

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112265.D
 Acq On : 28 Jan 2019 10:51
 Operator : JU/SJ
 Sample : PB116607BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116607BSD

Quant Time: Jan 28 11:30:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	184757	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	731881	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	375202	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	730352	20.00	ng	0.00
76) Chrysene-d12	14.01	240	585286	20.00	ng	0.00
87) Perylene-d12	15.47	264	501302	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1231536	141.58	ng	0.00
7) Phenol-d6	6.49	99	1552077	128.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	965020	75.97	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	538561	123.32	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2063608	77.79	ng	0.00
79) Terphenyl-d14	12.95	244	2289612	73.68	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	278353	80.332	ng	96
3) Pyridine	3.45	79	446233	50.627	ng	99
4) n-Nitrosodimethylamine	3.40	42	199065	53.756	ng	98
6) Aniline	6.50	93	421548	29.319	ng	# 29
8) 2-Chlorophenol	6.64	128	495439	42.340	ng	97
9) Benzaldehyde	6.39	77	105636	16.721	ng	96
10) Phenol	6.50	94	551724	41.607	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	441651	42.305	ng	98
12) 1,3-Dichlorobenzene	6.79	146	541337	39.724	ng	99
13) 1,4-Dichlorobenzene	6.86	146	551090	39.294	ng	99
14) 1,2-Dichlorobenzene	7.02	146	517636	39.421	ng	98
15) Benzyl Alcohol	6.99	79	405313	39.780	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	557167	41.566	ng	76
17) 2-Methylphenol	7.10	107	386821	41.701	ng	96
18) Hexachloroethane	7.35	117	194554	39.504	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	333031	39.959	ng	100
20) 3+4-Methylphenols	7.26	107	503604	42.456	ng	# 84
22) Acetophenone	7.25	105	660163	37.043	ng	# 97
24) Nitrobenzene	7.42	77	498213	39.274	ng	98
25) Isophorone	7.66	82	901820	45.257	ng	99
26) 2-Nitrophenol	7.74	139	273944	40.409	ng	94
27) 2,4-Dimethylphenol	7.79	122	431219	46.168	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	567282	41.810	ng	99
29) 2,4-Dichlorophenol	7.99	162	440214	42.116	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	478231	39.804	ng	99
31) Naphthalene	8.15	128	1451325	42.404	ng	99
32) Benzoic acid	7.92	122	201551	37.829	ng	93
33) 4-Chloroaniline	8.19	127	353964	23.752	ng	99
34) Hexachlorobutadiene	8.26	225	265943	37.720	ng	98
35) Caprolactam	8.60	113	50652	13.737	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	439183	39.690	ng	100
37) 2-Methylnaphthalene	8.84	142	1038602	44.327	ng	97
38) 1-Methylnaphthalene	8.94	142	974240	43.381	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	478682	38.857	ng	98

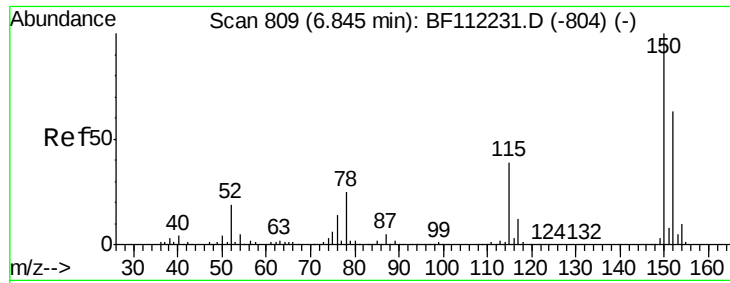
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	354174	76.351	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	298632	39.326	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	313759	39.534	ng	96
46) 1,1'-Biphenyl	9.30	154	1273098	38.812	ng	98
47) 2-Chloronaphthalene	9.33	162	978599	38.472	ng	97
48) 2-Nitroaniline	9.43	65	263745	38.042	ng	99
49) Acenaphthylene	9.75	152	1546834	41.490	ng	98
50) Dimethylphthalate	9.60	163	1158773	39.750	ng	99
51) 2,6-Dinitrotoluene	9.66	165	259323	39.720	ng	# 85
52) Acenaphthene	9.92	154	882613	39.630	ng	99
53) 3-Nitroaniline	9.83	138	176969	25.020	ng	92
54) 2,4-Dinitrophenol	9.96	184	189995	90.678	ng	93
55) Dibenzofuran	10.09	168	1355496	39.827	ng	96
56) 4-Nitrophenol	10.02	139	293249	78.420	ng	98
57) 2,4-Dinitrotoluene	10.07	165	336571	40.494	ng	# 89
58) Fluorene	10.43	166	1086585	42.663	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	276302	46.069	ng	97
60) Diethylphthalate	10.30	149	1149433	39.732	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	530668	38.303	ng	93
62) 4-Nitroaniline	10.45	138	260700	37.577	ng	96
63) Azobenzene	10.58	77	1002395	39.398	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	142879	34.893	ng	96
66) n-Nitrosodiphenylamine	10.54	169	963800	39.155	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	331538	38.596	ng	94
68) Hexachlorobenzene	10.99	284	353395	38.346	ng	98
69) Atrazine	11.06	200	323695	40.755	ng	95
70) Pentachlorophenol	11.18	266	265760	74.110	ng	98
71) Phenanthrene	11.39	178	1557121	41.009	ng	98
72) Anthracene	11.45	178	1612119	42.623	ng	100
73) Carbazole	11.60	167	1412589	37.862	ng	99
74) Di-n-butylphthalate	11.92	149	1779629	38.429	ng	99
75) Fluoranthene	12.58	202	1651907	40.563	ng	100
77) Benzidine	12.70	184	632642	39.272	ng	97
78) Pyrene	12.81	202	1648515	40.682	ng	100
80) Butylbenzylphthalate	13.42	149	769776	39.264	ng	92
81) Benzo(a)anthracene	14.00	228	1437443	41.779	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	352152	27.349	ng	99
83) Chrysene	14.03	228	1353856	41.223	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	1101464	39.579	ng	98
85) Di-n-octyl phthalate	14.58	149	1738834	40.611	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1164855	44.761	ng	98
88) Benzo(b)fluoranthene	15.04	252	1351523	45.080	ng	100
89) Benzo(k)fluoranthene	15.07	252	1137128	39.598	ng	100
90) Benzo(a)pyrene	15.42	252	1182712	43.843	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	974320	44.815	ng	100
92) Benzo(g,h,i)perylene	17.40	276	941112	45.882	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

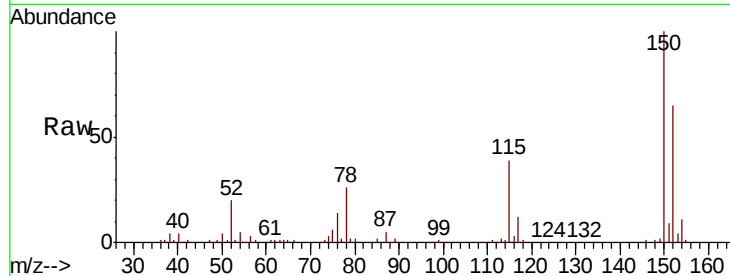


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.4	191.0
115	60.9	45.5	68.3

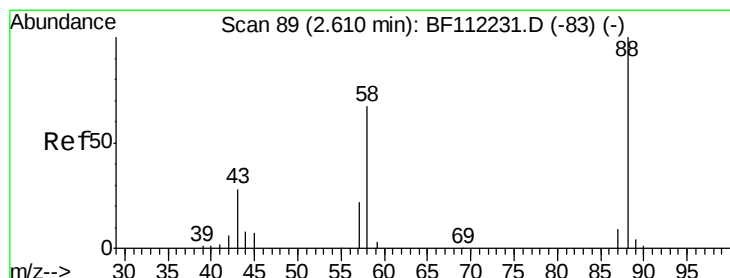
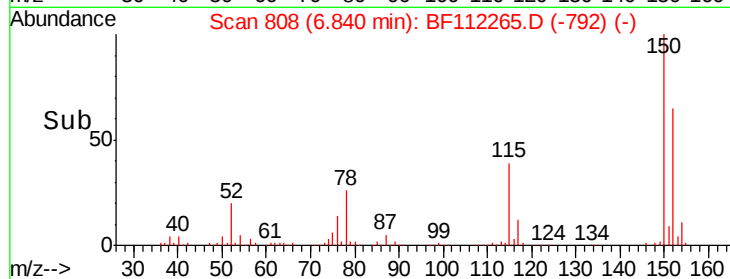
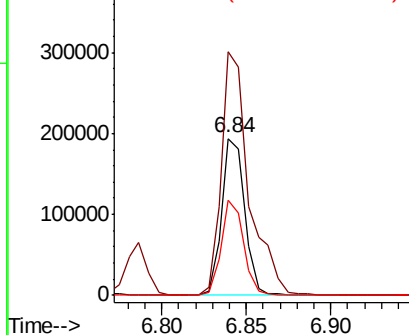


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

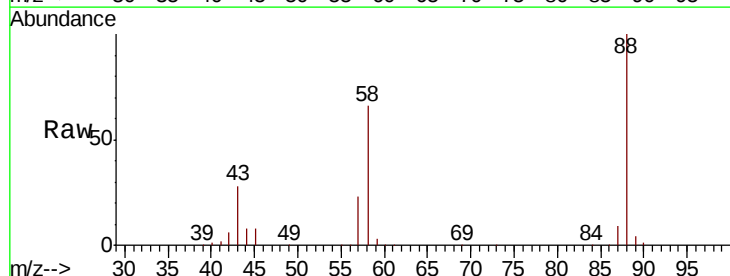
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 80.332 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.09 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	57.4	86.2
43	28.4	22.2	33.4

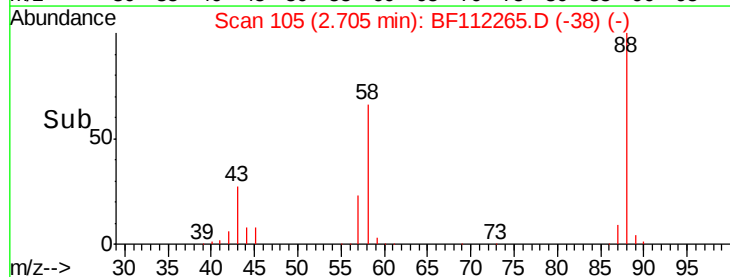
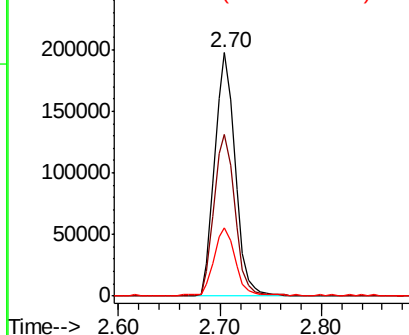


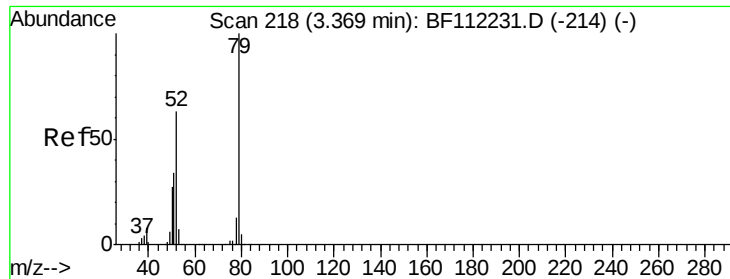
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 50.627 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.08 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

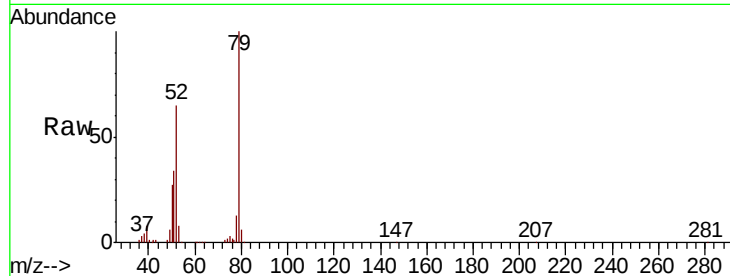
Tot Ion: 79 Resp: 446233

Ion Ratio Lower Upper

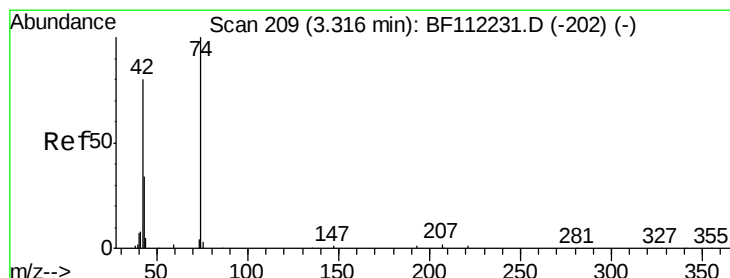
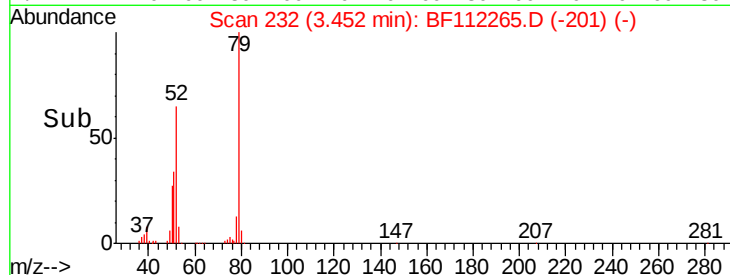
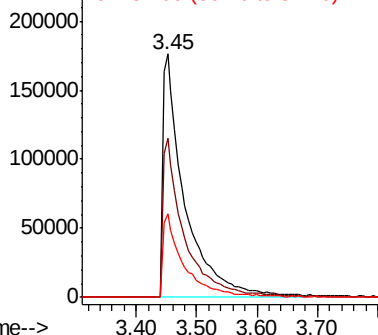
79 100

52 65.4 52.4 78.6

51 34.1 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 53.756 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.08 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

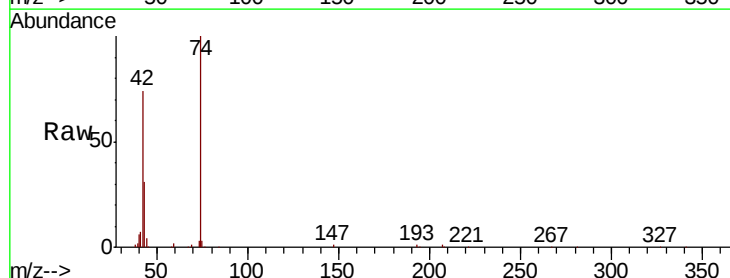
Tgt Ion: 42 Resp: 199065

Ion Ratio Lower Upper

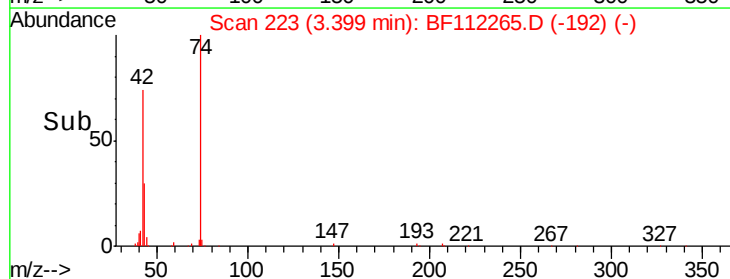
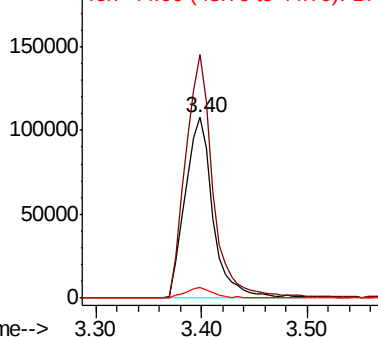
42 100

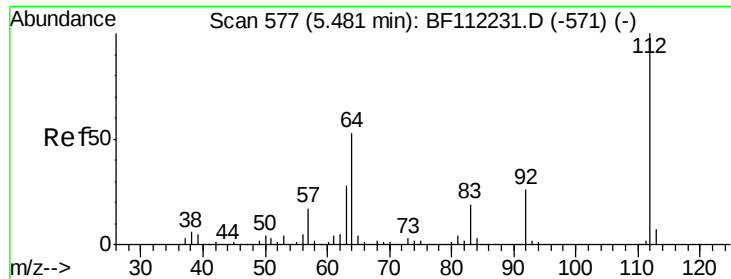
74 134.7 105.6 158.4

44 5.9 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 141.584 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

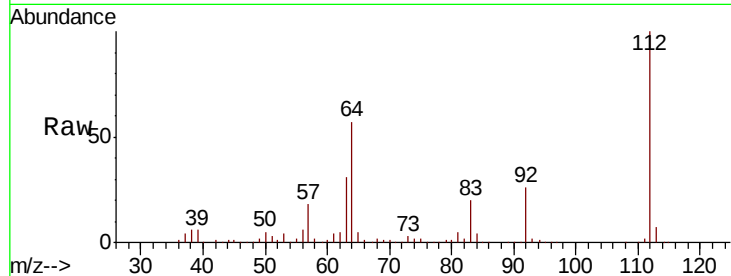
Tot Ion:112 Resp: 1231536

Ion Ratio Lower Upper

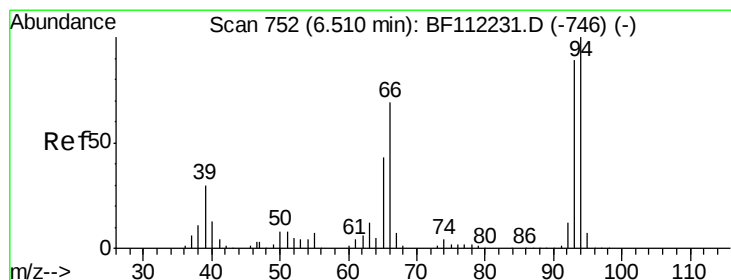
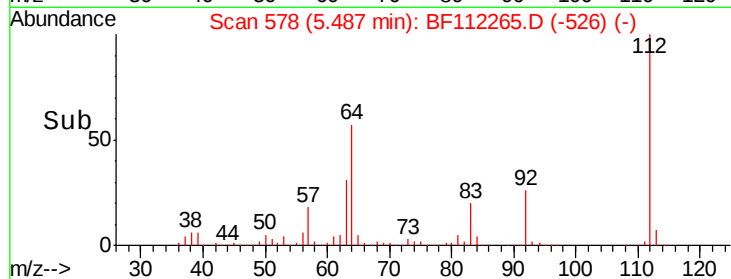
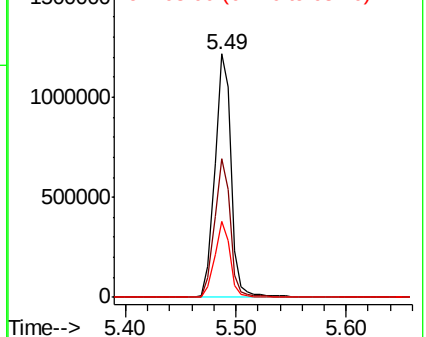
112 100

64 56.9 45.7 68.5

63 31.1 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.319 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

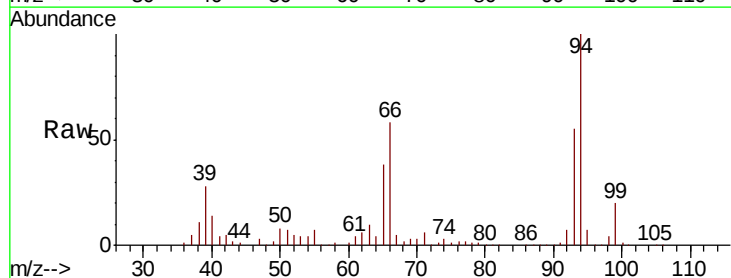
Tgt Ion: 93 Resp: 421548

Ion Ratio Lower Upper

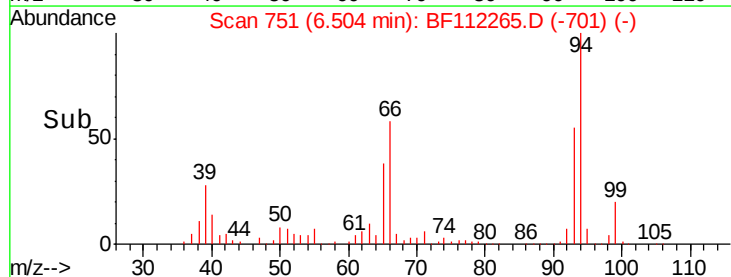
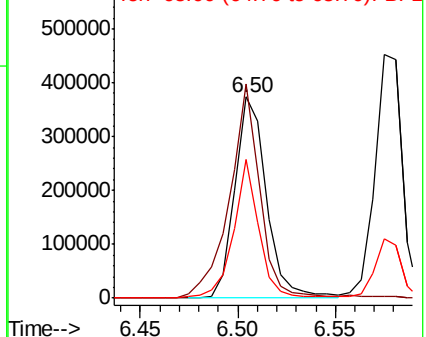
93 100

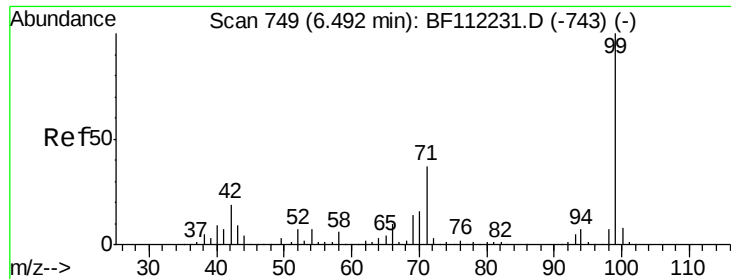
66 106.8 43.4 65.2#

65 68.8 25.3 37.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.412 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

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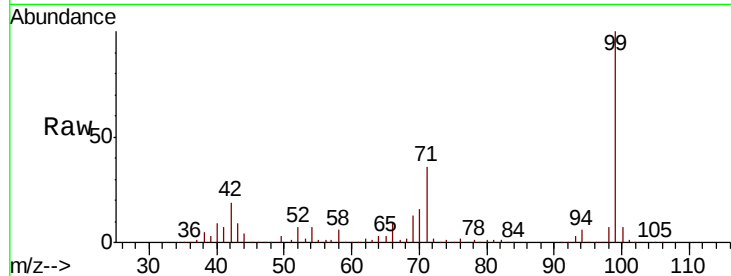
Tot Ion: 99 Resp: 1552077

Ion Ratio Lower Upper

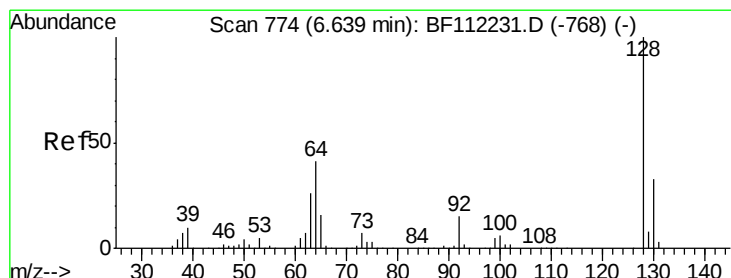
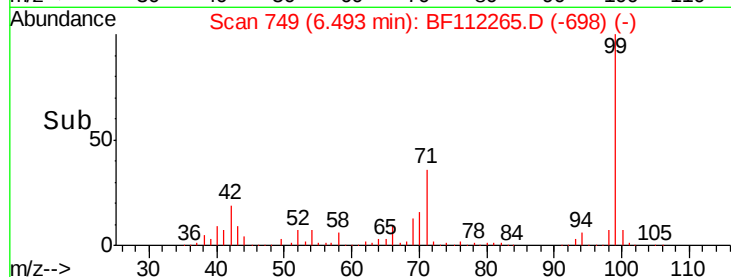
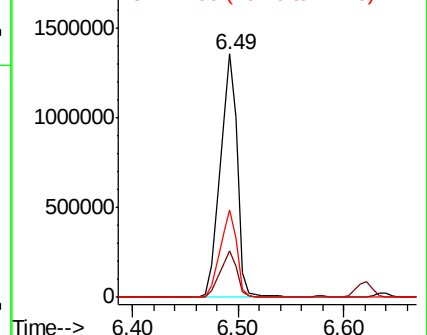
99 100

42 19.1 15.1 22.7

71 35.8 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.340 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

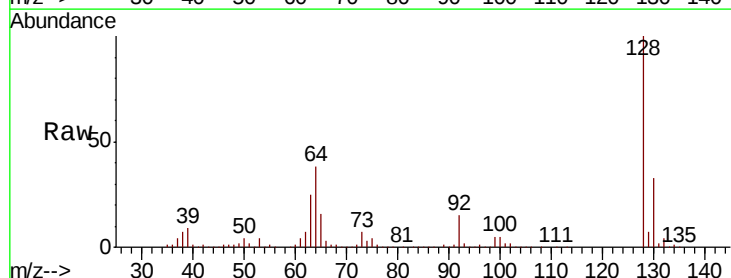
Tgt Ion:128 Resp: 495439

Ion Ratio Lower Upper

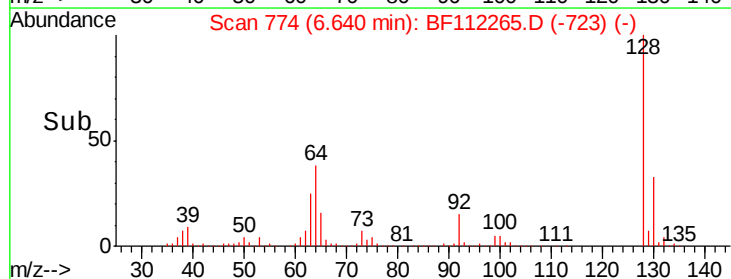
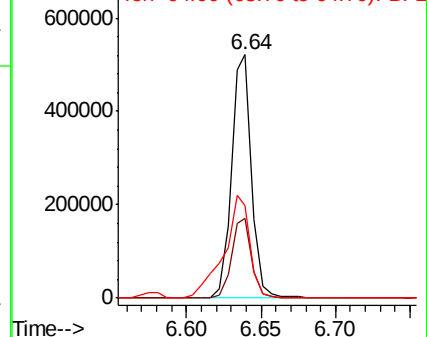
128 100

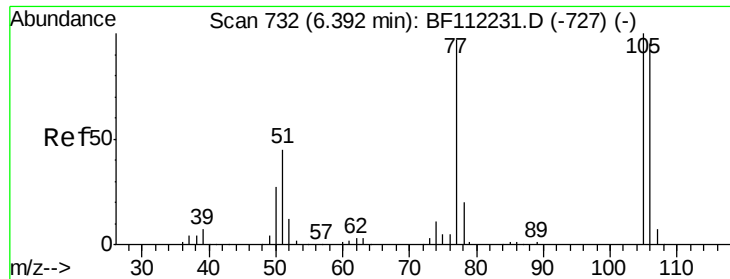
130 32.8 13.4 53.4

64 38.1 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.721 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

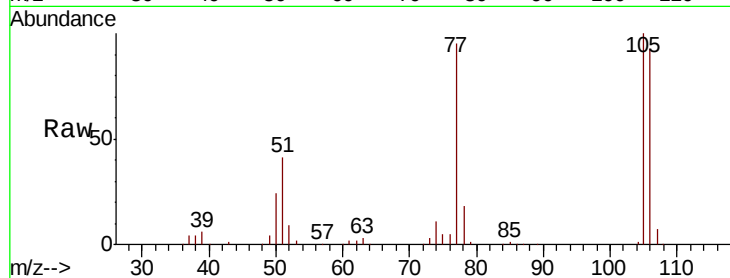
Tot Ion: 77 Resp: 105636

Ion Ratio Lower Upper

77 100

105 105.8 80.8 120.8

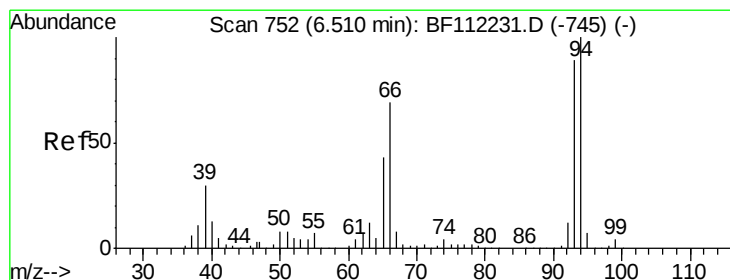
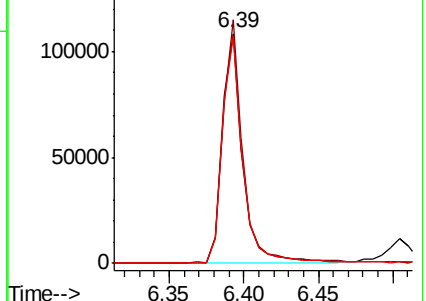
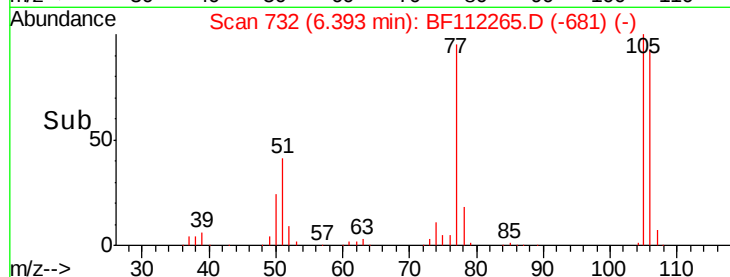
106 98.7 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.607 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

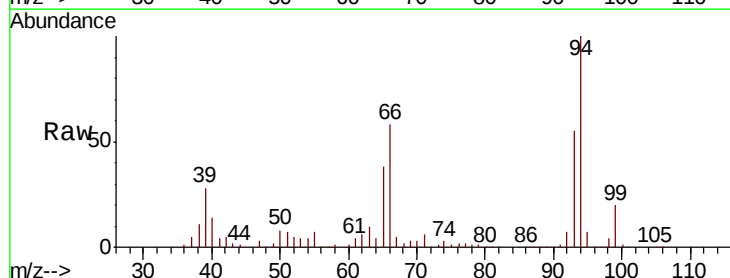
Tgt Ion: 94 Resp: 551724

Ion Ratio Lower Upper

94 100

65 37.7 20.3 60.3

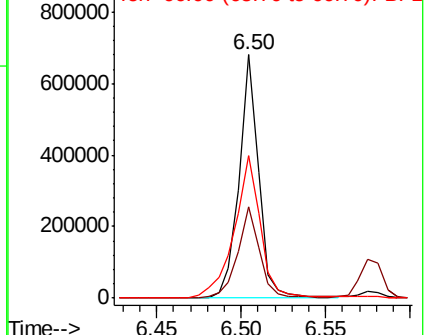
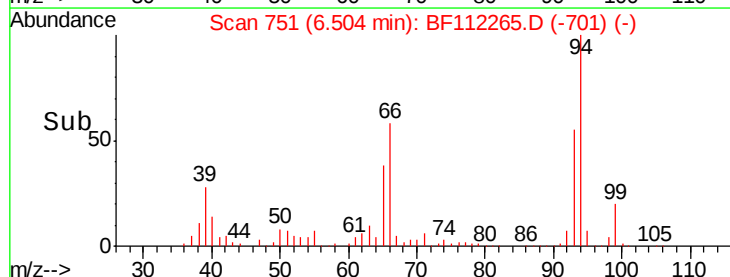
66 58.5 42.4 82.4

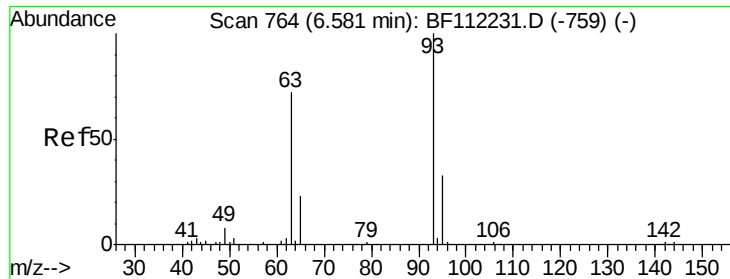


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

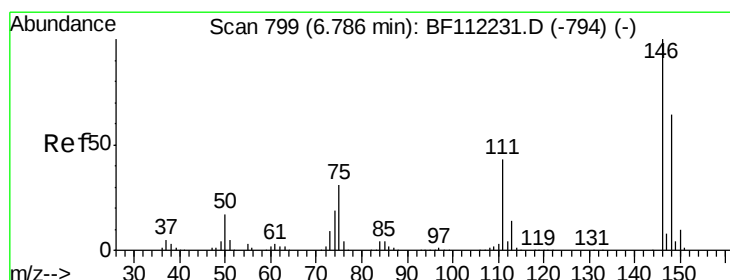
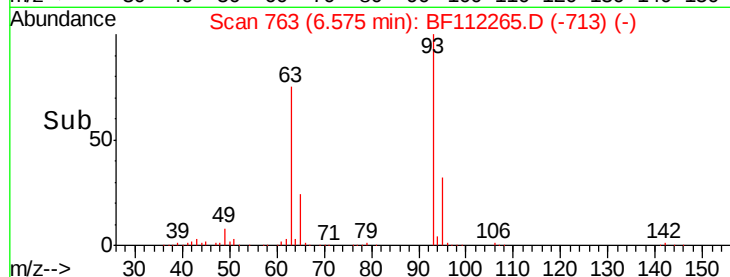
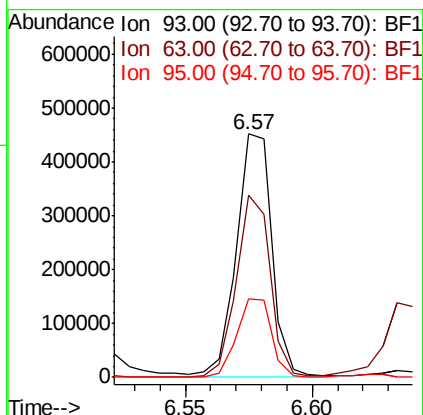
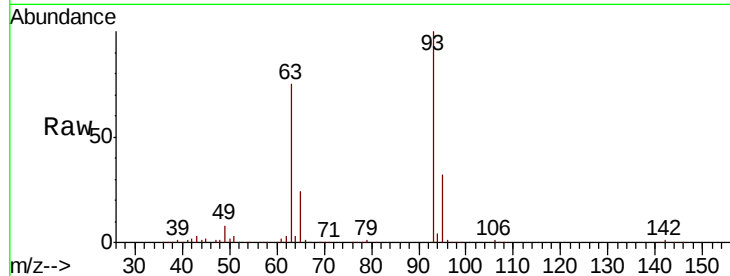




#11
bis(2-Chloroethyl)ether
Concen: 42.305 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

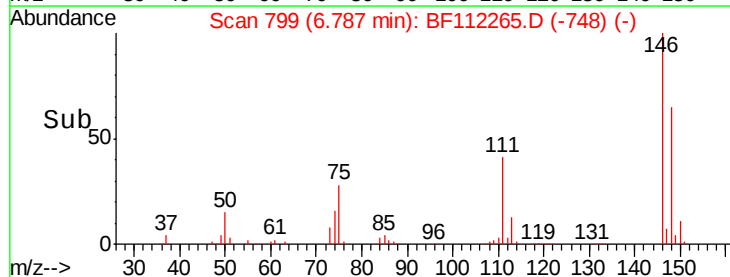
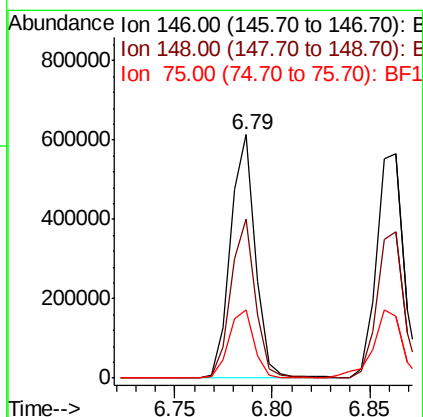
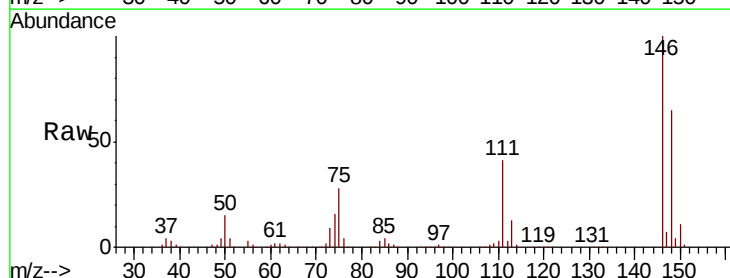
Instrument :
BNA_F
ClientSampleId :
PB116607BSD

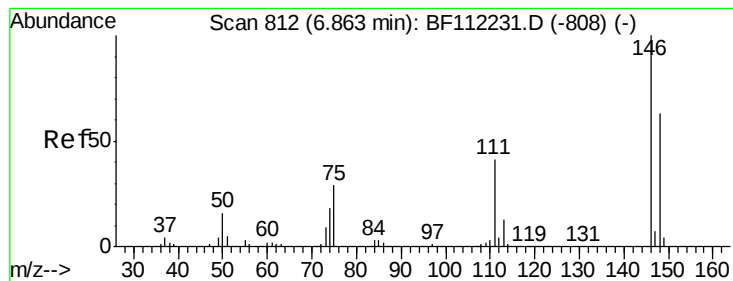
Tot Ion: 93 Resp: 441651
Ion Ratio Lower Upper
93 100
63 74.8 53.3 93.3
95 32.1 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.724 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion: 146 Resp: 541337
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.8
75 28.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.294 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

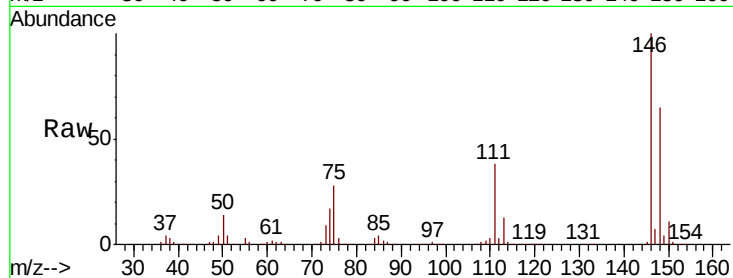
Tot Ion:146 Resp: 551090

Ion Ratio Lower Upper

146 100

148 65.3 52.0 78.0

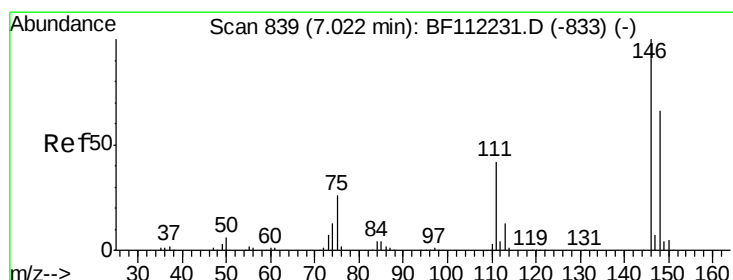
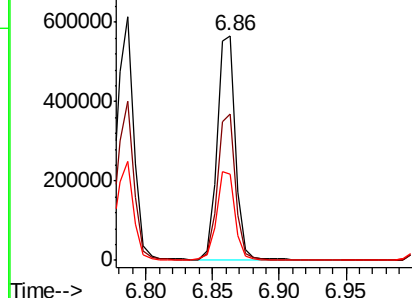
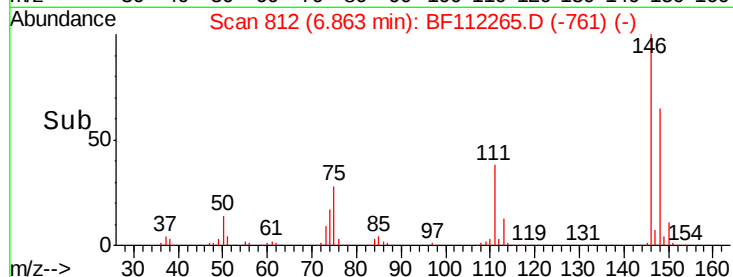
111 38.5 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.421 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

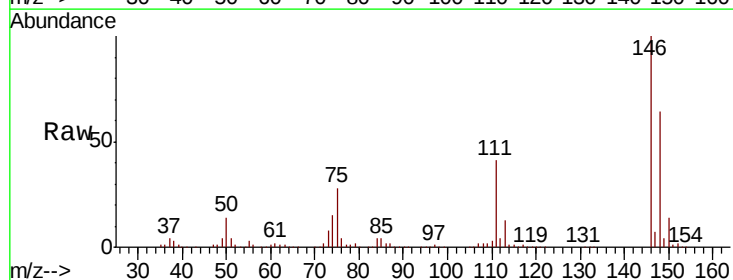
Tgt Ion:146 Resp: 517636

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.4

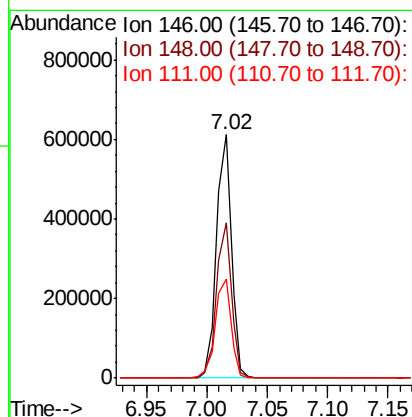
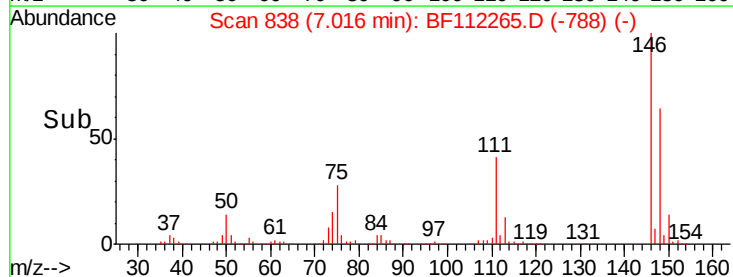
111 40.9 31.2 46.8

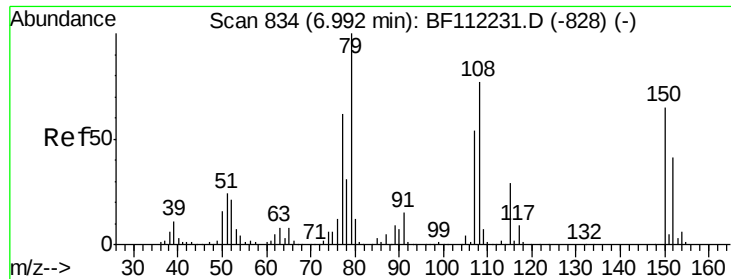


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

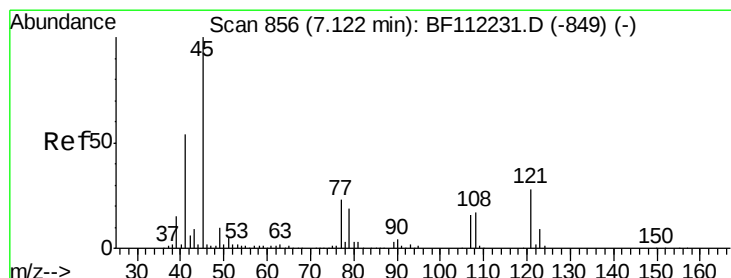
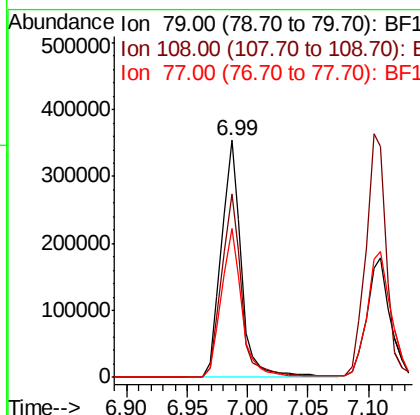
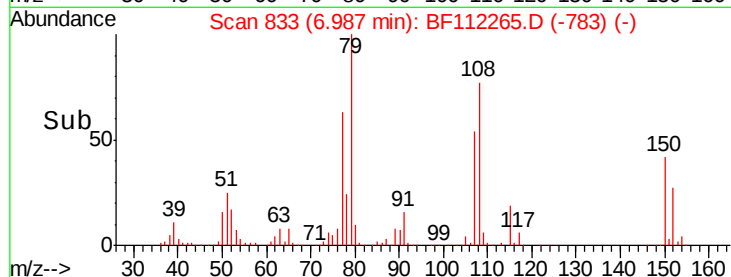
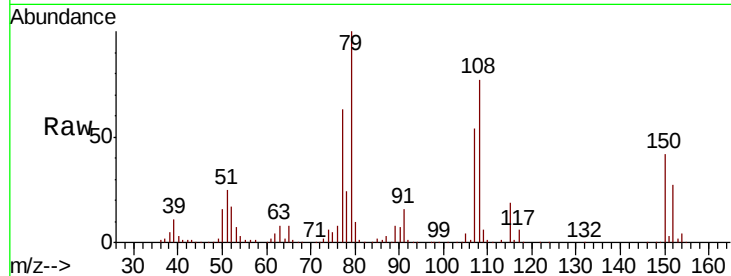




#15
Benzyl Alcohol
Concen: 39.780 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

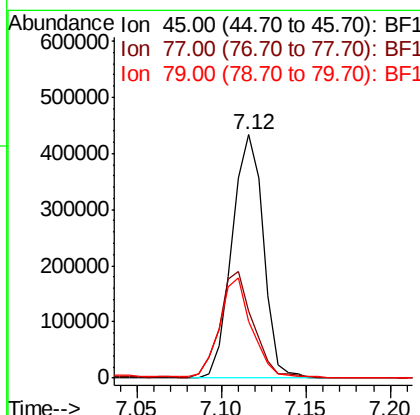
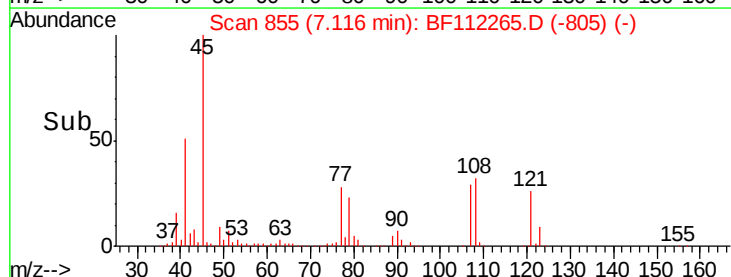
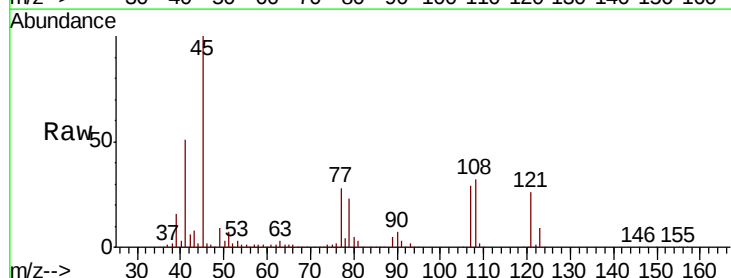
Instrument :
BNA_F
ClientSampleId :
PB116607BSD

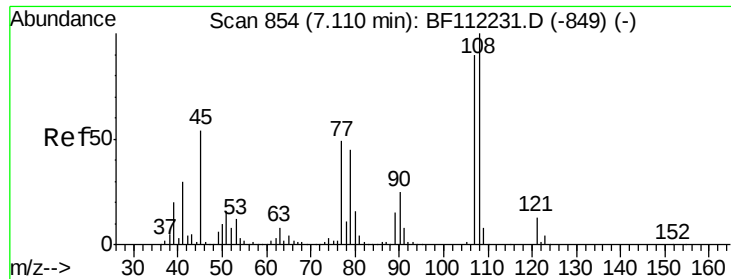
Tot Ion: 79 Resp: 405313
Ion Ratio Lower Upper
79 100
108 77.5 64.2 96.2
77 63.0 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.566 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion: 45 Resp: 557167
Ion Ratio Lower Upper
45 100
77 27.6 0.0 36.9
79 23.4 0.0 34.0

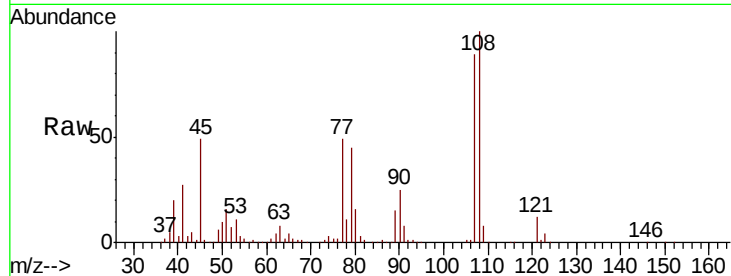




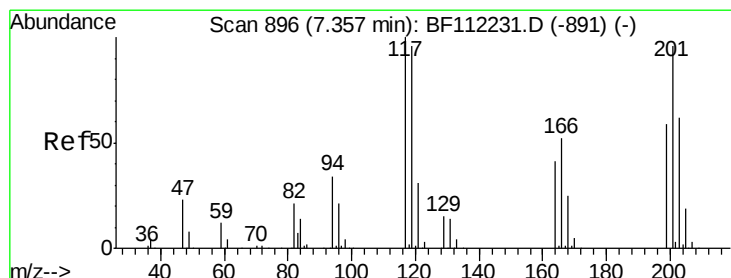
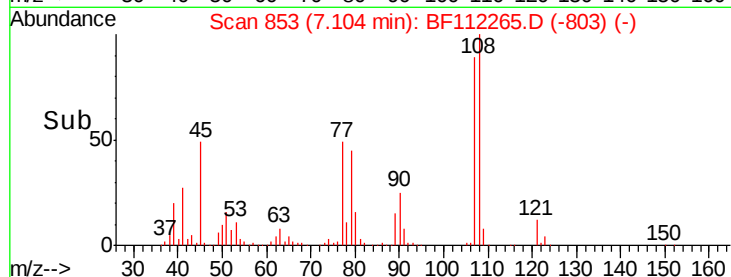
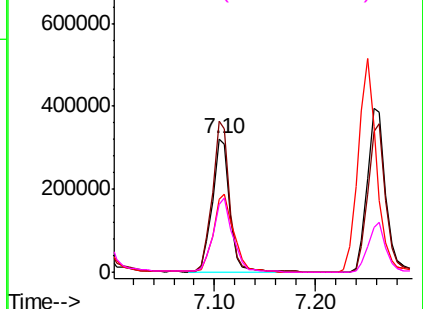
#17
2-Methylphenol
Concen: 41.701 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:	107	Resp:	386821
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.3	136.9
77	54.9	39.0	58.6
79	50.6	37.0	55.4

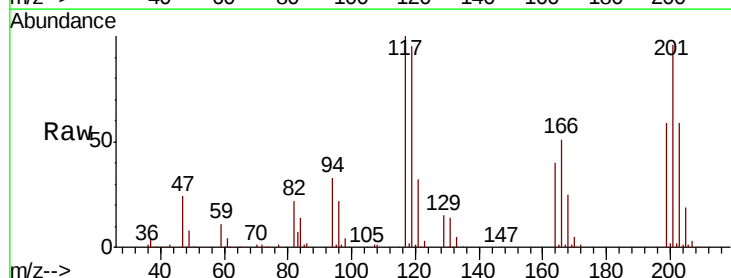


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

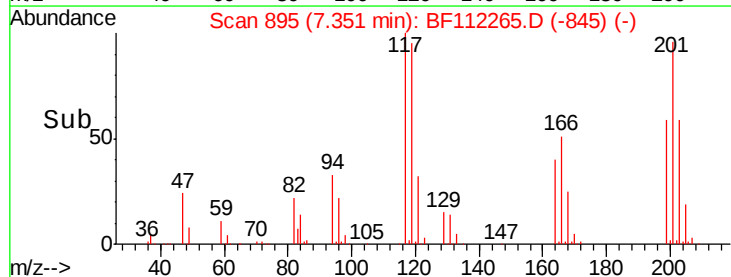
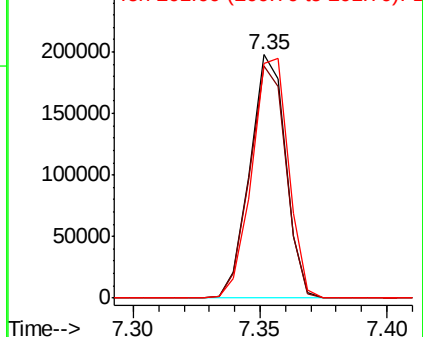


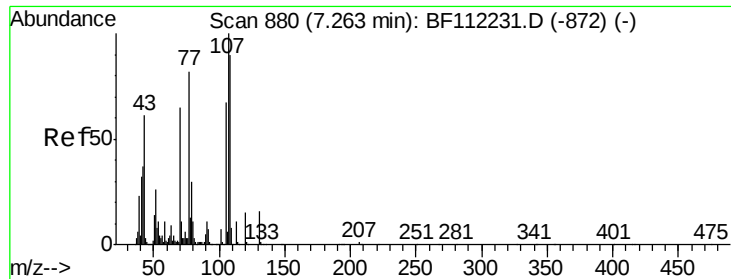
#18
Hexachloroethane
Concen: 39.504 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:	117	Resp:	194554
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.4
201	96.2	74.1	111.1



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

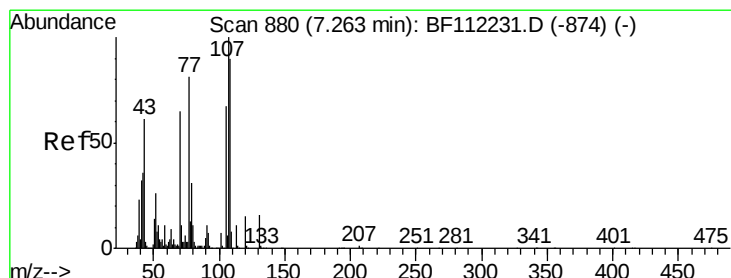
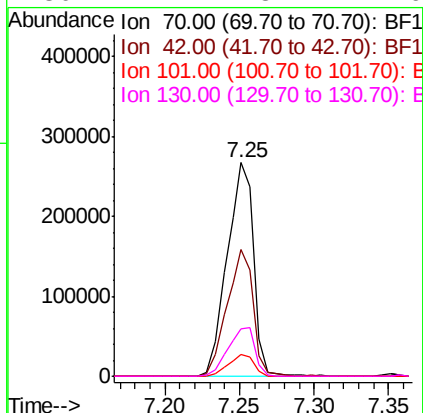
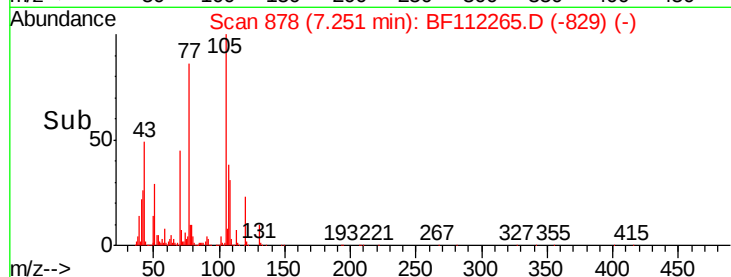
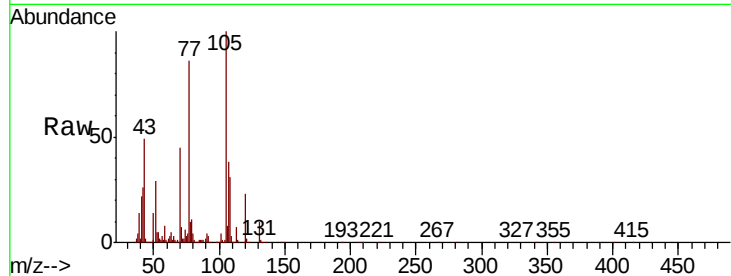




#19
n-Nitroso-di-n-propylamine
Concen: 39.959 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

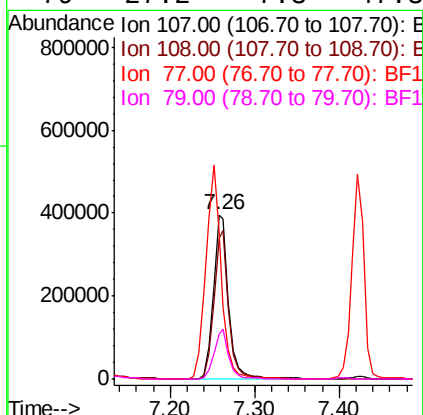
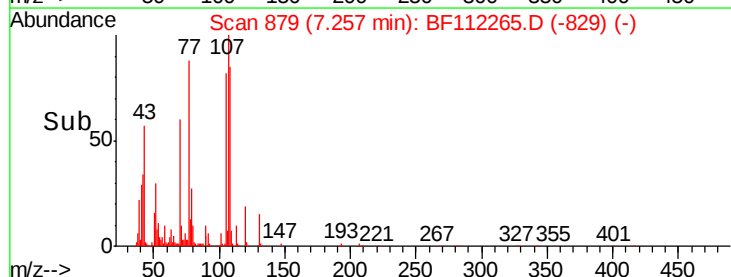
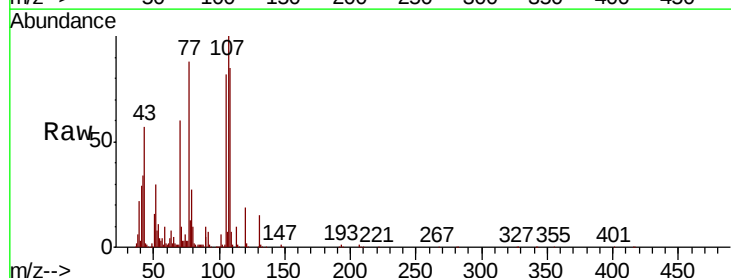
Instrument :
BNA_F
ClientSampleId :
PB116607BSD

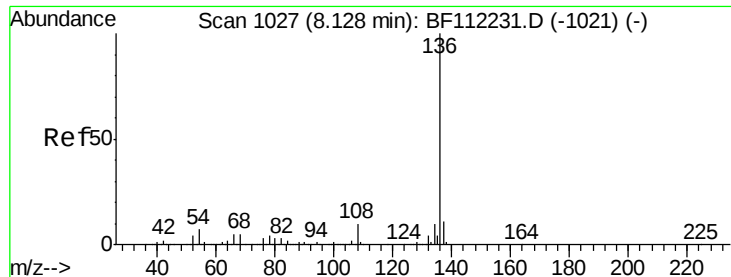
Tot Ion:	70	Resp:	333031
Ion	Ratio	Lower	Upper
70	100		
42	59.4	47.6	71.4
101	10.0	7.9	11.9
130	22.2	18.4	27.6



#20
3+4-Methylphenols
Concen: 42.456 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:	107	Resp:	503604
Ion	Ratio	Lower	Upper
107	100		
108	85.3	68.2	108.2
77	88.4	100.7	140.7
79	27.2	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

Tot Ion:136 Resp: 731881

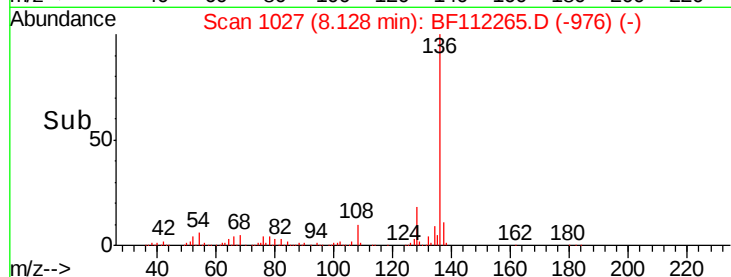
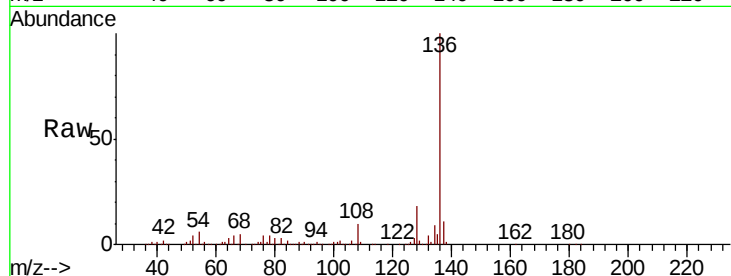
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.0 5.9 8.9

68 4.7 5.1 7.7#

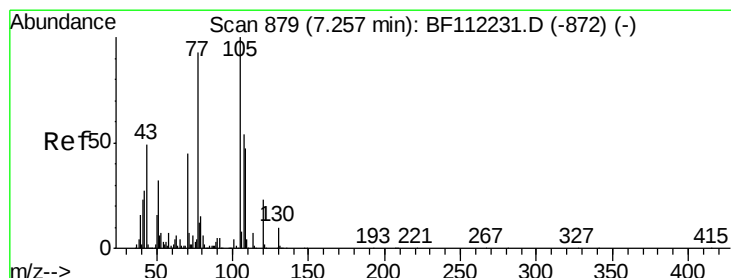
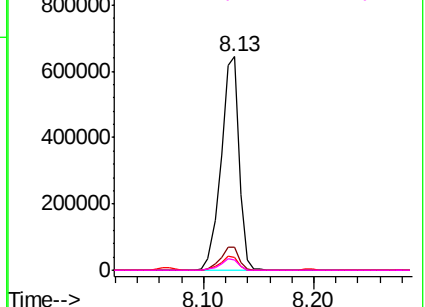


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.043 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Tgt Ion:105 Resp: 660163

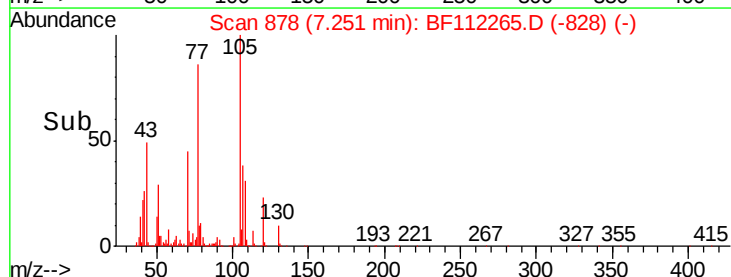
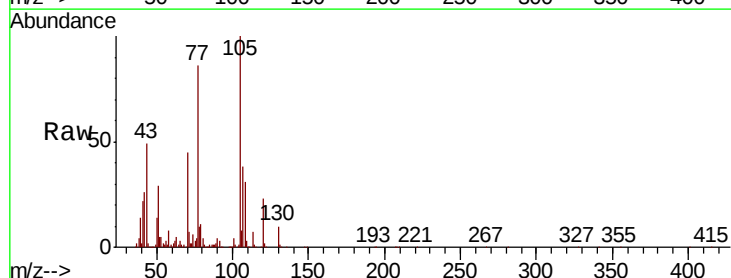
Ion Ratio Lower Upper

105 100

71 7.2 4.6 6.8#

51 29.3 25.0 37.6

120 22.7 19.0 28.4

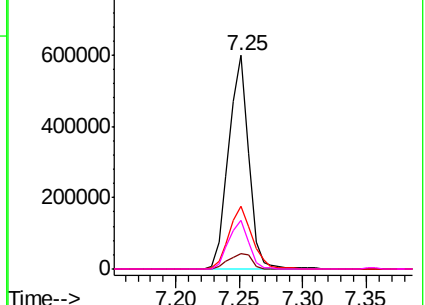


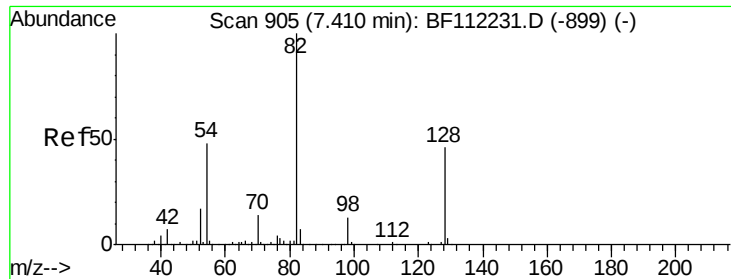
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

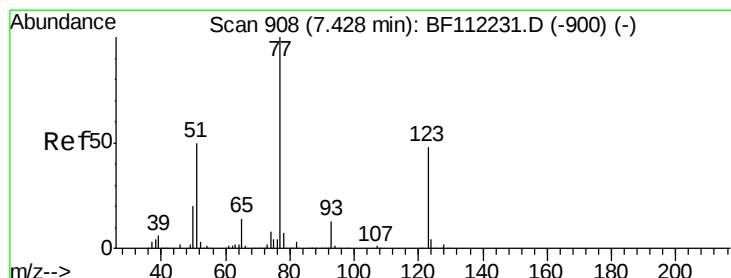
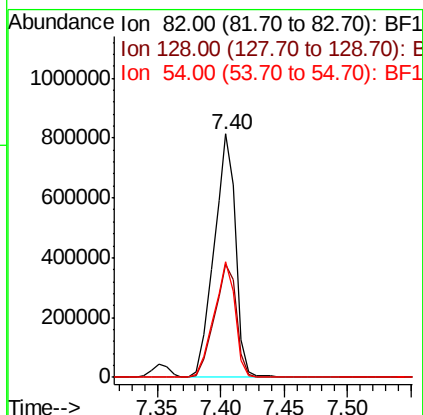
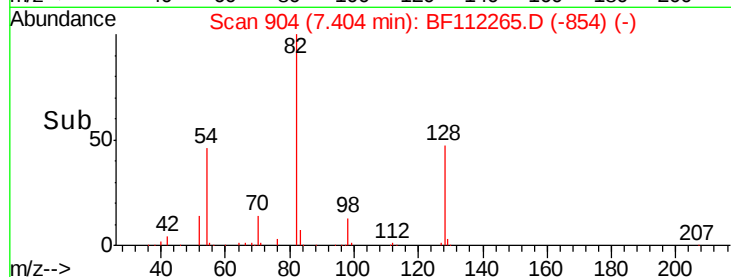
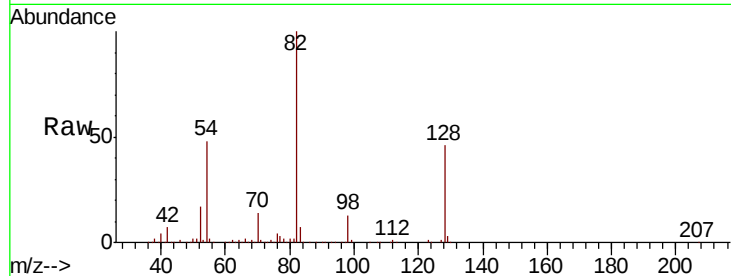




#23
 Nitrobenzene-d5
 Concen: 75.974 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

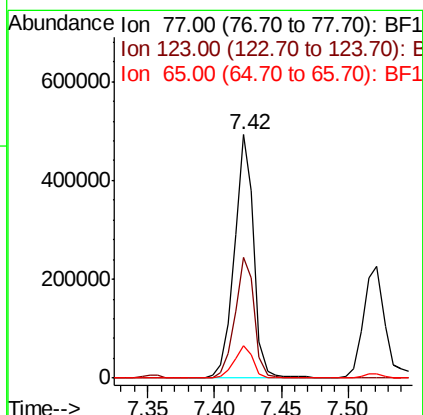
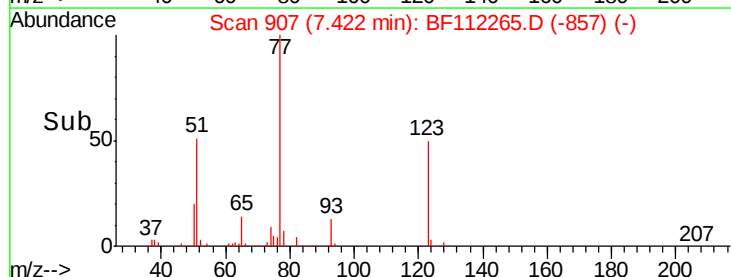
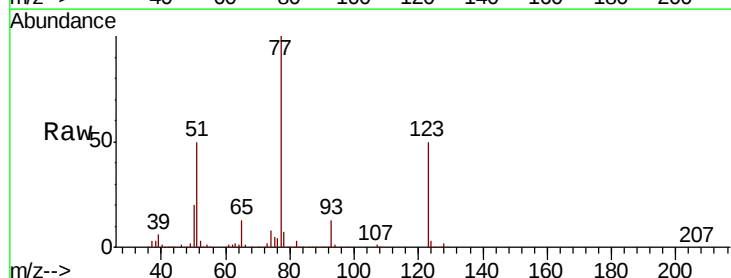
Instrument :
 BNA_F
 ClientSampleId :
 PB116607BSD

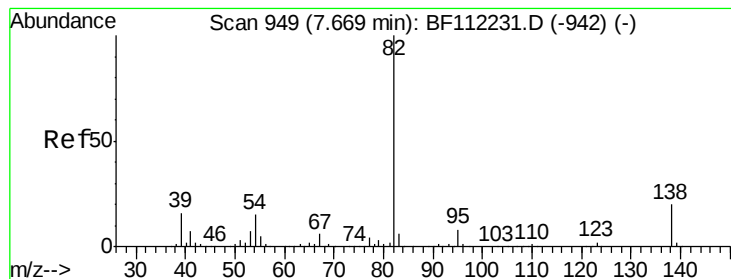
Tot Ion: 82 Resp: 965020
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.8 56.8
 54 47.5 39.7 59.5



#24
 Nitrobenzene
 Concen: 39.274 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Tgt Ion: 77 Resp: 498213
 Ion Ratio Lower Upper
 77 100
 123 49.5 38.4 57.6
 65 13.1 10.6 15.8





#25

Isophorone

Concen: 45.257 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

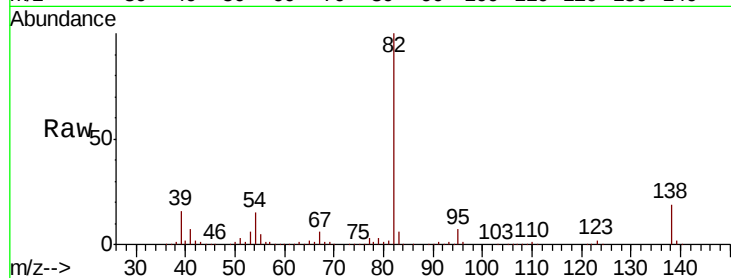
Tot Ion: 82 Resp: 901820

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

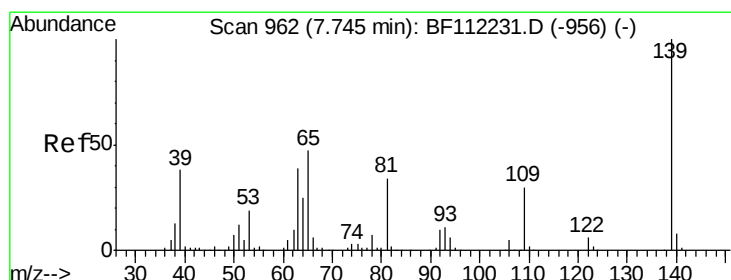
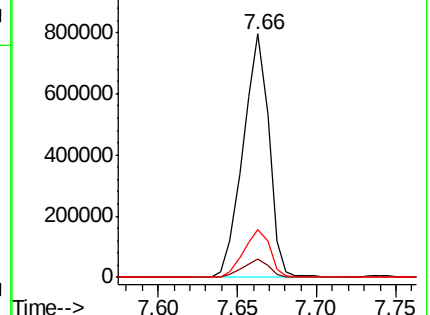
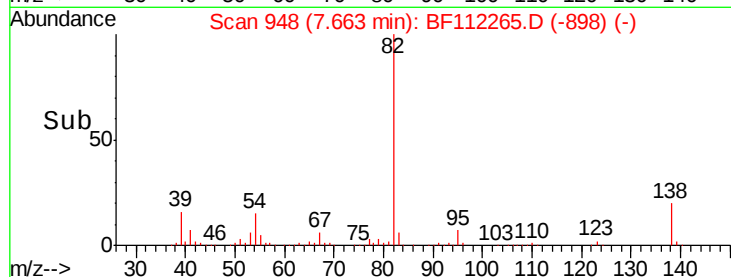
138 19.5 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.409 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

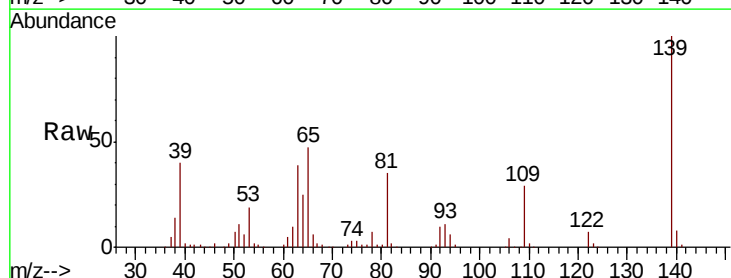
Tgt Ion: 139 Resp: 273944

Ion Ratio Lower Upper

139 100

109 28.8 20.8 31.2

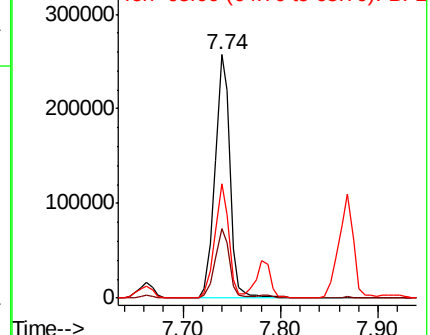
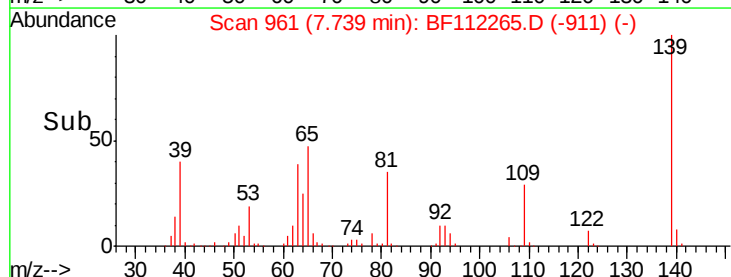
65 47.2 34.4 51.6

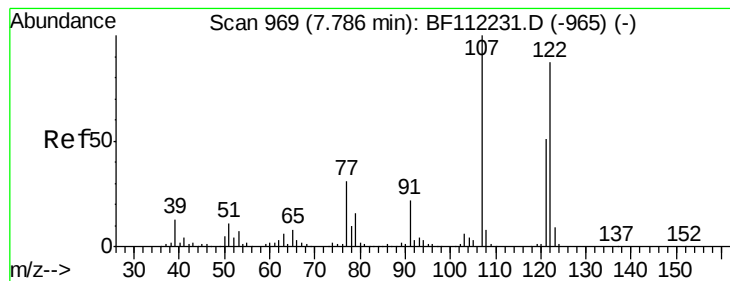


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.168 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

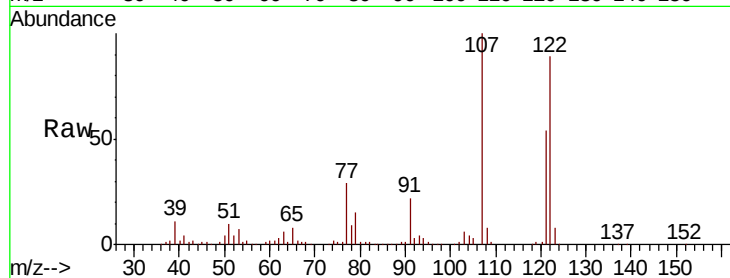
Tot Ion:122 Resp: 431219

Ion Ratio Lower Upper

122 100

107 112.4 85.4 128.0

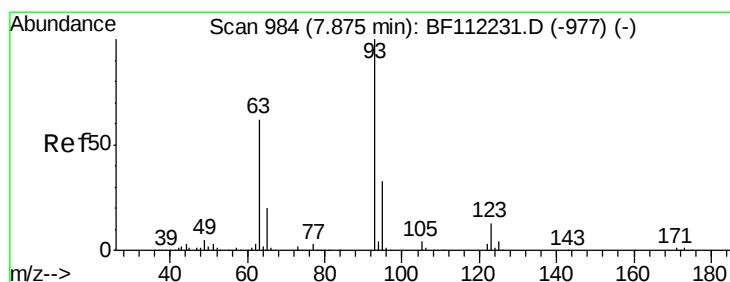
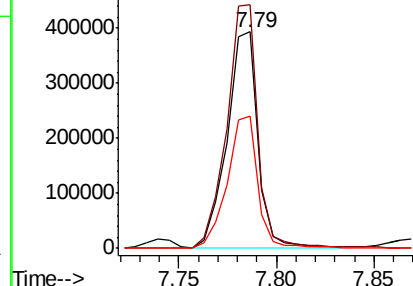
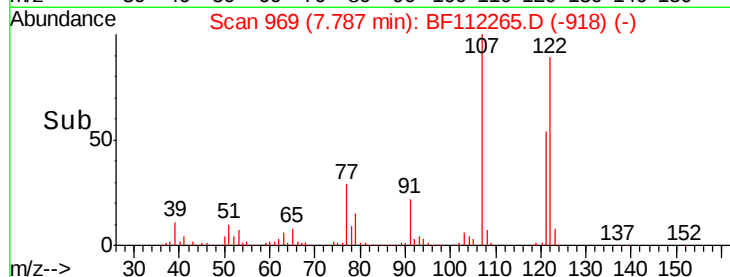
121 60.9 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.810 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

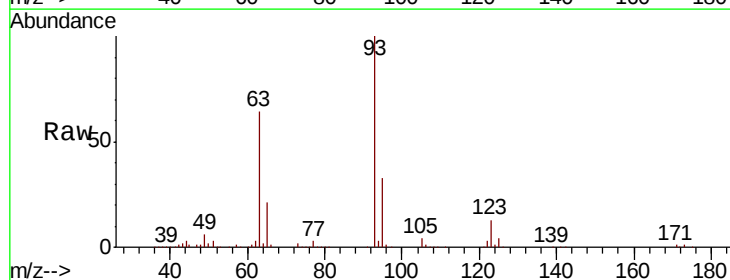
Tgt Ion: 93 Resp: 567282

Ion Ratio Lower Upper

93 100

95 32.6 26.8 40.2

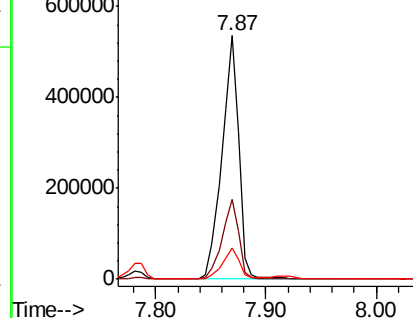
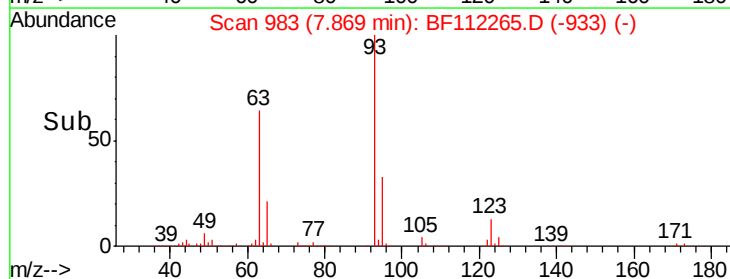
123 12.8 10.2 15.2

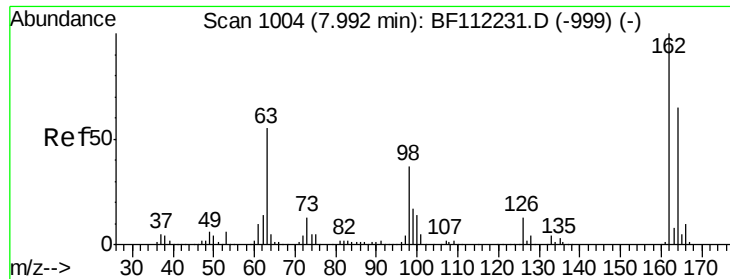


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

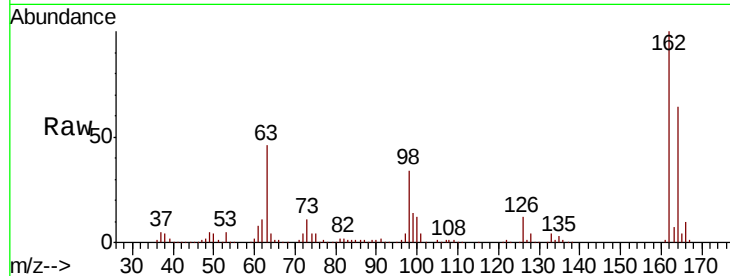




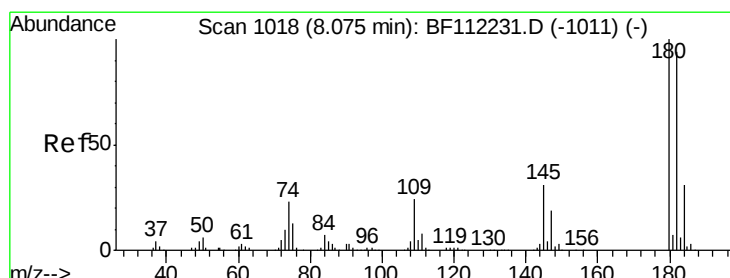
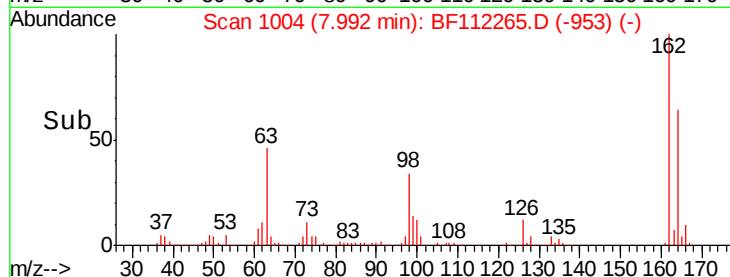
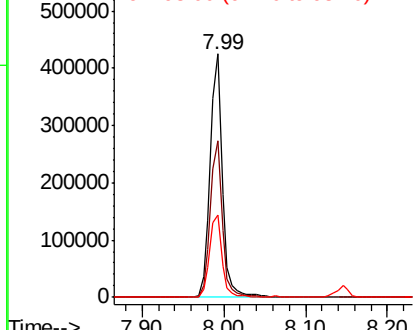
#29
2,4-Dichlorophenol
Concen: 42.116 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:162 Resp: 440214
Ion Ratio Lower Upper
162 100
164 64.1 44.6 84.6
98 33.8 14.6 54.6

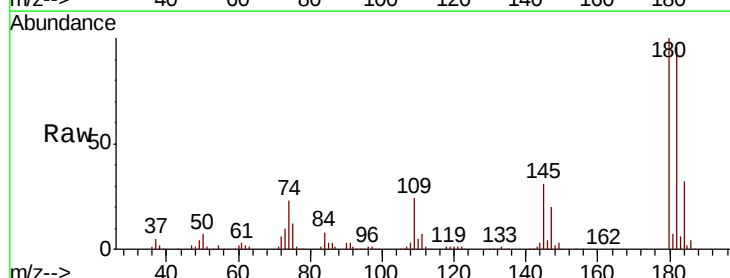


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

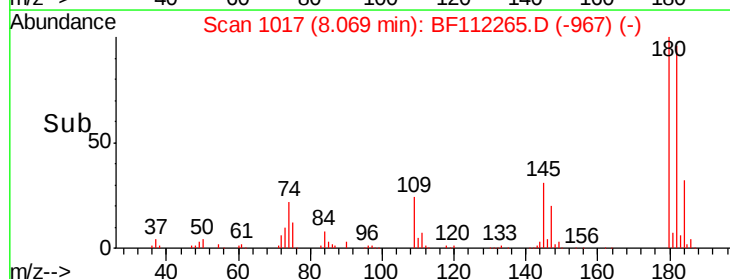
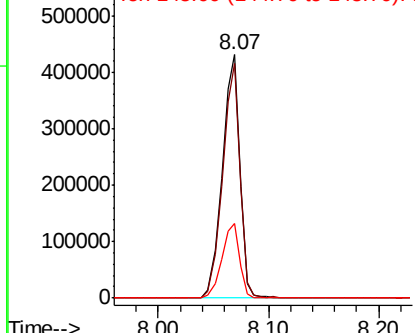


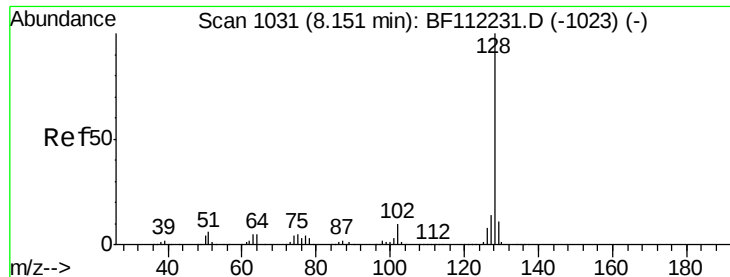
#30
1,2,4-Trichlorobenzene
Concen: 39.804 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:180 Resp: 478231
Ion Ratio Lower Upper
180 100
182 96.1 76.4 114.6
145 30.6 25.0 37.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

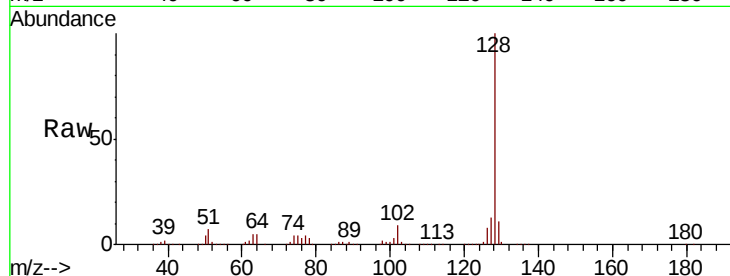




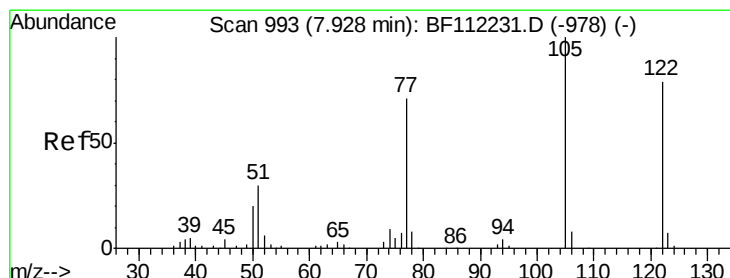
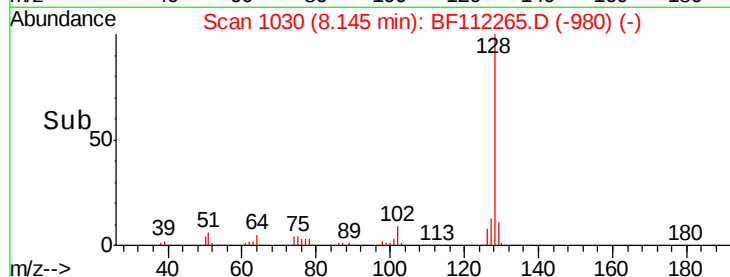
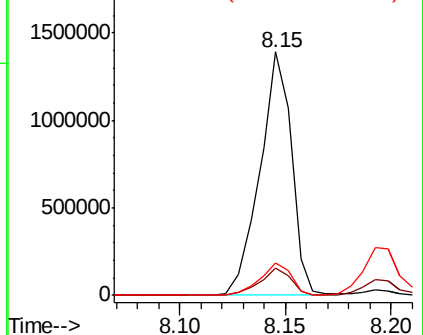
#31
Naphthalene
Concen: 42.404 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:128 Resp: 1451325
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 13.4 11.1 16.7

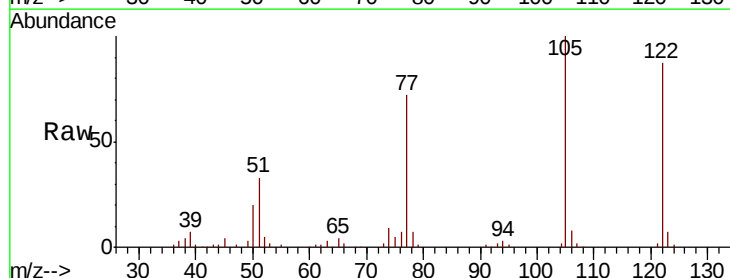


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

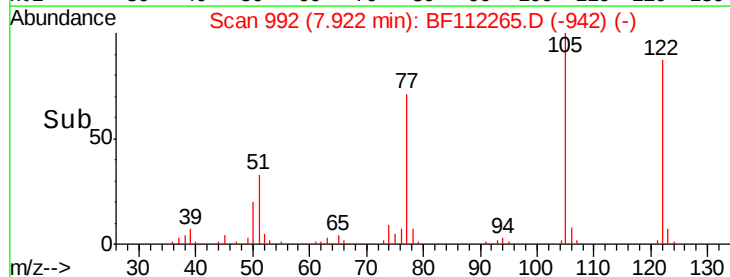
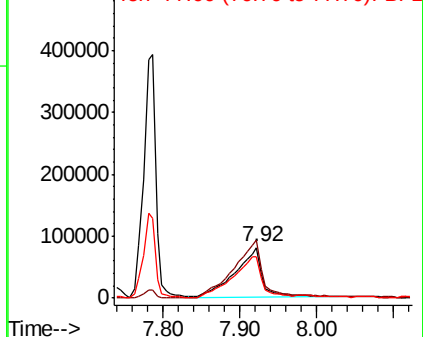


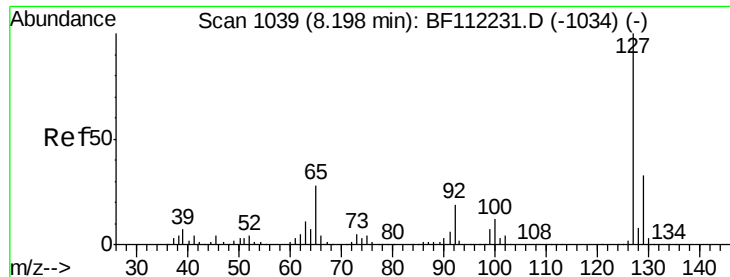
#32
Benzoic acid
Concen: 37.829 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:122 Resp: 201551
Ion Ratio Lower Upper
122 100
105 114.7 101.2 141.2
77 82.4 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

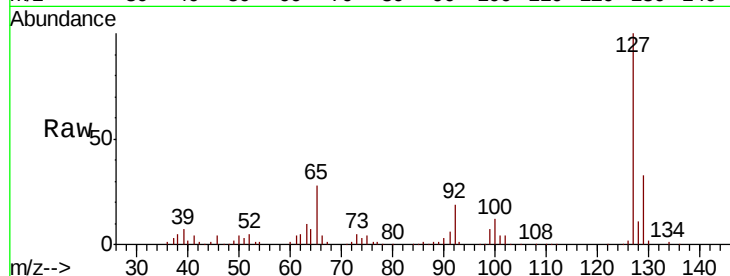




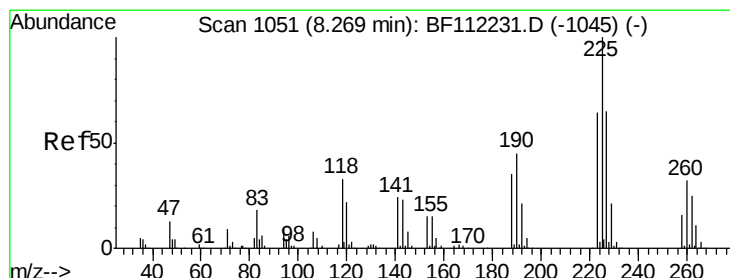
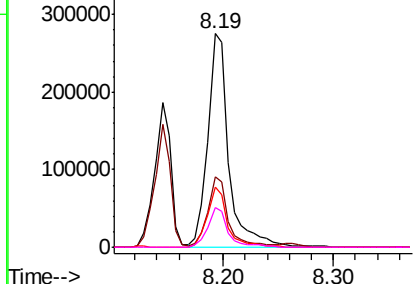
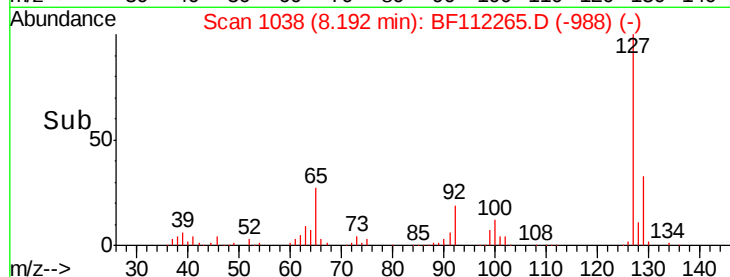
#33
4-Chloroaniline
Concen: 23.752 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:	127	Resp:	353964
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	39.8
65	28.0	21.4	32.2
92	18.5	14.2	21.2

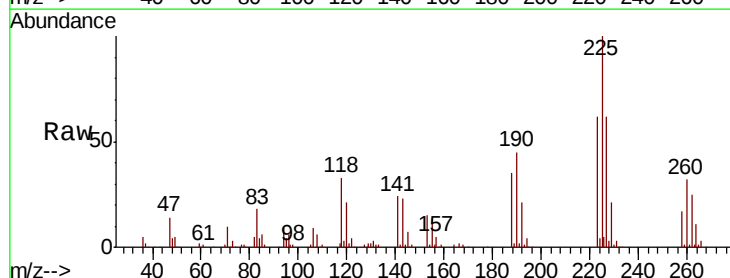


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

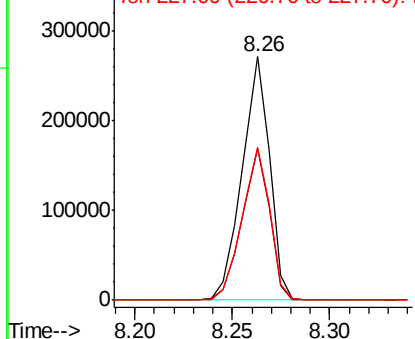
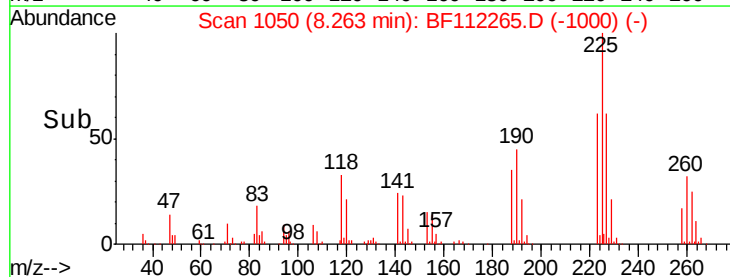


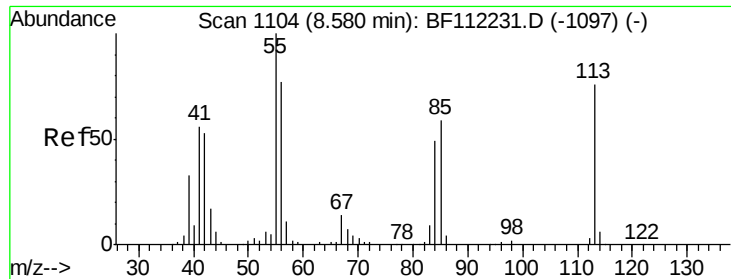
#34
Hexachlorobutadiene
Concen: 37.720 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:	225	Resp:	265943
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	62.5	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 13.737 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.02 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

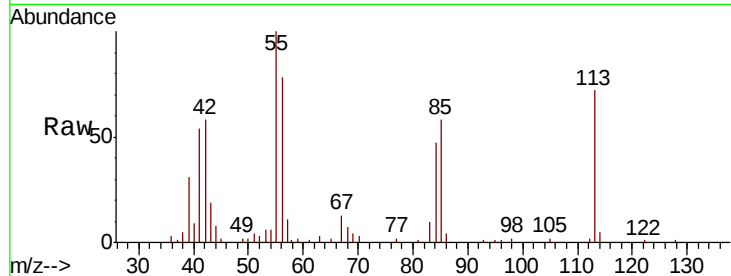
Tot Ion:113 Resp: 50652

Ion Ratio Lower Upper

113 100

55 138.5 121.6 161.6

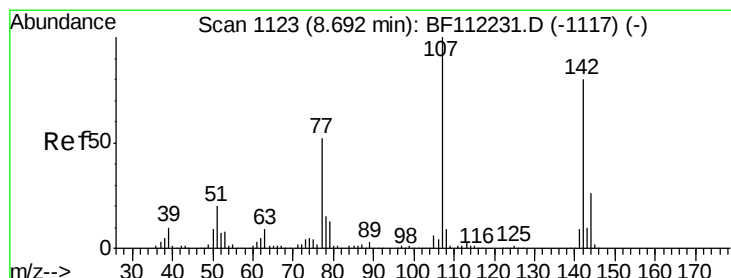
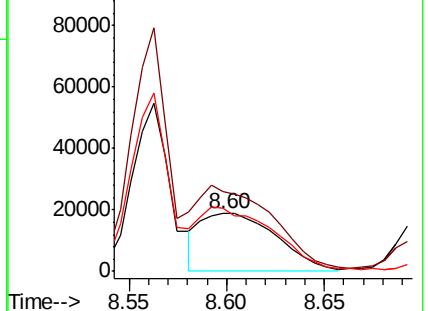
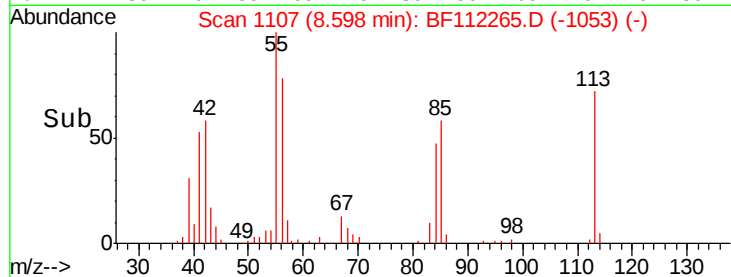
56 108.5 86.7 126.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.690 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

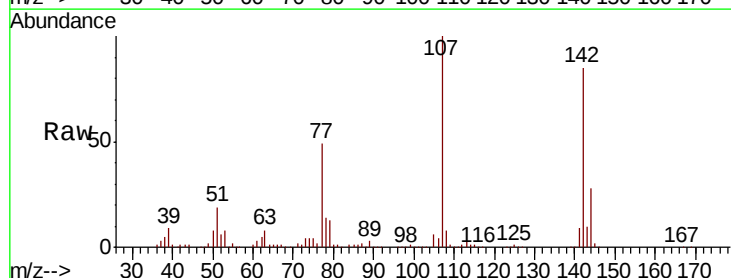
Tgt Ion:107 Resp: 439183

Ion Ratio Lower Upper

107 100

144 27.8 22.2 33.2

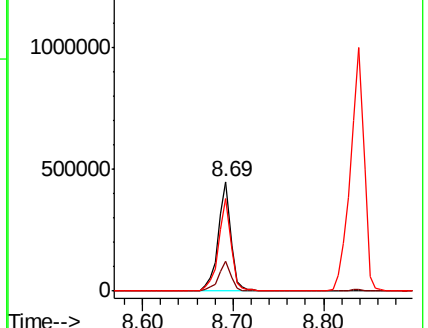
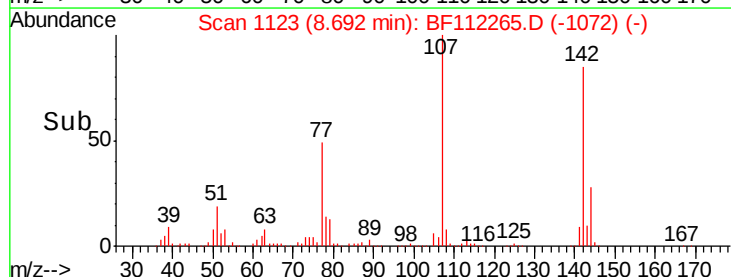
142 84.9 67.7 101.5

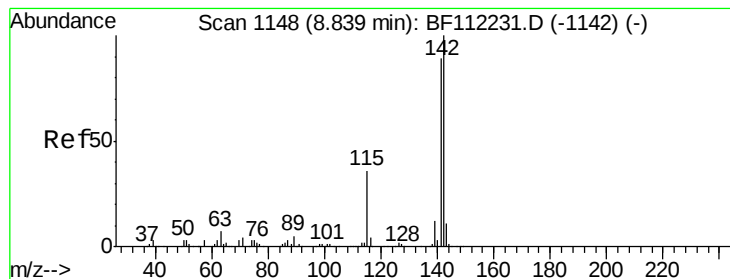


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.327 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

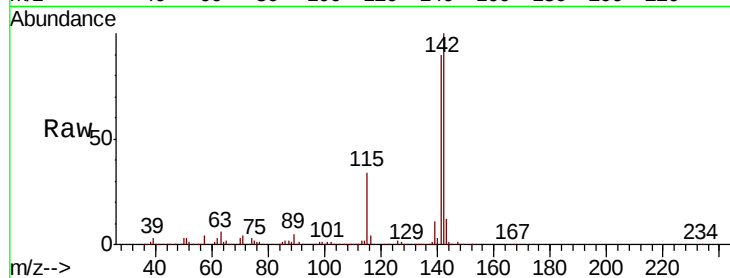
Tot Ion:142 Resp: 1038602

Ion Ratio Lower Upper

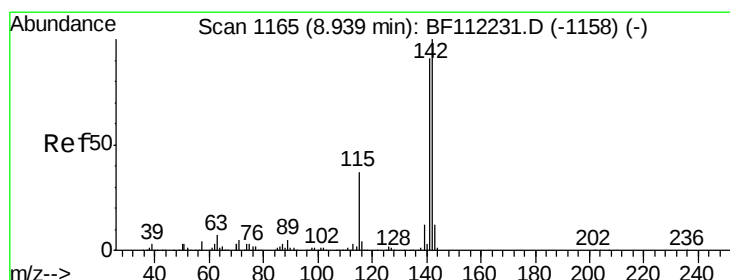
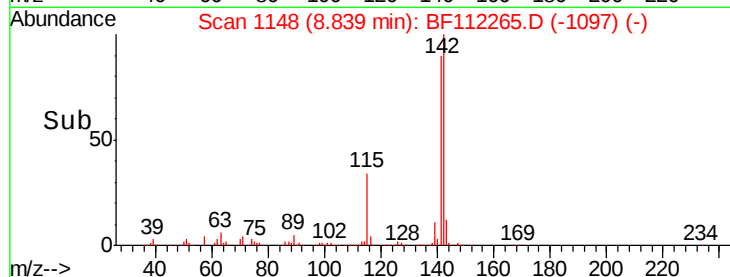
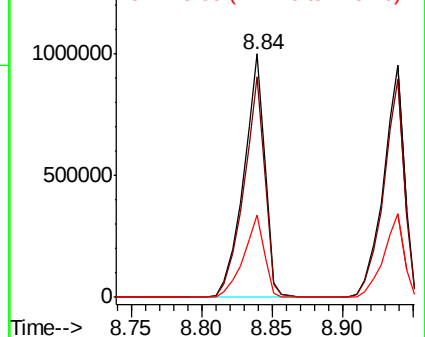
142 100

141 90.5 70.9 106.3

115 33.9 24.9 37.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.381 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

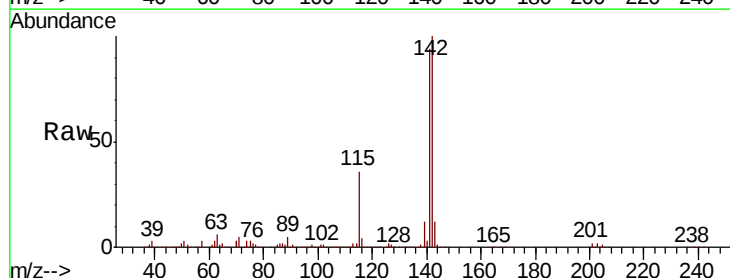
Tgt Ion:142 Resp: 974240

Ion Ratio Lower Upper

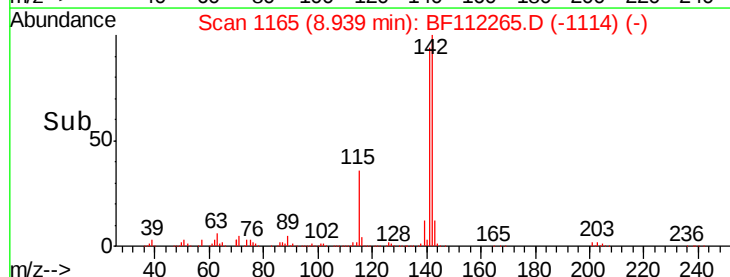
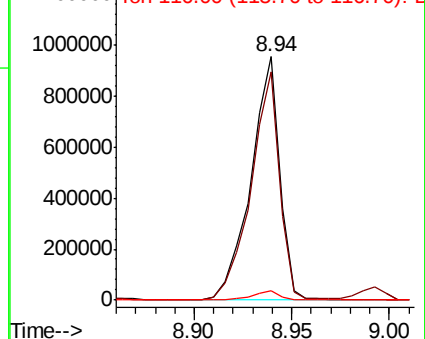
142 100

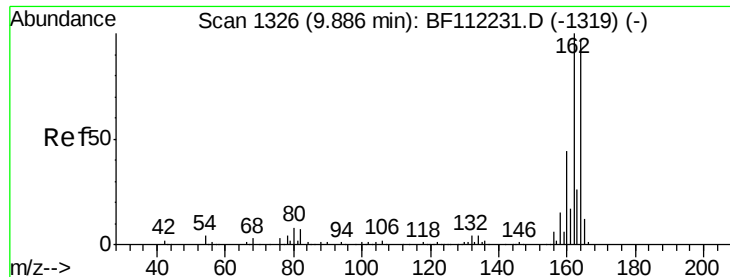
141 94.0 72.6 108.8

116 3.6 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

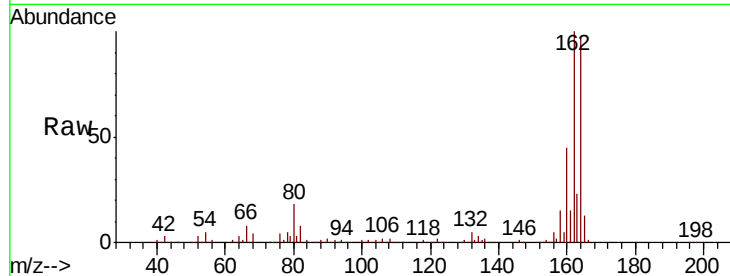




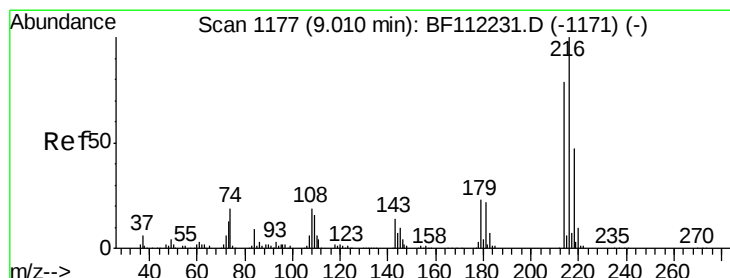
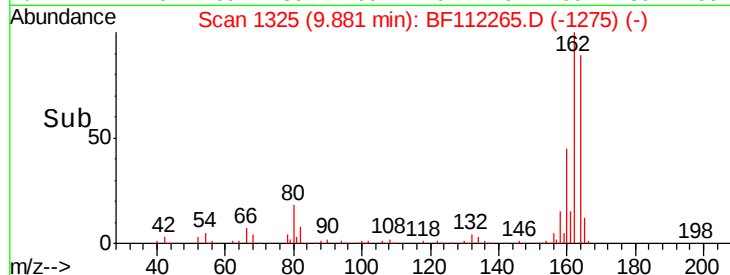
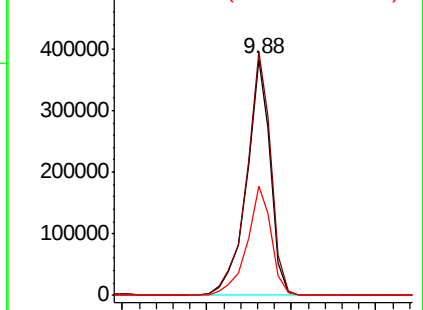
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:164 Resp: 375202
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.4
160 46.3 36.2 54.4

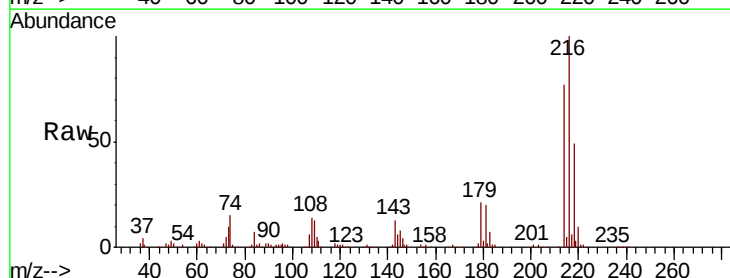


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

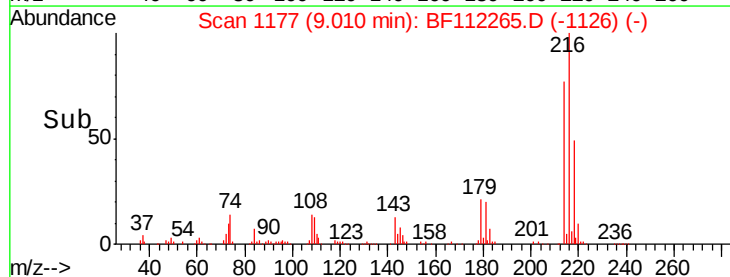
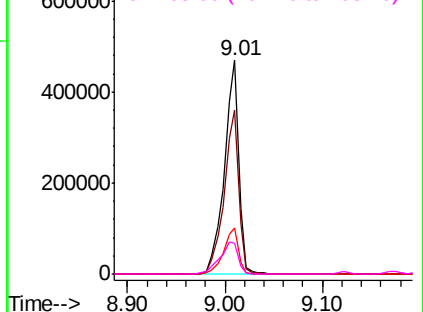


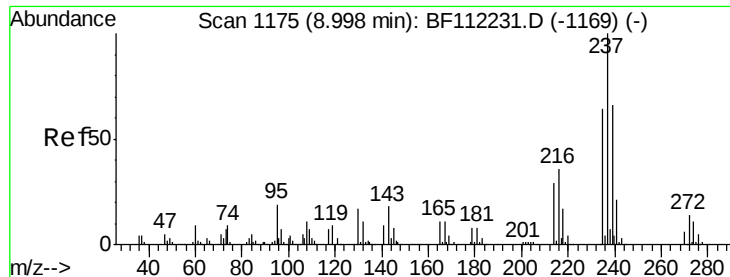
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.857 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:216 Resp: 478682
Ion Ratio Lower Upper
216 100
214 77.8 63.8 95.6
179 21.7 16.9 25.3
108 19.1 14.2 21.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.351 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

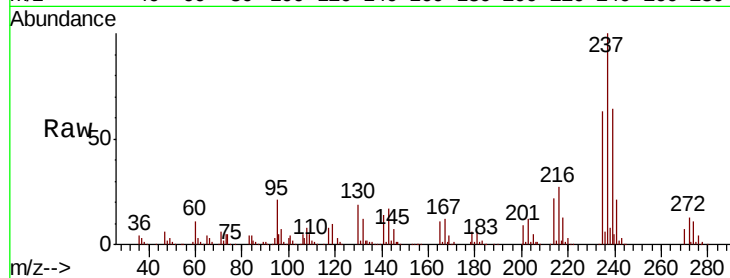
Tot Ion:237 Resp: 354174

Ion Ratio Lower Upper

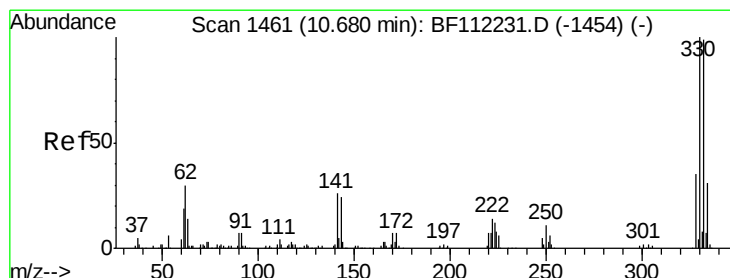
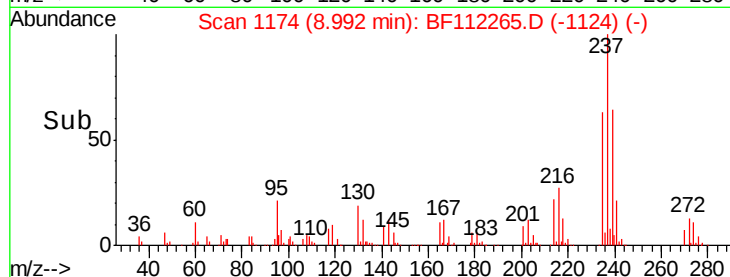
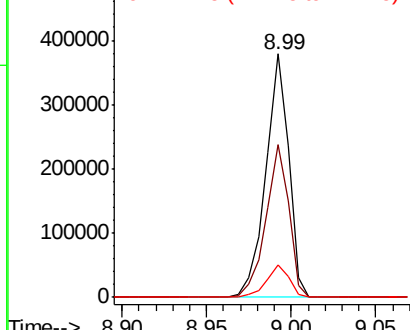
237 100

235 62.7 44.0 84.0

272 13.5 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.318 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

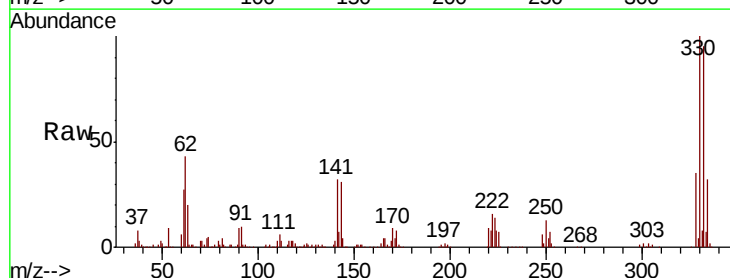
Tgt Ion:330 Resp: 538561

Ion Ratio Lower Upper

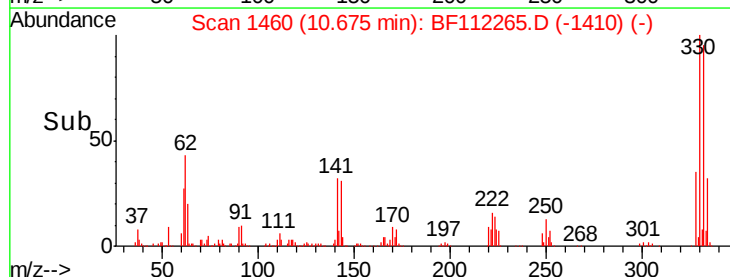
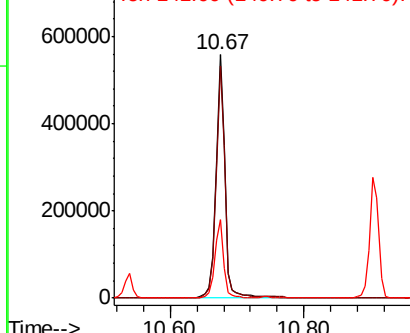
330 100

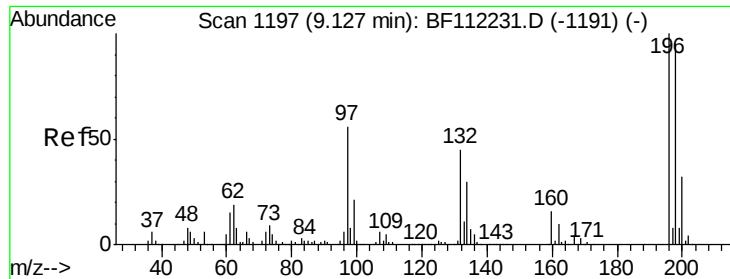
332 94.9 76.6 114.8

141 31.2 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

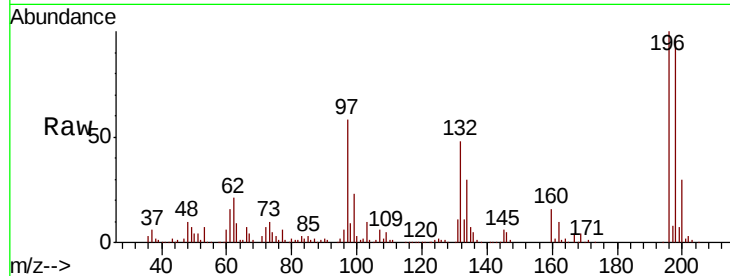




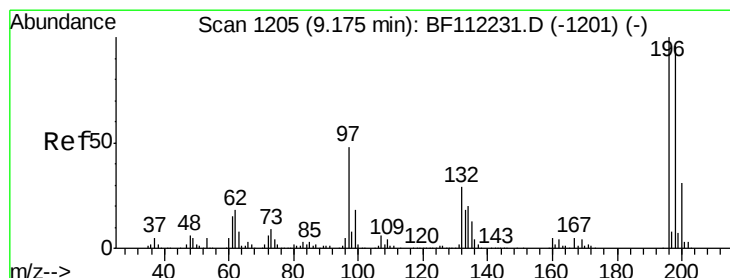
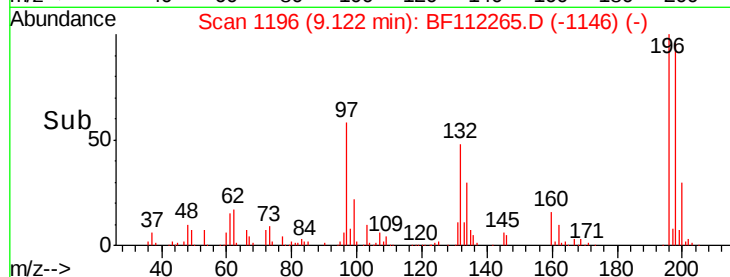
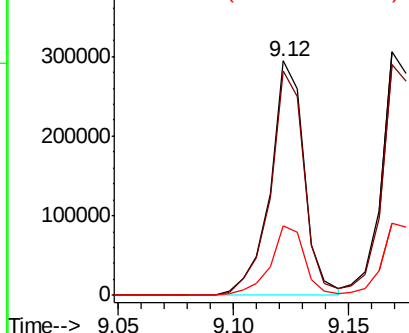
#43
 2,4,6-Trichlorophenol
 Concen: 39.326 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB116607BSD

Tot Ion:196 Resp: 298632
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.2 114.4
 200 29.9 24.3 36.5

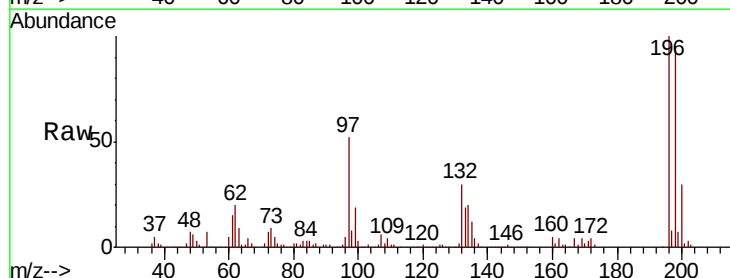


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

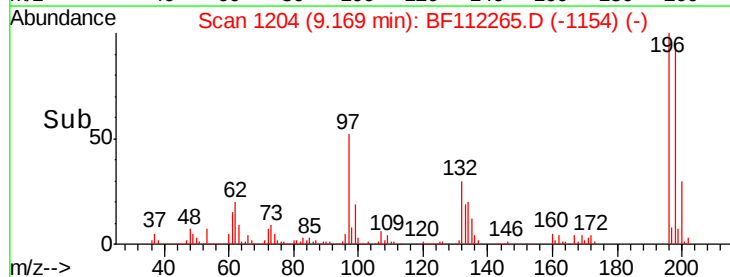
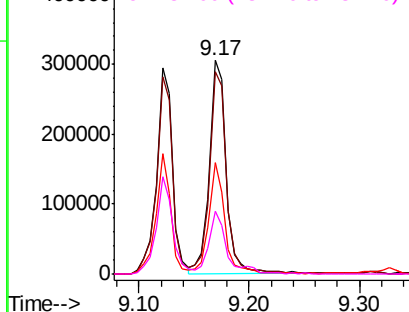


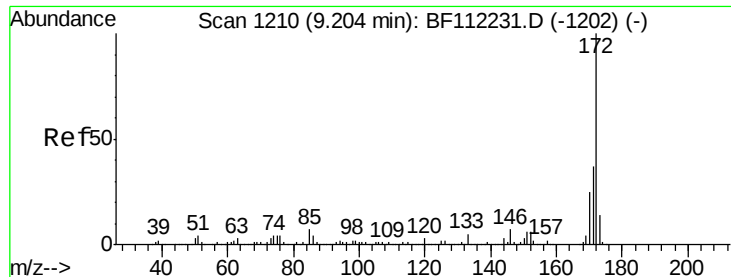
#44
 2,4,5-Trichlorophenol
 Concen: 39.534 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Tgt Ion:196 Resp: 313759
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.0 114.0
 97 52.4 36.4 54.6
 132 29.6 21.5 32.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

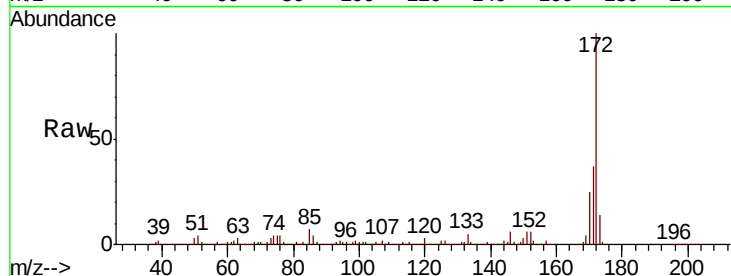




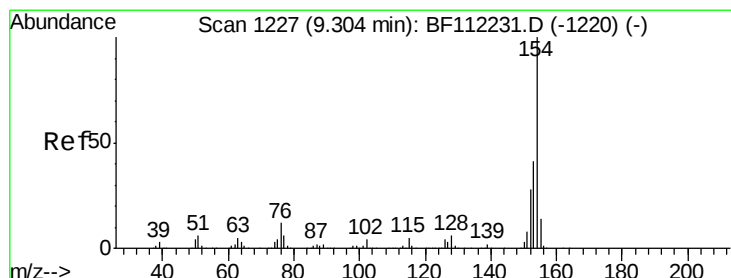
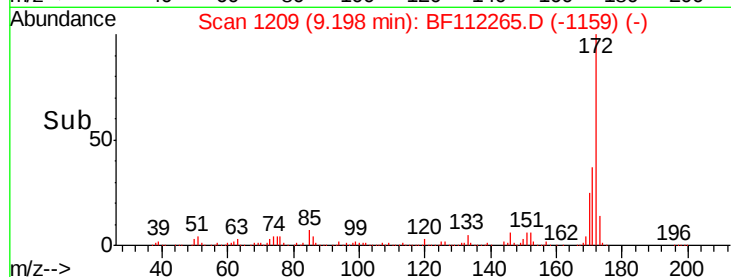
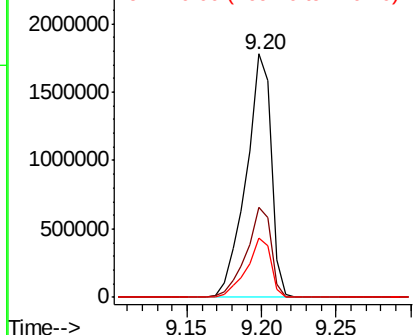
#45
2-Fluorobiphenyl
Concen: 77.788 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:172 Resp: 2063608
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.5 20.2 30.4

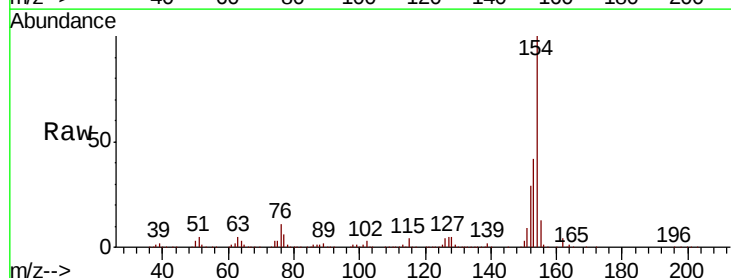


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

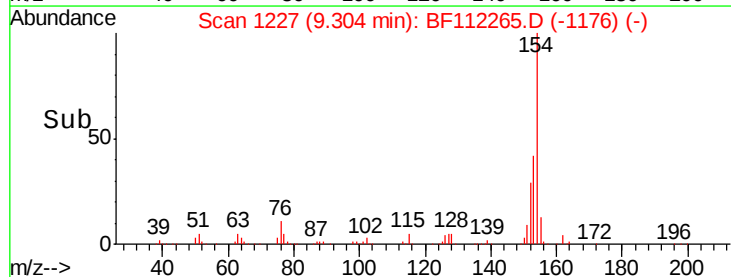
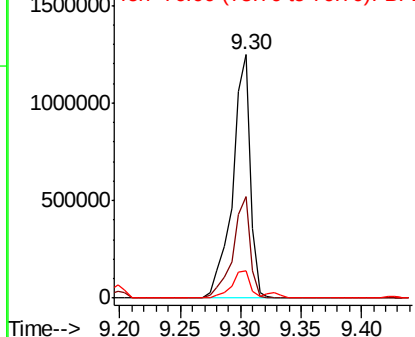


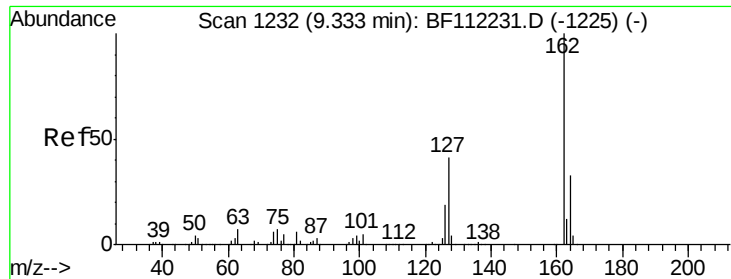
#46
1,1'-Biphenyl
Concen: 38.812 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:154 Resp: 1273098
Ion Ratio Lower Upper
154 100
153 41.8 21.5 61.5
76 11.1 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

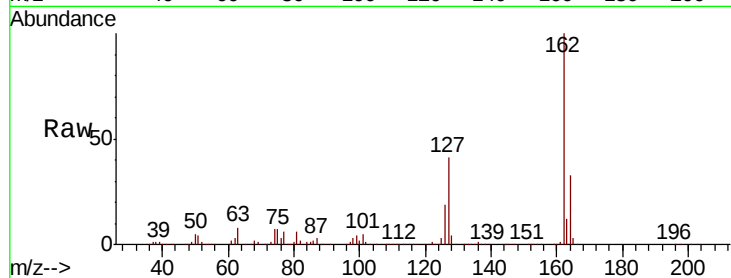




#47
 2-Chloronaphthalene
 Concen: 38.472 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB116607BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.4	45.6
164	33.0	27.4	41.2

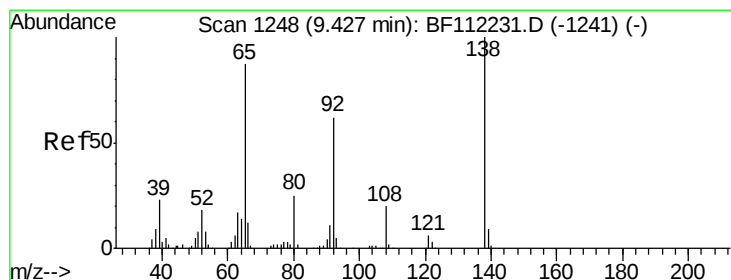
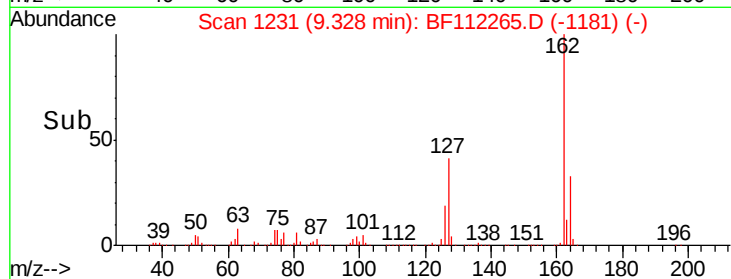
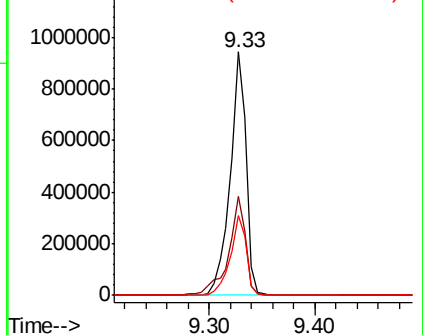


Abundance

Ion 162.00 (161.70 to 162.70): E

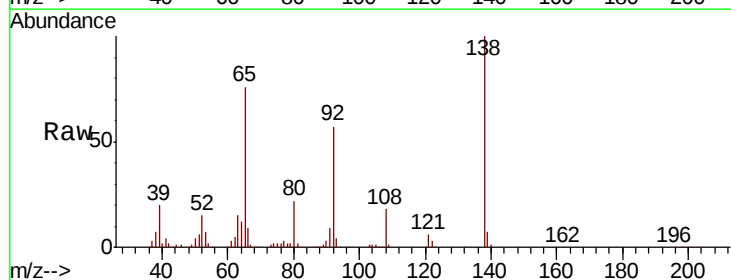
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 38.042 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	60.4	90.6
138	131.0	104.4	156.6

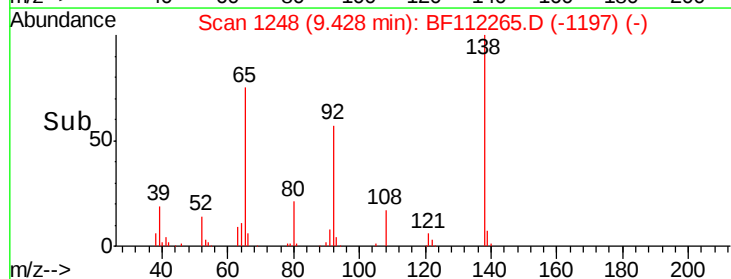
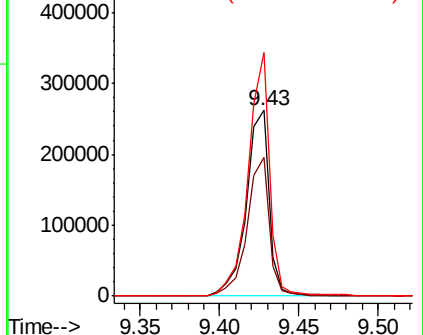


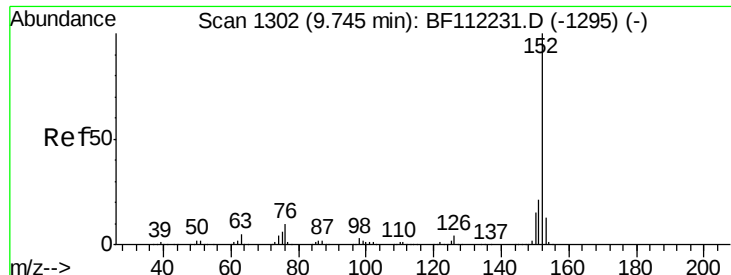
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.490 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

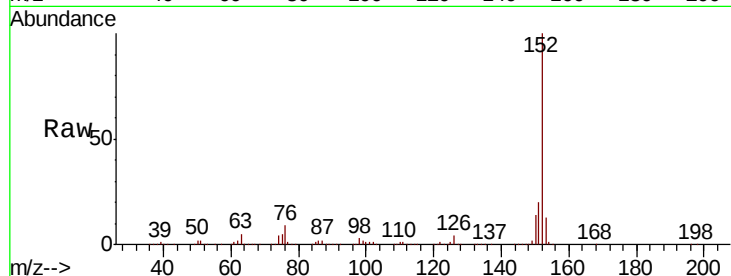
BNA_F

ClientSampleId :

PB116607BSD

Tot Ion:152 Resp: 1546834

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.6
153	13.4	11.2	16.8

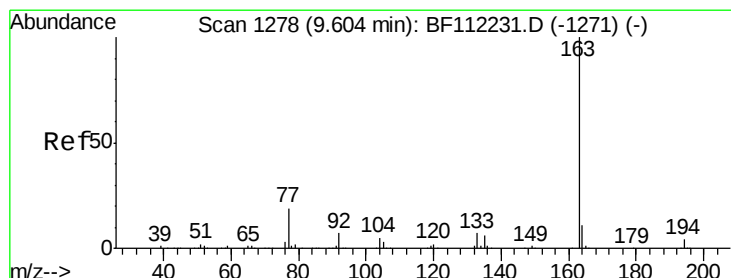
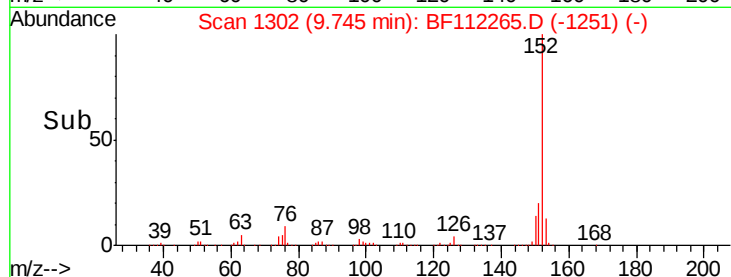
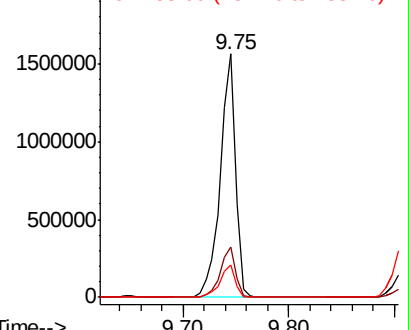


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.750 ng

RT: 9.60 min Scan# 1277

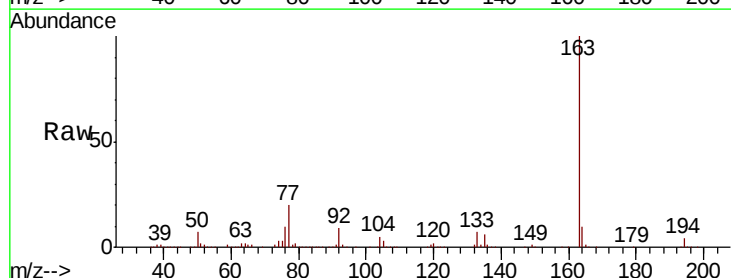
Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Tgt Ion:163 Resp: 1158773

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.5	12.7

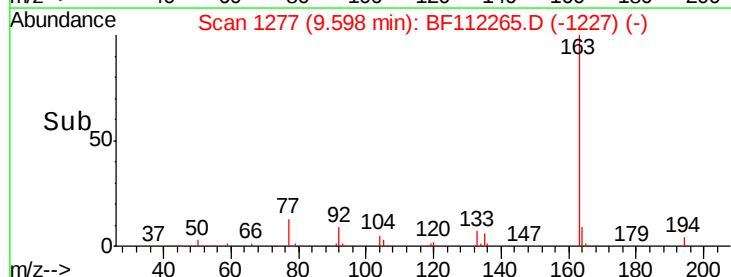
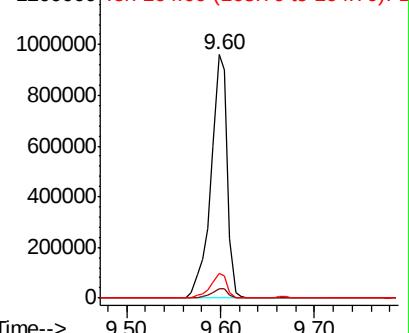


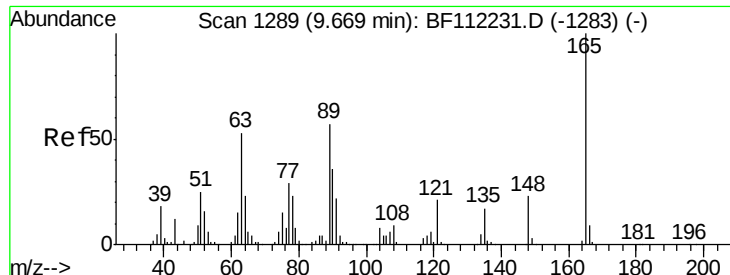
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.720 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

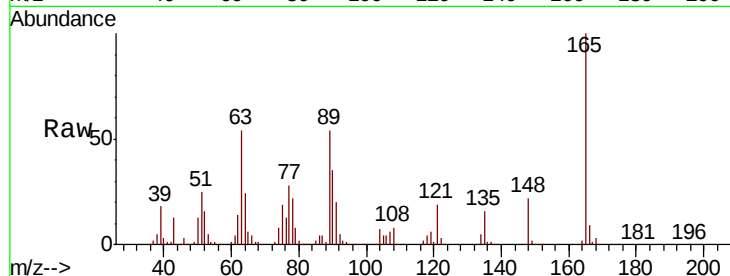
Tot Ion:165 Resp: 259323

Ion Ratio Lower Upper

165 100

63 53.6 33.8 50.8#

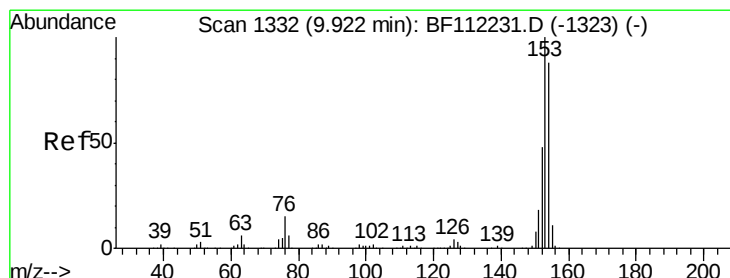
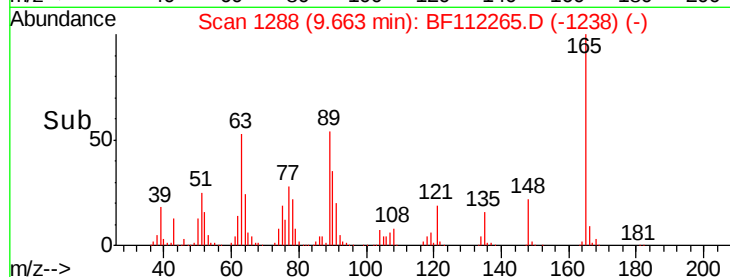
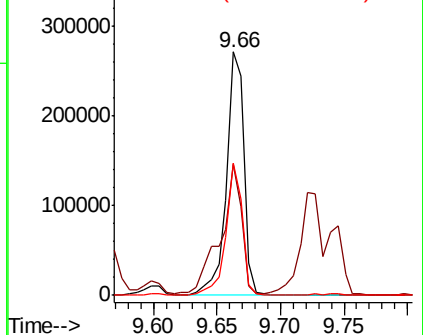
89 54.1 36.9 55.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.630 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

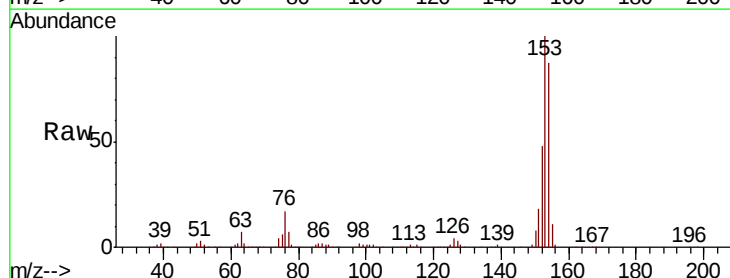
Tgt Ion:154 Resp: 882613

Ion Ratio Lower Upper

154 100

153 114.4 89.8 134.6

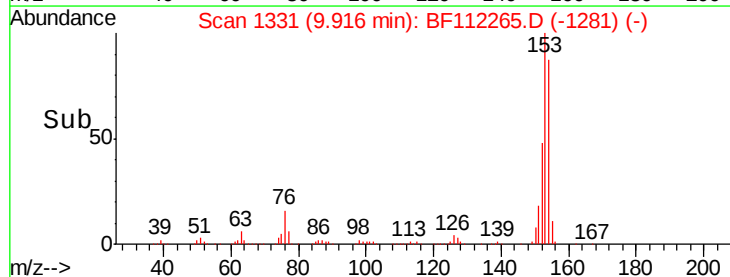
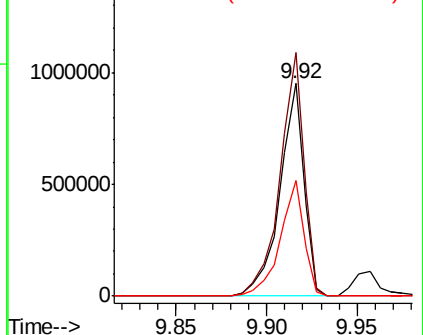
152 54.5 43.5 65.3

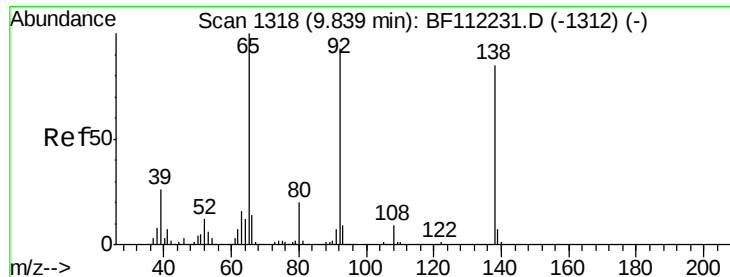


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

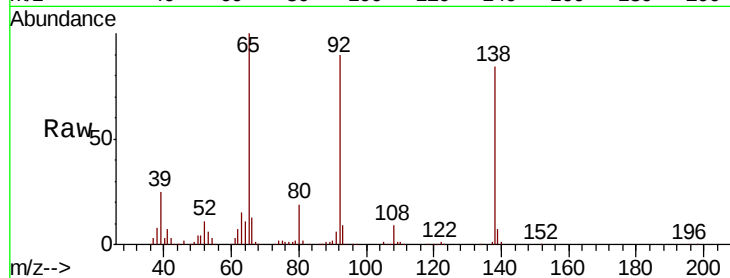




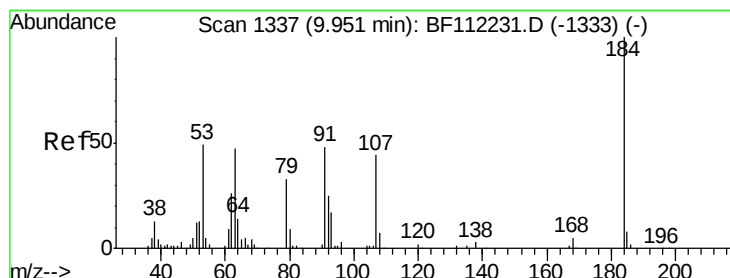
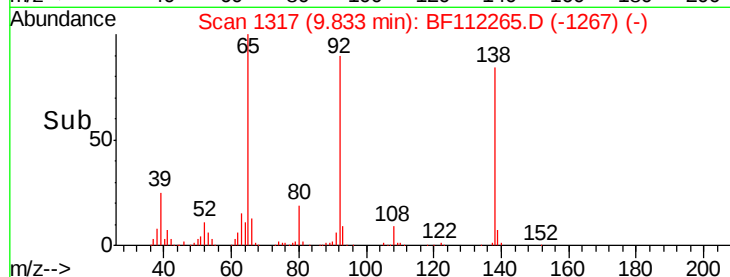
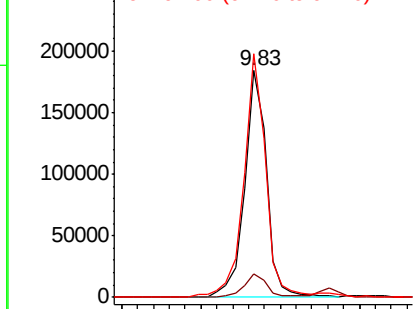
#53
3-Nitroaniline
Concen: 25.020 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:138 Resp: 176969
Ion Ratio Lower Upper
138 100
108 10.2 9.8 14.6
92 107.4 79.4 119.2

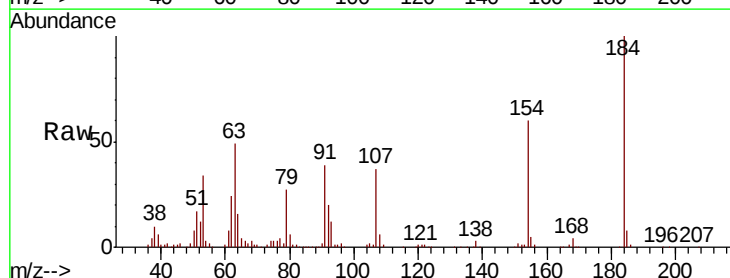


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

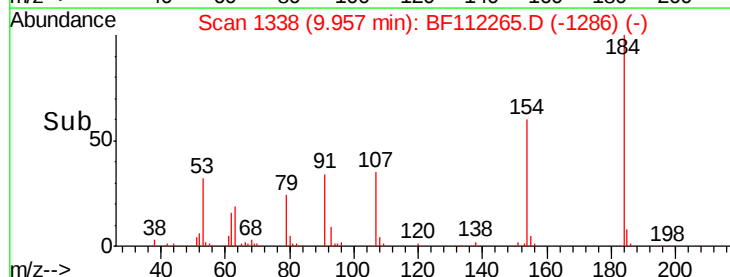
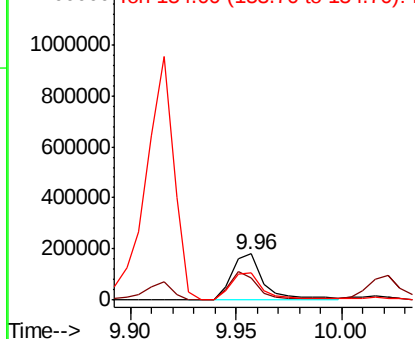


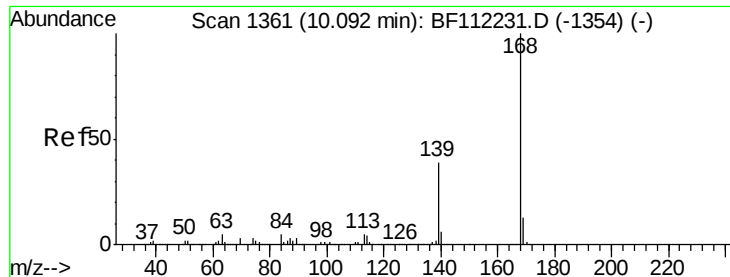
#54
2,4-Dinitrophenol
Concen: 90.678 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:184 Resp: 189995
Ion Ratio Lower Upper
184 100
63 49.1 47.1 70.7
154 59.9 48.9 73.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

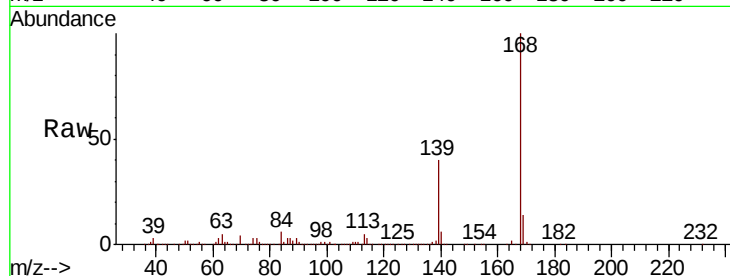




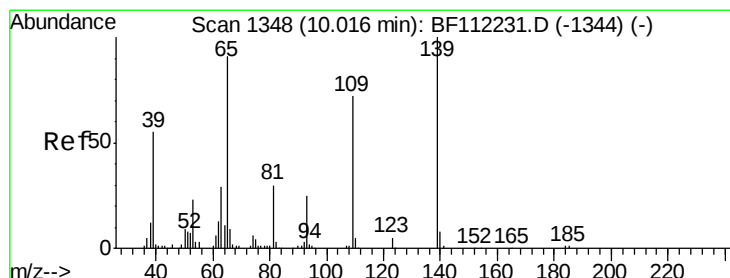
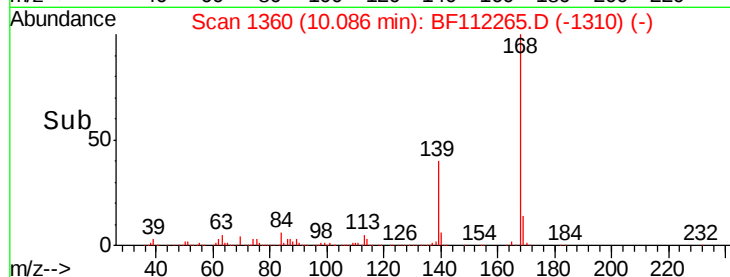
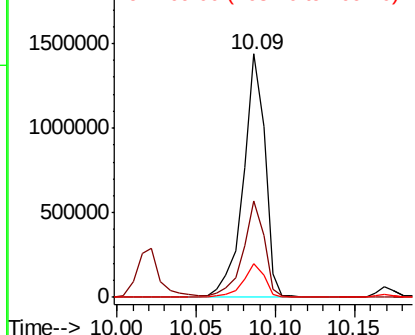
#55
Dibenzofuran
Concen: 39.827 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:168 Resp: 1355496
Ion Ratio Lower Upper
168 100
139 39.6 29.2 43.8
169 13.6 11.4 17.0

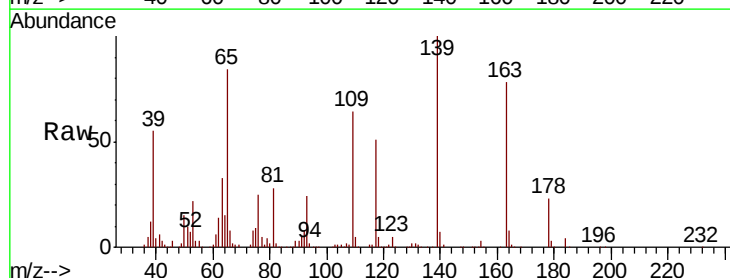


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

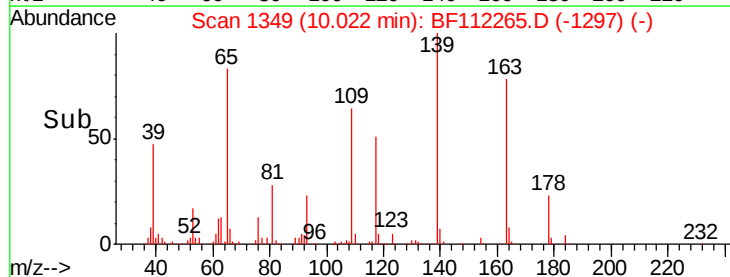
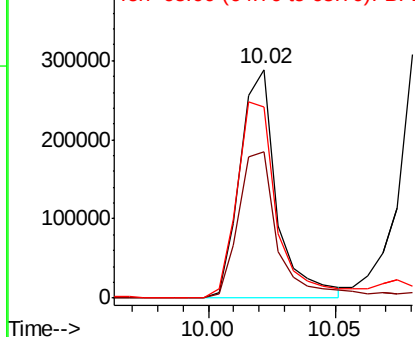


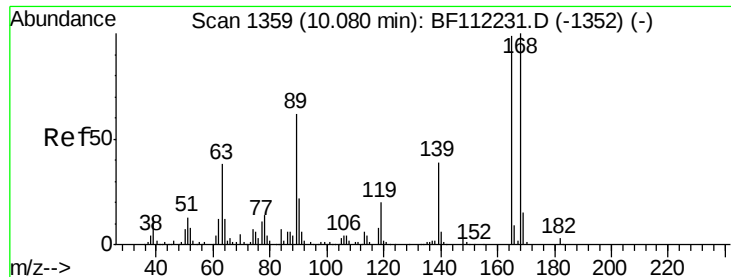
#56
4-Nitrophenol
Concen: 78.420 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:139 Resp: 293249
Ion Ratio Lower Upper
139 100
109 64.0 42.8 82.8
65 83.8 66.1 106.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.494 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

Tot Ion:165 Resp: 336571

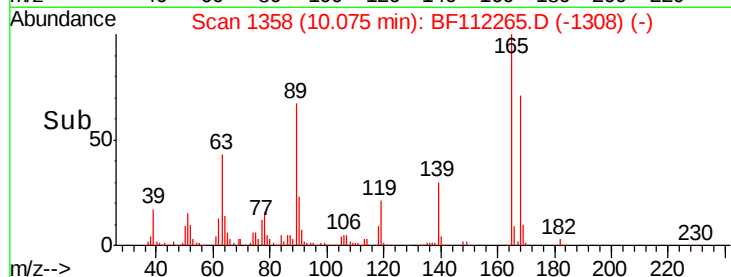
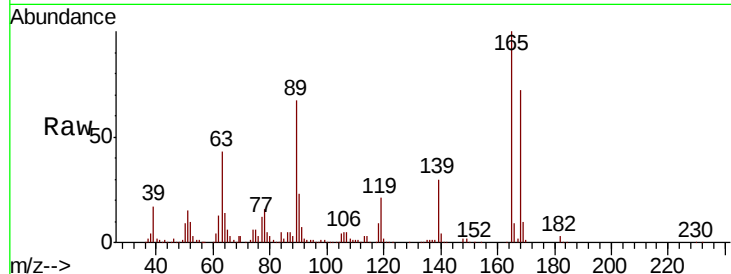
Ion Ratio Lower Upper

165 100

63 43.3 27.9 41.9#

89 67.1 47.9 71.9

182 2.5 2.2 3.4

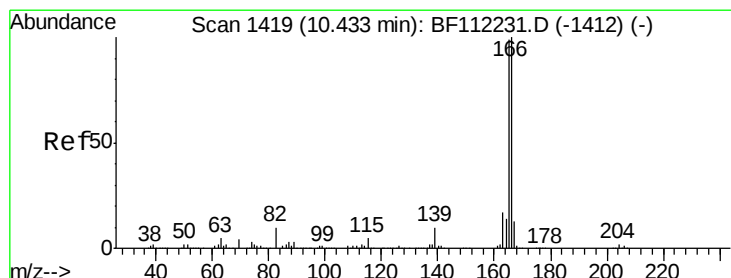
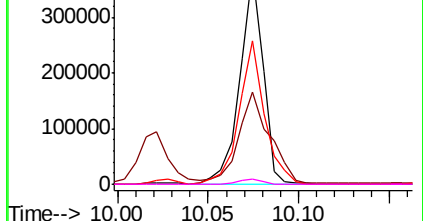


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.663 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

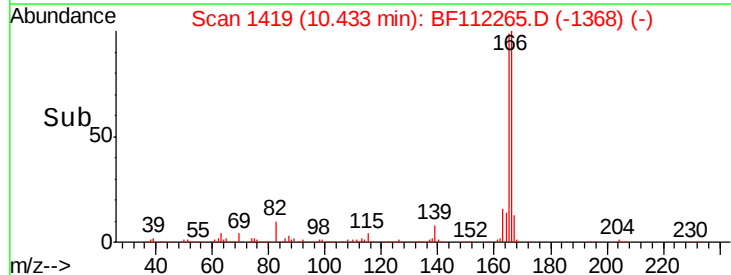
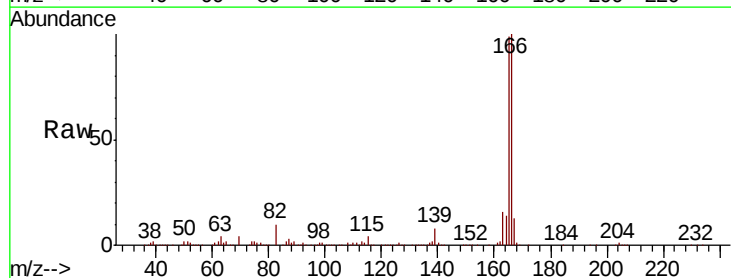
Tgt Ion:166 Resp: 1086585

Ion Ratio Lower Upper

166 100

165 98.9 77.1 115.7

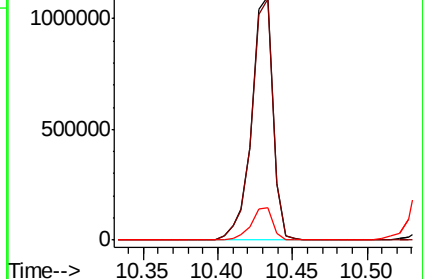
167 13.4 11.3 16.9

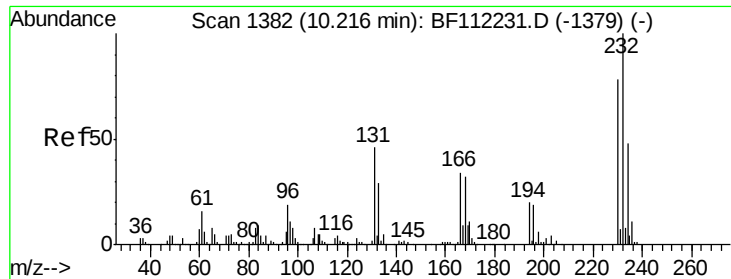


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

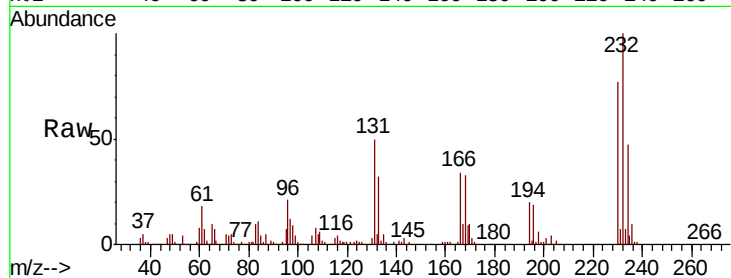




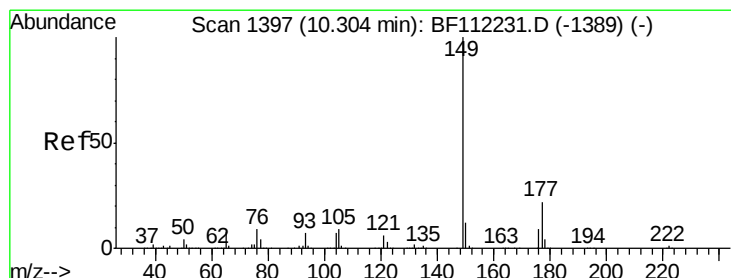
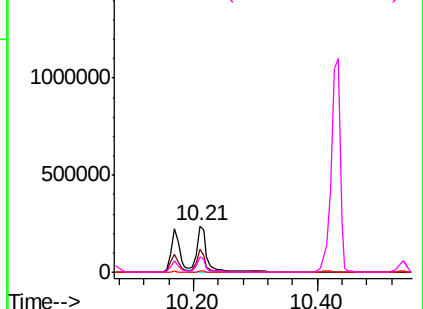
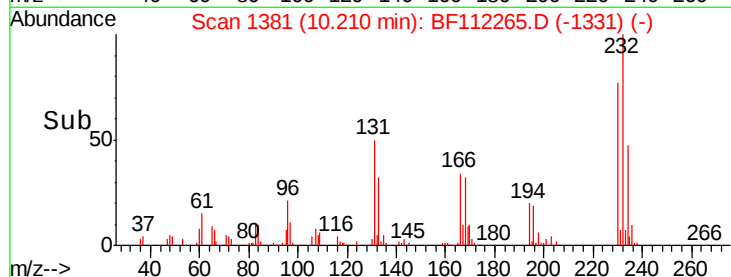
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.069 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:232 Resp: 276302
Ion Ratio Lower Upper
232 100
131 40.3 33.9 50.9
130 2.6 1.8 2.6
166 27.5 23.6 35.4

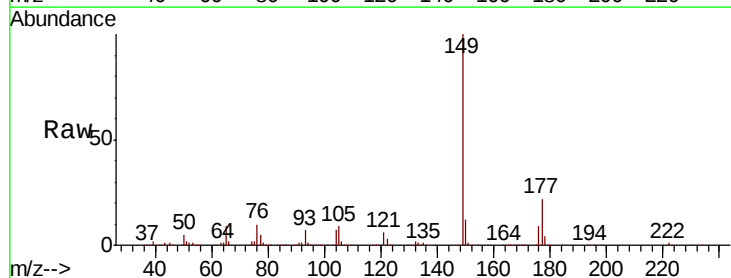


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

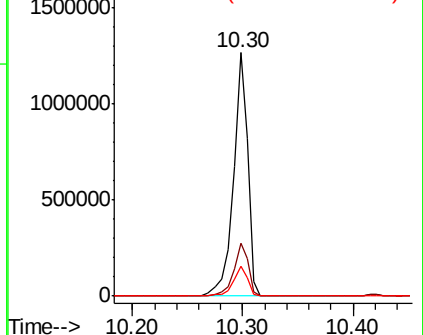
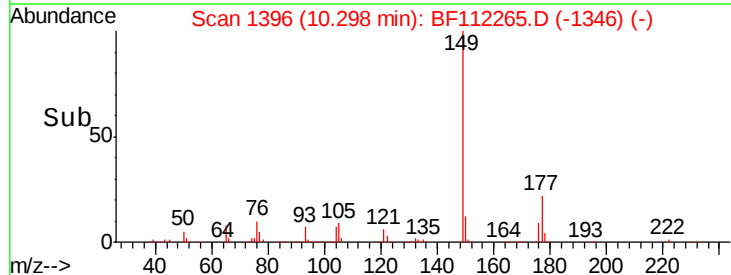


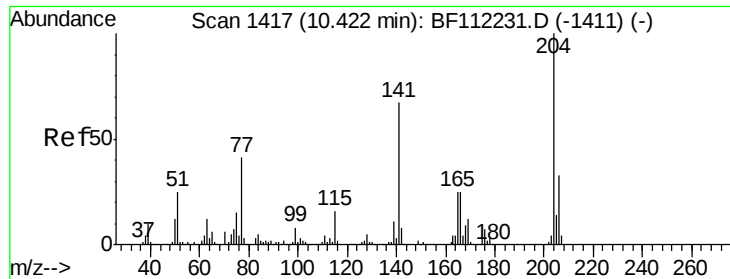
#60
Diethylphthalate
Concen: 39.732 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:149 Resp: 1149433
Ion Ratio Lower Upper
149 100
177 21.7 18.2 27.2
150 12.3 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

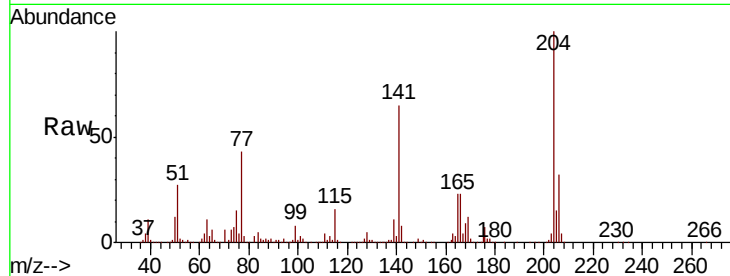




#61
4-Chlorophenyl-phenylether
Concen: 38.303 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	64.6	45.9	68.9

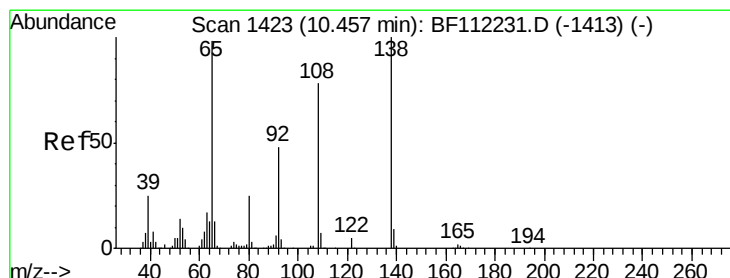
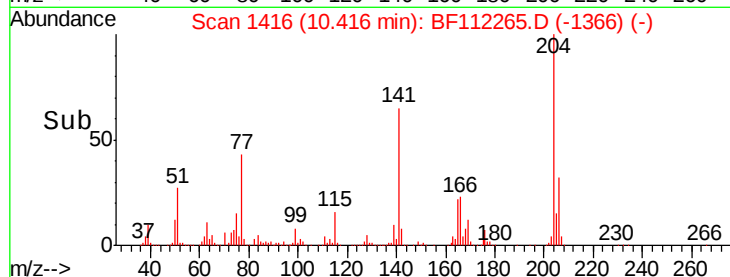
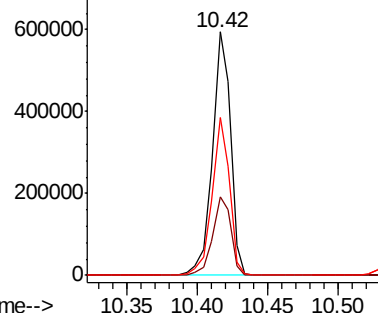


Abundance

Ion 204.00 (203.70 to 204.70): E

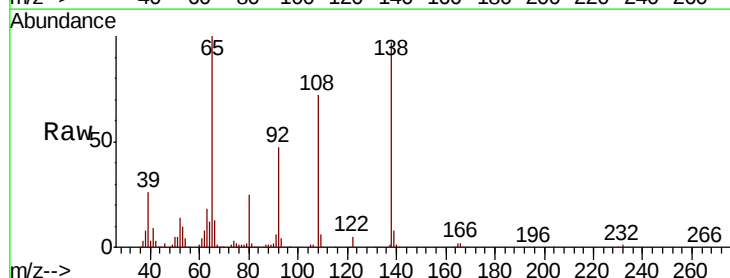
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.577 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	30.6	70.6
108	73.9	50.0	90.0

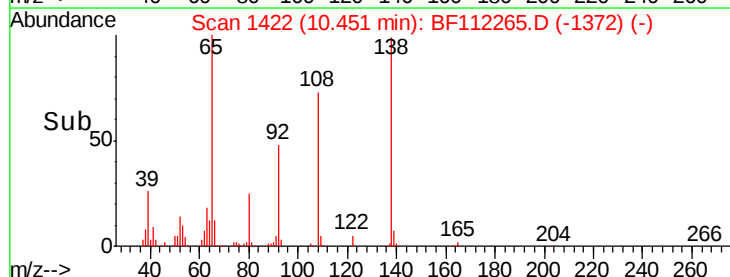
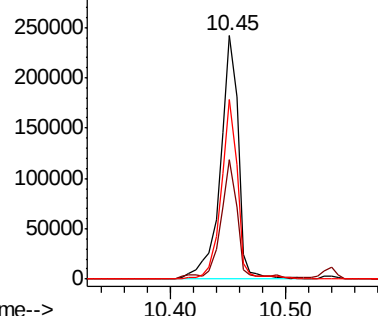


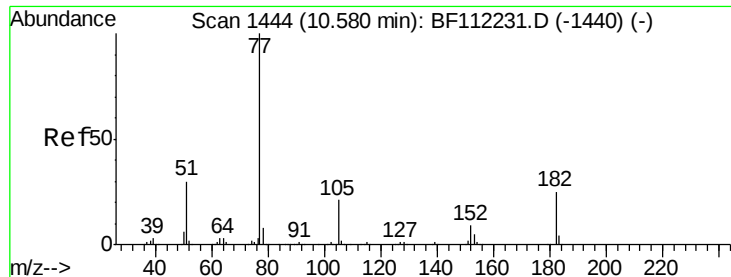
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.398 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

Tot Ion: 77 Resp: 1002395

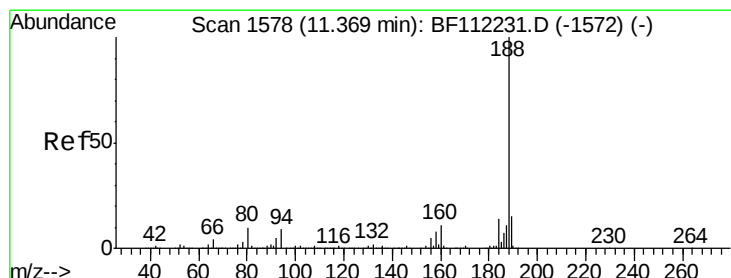
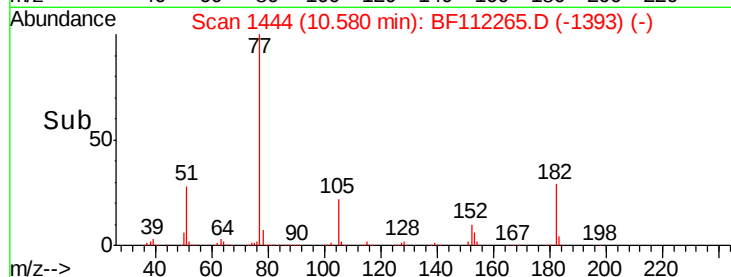
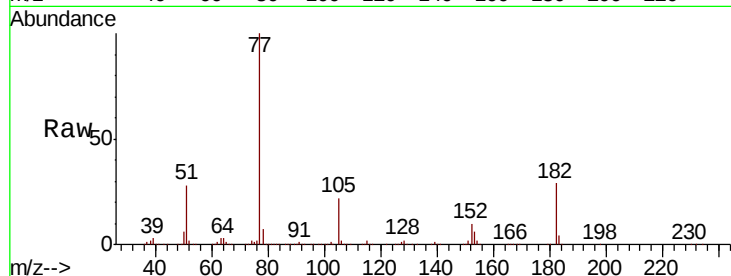
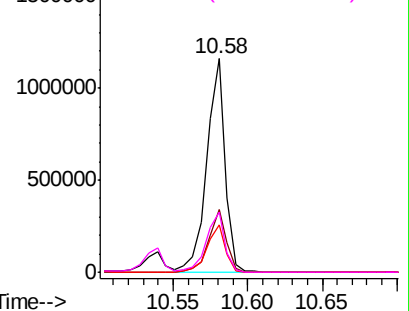
Ion	Ratio	Lower	Upper
77	100		
182	29.2	5.7	45.7
105	22.4	1.4	41.4
51	28.3	9.5	49.5

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

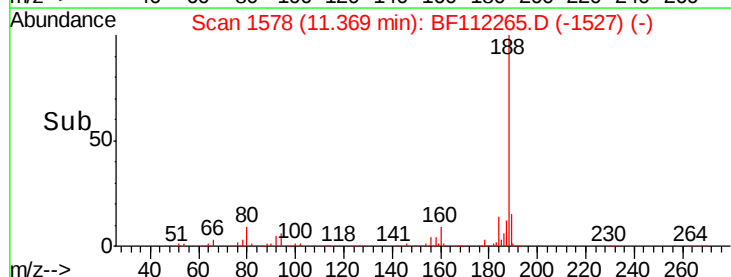
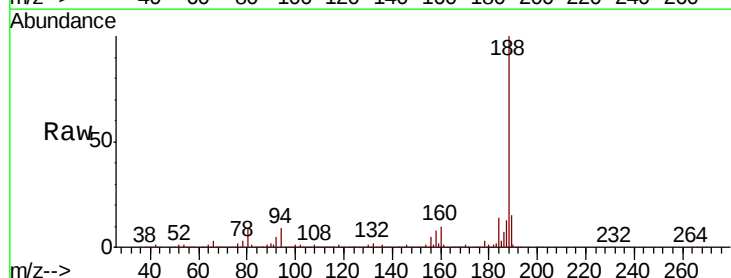
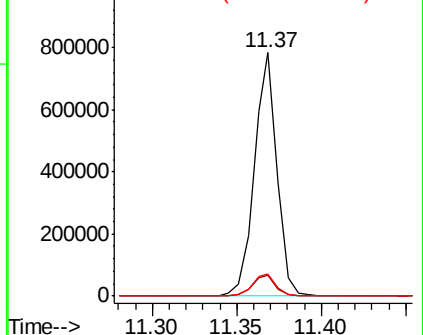
Tgt Ion: 188 Resp: 730352

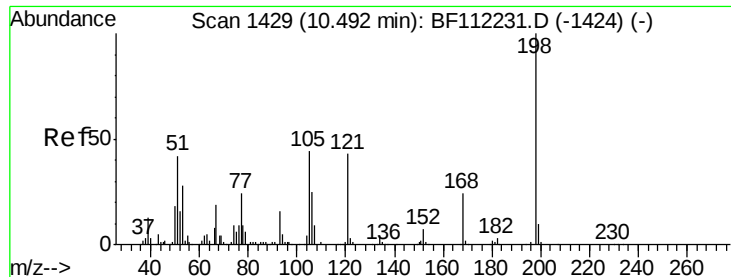
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.2	8.9	13.3

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

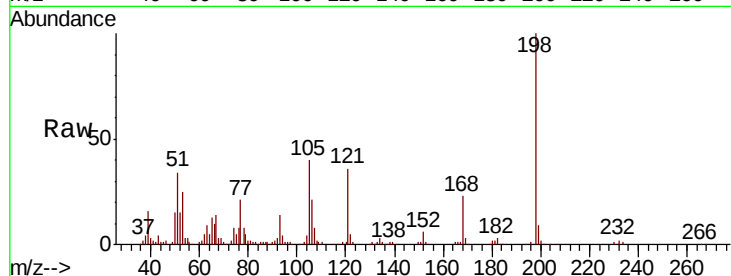




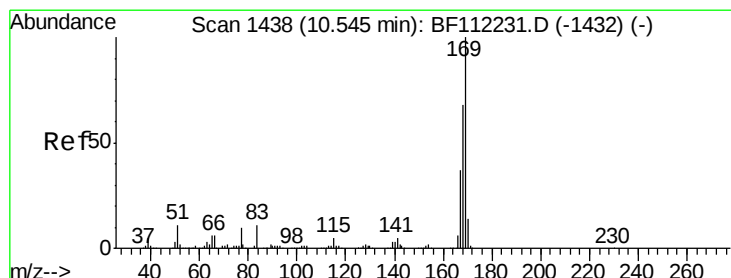
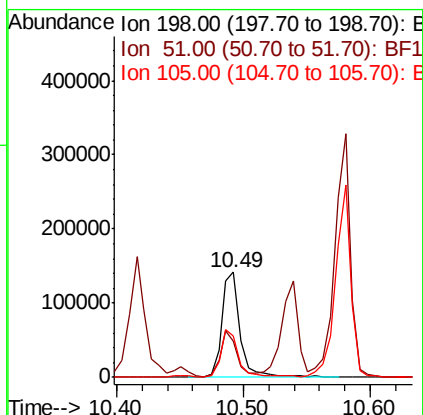
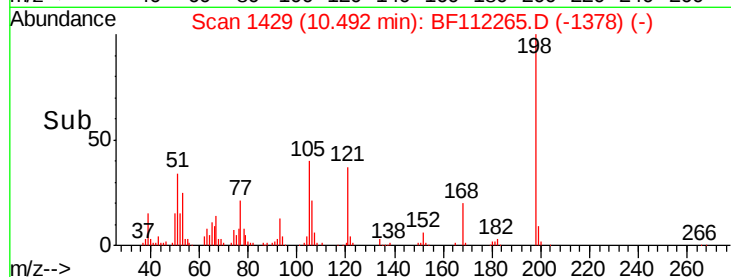
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.893 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB116607BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.0	17.2	57.2
105	39.5	21.9	61.9

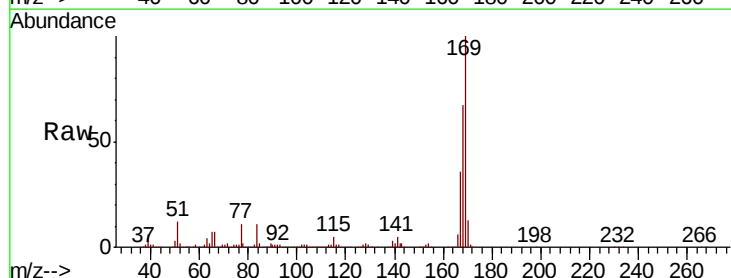


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

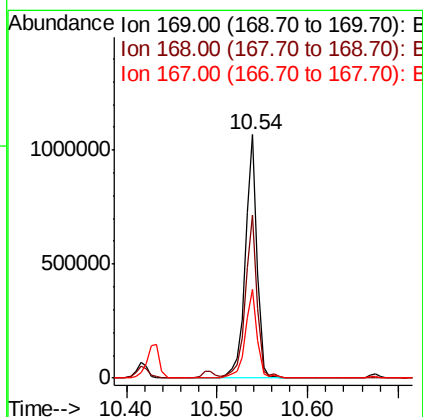
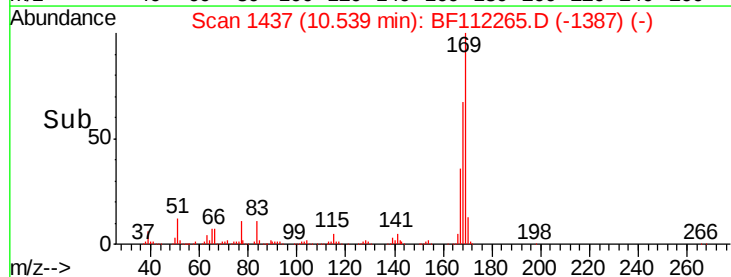


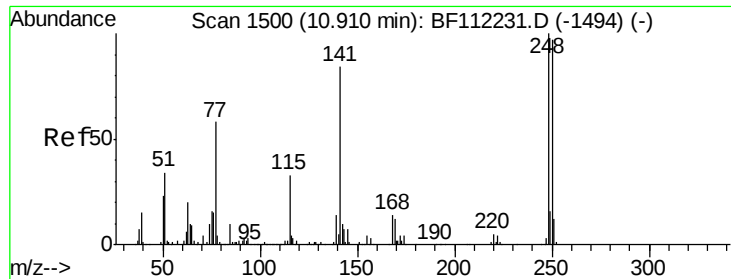
#66
 n-Nitrosodiphenylamine
 Concen: 39.155 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.9	80.9
167	36.5	28.9	43.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

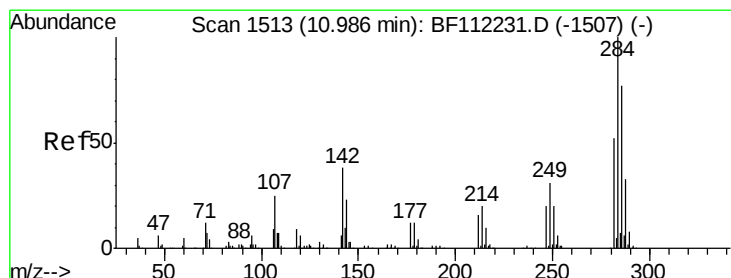
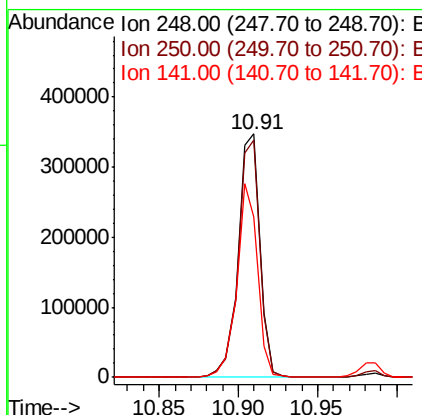
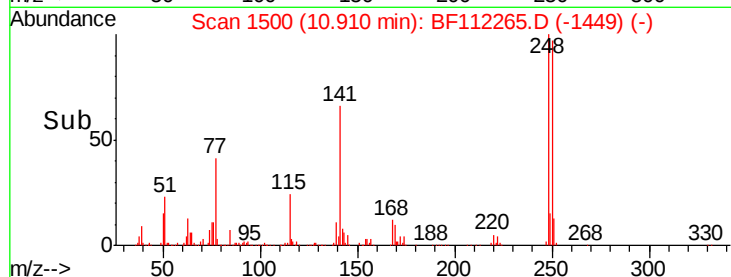
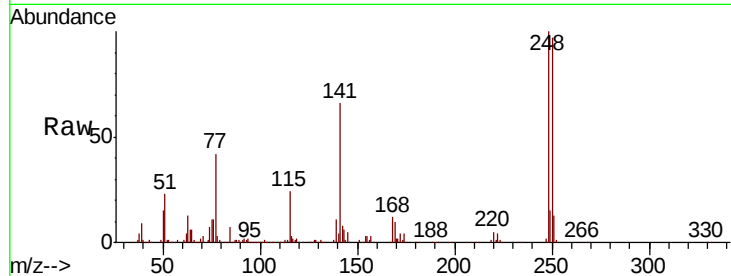




#67
4-Bromophenyl-phenylether
Concen: 38.596 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

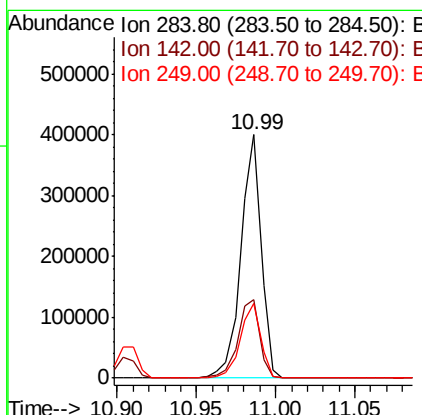
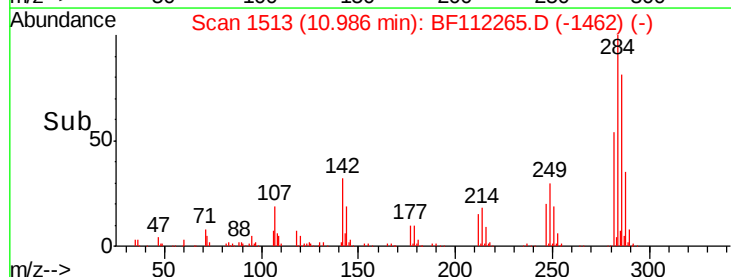
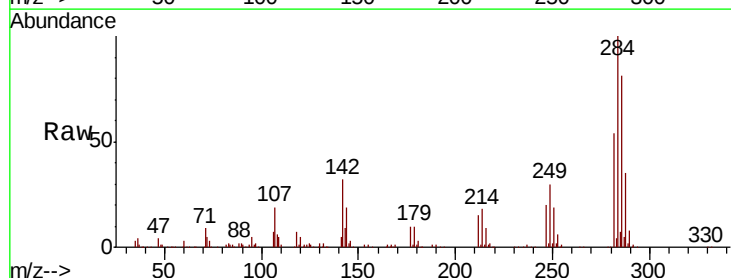
Instrument :
BNA_F
ClientSampleId :
PB116607BSD

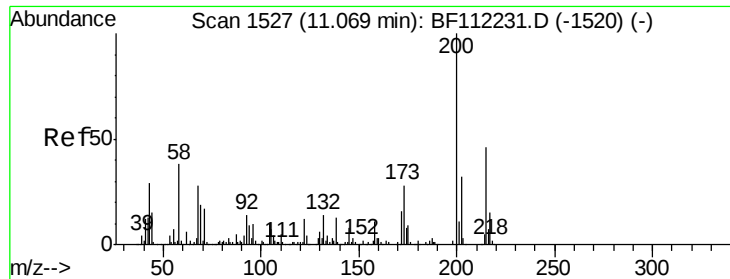
Tot Ion:248 Resp: 331538
Ion Ratio Lower Upper
248 100
250 97.2 79.7 119.5
141 65.9 60.3 90.5



#68
Hexachlorobenzene
Concen: 38.346 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:284 Resp: 353395
Ion Ratio Lower Upper
284 100
142 32.2 27.6 41.4
249 30.4 24.1 36.1

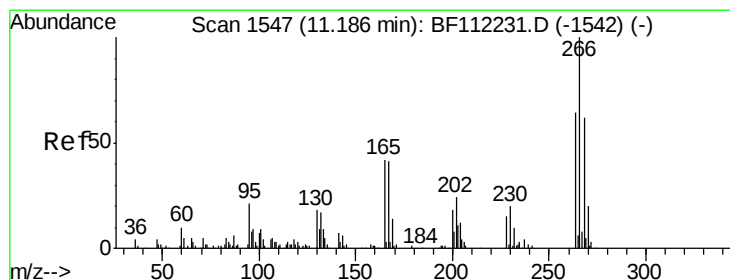
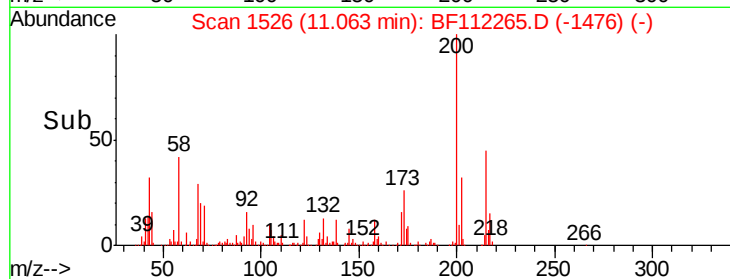
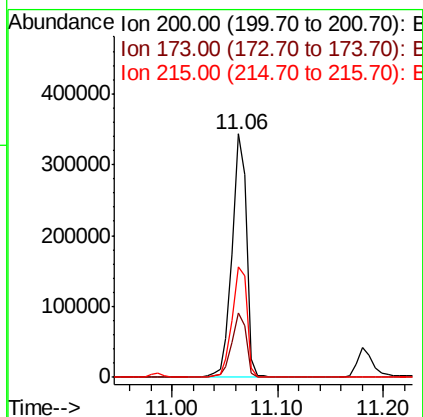
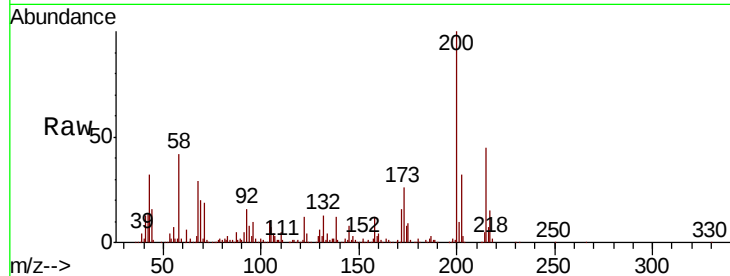




#69
Atrazine
Concen: 40.755 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

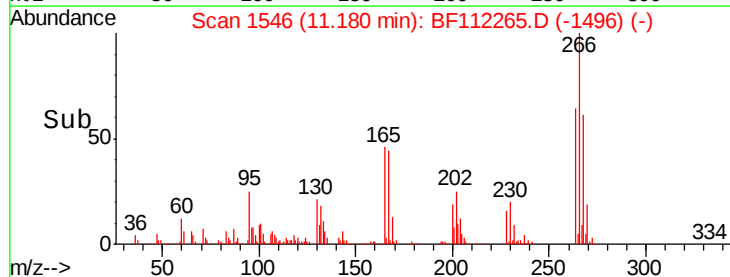
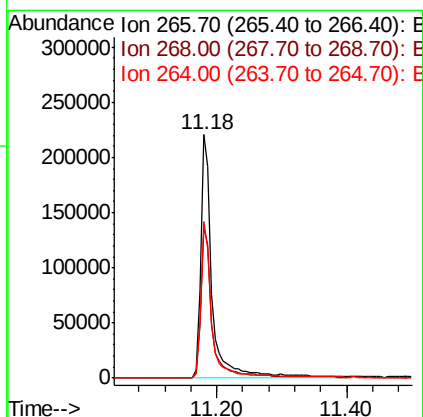
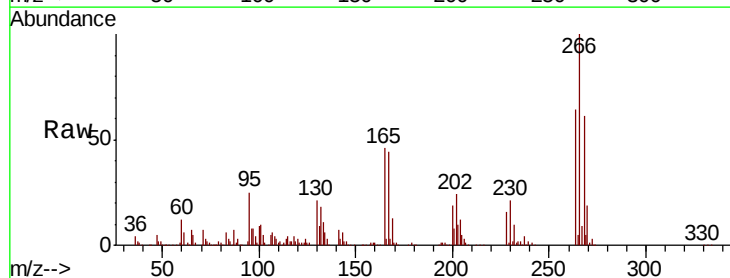
Instrument :
BNA_F
ClientSampleId :
PB116607BSD

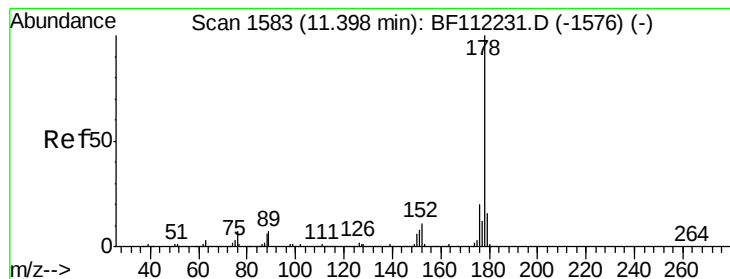
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.1	47.1
215	45.4	30.4	70.4



#70
Pentachlorophenol
Concen: 74.110 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.2	76.8
264	64.1	50.9	76.3





#71

Phenanthrene

Concen: 41.009 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

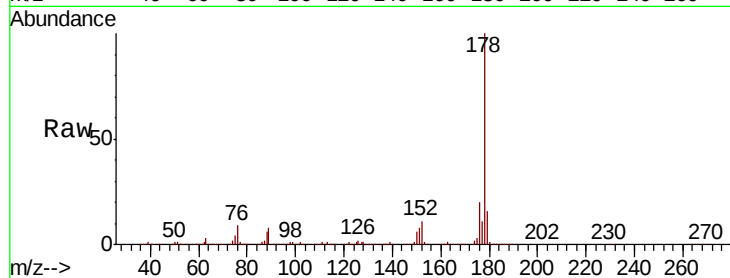
Tot Ion:178 Resp: 1557121

Ion Ratio Lower Upper

178 100

176 19.5 16.3 24.5

179 15.7 13.0 19.4

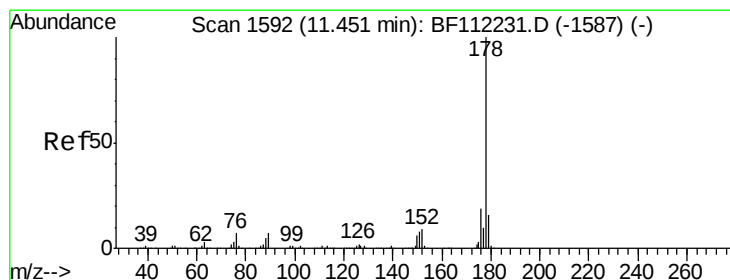
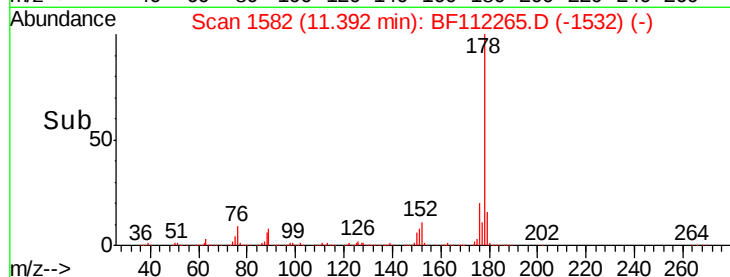
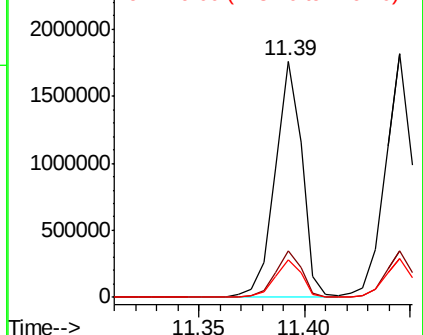


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.623 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

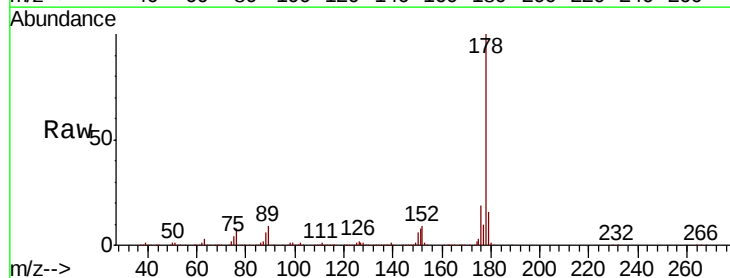
Tgt Ion:178 Resp: 1612119

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 16.2 12.8 19.2

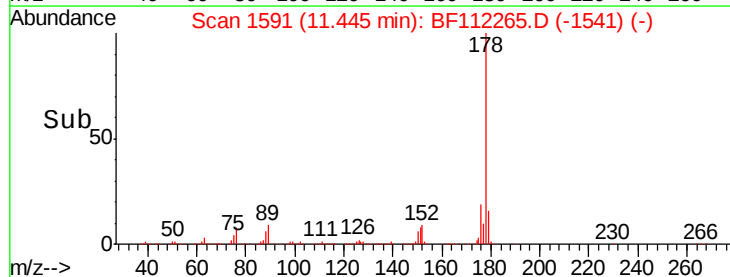
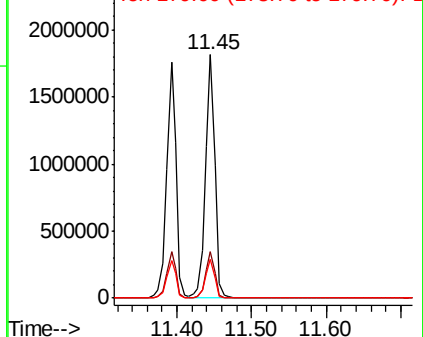


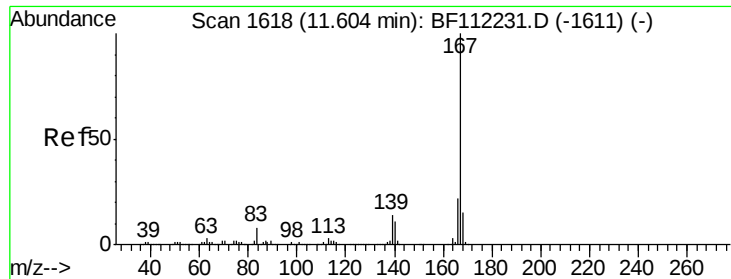
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



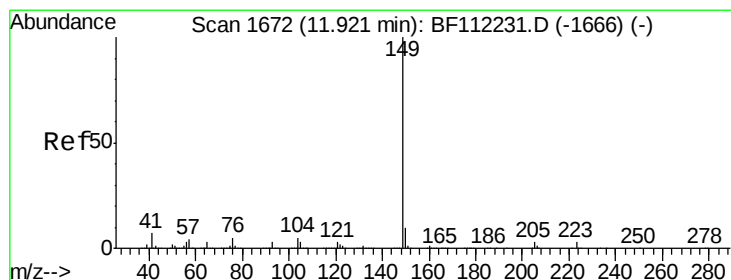
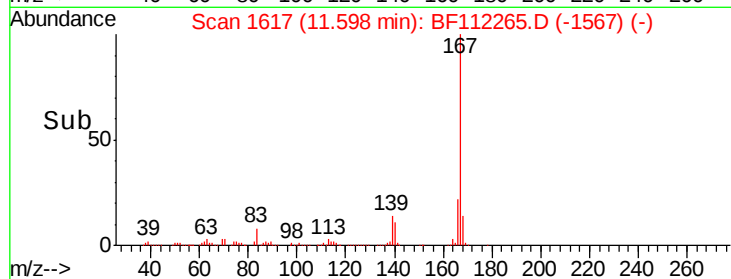
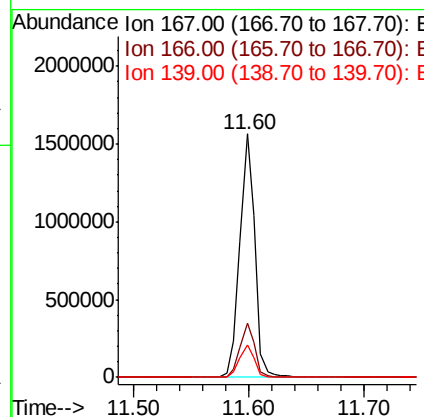
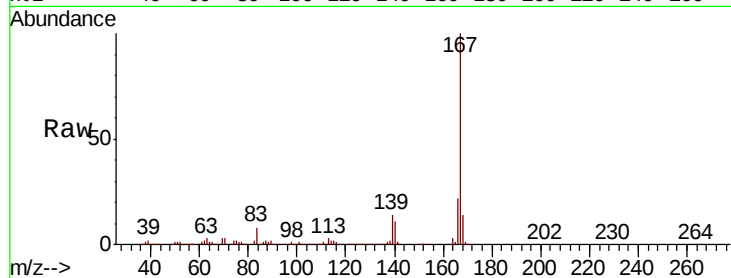


#73
 Carbazole
 Concen: 37.862 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB116607BSD

Tot Ion:167 Resp: 1412589

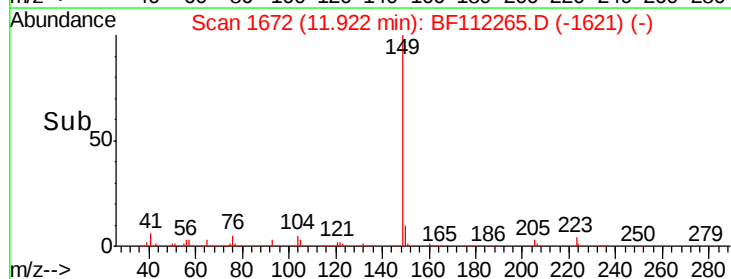
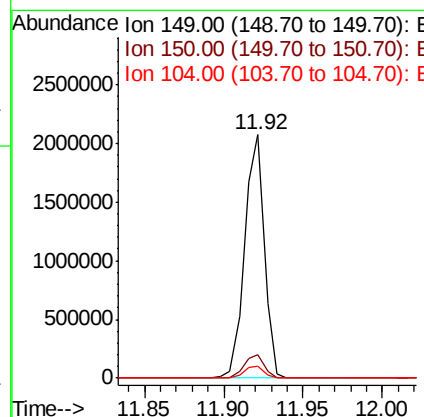
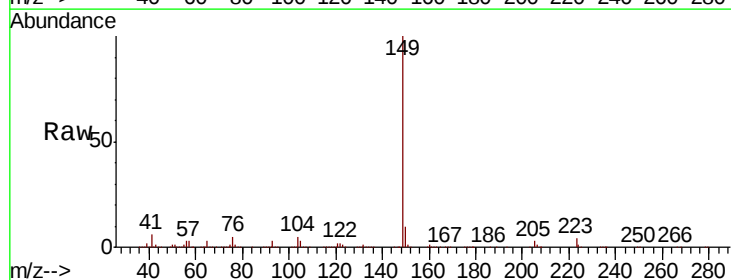
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.5	10.2	15.2

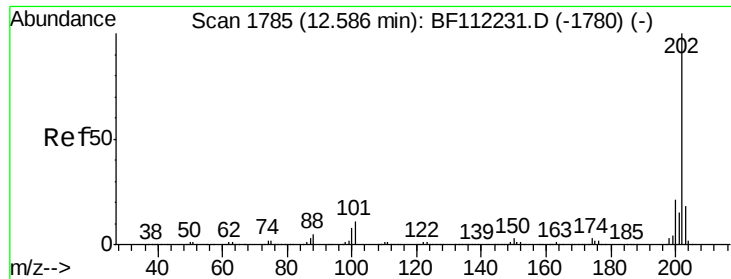


#74
 Di-n-butylphthalate
 Concen: 38.429 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Tgt Ion:149 Resp: 1779629

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.7	3.9	5.9

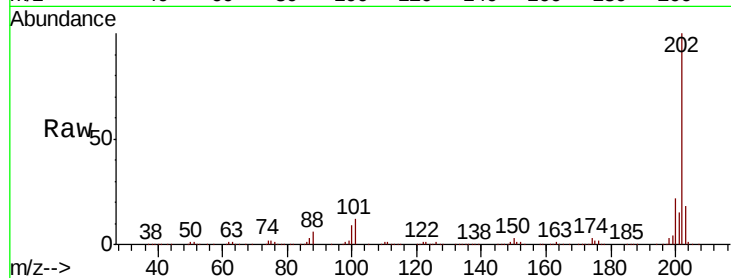




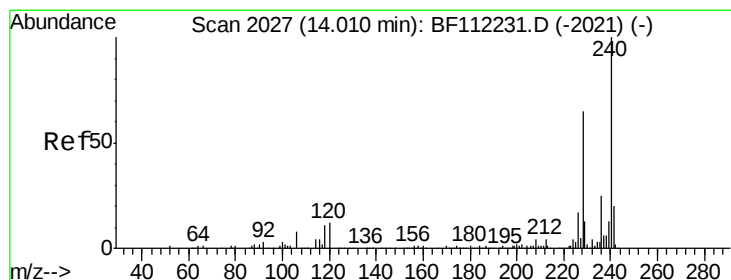
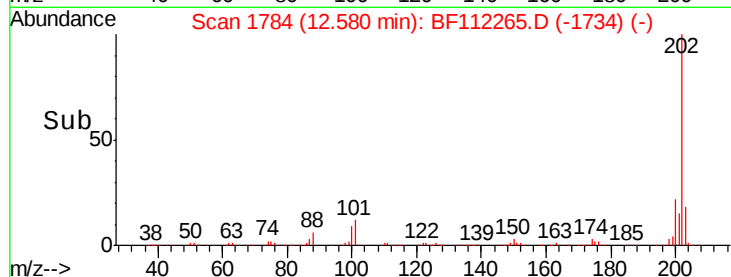
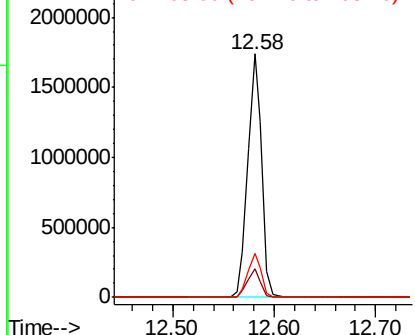
#75
Fluoranthene
Concen: 40.563 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:202 Resp: 1651907
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.8
203 18.2 0.0 38.4

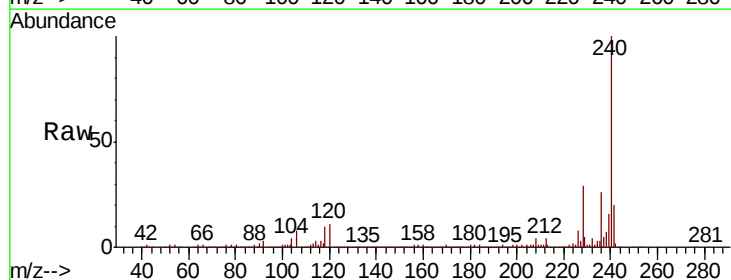


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

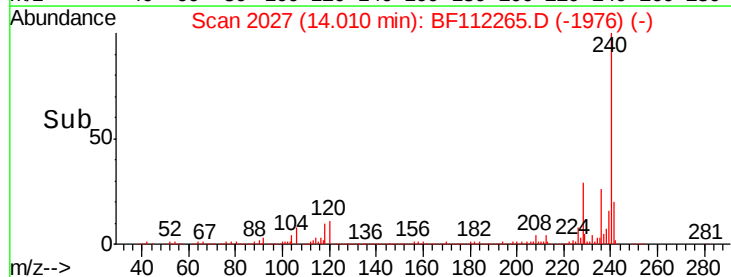
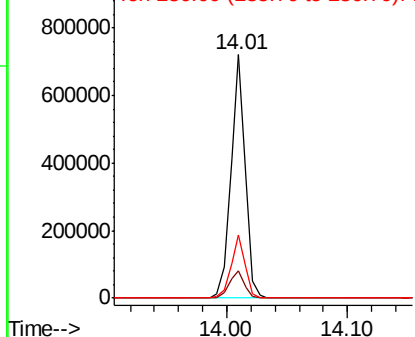


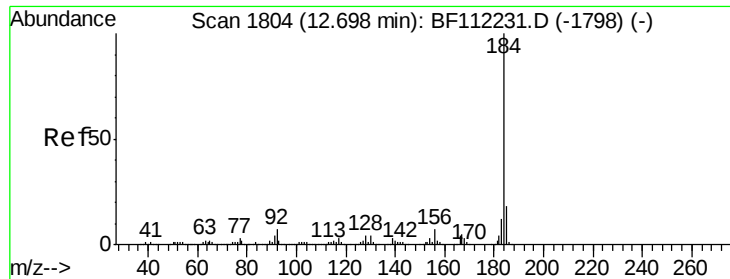
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:240 Resp: 585286
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.272 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

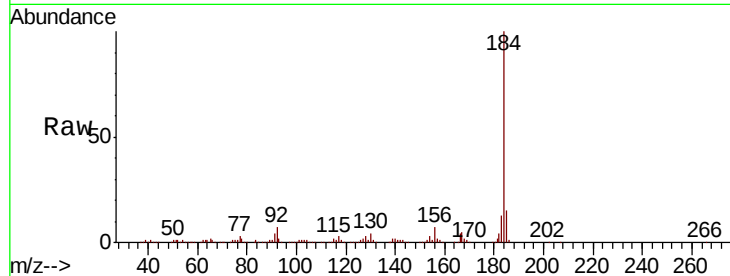
Tot Ion:184 Resp: 632642

Ion Ratio Lower Upper

184 100

185 14.9 13.9 20.9

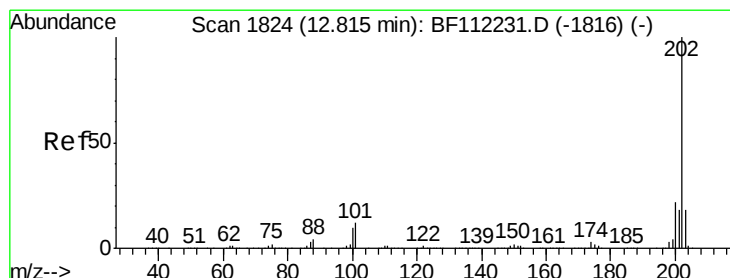
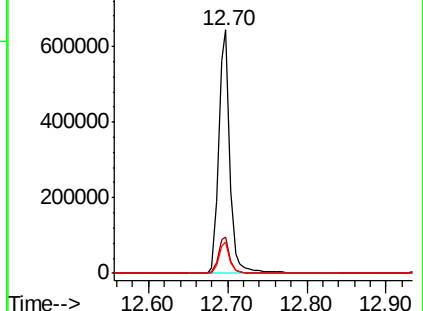
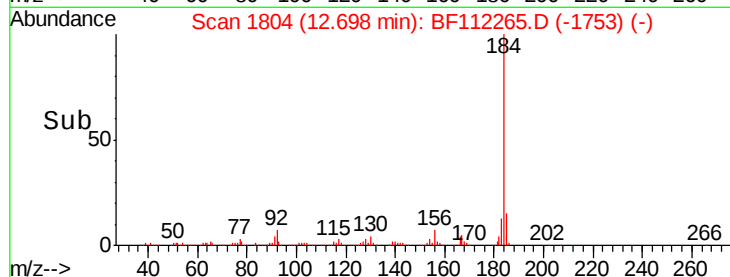
183 12.6 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.682 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

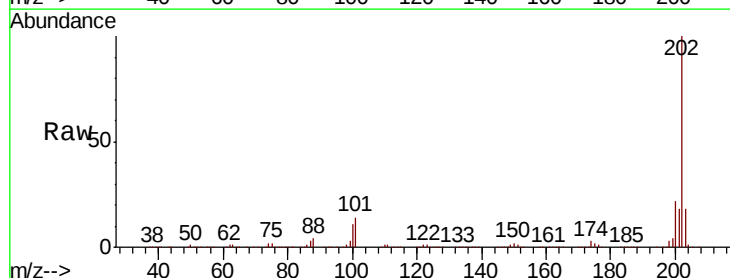
Tgt Ion:202 Resp: 1648515

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

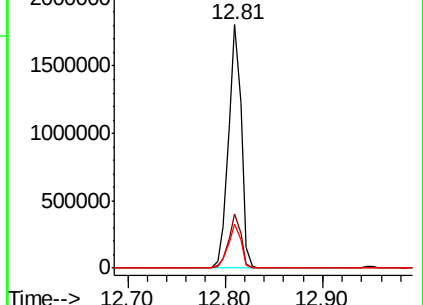
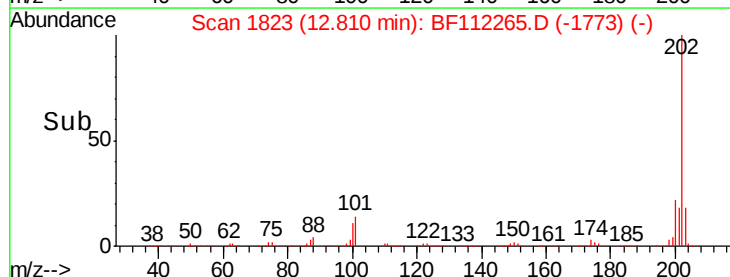
203 18.1 14.6 22.0

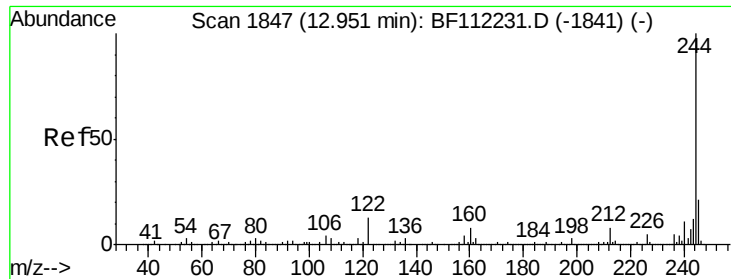


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.680 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

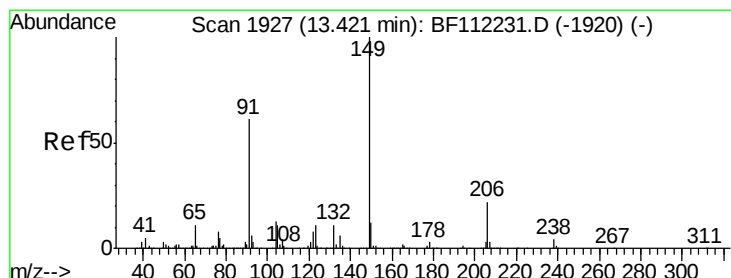
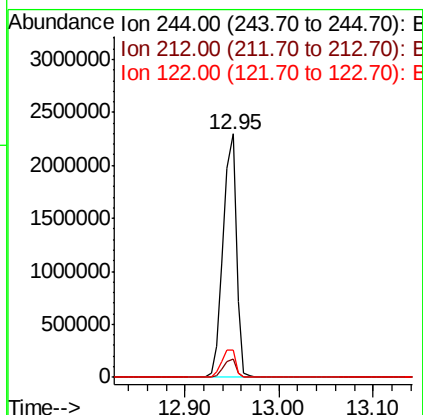
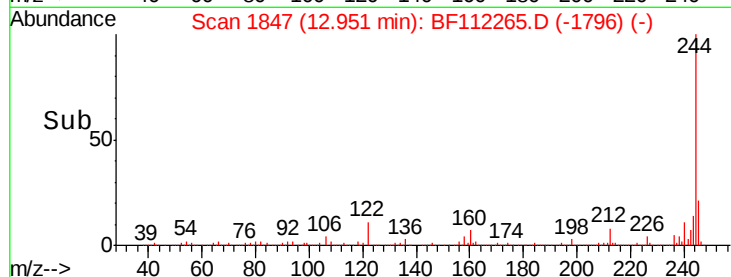
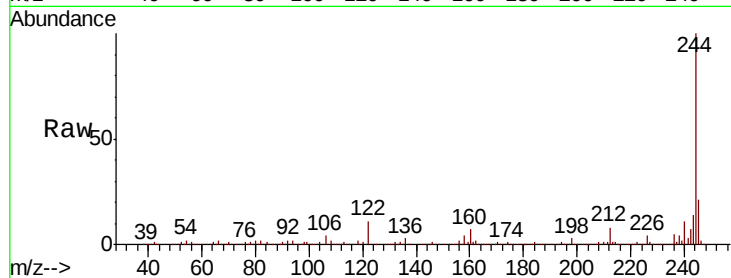
Tot Ion:244 Resp: 2289612

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 11.4 9.8 14.6



#80

Butylbenzylphthalate

Concen: 39.264 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

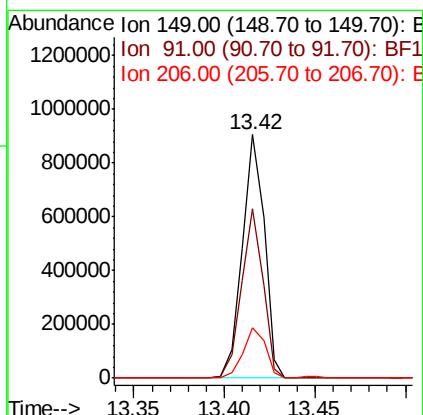
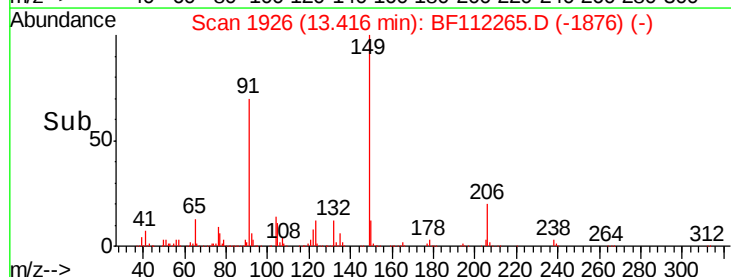
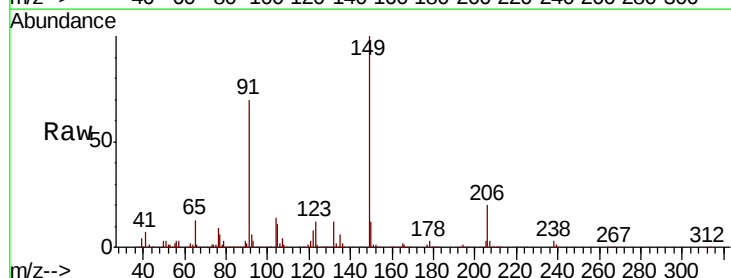
Tgt Ion:149 Resp: 769776

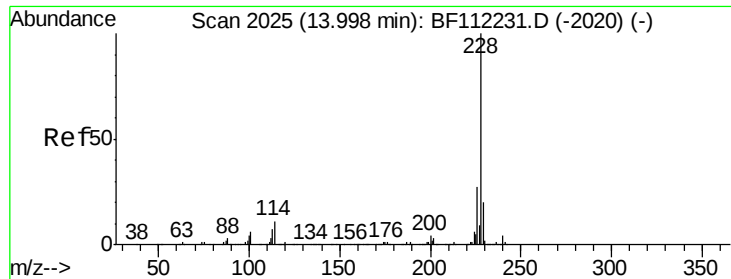
Ion Ratio Lower Upper

149 100

91 69.7 50.3 75.5

206 20.4 18.2 27.4





#81

Benzo(a)anthracene

Concen: 41.779 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

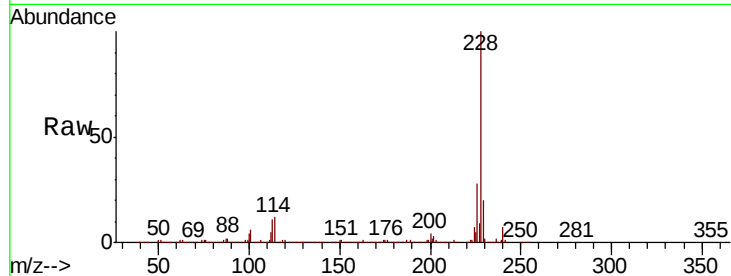
Tot Ion:228 Resp: 1437443

Ion Ratio Lower Upper

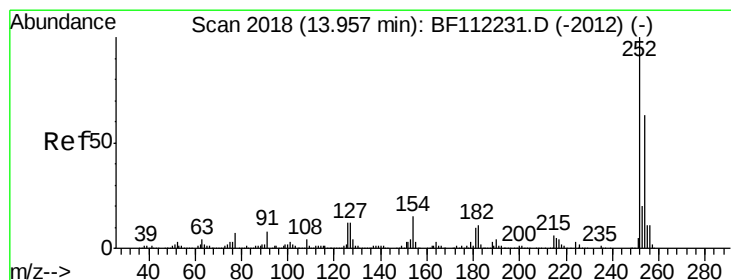
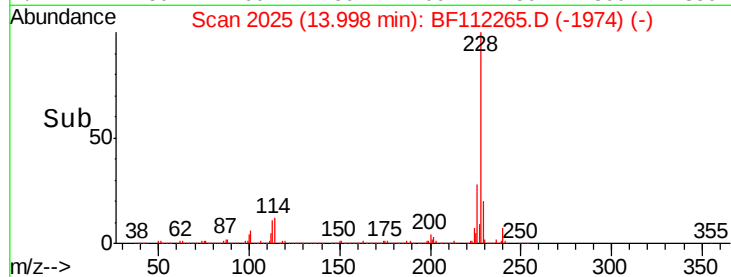
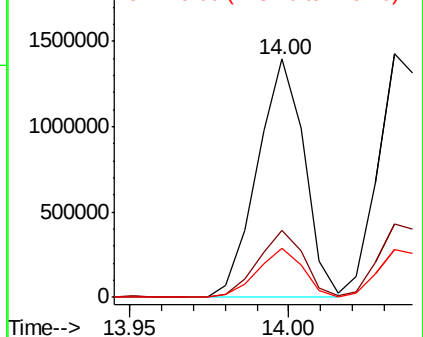
228 100

226 28.0 22.6 34.0

229 20.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.349 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

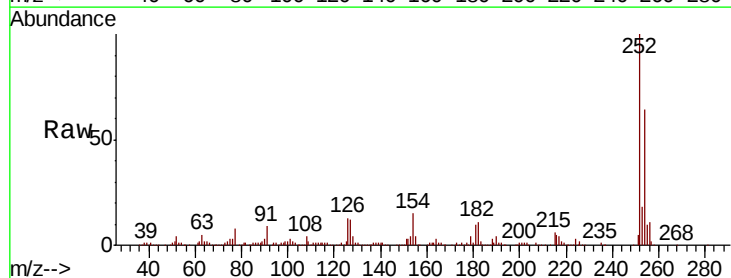
Tgt Ion:252 Resp: 352152

Ion Ratio Lower Upper

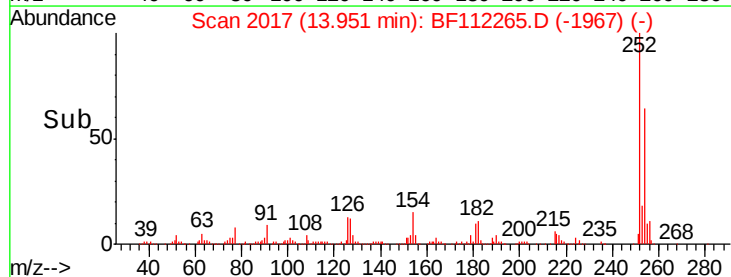
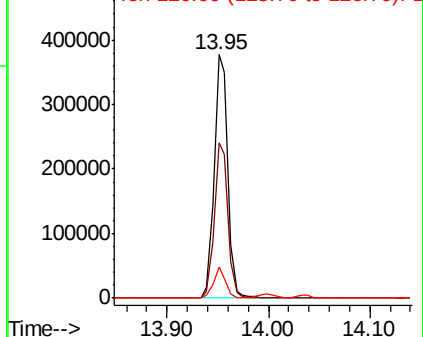
252 100

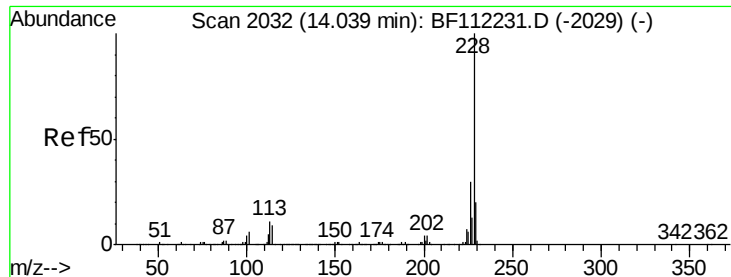
254 63.9 51.6 77.4

126 12.5 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 41.223 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

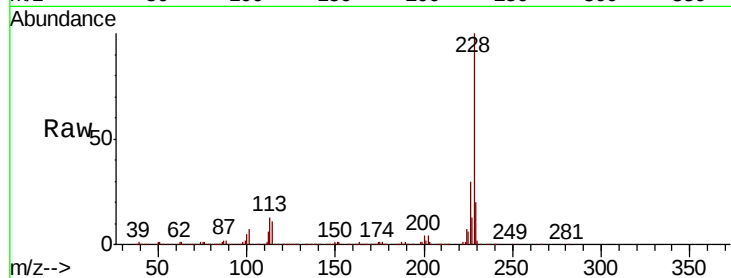
Tot Ion:228 Resp: 1353856

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.9	16.6	24.8

228 100

226 30.1 25.0 37.6

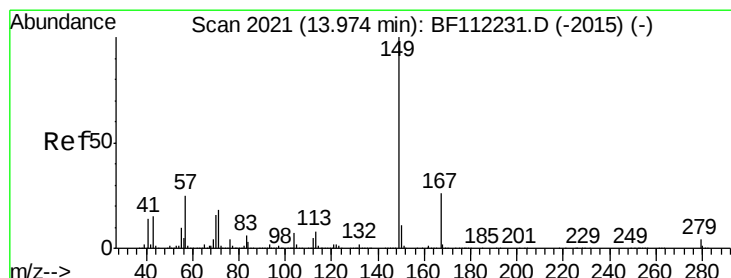
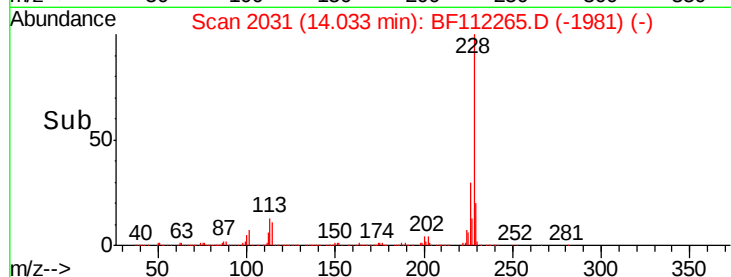
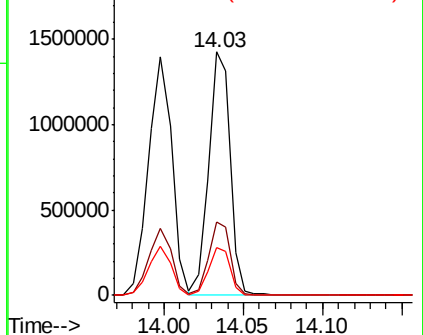
229 19.9 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.579 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

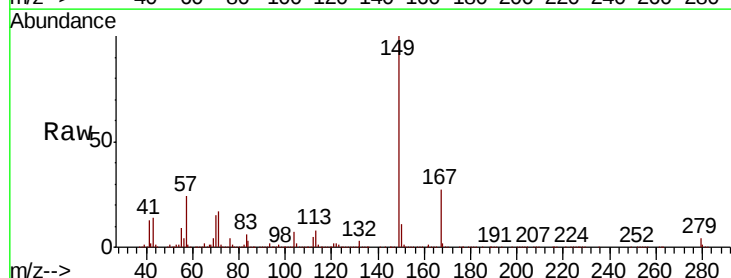
Tgt Ion:149 Resp: 1101464

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.5	33.7
279	4.2	3.8	5.6

149 100

167 27.3 22.5 33.7

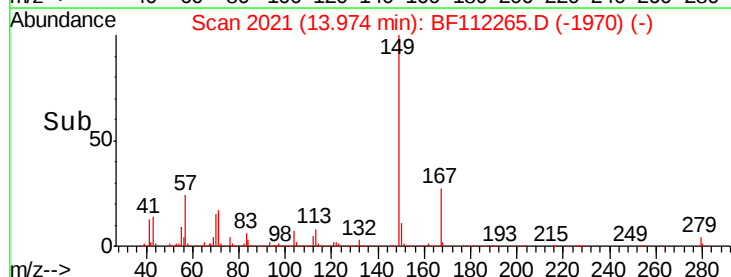
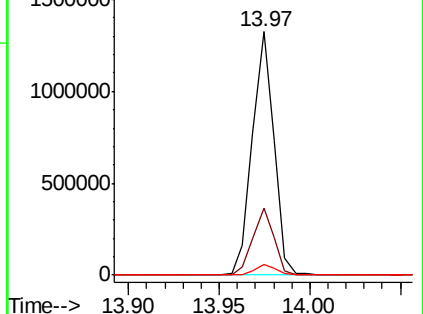
279 4.2 3.8 5.6

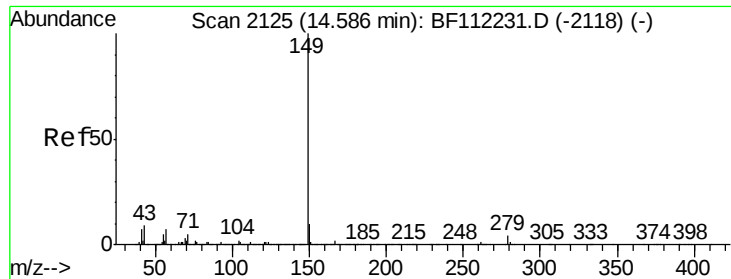


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

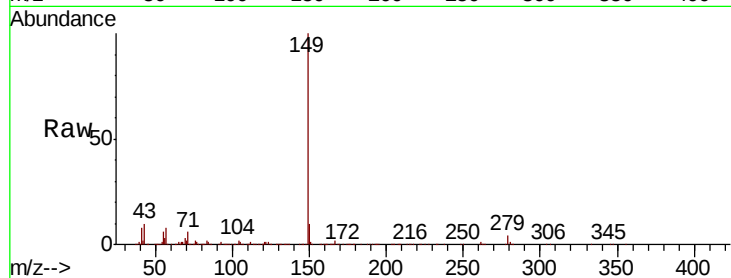




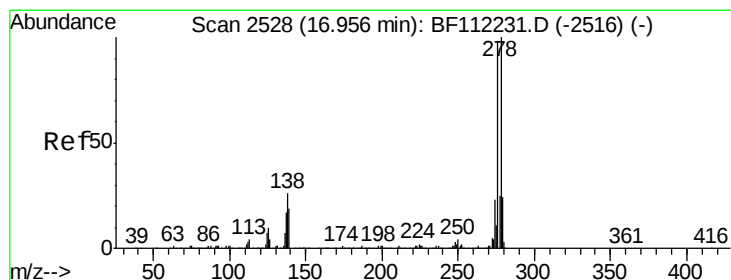
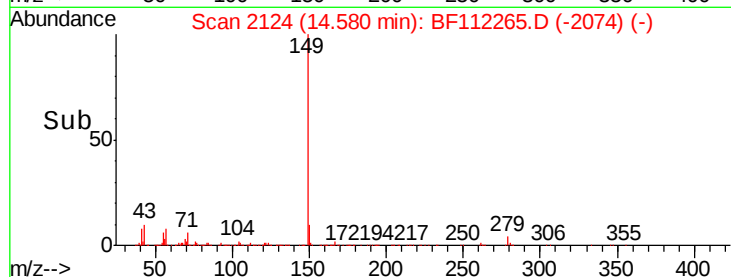
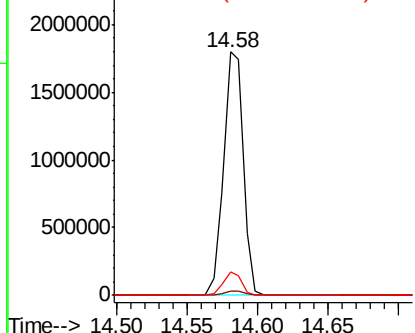
#85
Di-n-octyl phthalate
Concen: 40.611 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:149 Resp: 1738834
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.8 11.6

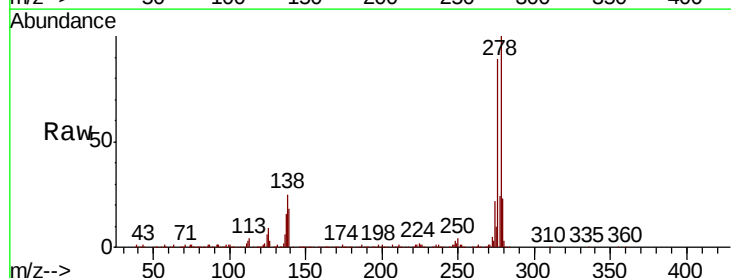


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

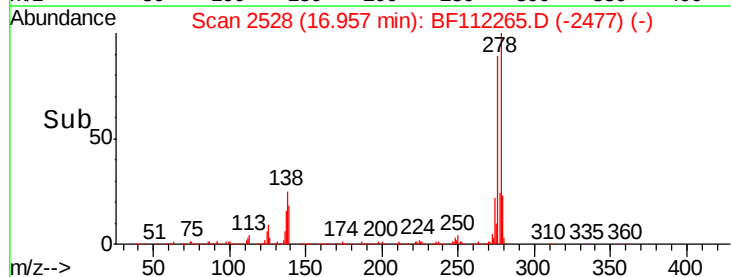
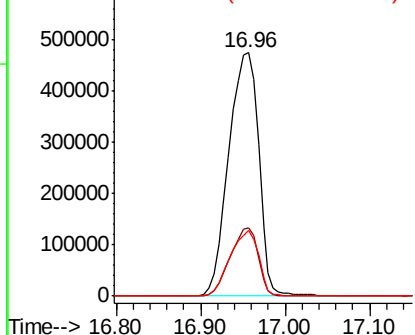


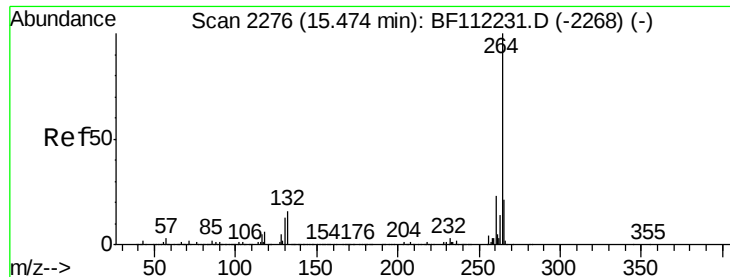
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.761 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:276 Resp: 1164855
Ion Ratio Lower Upper
276 100
138 26.2 22.6 34.0
277 25.9 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



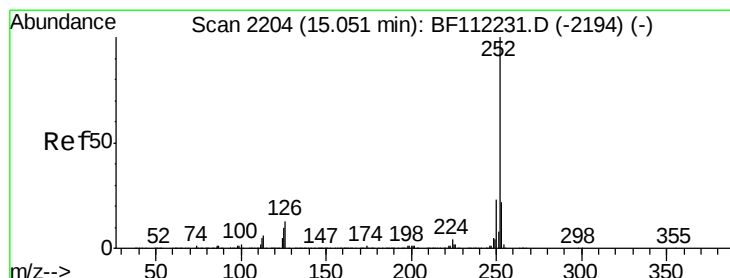
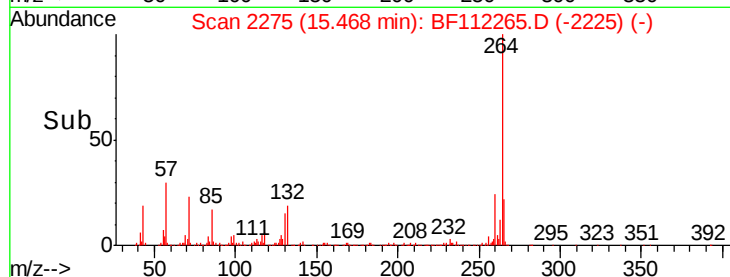
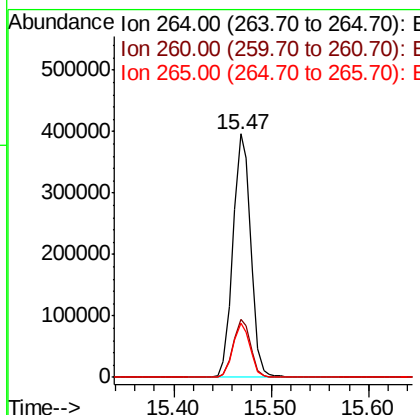
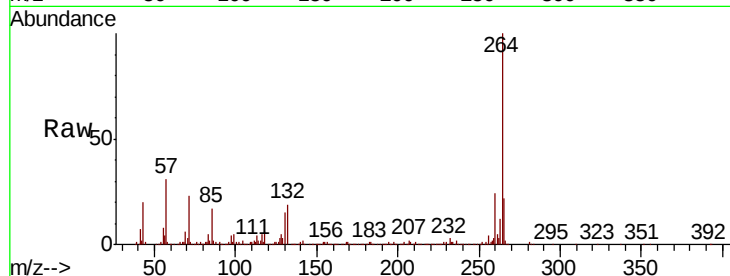


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:264 Resp: 501302

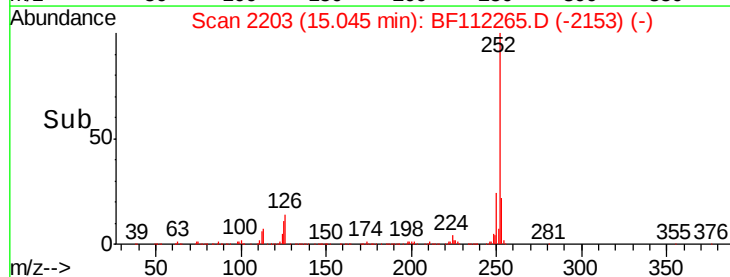
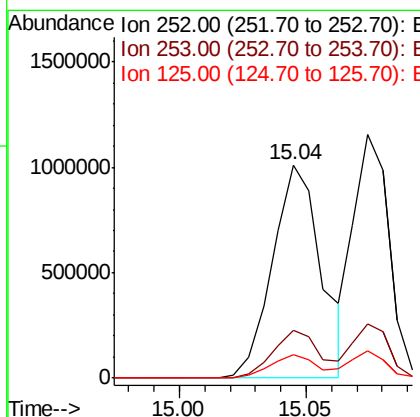
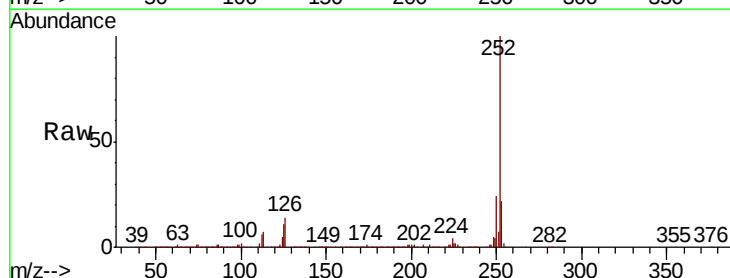
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	22.1	17.0	25.4

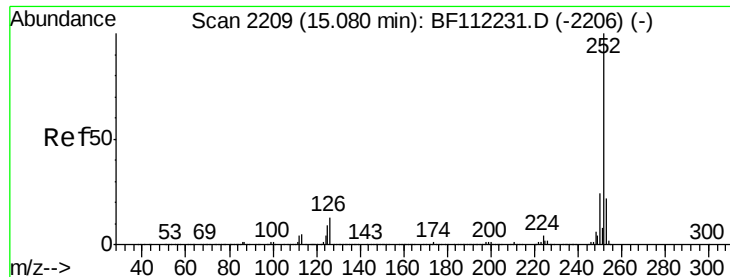


#88
Benzo(b)fluoranthene
Concen: 45.080 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:252 Resp: 1351523

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.2	8.7	13.1

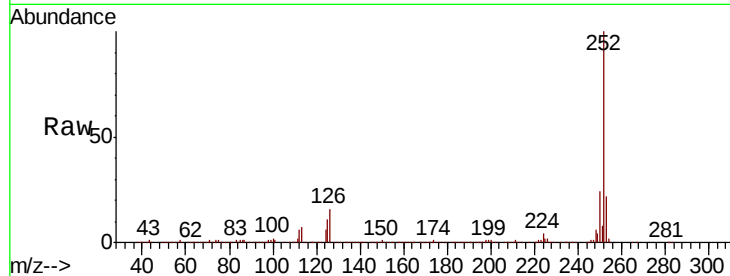




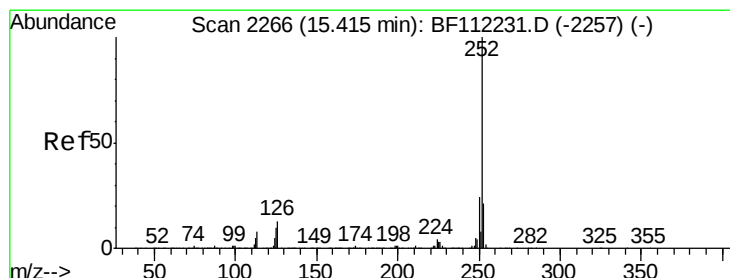
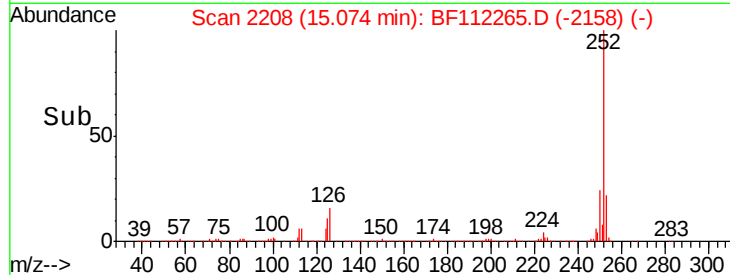
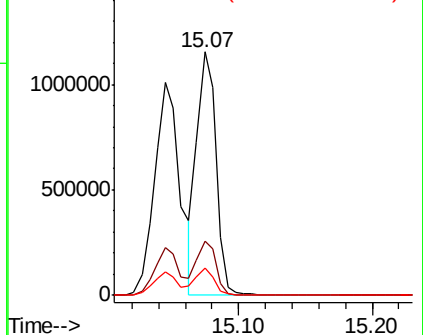
#89
Benzo(k)fluoranthene
Concen: 39.598 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion:252 Resp: 1137128
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.3 9.1 13.7

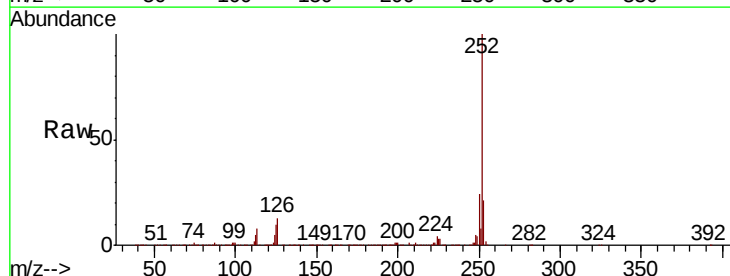


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

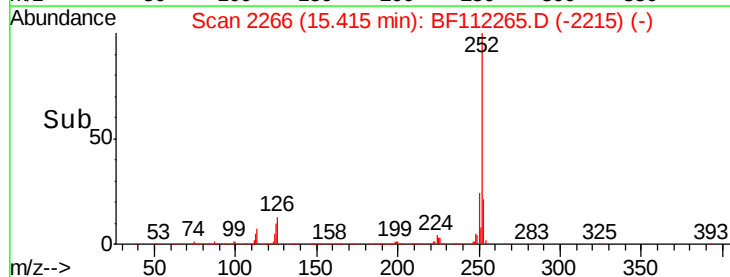
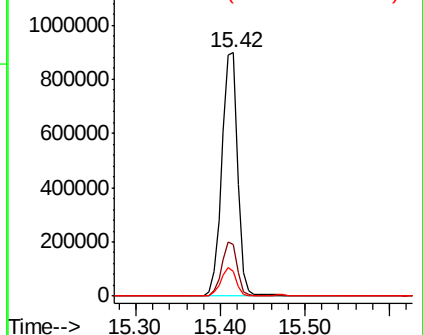


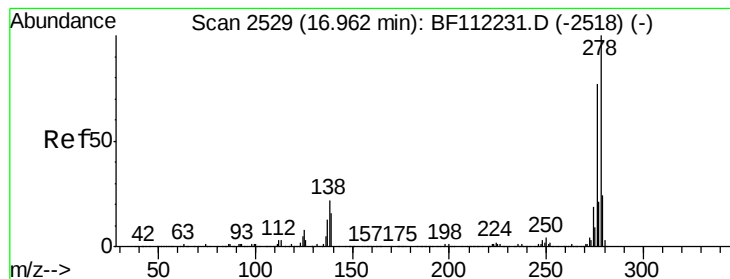
#90
Benzo(a)pyrene
Concen: 43.843 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:252 Resp: 1182712
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 10.1 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.815 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

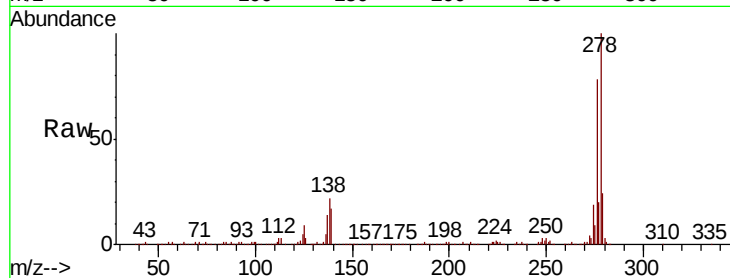
Tot Ion:278 Resp: 974320

Ion Ratio Lower Upper

278 100

139 17.2 13.7 20.5

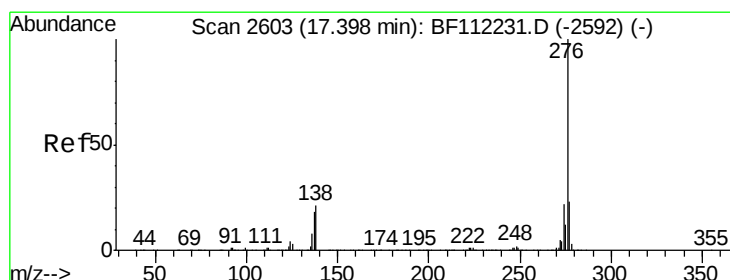
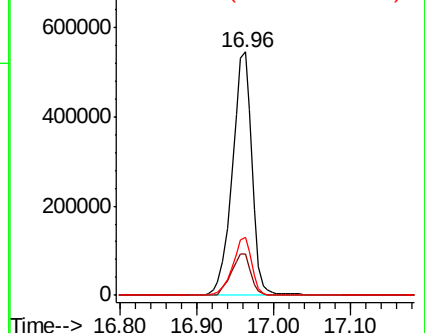
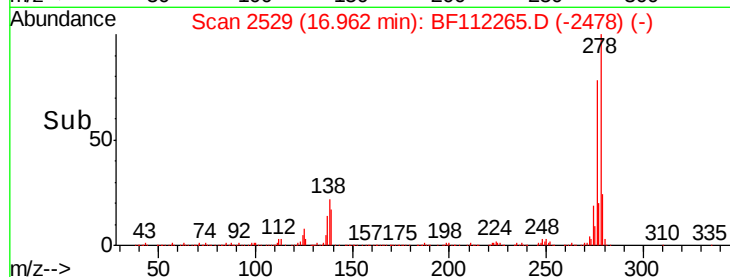
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.882 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

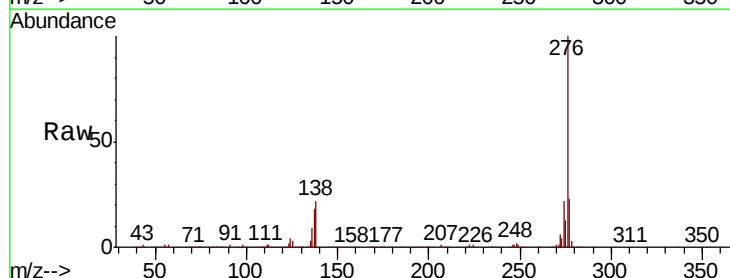
Tgt Ion:276 Resp: 941112

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 21.9 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

