

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
 Data File : BF112369.D
 Acq On : 1 Feb 2019 23:23
 Operator : JU/SJ
 Sample : PB116745BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Quant Time: Feb 02 00:19:14 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	119192	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	453686	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	223347	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	398149	20.00	ng	0.00
76) Chrysene-d12	14.00	240	263982	20.00	ng	0.00
87) Perylene-d12	15.47	264	259821	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	630912	112.43	ng	0.00
7) Phenol-d6	6.49	99	776491	99.58	ng	0.00
23) Nitrobenzene-d5	7.40	82	720200	91.47	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	242703	93.36	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1505917	95.36	ng	-0.01
79) Terphenyl-d14	12.94	244	1228863	87.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	112181	50.184	ng	97
3) Pyridine	3.38	79	311927	54.856	ng	98
4) n-Nitrosodimethylamine	3.33	42	146372	61.269	ng	92
6) Aniline	6.50	93	152827	16.476	ng	# 14
8) 2-Chlorophenol	6.63	128	373978	49.541	ng	98
9) Benzaldehyde	6.39	77	214935	52.738	ng	97
10) Phenol	6.50	94	410754	48.015	ng	85
11) bis(2-Chloroethyl)ether	6.57	93	313346	46.525	ng	99
12) 1,3-Dichlorobenzene	6.78	146	407234	46.321	ng	98
13) 1,4-Dichlorobenzene	6.86	146	415424	45.914	ng	99
14) 1,2-Dichlorobenzene	7.01	146	387134	45.700	ng	98
15) Benzyl Alcohol	6.99	79	300255	45.680	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	400660	46.333	ng	# 48
17) 2-Methylphenol	7.10	107	284362	47.519	ng	# 92
18) Hexachloroethane	7.35	117	134437	42.313	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	244214	45.421	ng	98
20) 3+4-Methylphenols	7.26	107	374282	48.911	ng	# 61
22) Acetophenone	7.25	105	500434	45.299	ng	93
24) Nitrobenzene	7.42	77	365675	46.502	ng	96
25) Isophorone	7.66	82	648285	52.483	ng	99
26) 2-Nitrophenol	7.74	139	194639	46.316	ng	97
27) 2,4-Dimethylphenol	7.78	122	317785	54.885	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	407940	48.502	ng	99
29) 2,4-Dichlorophenol	7.99	162	319579	49.322	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	354554	47.605	ng	98
31) Naphthalene	8.15	128	1067612	50.320	ng	98
32) Benzoic acid	7.92	122	141576	42.867	ng	98
33) 4-Chloroaniline	8.19	127	73418	7.947	ng	99
34) Hexachlorobutadiene	8.26	225	195448	44.720	ng	99
35) Caprolactam	8.56	113	99507	43.534	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	316625	46.161	ng	98
37) 2-Methylnaphthalene	8.83	142	751295	51.727	ng	98
38) 1-Methylnaphthalene	8.93	142	706818	50.773	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	349715	47.689	ng	98

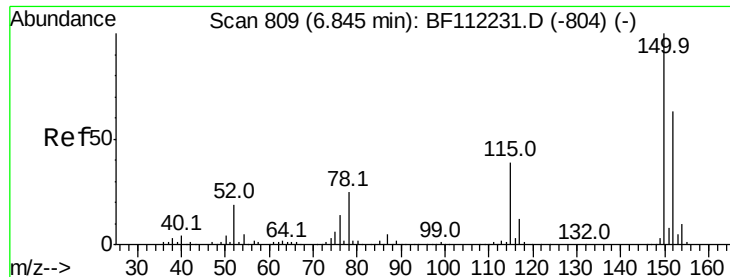
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	67612	30.941	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	219720	48.607	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	228982	48.469	ng	99
46) 1,1'-Biphenyl	9.30	154	925232	47.385	ng	98
47) 2-Chloronaphthalene	9.32	162	699936	46.226	ng	96
48) 2-Nitroaniline	9.42	65	192710	46.695	ng	93
49) Acenaphthylene	9.74	152	1107801	49.916	ng	99
50) Dimethylphthalate	9.59	163	840096	48.412	ng	99
51) 2,6-Dinitrotoluene	9.66	165	185777	47.802	ng	96
52) Acenaphthene	9.91	154	638728	48.178	ng	99
53) 3-Nitroaniline	9.83	138	75570	17.948	ng	97
54) 2,4-Dinitrophenol	9.95	184	53267	42.708	ng	97
55) Dibenzofuran	10.08	168	967385	47.749	ng	95
56) 4-Nitrophenol	10.02	139	188992	84.902	ng	93
57) 2,4-Dinitrotoluene	10.07	165	235120	47.521	ng	# 85
58) Fluorene	10.43	166	768251	50.673	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	183255	51.329	ng	99
60) Diethylphthalate	10.29	149	839327	48.739	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	381964	46.315	ng	91
62) 4-Nitroaniline	10.45	138	164586	39.853	ng	97
63) Azobenzene	10.57	77	701398	46.311	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	54394	24.367	ng	98
66) n-Nitrosodiphenylamine	10.53	169	683145	50.910	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	231723	49.484	ng	96
68) Hexachlorobenzene	10.98	284	244519	48.669	ng	97
69) Atrazine	11.06	200	229299	52.958	ng	97
70) Pentachlorophenol	11.17	266	160645	82.176	ng	96
71) Phenanthrene	11.39	178	1051850	50.816	ng	98
72) Anthracene	11.44	178	1088630	52.797	ng	99
73) Carbazole	11.59	167	931519	45.800	ng	99
74) Di-n-butylphthalate	11.92	149	1297273	51.386	ng	99
75) Fluoranthene	12.57	202	970682	43.722	ng	99
77) Benzidine	12.69	184	431193	59.346	ng	95
78) Pyrene	12.80	202	941651	51.522	ng	99
80) Butylbenzylphthalate	13.41	149	458487	51.850	ng	92
81) Benzo(a)anthracene	13.99	228	802246	51.697	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	237119	40.829	ng	97
83) Chrysene	14.03	228	752169	50.778	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	637421	50.783	ng	98
85) Di-n-octyl phthalate	14.58	149	970947	50.278	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	735649	62.675	ng	98
88) Benzo(b)fluoranthene	15.04	252	785416	50.546	ng	98
89) Benzo(k)fluoranthene	15.07	252	786852	52.867	ng	98
90) Benzo(a)pyrene	15.41	252	756574	54.113	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	630123	55.920	ng	98
92) Benzo(g,h,i)perylene	17.40	276	571747	53.781	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: BF112369.D

Acq: 1 Feb 2019 23:23

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PB116745BSD

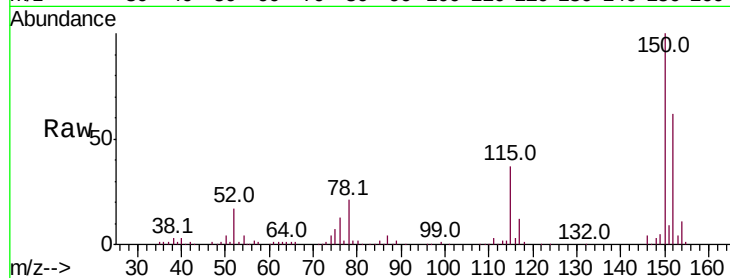
Tot Ion:152 Resp: 119192

Ion Ratio Lower Upper

152 100

150 162.0 127.4 191.0

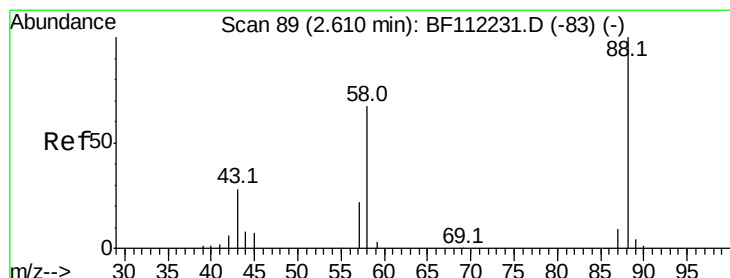
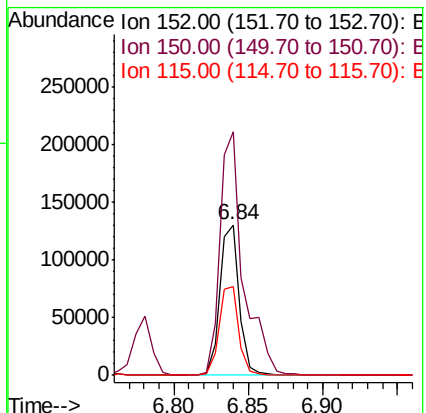
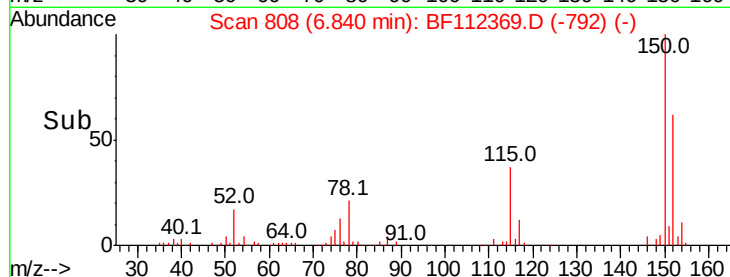
115 59.2 45.5 68.3



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: 50.184 ng

RT: 2.62 min Scan# 91

Delta R.T. 0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

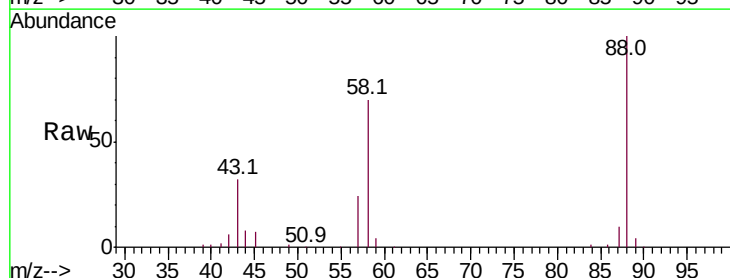
Tgt Ion: 88 Resp: 112181

Ion Ratio Lower Upper

88 100

58 70.0 57.4 86.2

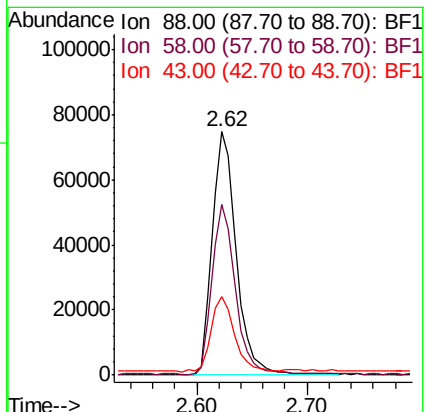
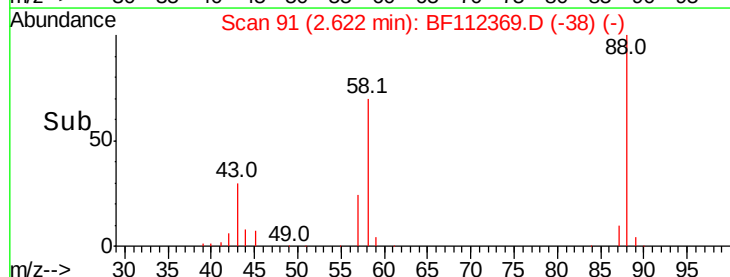
43 29.7 22.2 33.4

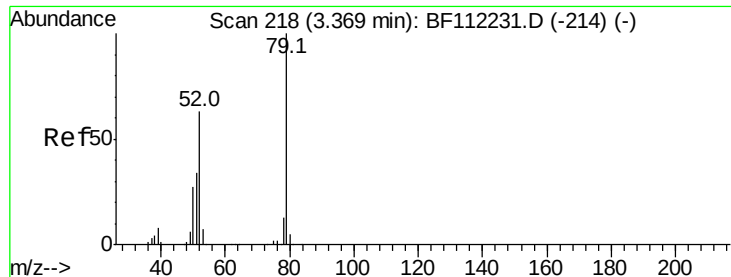


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

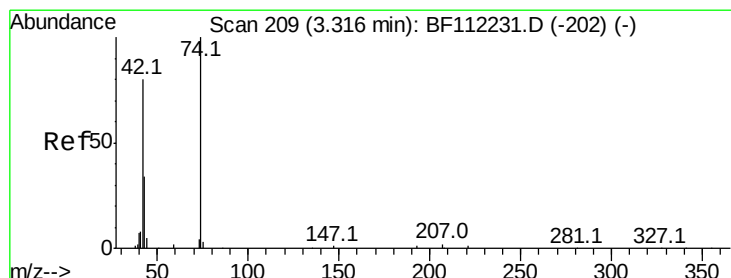
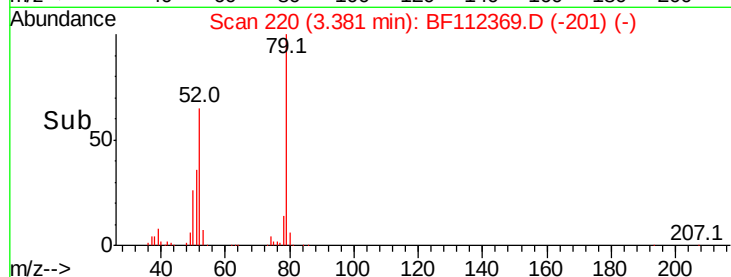
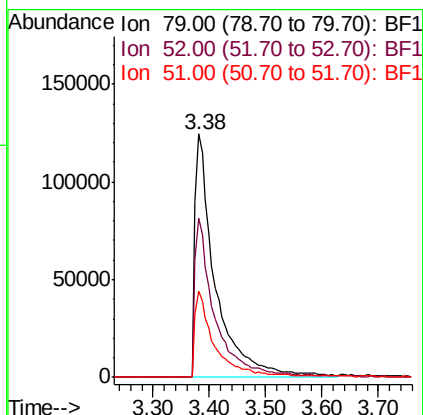
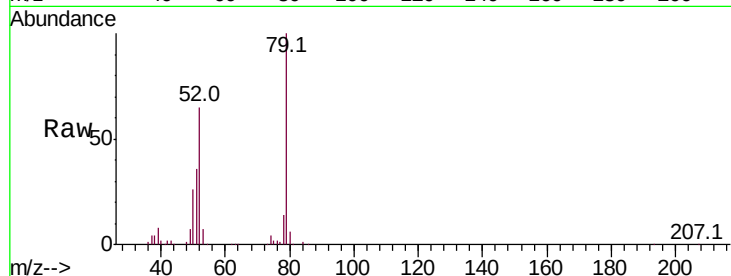




#3
 Pvridine
 Concen: 54.856 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

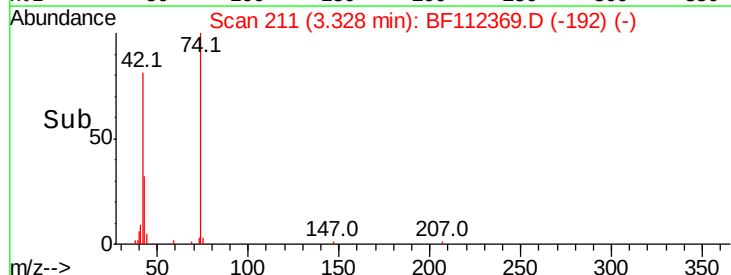
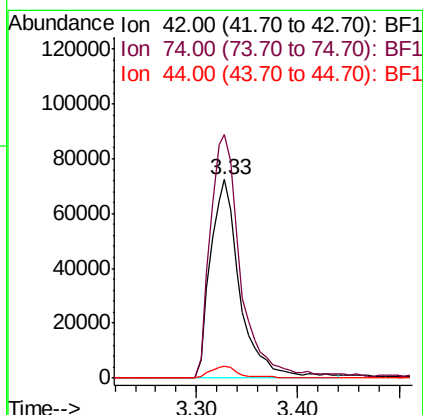
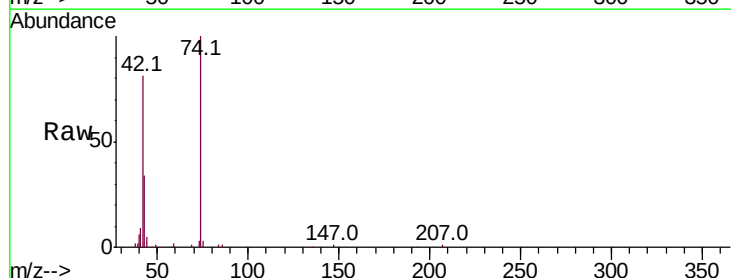
Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

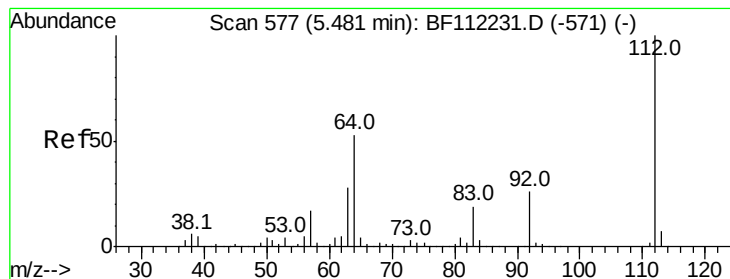
Tot Ion: 79 Resp: 311927
 Ion Ratio Lower Upper
 79 100
 52 65.2 52.4 78.6
 51 35.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 61.269 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Tgt Ion: 42 Resp: 146372
 Ion Ratio Lower Upper
 42 100
 74 122.8 105.6 158.4
 44 6.2 5.4 8.2





#5

2-Fluorophenol

Concen: 112.432 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

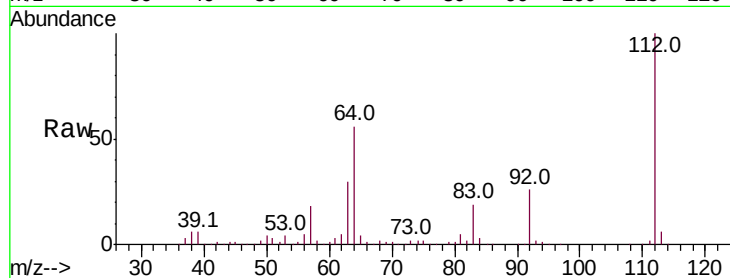
Tot Ion:112 Resp: 630912

Ion Ratio Lower Upper

112 100

64 55.8 45.7 68.5

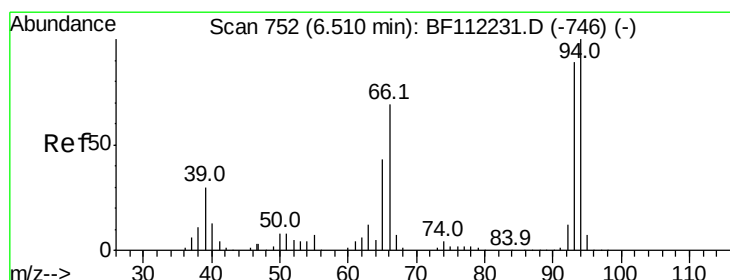
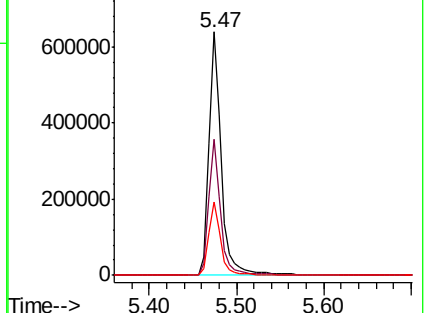
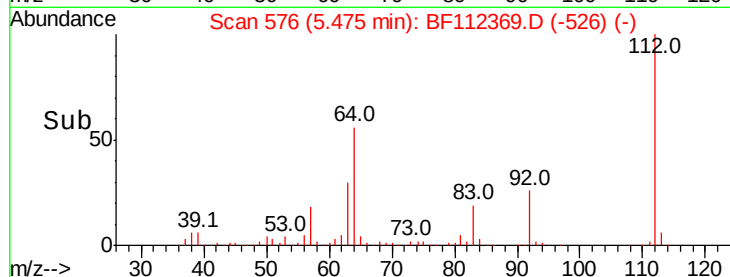
63 30.0 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.476 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

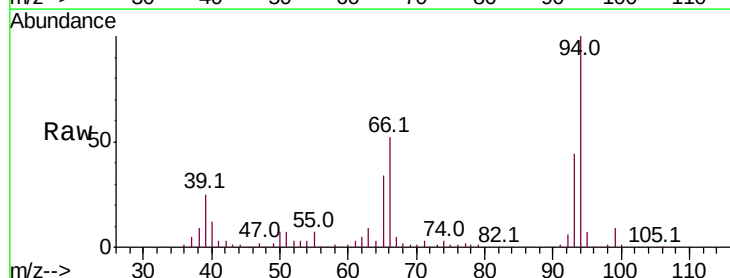
Tgt Ion: 93 Resp: 152827

Ion Ratio Lower Upper

93 100

66 117.4 43.4 65.2#

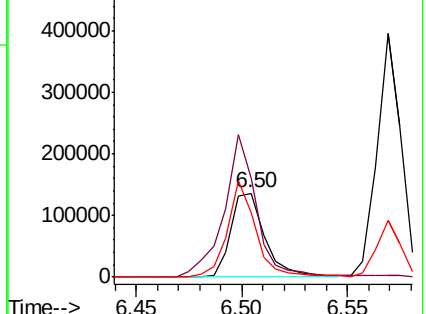
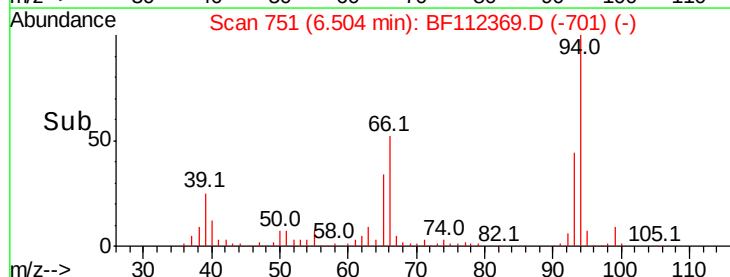
65 77.3 25.3 37.9#

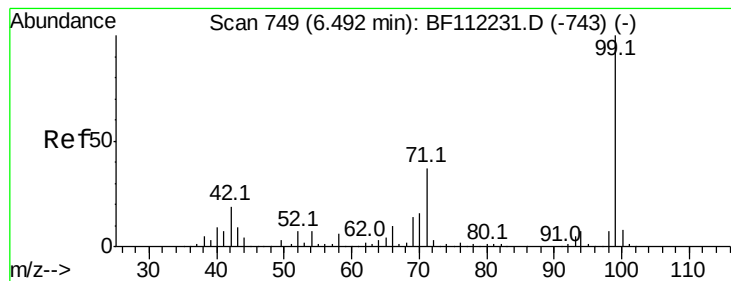


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.582 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

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ClientSampleId :

PB116745BSD

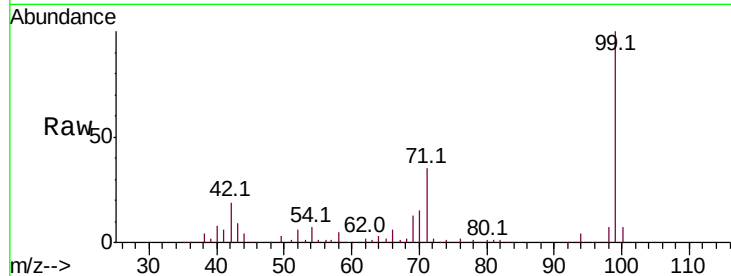
Tot Ion: 99 Resp: 776491

Ion Ratio Lower Upper

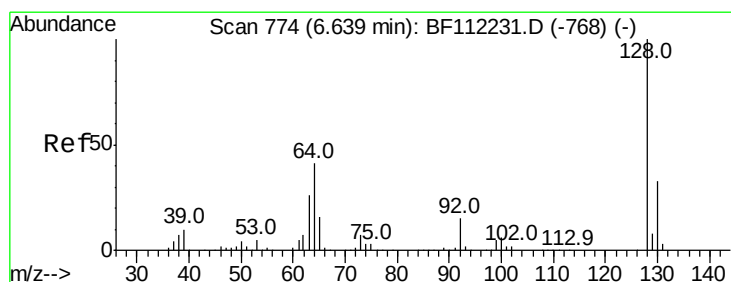
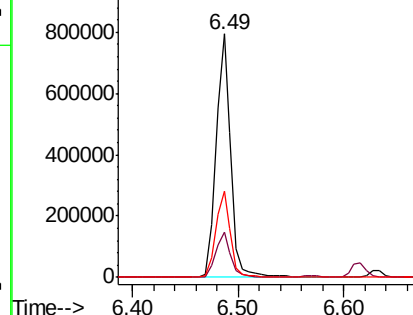
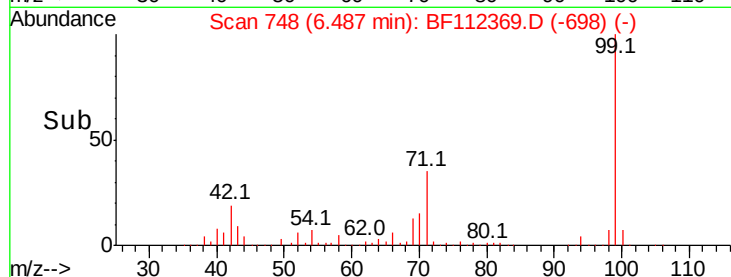
99 100

42 18.5 15.1 22.7

71 35.2 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: 49.541 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

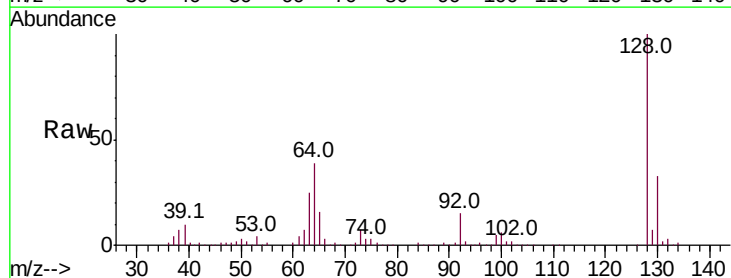
Tgt Ion: 128 Resp: 373978

Ion Ratio Lower Upper

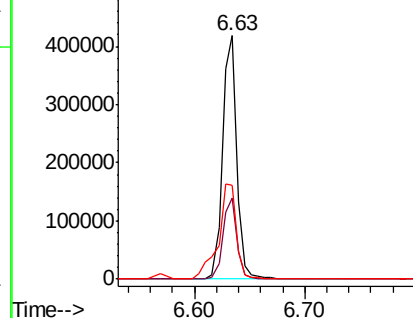
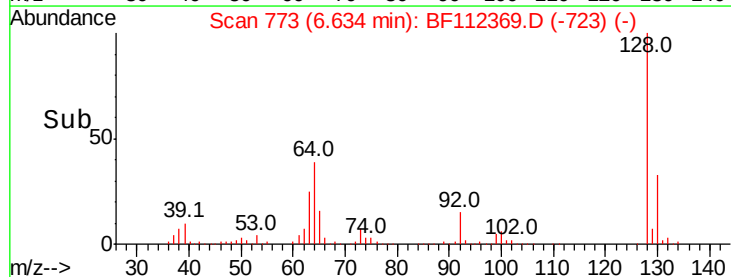
128 100

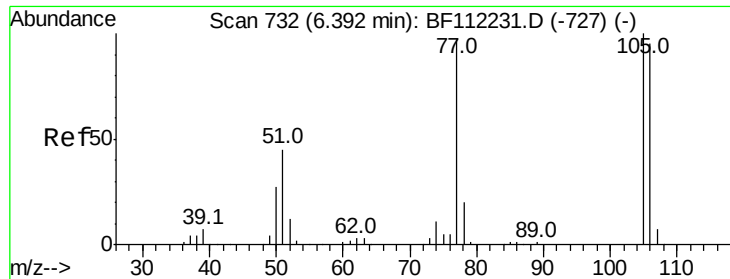
130 33.1 13.4 53.4

64 38.6 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: 52.738 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

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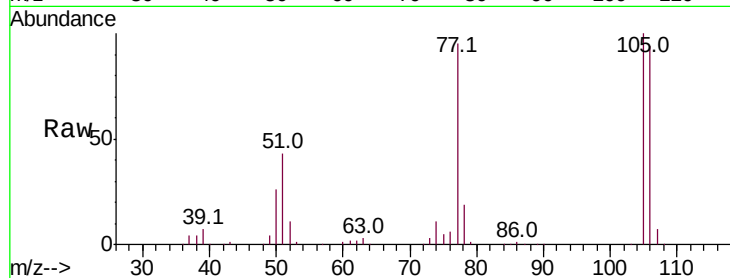
Tot Ion: 77 Resp: 214935

Ion Ratio Lower Upper

77 100

105 104.8 80.8 120.8

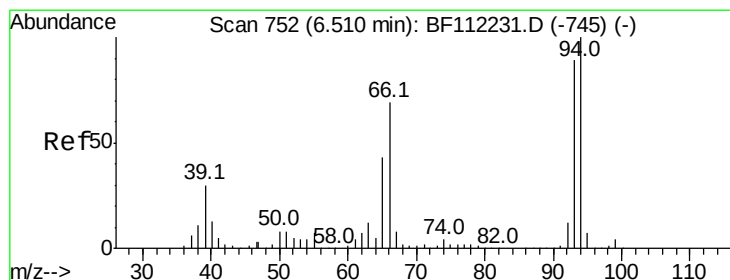
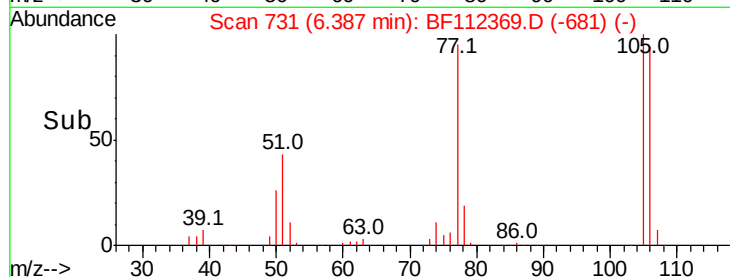
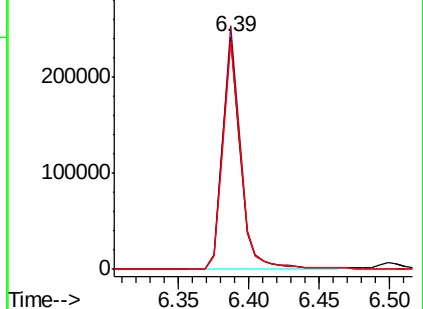
106 98.1 75.7 115.7



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: 48.015 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

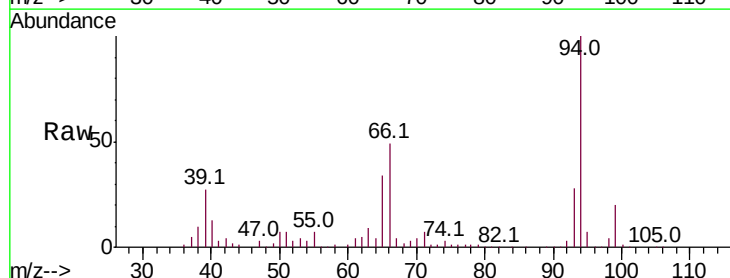
Tgt Ion: 94 Resp: 410754

Ion Ratio Lower Upper

94 100

65 33.5 20.3 60.3

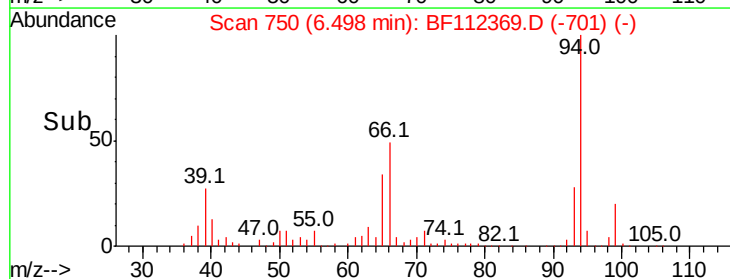
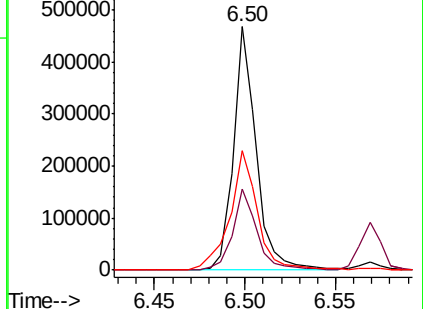
66 49.3 42.4 82.4

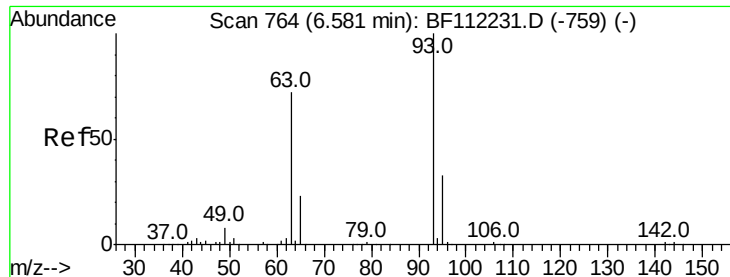


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 46.525 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

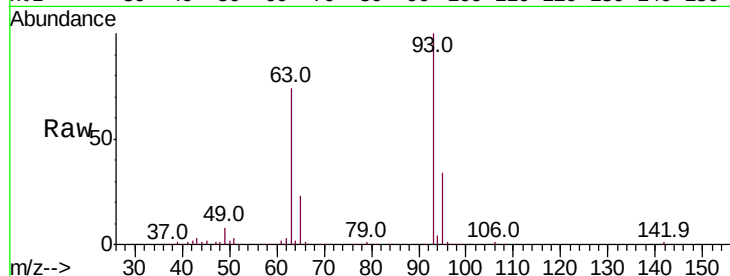
Tot Ion: 93 Resp: 313346

Ion Ratio Lower Upper

93 100

63 74.1 53.3 93.3

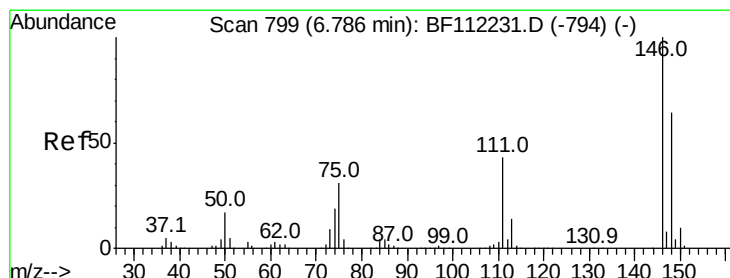
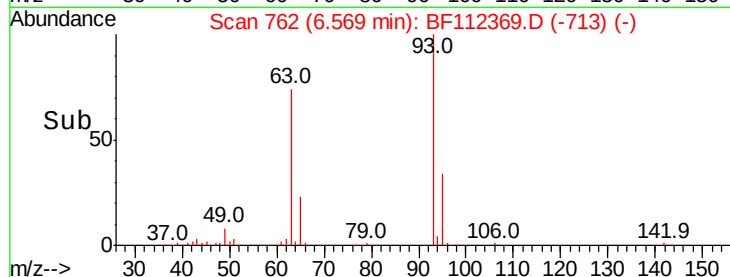
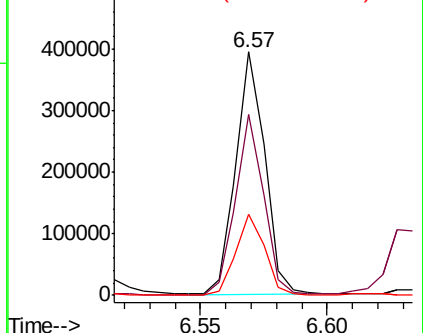
95 33.5 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 46.321 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

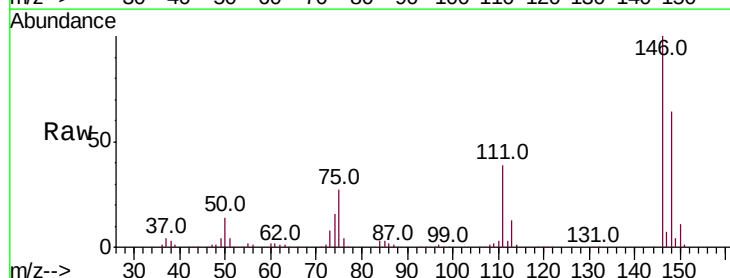
Tgt Ion: 146 Resp: 407234

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

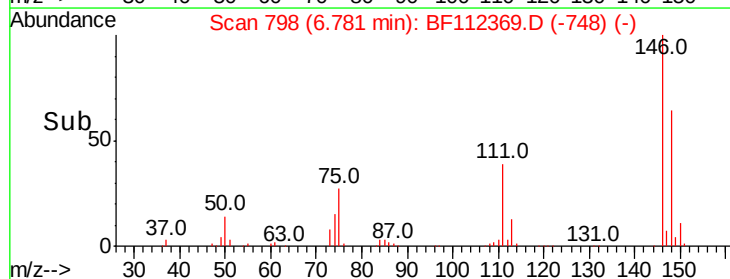
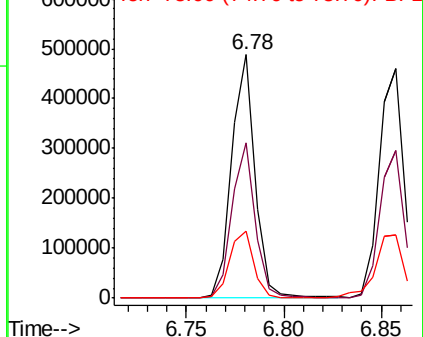
75 27.5 23.1 34.7

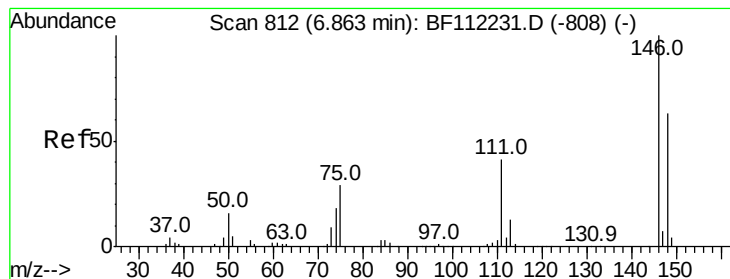


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 45.914 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

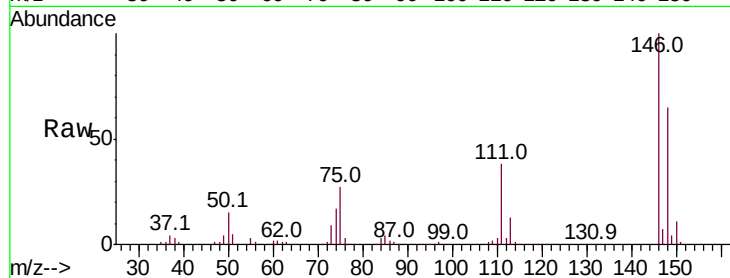
Tot Ion:146 Resp: 415424

Ion Ratio Lower Upper

146 100

148 64.7 52.0 78.0

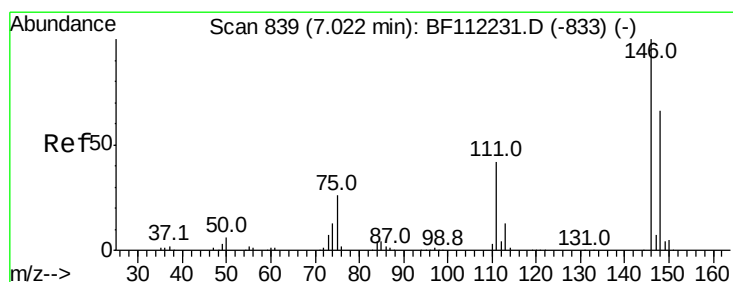
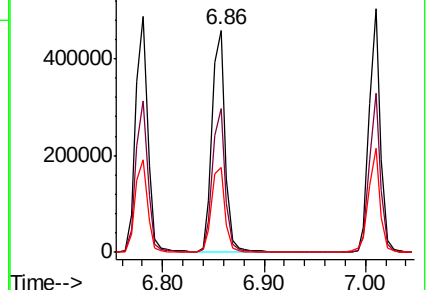
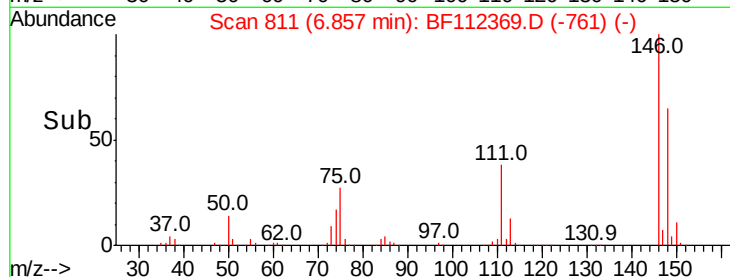
111 38.2 31.2 46.8



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: 45.700 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

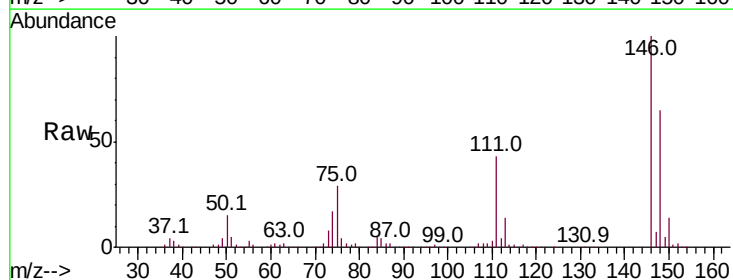
Tgt Ion:146 Resp: 387134

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.4

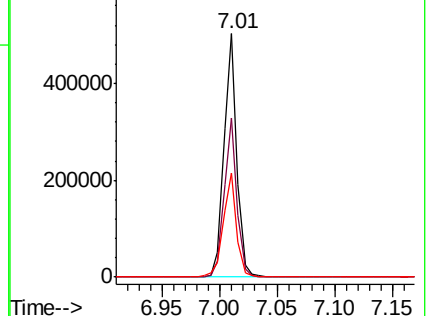
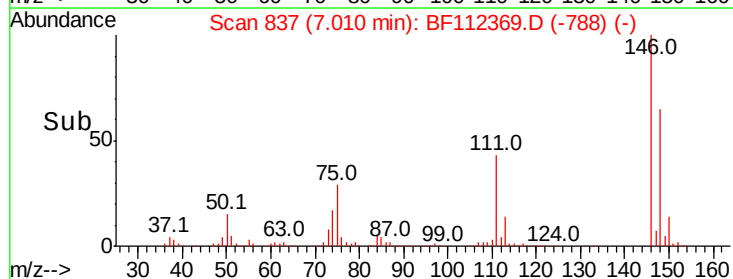
111 42.5 31.2 46.8

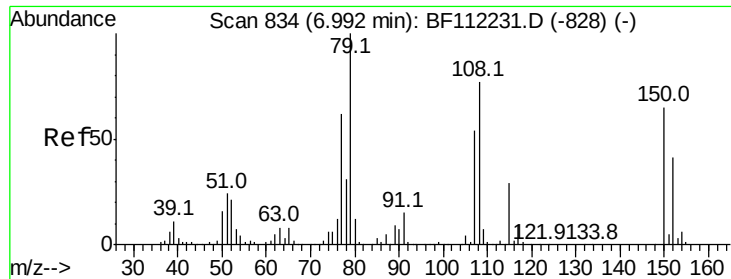


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

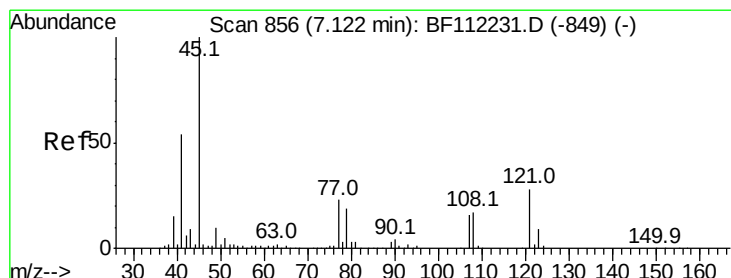
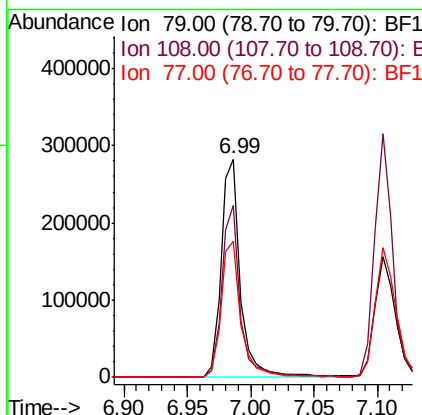
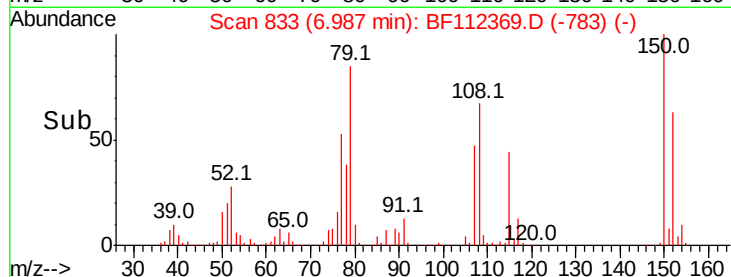
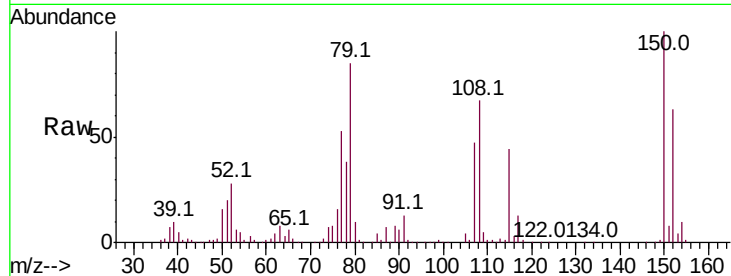




#15
Benzyl Alcohol
Concen: 45.680 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

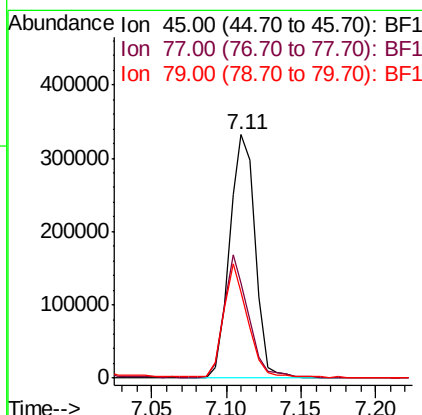
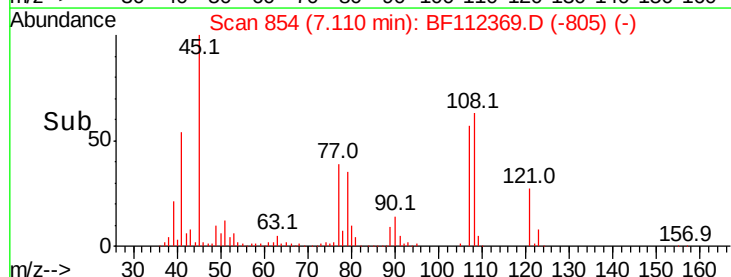
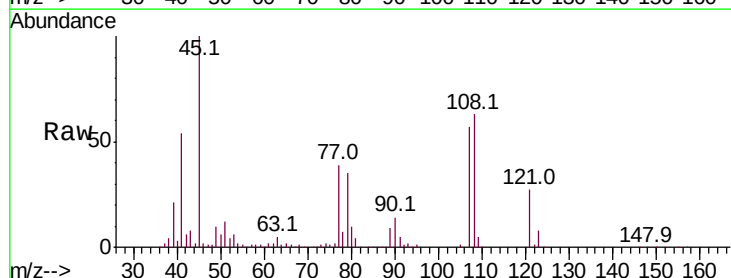
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

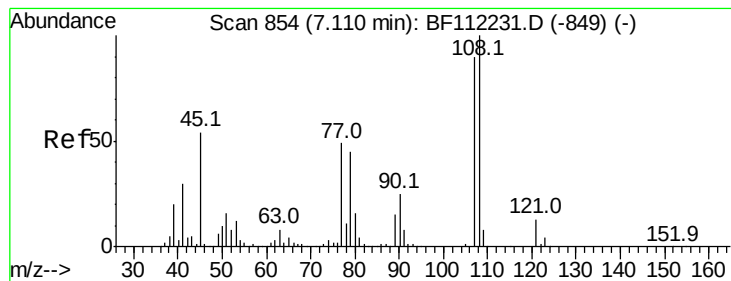
Tot Ion: 79 Resp: 300255
Ion Ratio Lower Upper
79 100
108 78.8 64.2 96.2
77 62.3 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.333 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion: 45 Resp: 400660
Ion Ratio Lower Upper
45 100
77 39.3 0.0 36.9#
79 35.4 0.0 34.0#





#17

2-Methylphenol

Concen: 47.519 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

Tot Ion:107 Resp: 284362

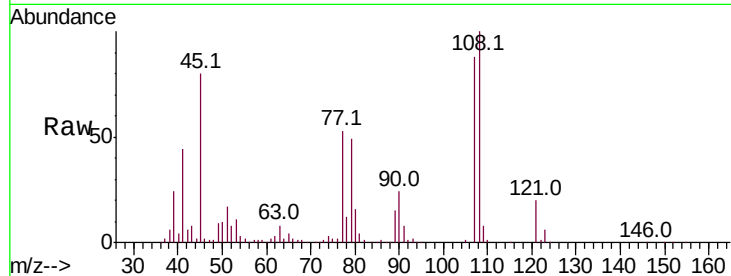
Ion Ratio Lower Upper

107 100

108 113.6 91.3 136.9

77 60.6 39.0 58.6#

79 56.1 37.0 55.4#



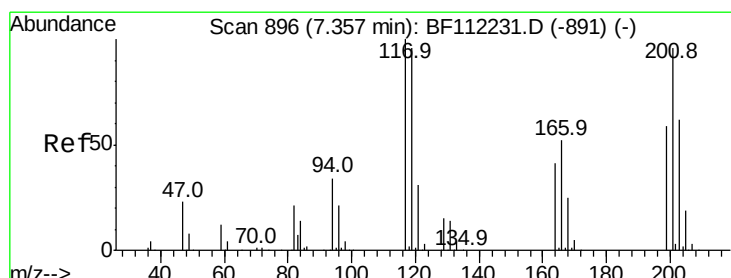
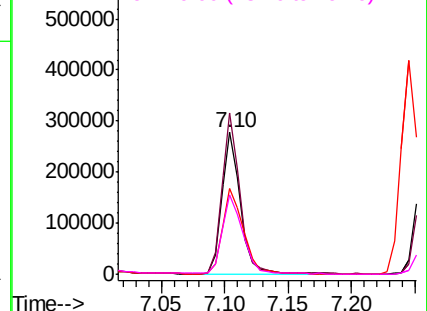
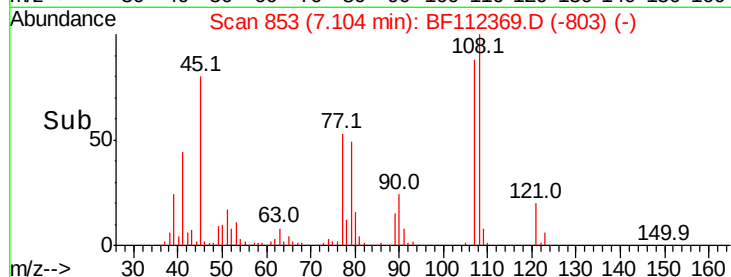
Abundance

Ion 107.00 (106.70 to 107.70): E

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: 42.313 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

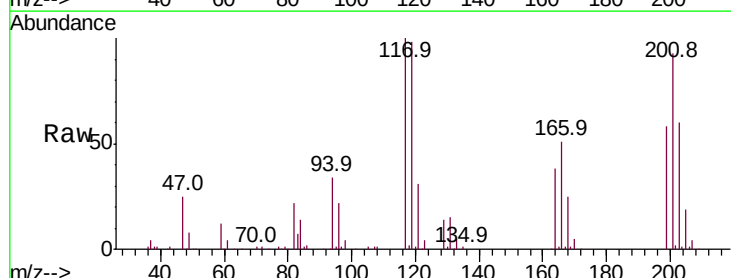
Tgt Ion:117 Resp: 134437

Ion Ratio Lower Upper

117 100

119 98.0 77.0 115.4

201 93.0 74.1 111.1

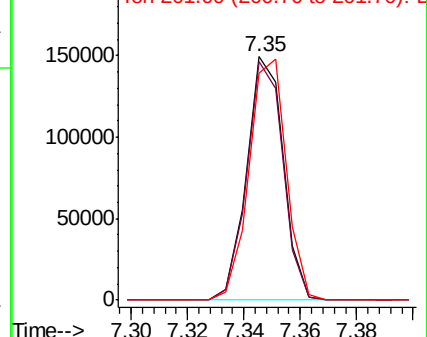
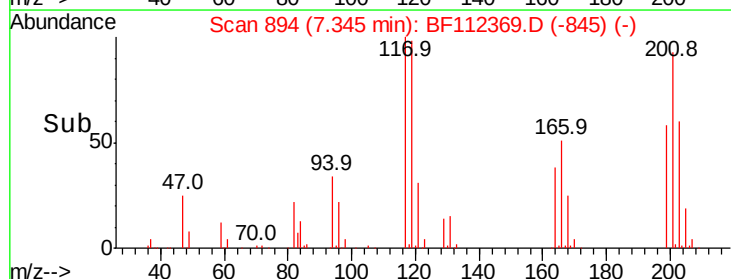


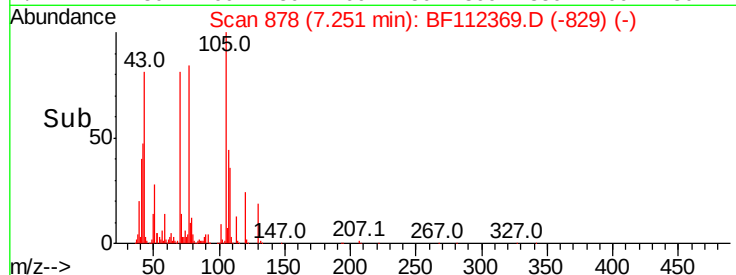
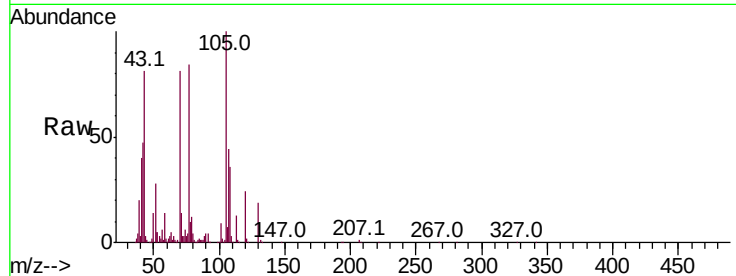
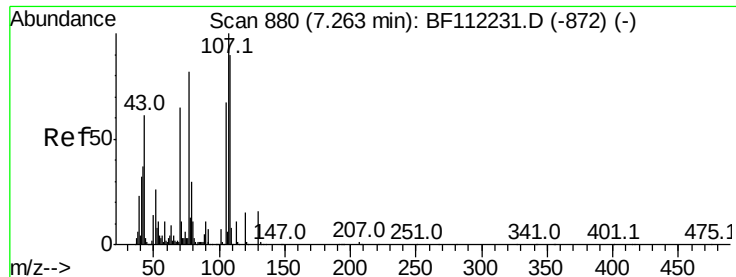
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

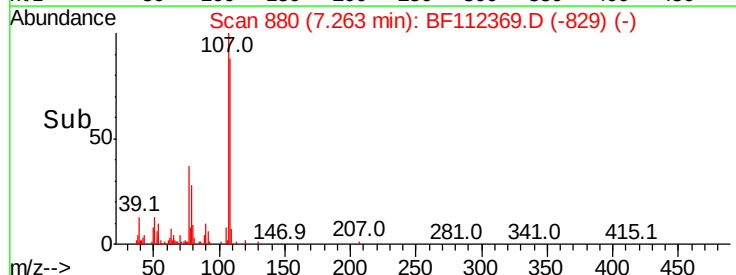
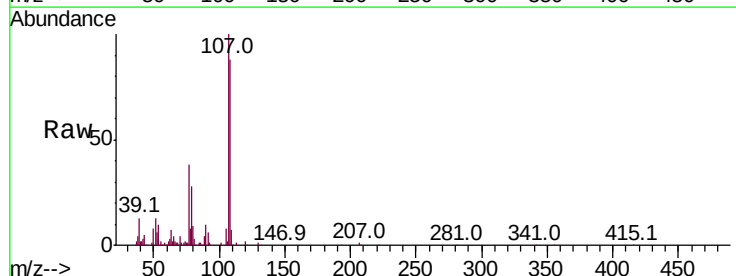
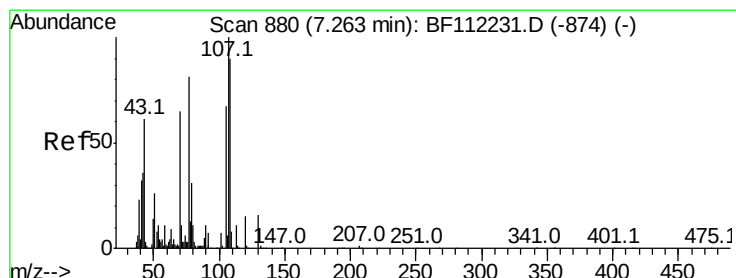
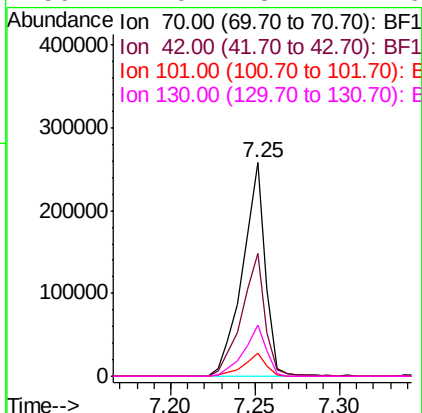




#19
n-Nitroso-di-n-propylamine
Concen: 45.421 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

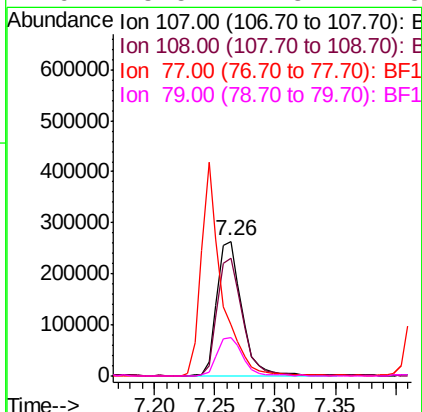
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

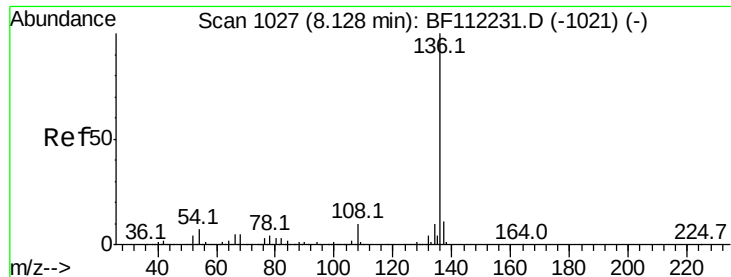
Tot Ion:	70	Resp:	244214
Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.6	71.4
101	10.7	7.9	11.9
130	24.0	18.4	27.6



#20
3+4-Methylphenols
Concen: 48.911 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:	107	Resp:	374282
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	37.5	100.7	140.7#
79	28.5	7.3	47.3

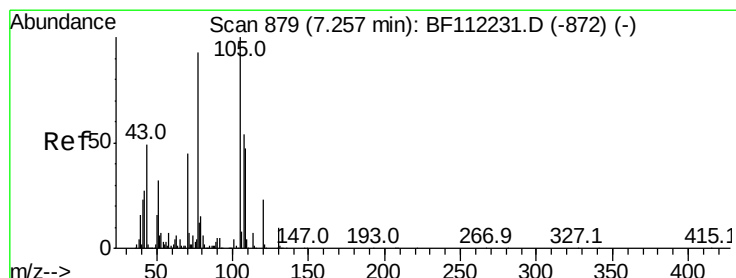
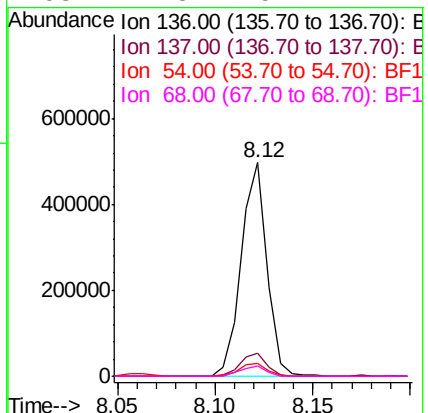
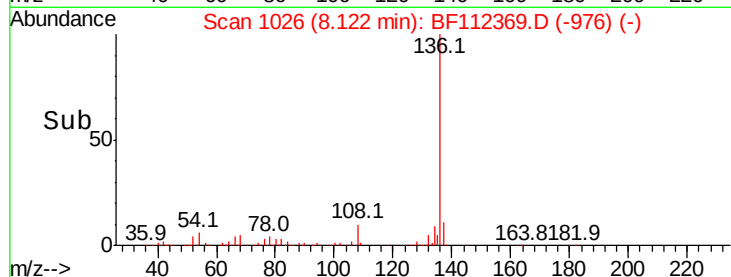
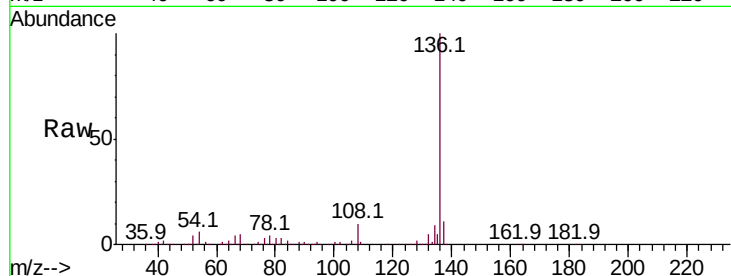




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

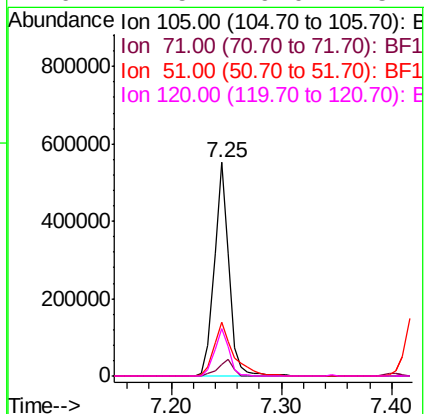
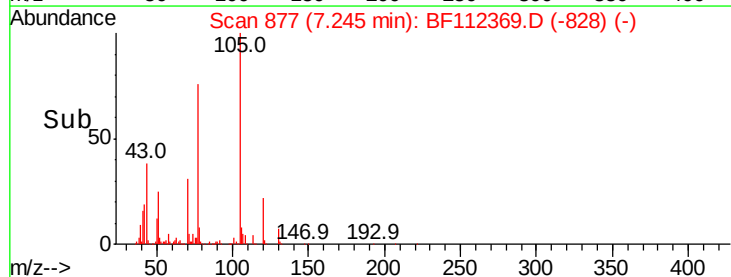
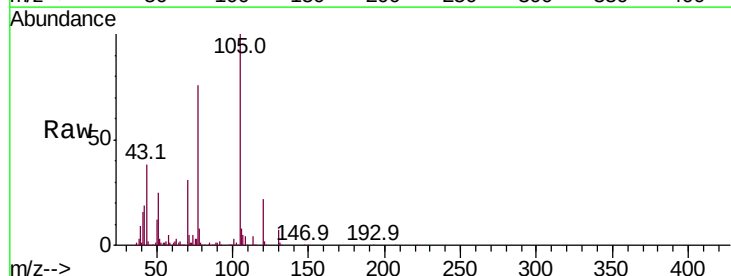
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

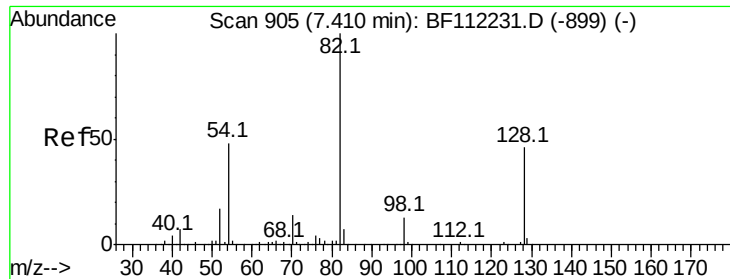
Tot Ion:136	Resp:	453686
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	5.7	5.9 8.9#
68	4.8	5.1 7.7#



#22
Acetophenone
Concen: 45.299 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:105	Resp:	500434
Ion Ratio	Lower	Upper
105	100	
71	5.2	4.6 6.8
51	25.3	25.0 37.6
120	22.5	19.0 28.4

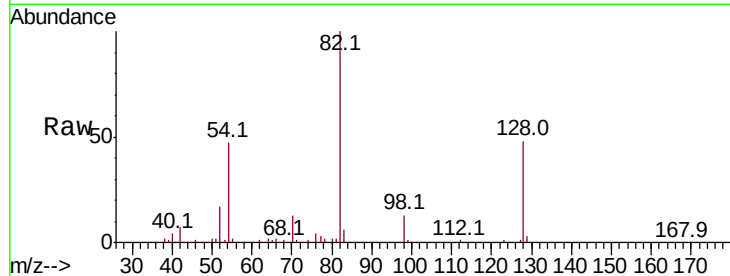




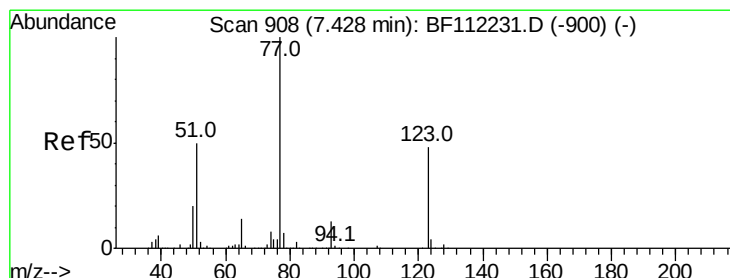
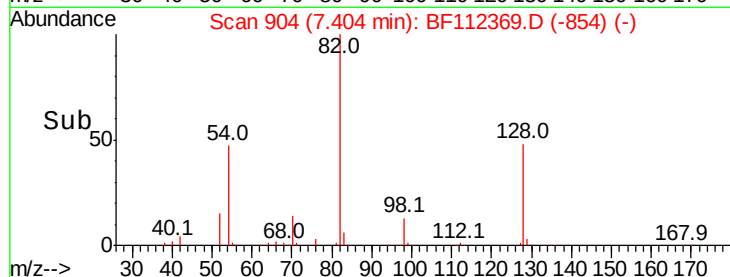
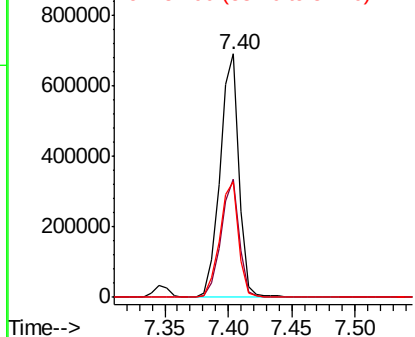
#23
Nitrobenzene-d5
Concen: 91.468 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	82	Resp	720200
Ion Ratio	Lower	Upper	
82	100		
128	48.4	37.8	56.8
54	47.4	39.7	59.5

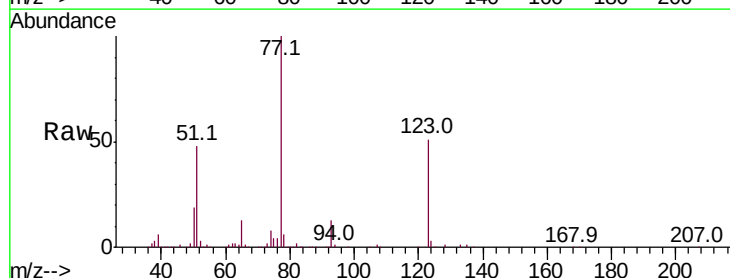


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

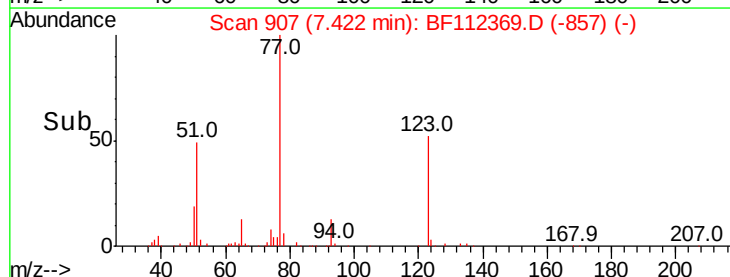
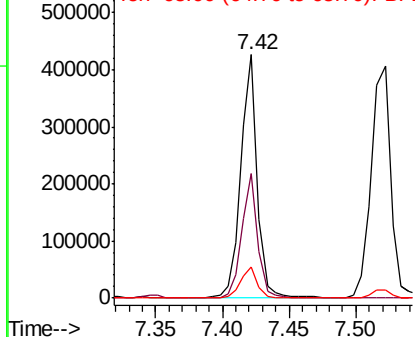


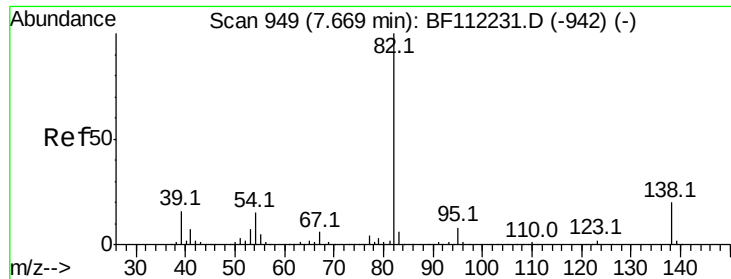
#24
Nitrobenzene
Concen: 46.502 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion	77	Resp	365675
Ion Ratio	Lower	Upper	
77	100		
123	51.2	38.4	57.6
65	12.8	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 52.483 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

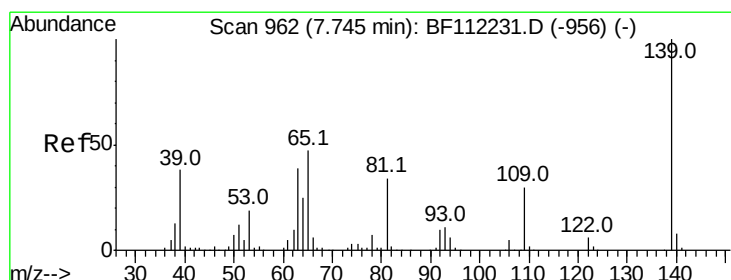
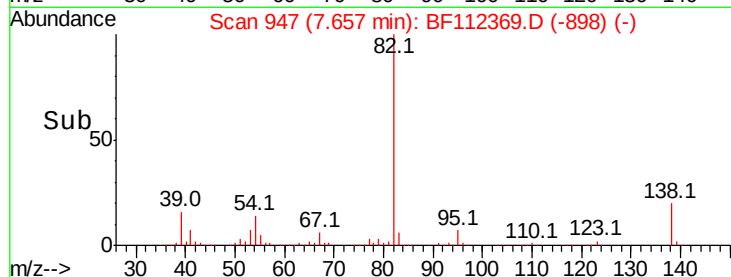
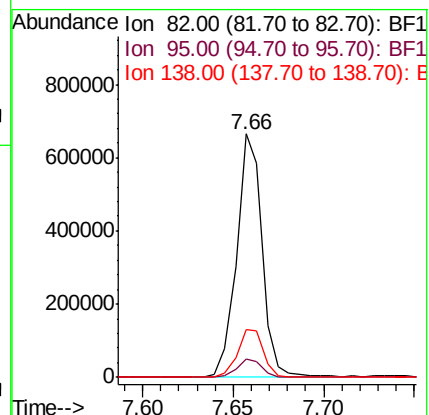
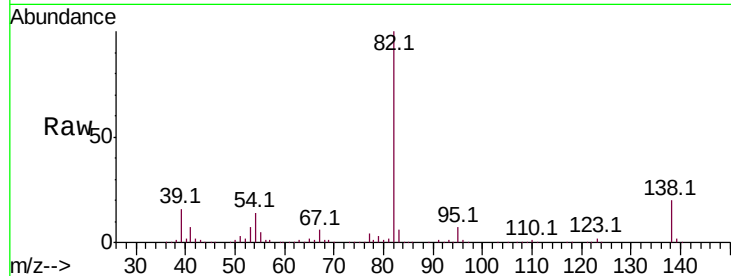
Tot Ion: 82 Resp: 648285

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

138 19.5 15.4 23.0



#26

2-Nitrophenol

Concen: 46.316 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

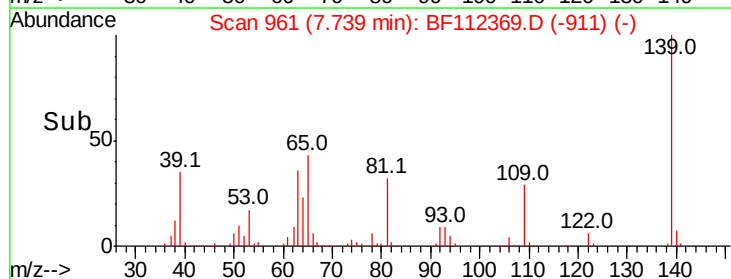
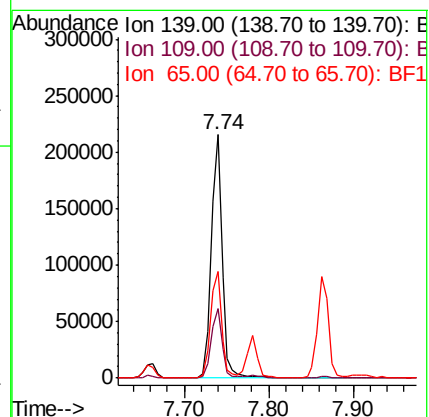
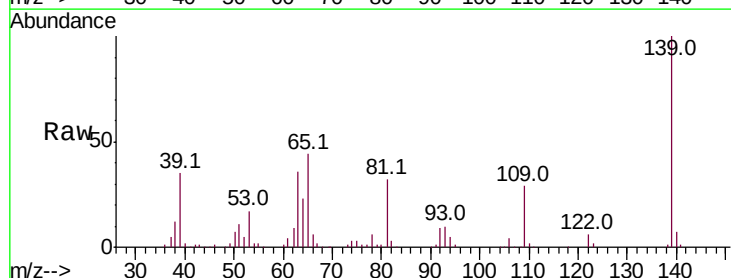
Tgt Ion: 139 Resp: 194639

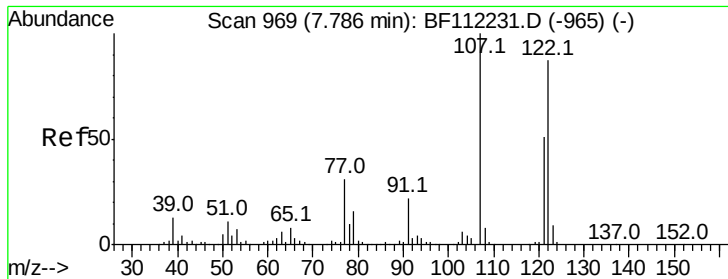
Ion Ratio Lower Upper

139 100

109 28.7 20.8 31.2

65 43.6 34.4 51.6

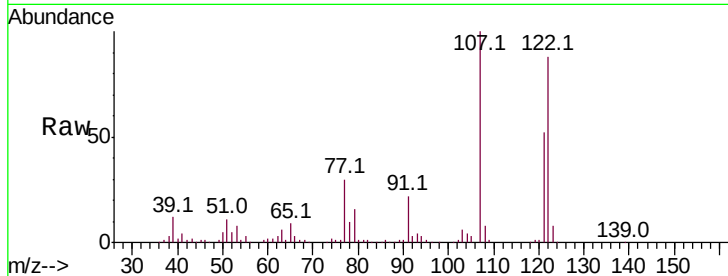




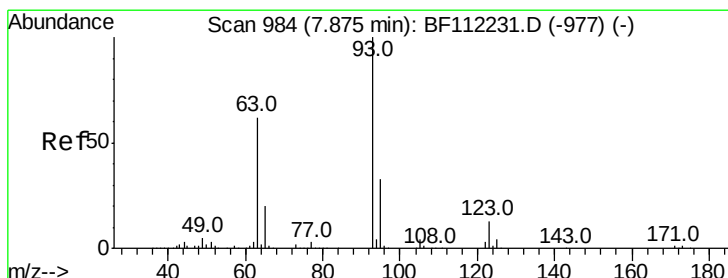
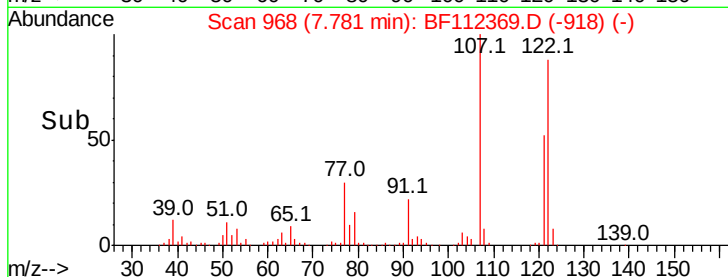
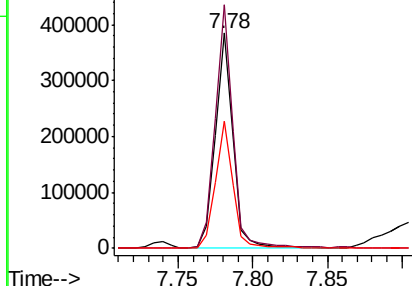
#27
2,4-Dimethylphenol
Concen: 54.885 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:122 Resp: 317785
Ion Ratio Lower Upper
122 100
107 113.3 85.4 128.0
121 59.0 47.0 70.4

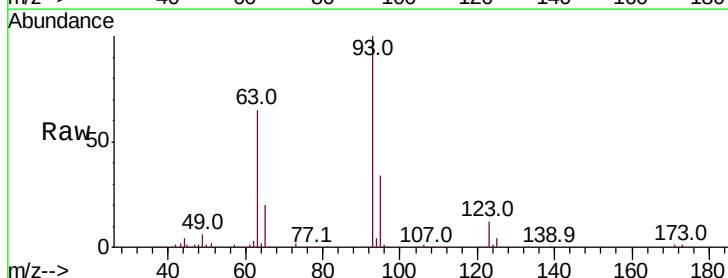


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

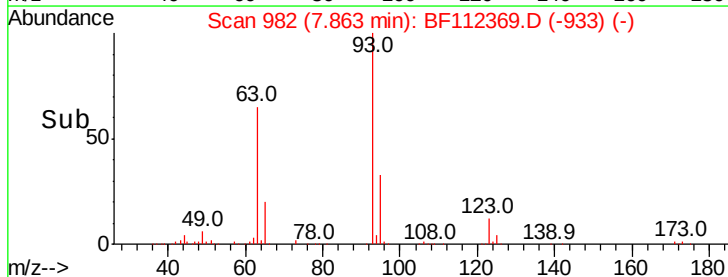
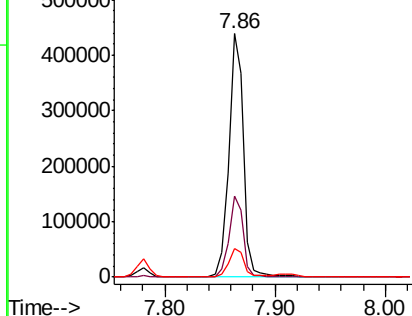


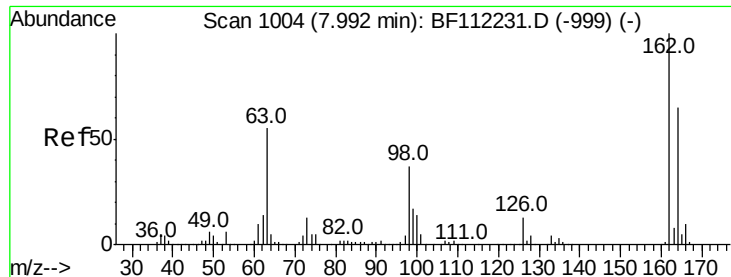
#28
bis(2-Chloroethoxy)methane
Concen: 48.502 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion: 93 Resp: 407940
Ion Ratio Lower Upper
93 100
95 33.5 26.8 40.2
123 11.7 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

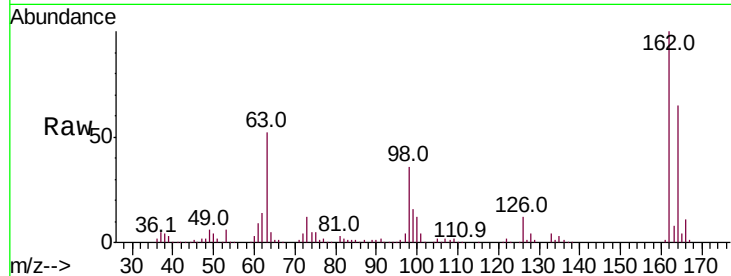




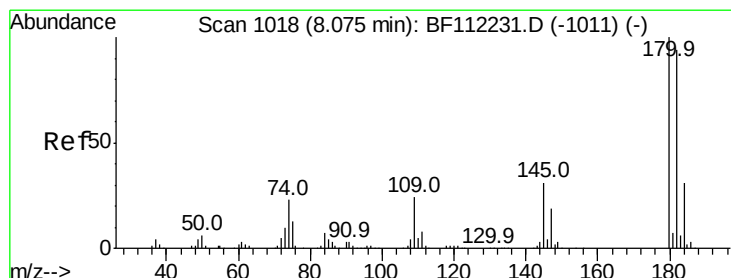
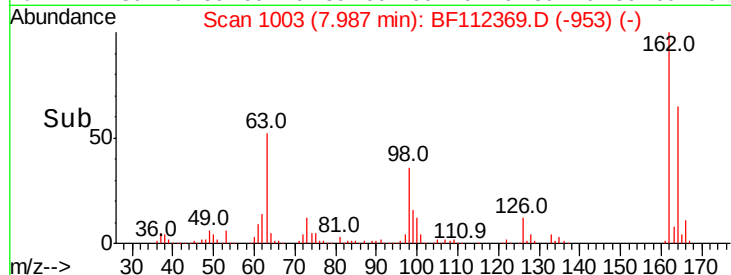
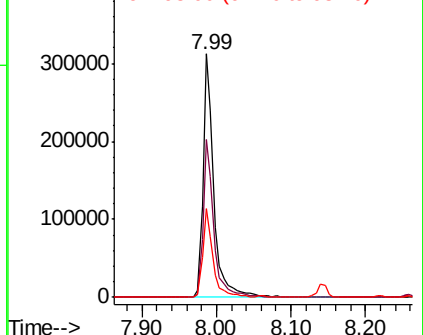
#29
 2,4-Dichlorophenol
 Concen: 49.322 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	36.4	14.6	54.6

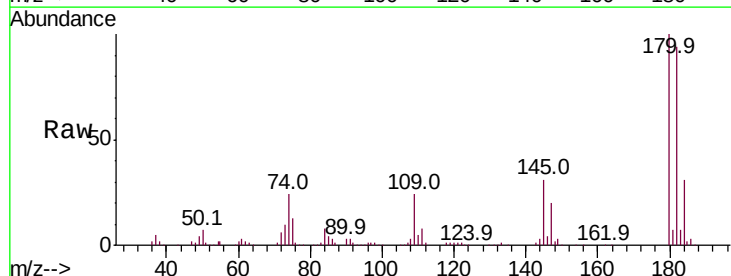


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

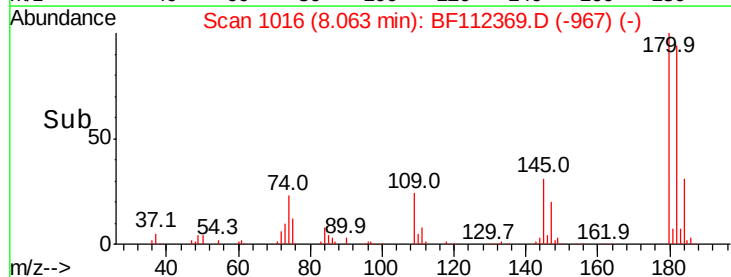
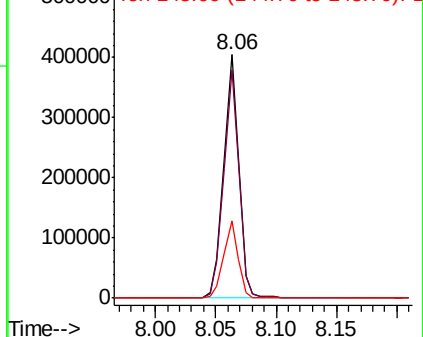


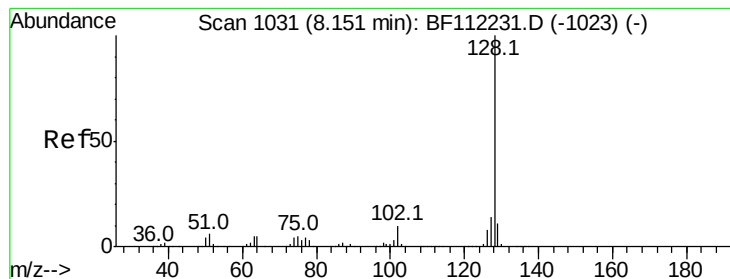
#30
 1,2,4-Trichlorobenzene
 Concen: 47.605 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.4	114.6
145	31.5	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: 50.320 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

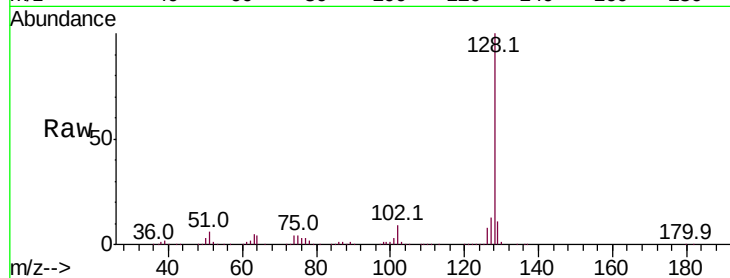
Tot Ion:128 Resp: 1067612

Ion Ratio Lower Upper

128 100

129 10.8 9.6 14.4

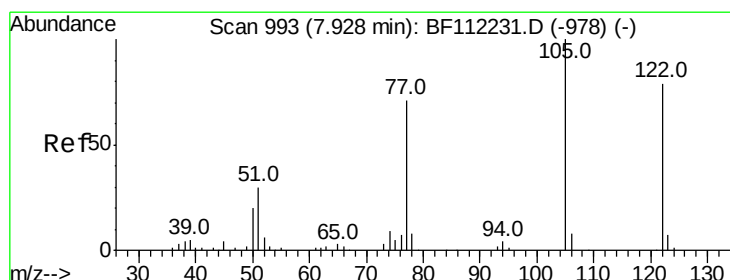
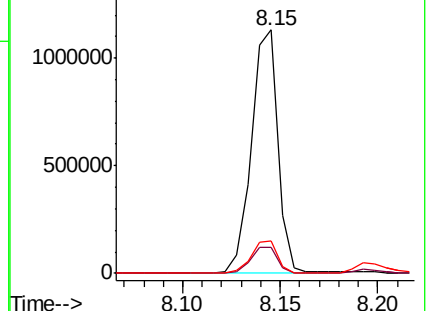
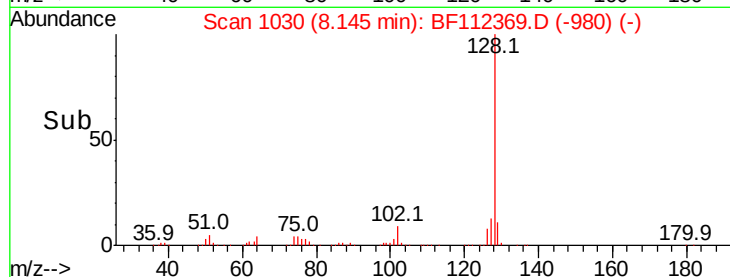
127 13.3 11.1 16.7



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: 42.867 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

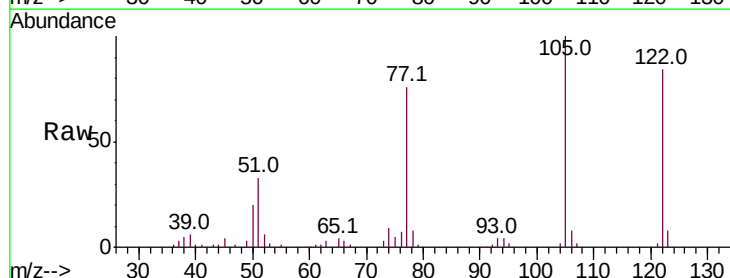
Tgt Ion:122 Resp: 141576

Ion Ratio Lower Upper

122 100

105 118.6 101.2 141.2

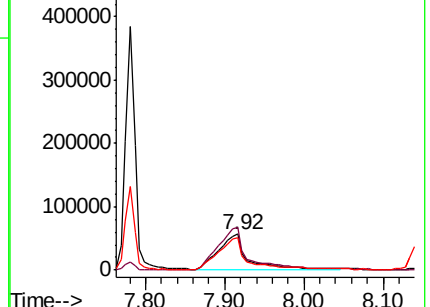
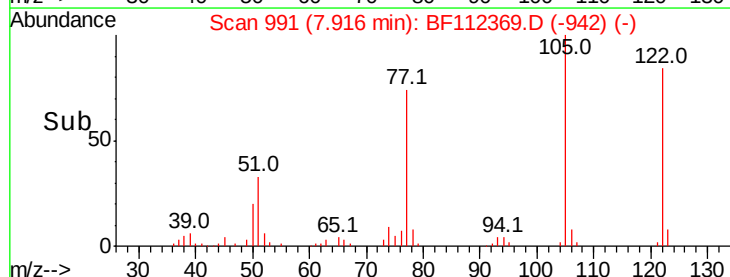
77 89.9 70.4 110.4

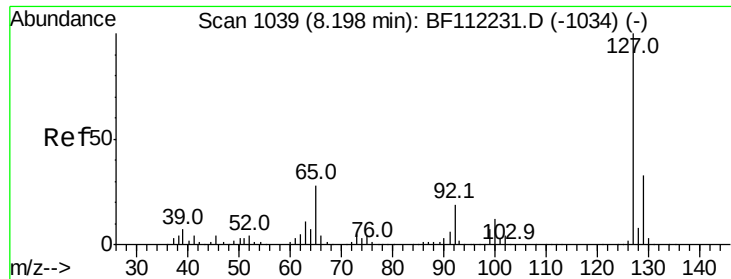


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

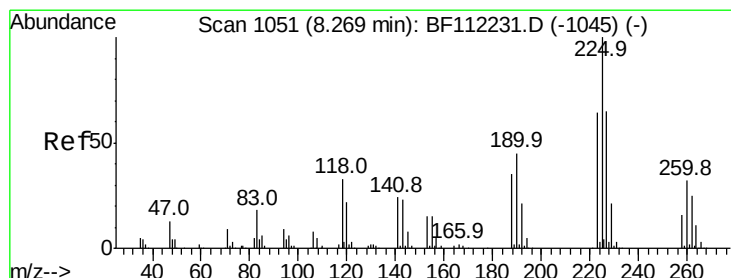
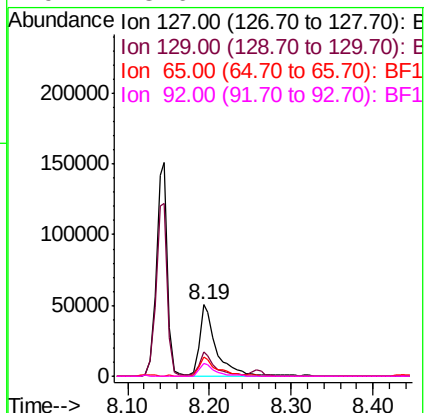
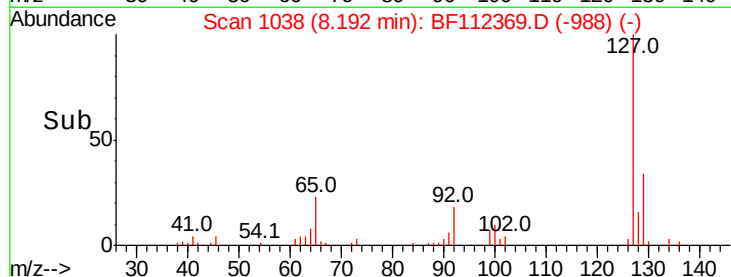
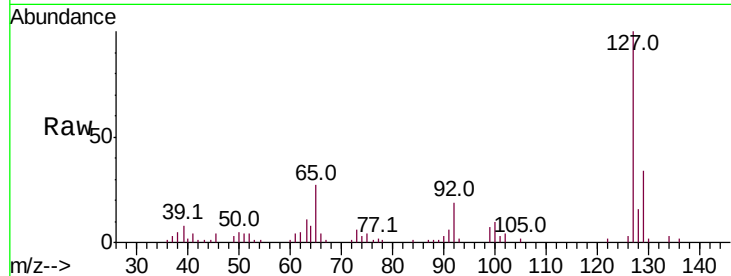




#33
4-Chloroaniline
Concen: 7.947 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

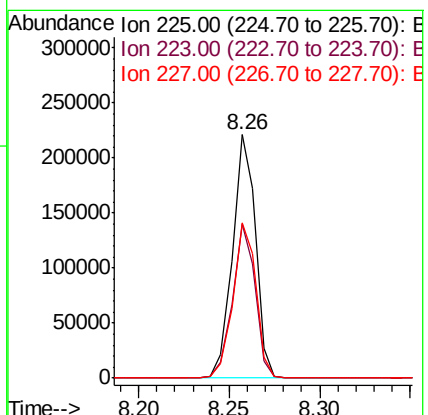
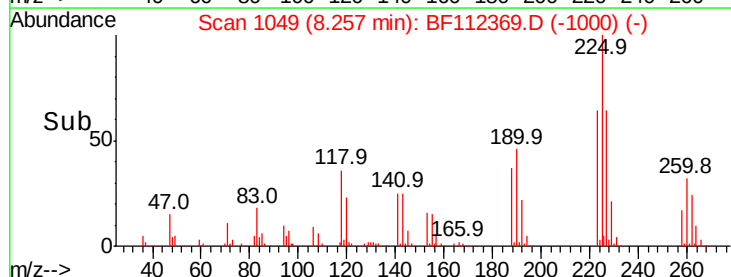
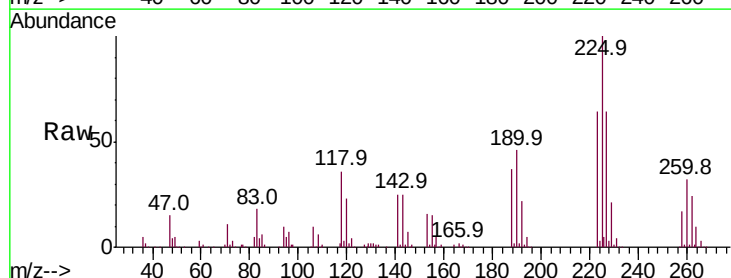
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

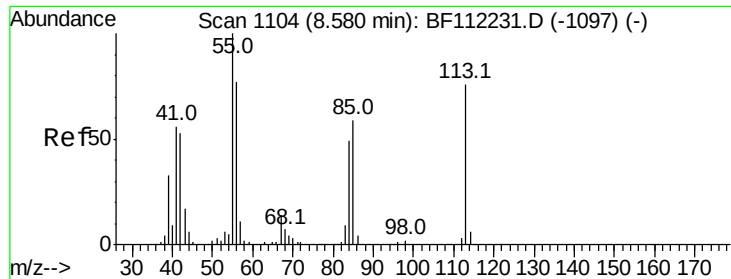
Tot Ion:127 Resp: 73418
Ion Ratio Lower Upper
127 100
129 34.0 26.6 39.8
65 27.5 21.4 32.2
92 18.6 14.2 21.2



#34
Hexachlorobutadiene
Concen: 44.720 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:225 Resp: 195448
Ion Ratio Lower Upper
225 100
223 63.5 50.3 75.5
227 63.8 51.8 77.8

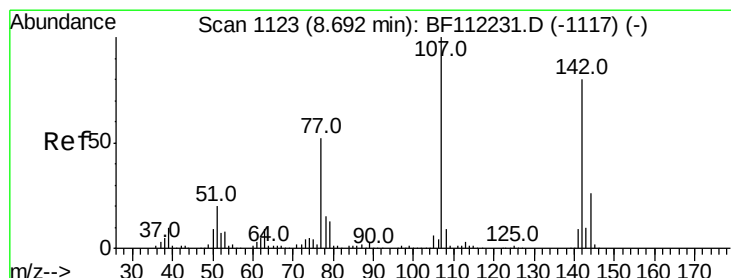
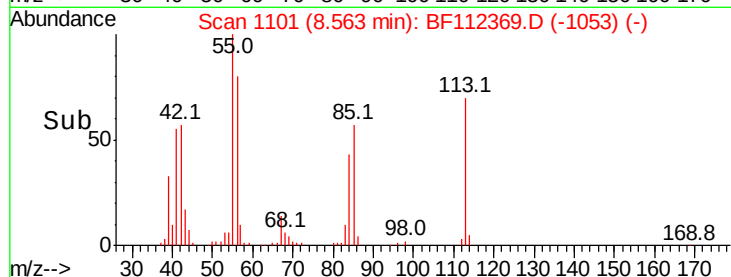
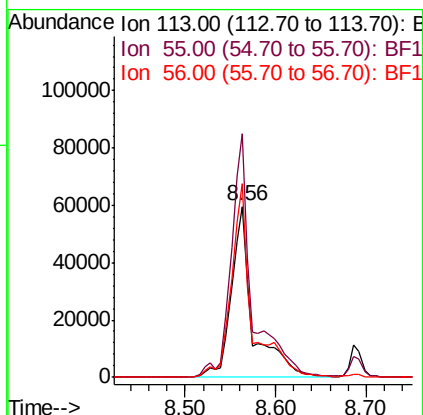
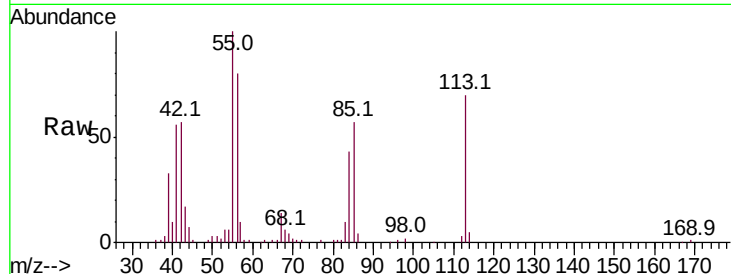




#35
Caprolactam
Concen: 43.534 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

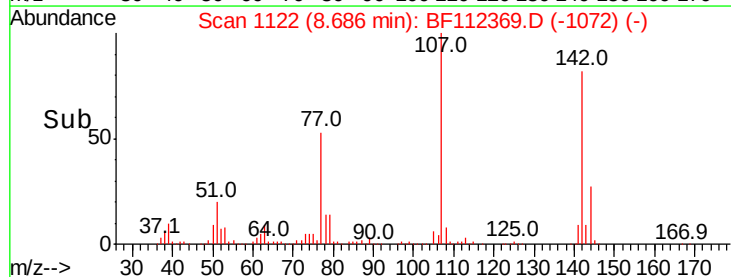
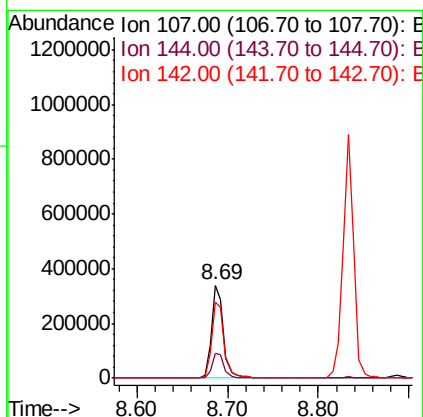
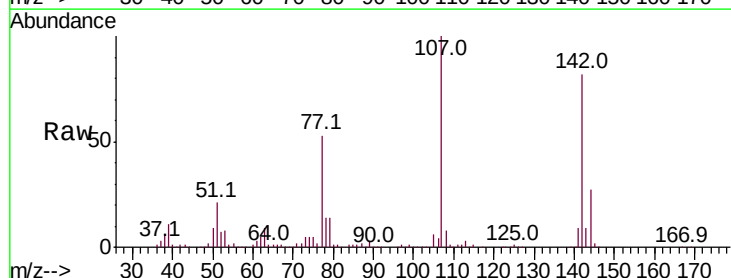
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

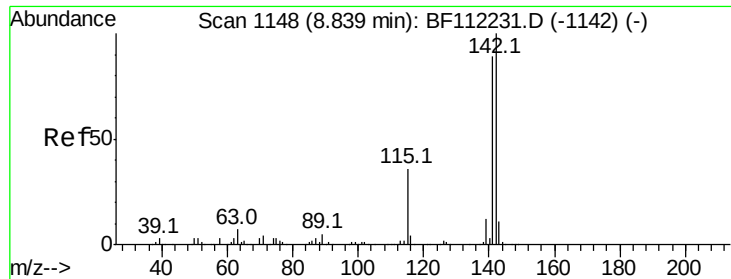
Tot Ion:113 Resp: 99507
Ion Ratio Lower Upper
113 100
55 142.3 121.6 161.6
56 113.4 86.7 126.7



#36
4-Chloro-3-methylphenol
Concen: 46.161 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:107 Resp: 316625
Ion Ratio Lower Upper
107 100
144 26.7 22.2 33.2
142 82.2 67.7 101.5





#37

2-Methylnaphthalene

Concen: 51.727 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

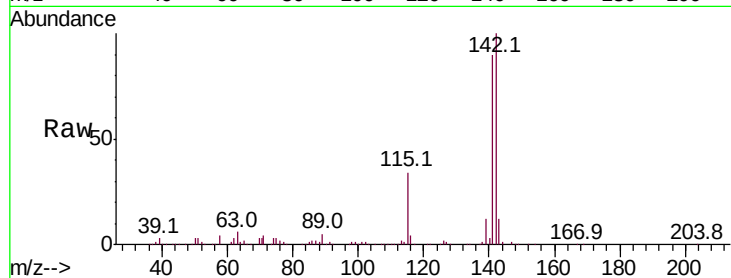
Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:142 Resp: 751295

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.9	106.3
115	33.6	24.9	37.3

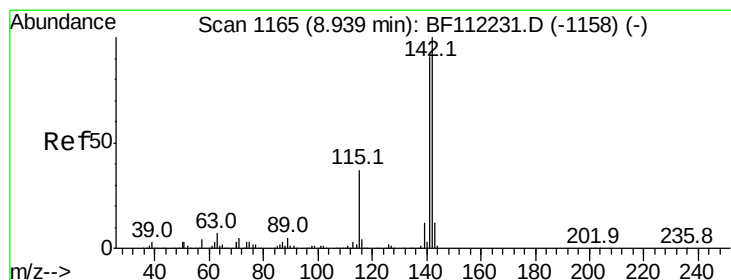
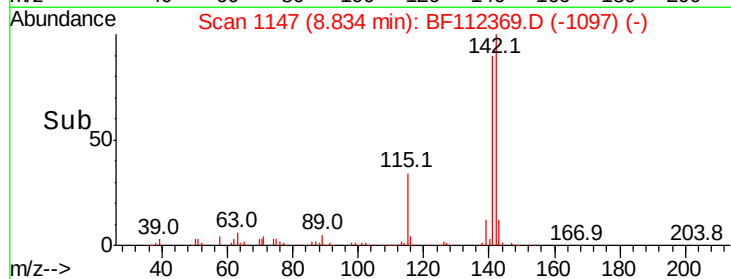
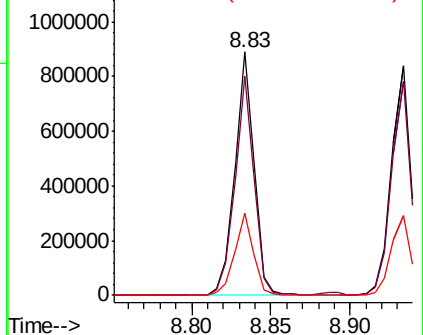


Abundance

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: 50.773 ng

RT: 8.93 min Scan# 1164

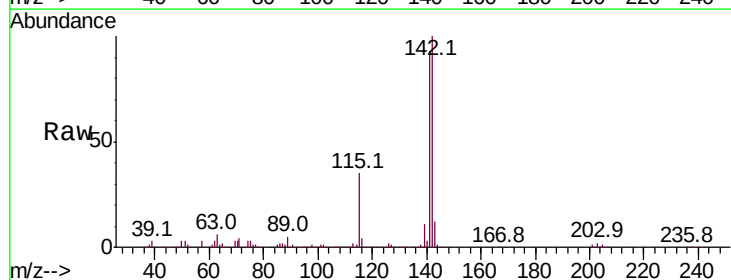
Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Tgt Ion:142 Resp: 706818

Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.6	108.8
116	3.9	2.8	4.2

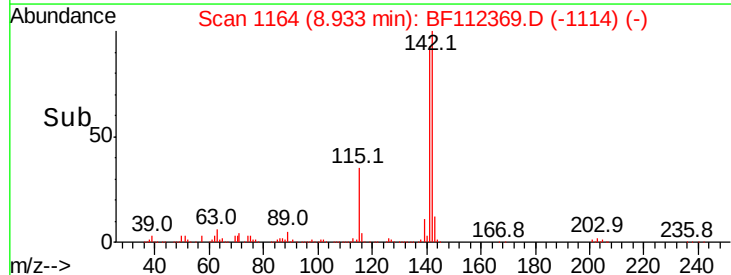
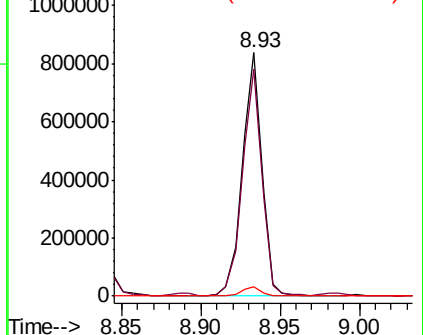


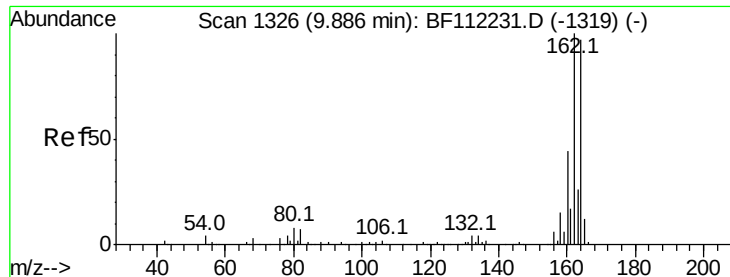
Abundance

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

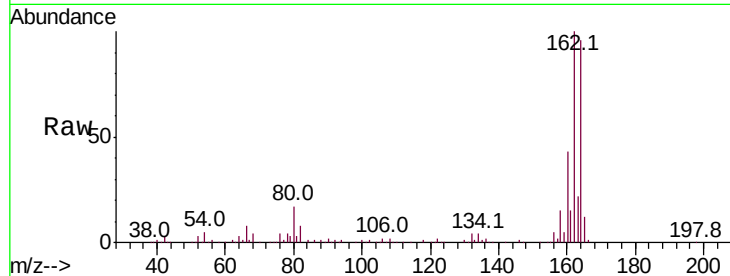




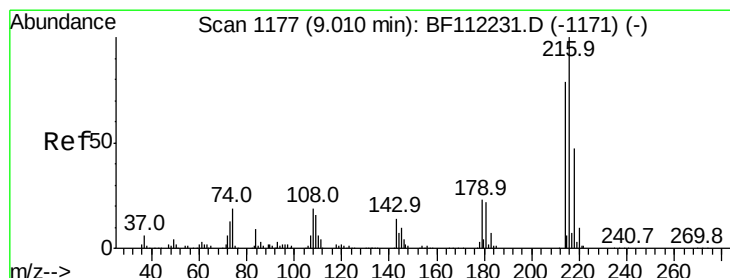
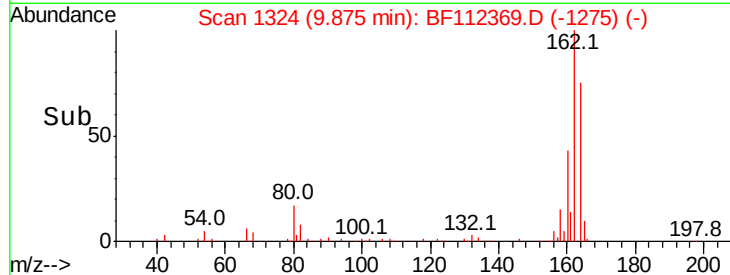
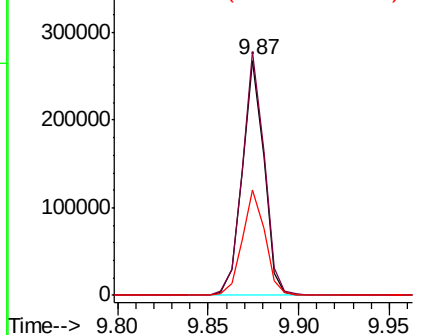
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.4
160	44.8	36.2	54.4



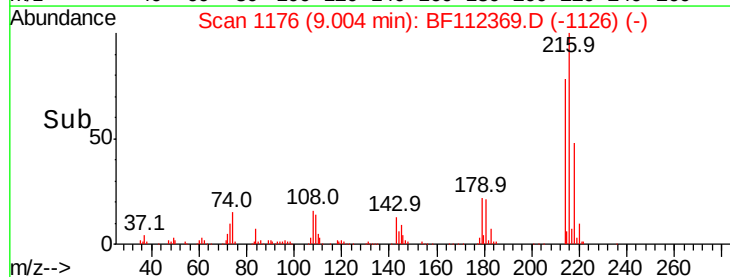
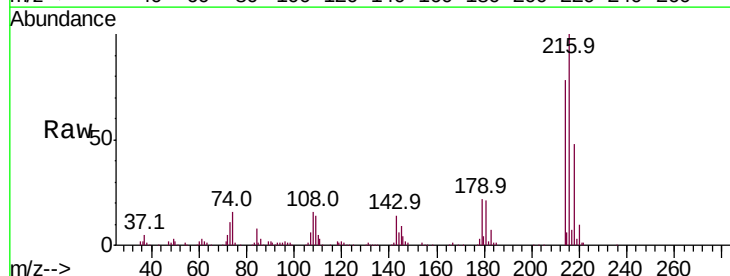
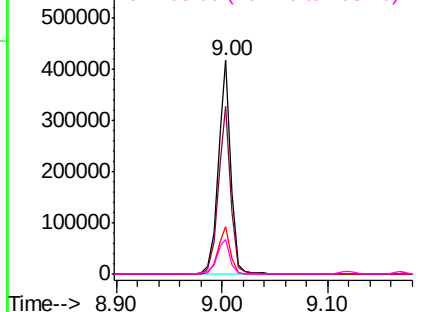
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

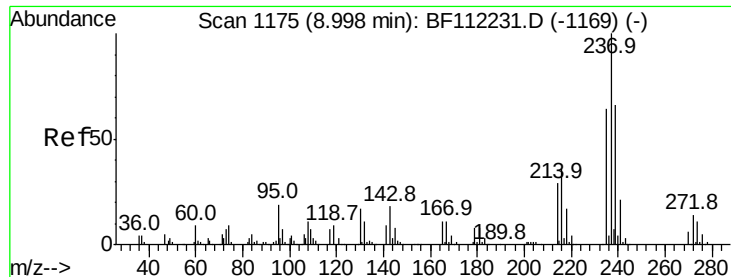


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.689 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.8	95.6
179	21.9	16.9	25.3
108	17.5	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

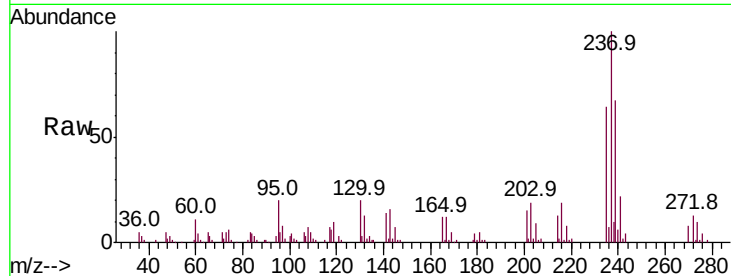




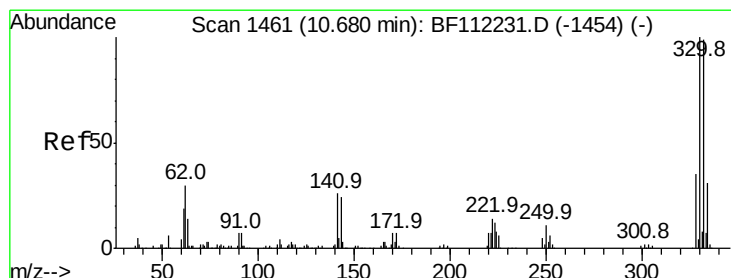
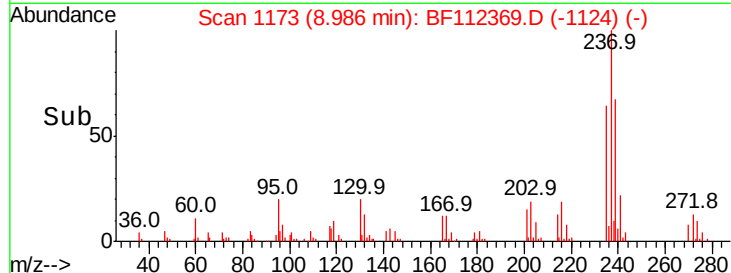
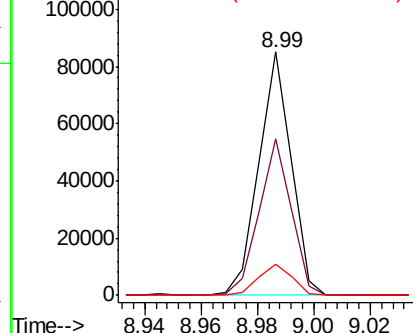
#41
Hexachlorocyclopentadiene
Concen: 30.941 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:237 Resp: 67612
Ion Ratio Lower Upper
237 100
235 64.4 44.0 84.0
272 12.6 0.0 33.3

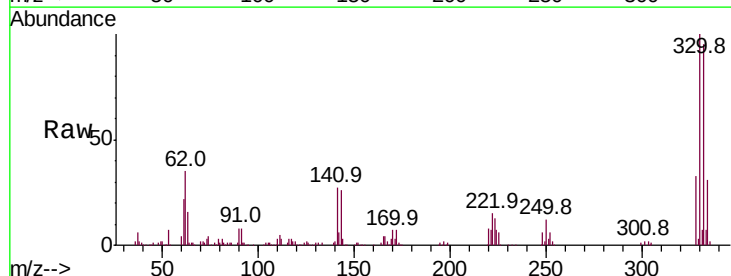


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

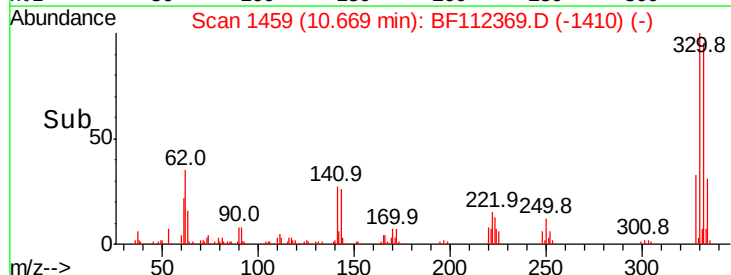
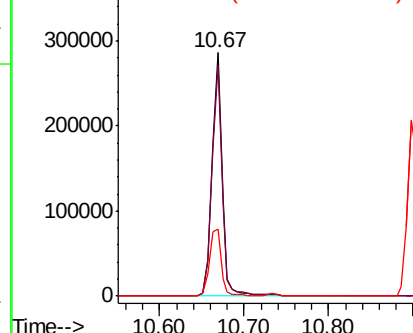


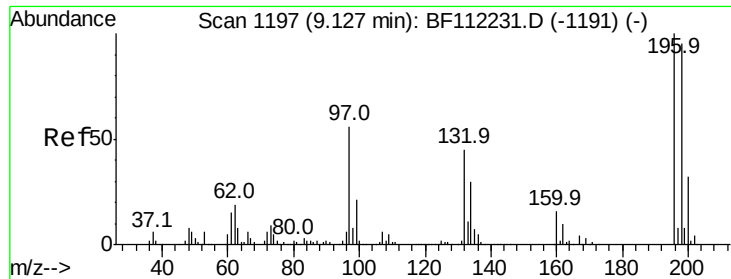
#42
2,4,6-Tribromophenol
Concen: 93.358 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:330 Resp: 242703
Ion Ratio Lower Upper
330 100
332 94.8 76.6 114.8
141 31.5 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

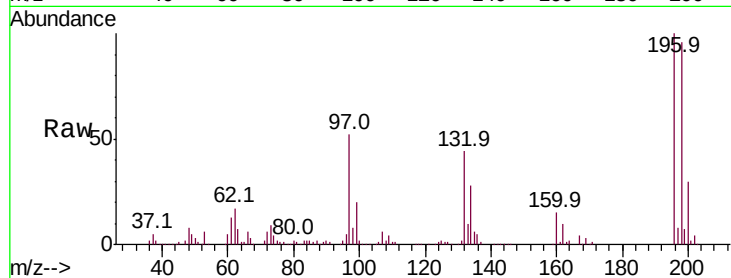




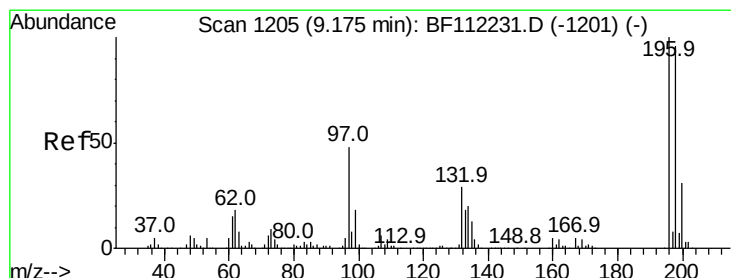
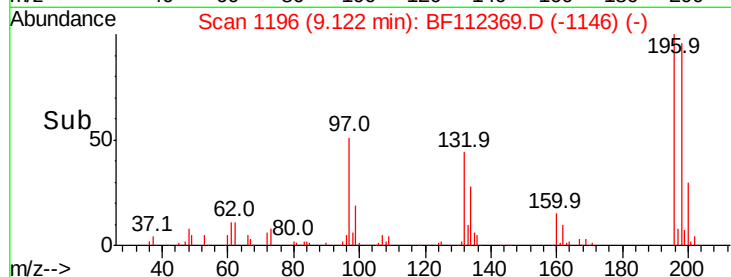
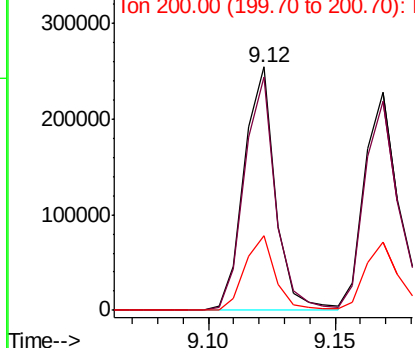
#43
 2,4,6-Trichlorophenol
 Concen: 48.607 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion:196 Resp: 219720
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.2 114.4
 200 30.5 24.3 36.5



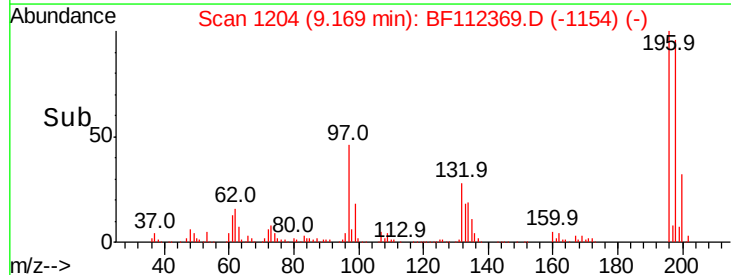
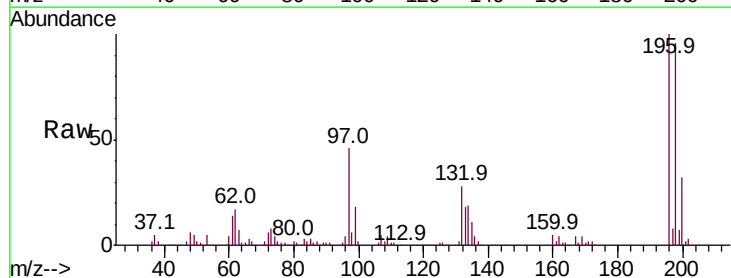
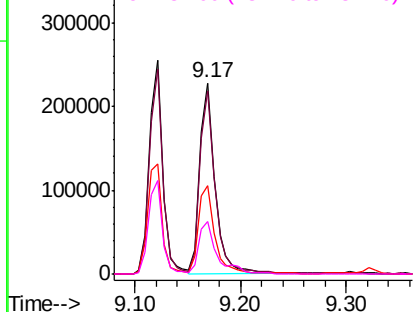
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

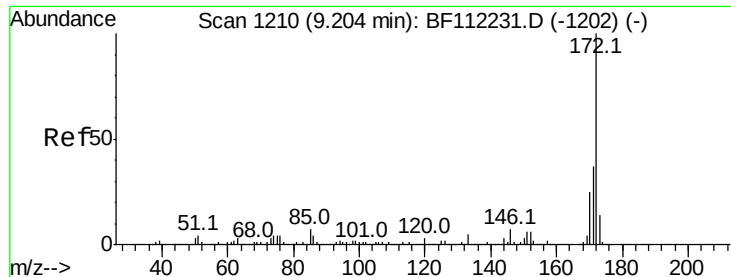


#44
 2,4,5-Trichlorophenol
 Concen: 48.469 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Tgt Ion:196 Resp: 228982
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.0 114.0
 97 46.0 36.4 54.6
 132 27.6 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: 95.362 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

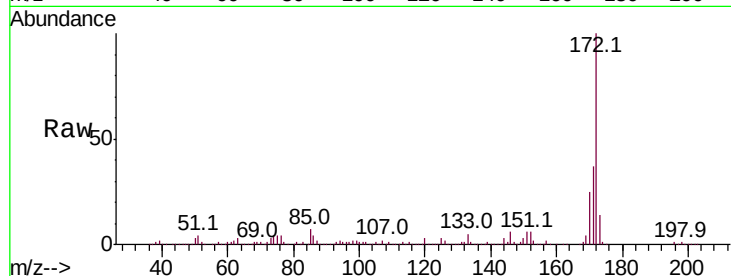
BNA_F

ClientSampleId :

PB116745BSD

Tot Ion:172 Resp: 1505917

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.5	20.2	30.4

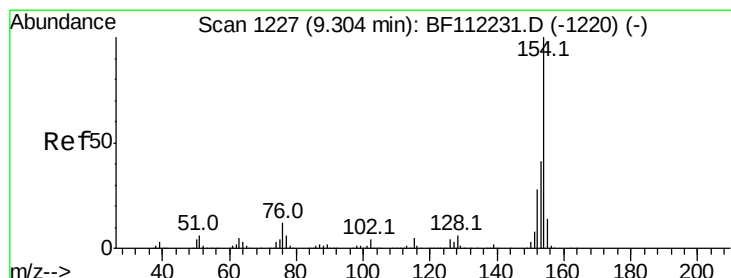
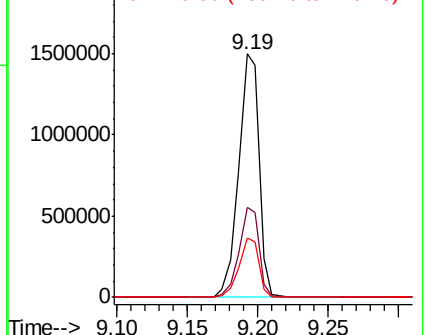
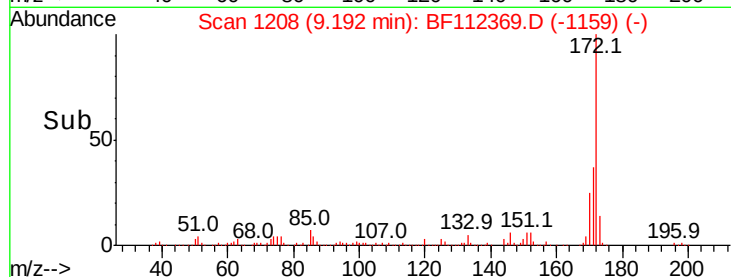


Abundance

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: 47.385 ng

RT: 9.30 min Scan# 1226

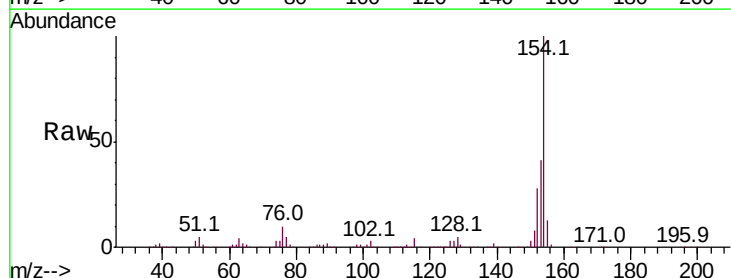
Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Tgt Ion:154 Resp: 925232

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.5	61.5
76	10.4	0.0	33.1

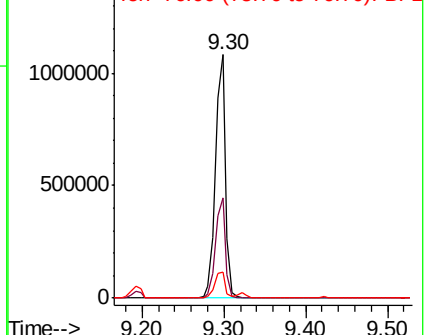
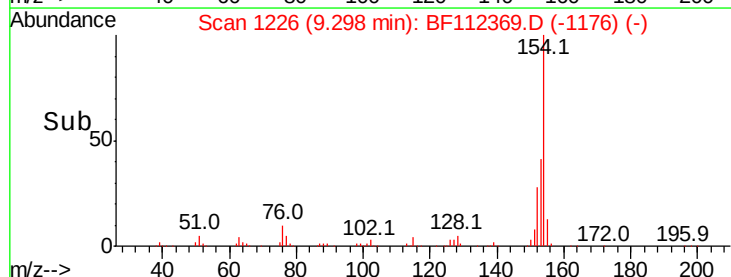


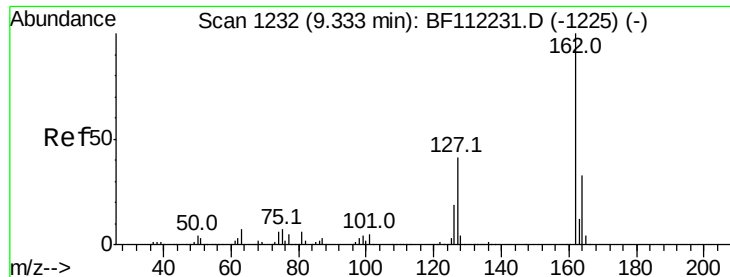
Abundance

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

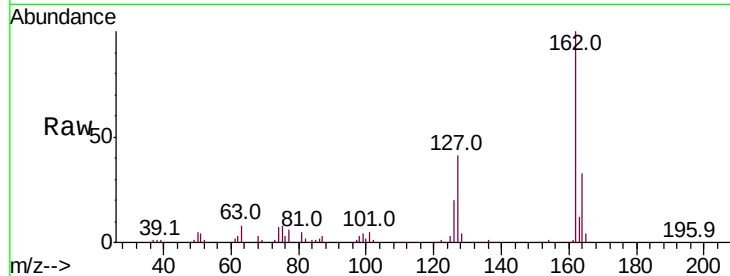




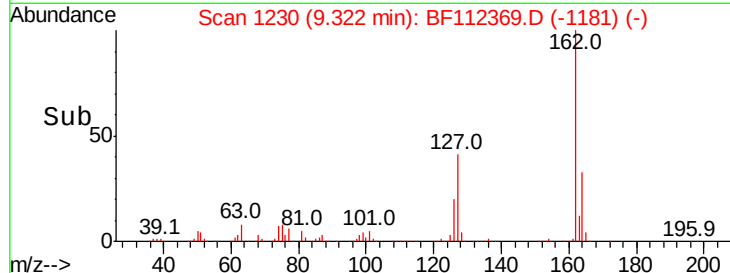
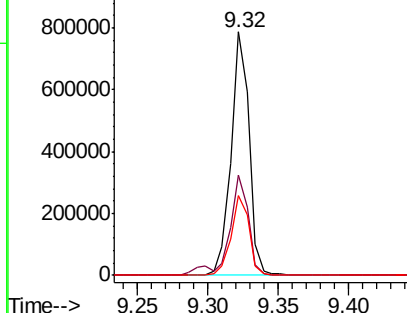
#47
 2-Chloronaphthalene
 Concen: 46.226 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	30.4	45.6
164	32.6	27.4	41.2

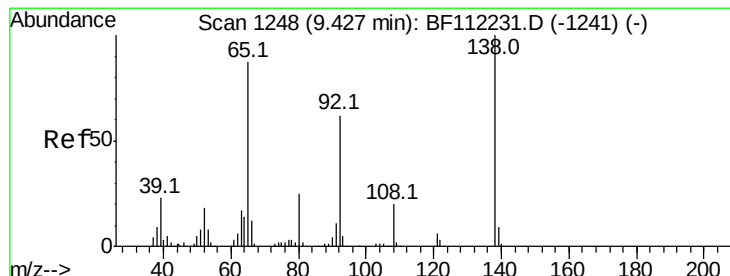


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

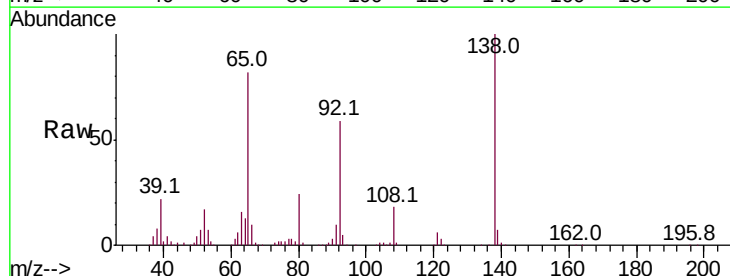
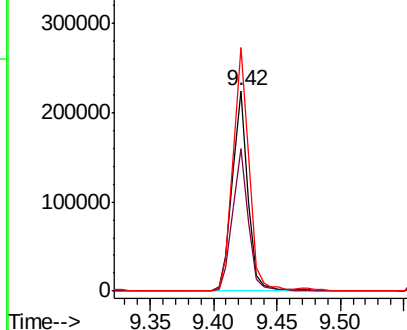


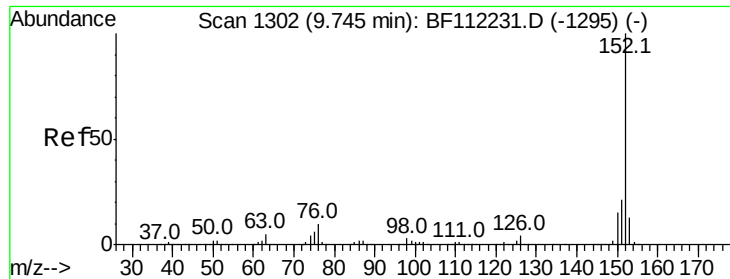
#48
 2-Nitroaniline
 Concen: 46.695 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	60.4	90.6
138	121.5	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: 49.916 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

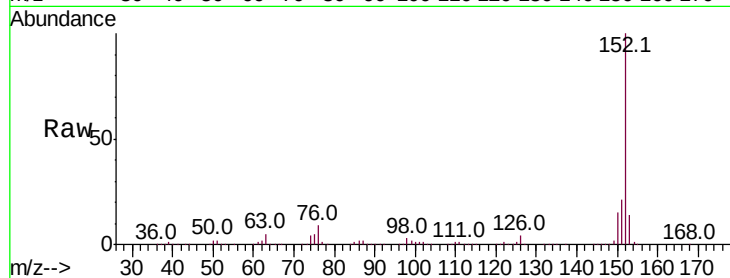
Tot Ion:152 Resp: 1107801

Ion Ratio Lower Upper

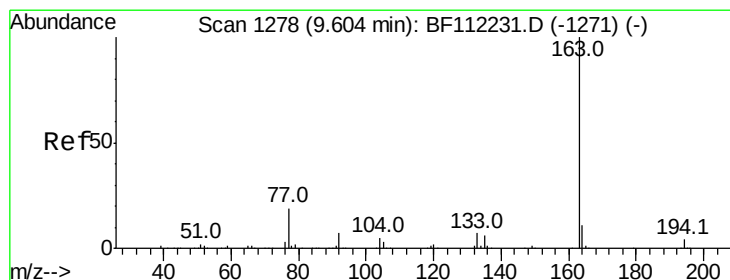
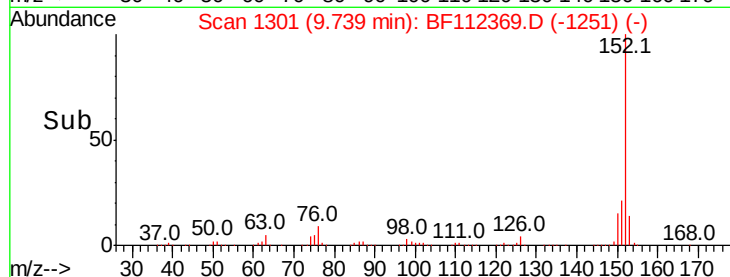
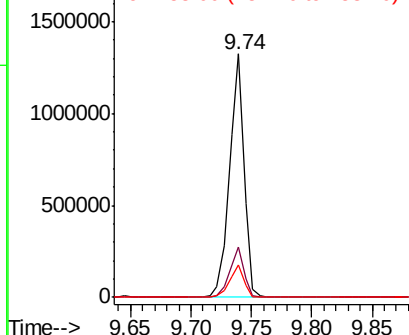
152 100

151 20.7 17.0 25.6

153 13.6 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: 48.412 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

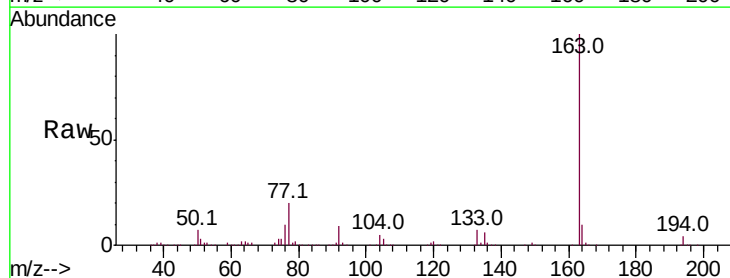
Tgt Ion:163 Resp: 840096

Ion Ratio Lower Upper

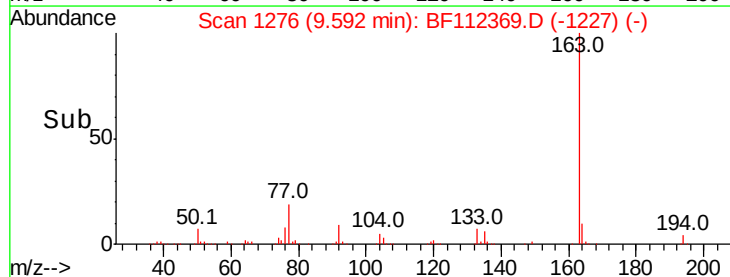
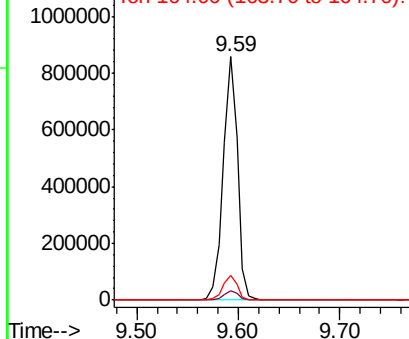
163 100

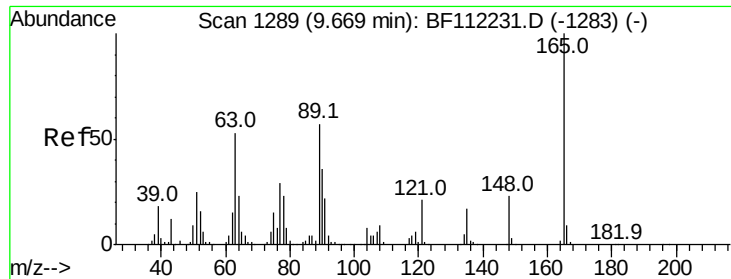
194 3.9 3.3 4.9

164 10.1 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

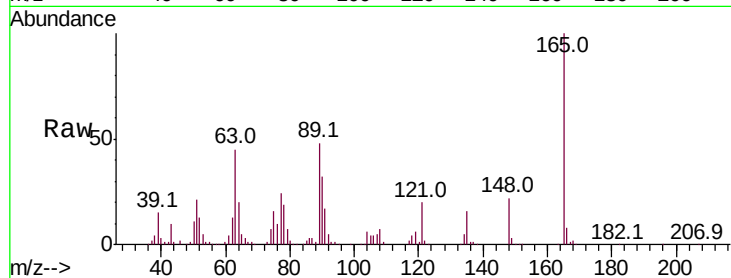




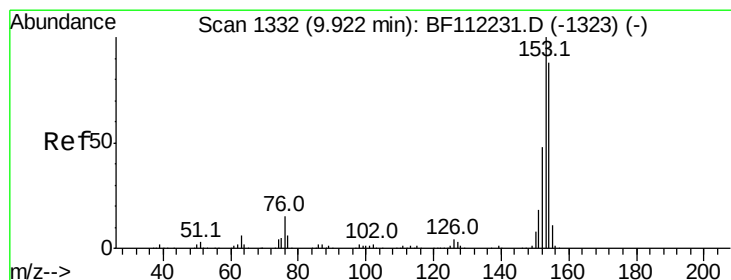
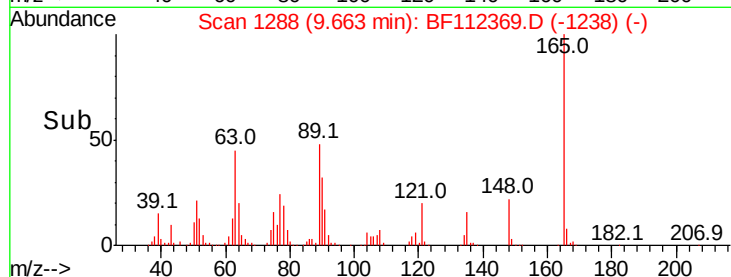
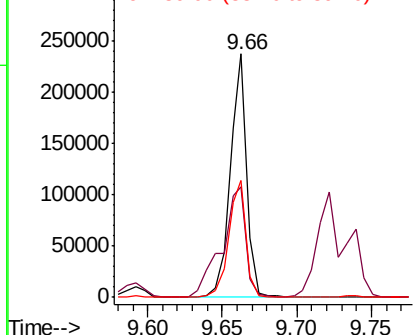
#51
 2,6-Dinitrotoluene
 Concen: 47.802 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion:165 Resp: 185777
 Ion Ratio Lower Upper
 165 100
 63 45.3 33.8 50.8
 89 48.1 36.9 55.3

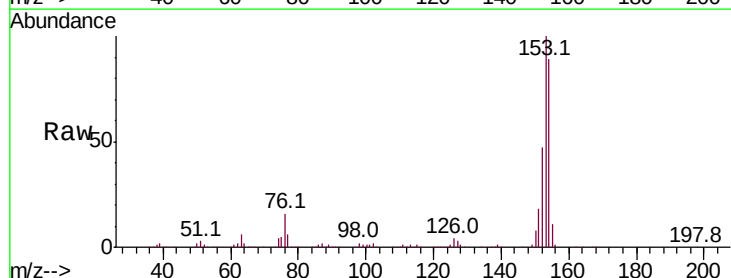


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

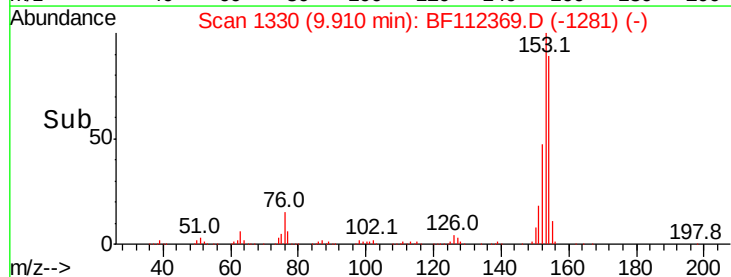
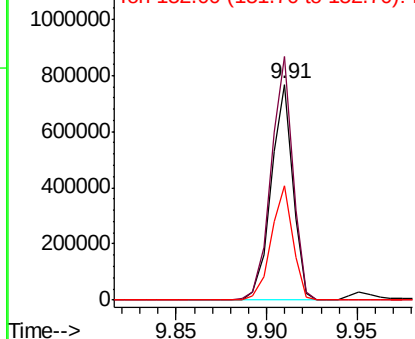


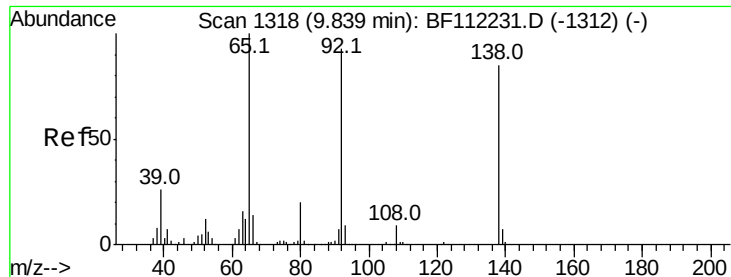
#52
 Acenaphthene
 Concen: 48.178 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Tgt Ion:154 Resp: 638728
 Ion Ratio Lower Upper
 154 100
 153 113.0 89.8 134.6
 152 53.3 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

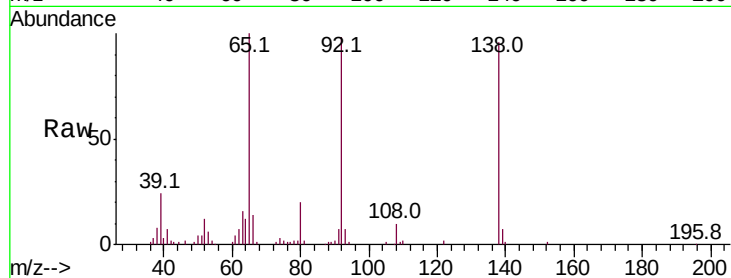




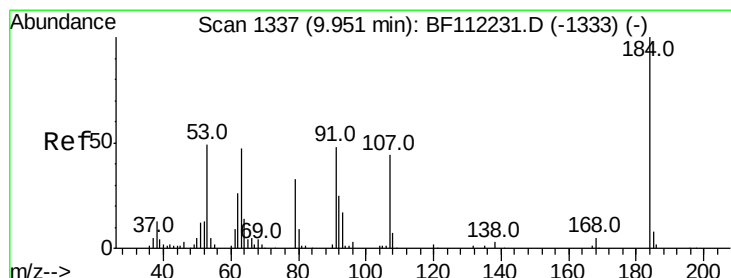
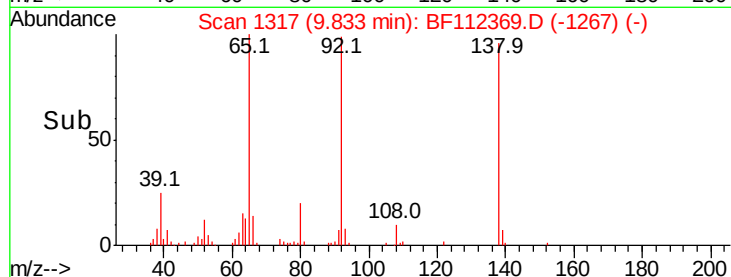
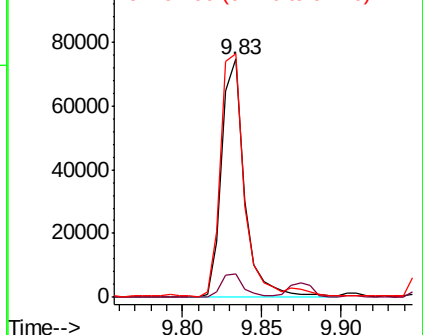
#53
3-Nitroaniline
Concen: 17.948 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:138 Resp: 75570
Ion Ratio Lower Upper
138 100
108 9.9 9.8 14.6
92 102.1 79.4 119.2

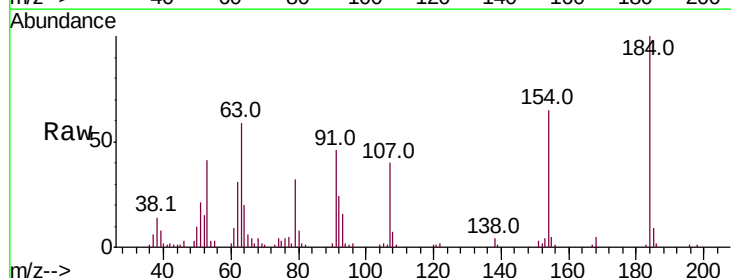


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

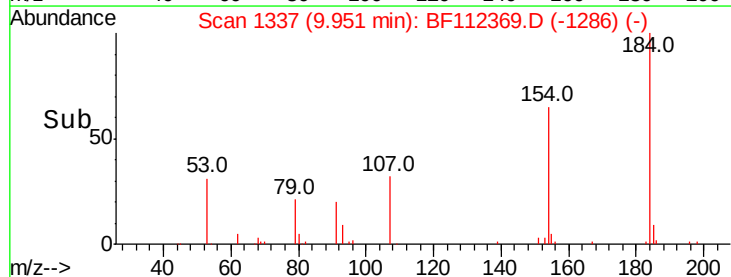
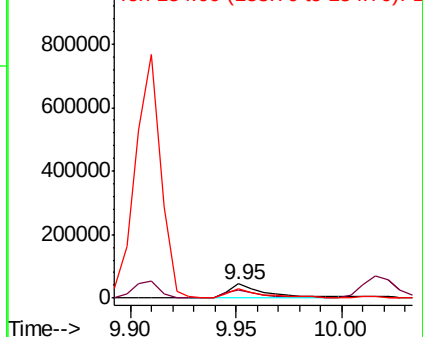


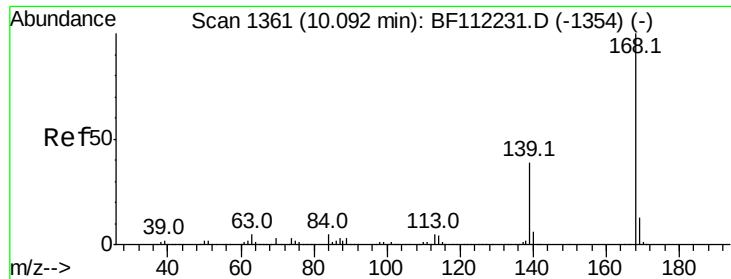
#54
2,4-Dinitrophenol
Concen: 42.708 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:184 Resp: 53267
Ion Ratio Lower Upper
184 100
63 58.6 47.1 70.7
154 64.7 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

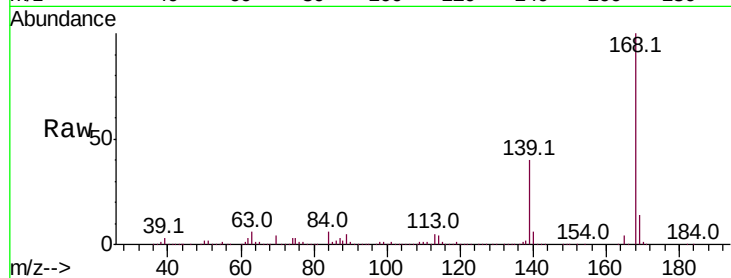




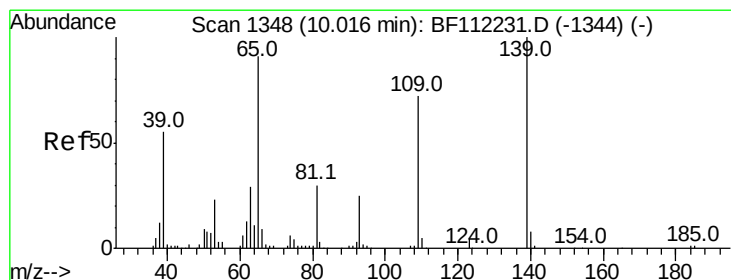
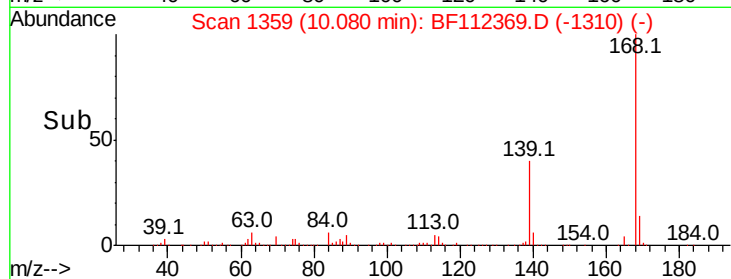
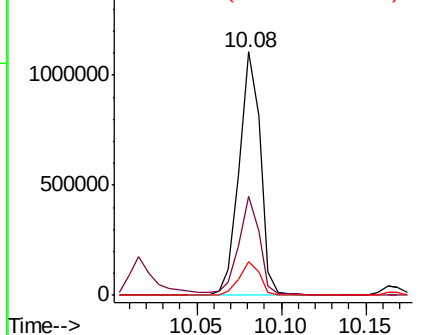
#55
Dibenzofuran
Concen: 47.749 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:168 Resp: 967385
Ion Ratio Lower Upper
168 100
139 40.4 29.2 43.8
169 13.7 11.4 17.0

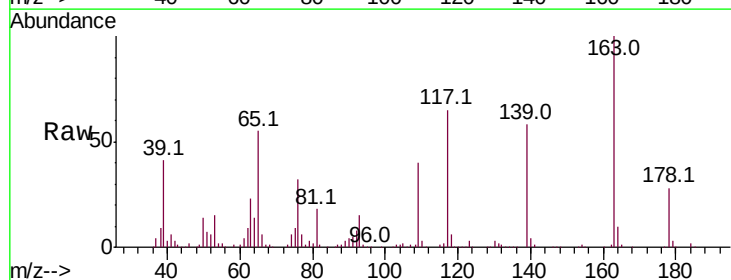


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

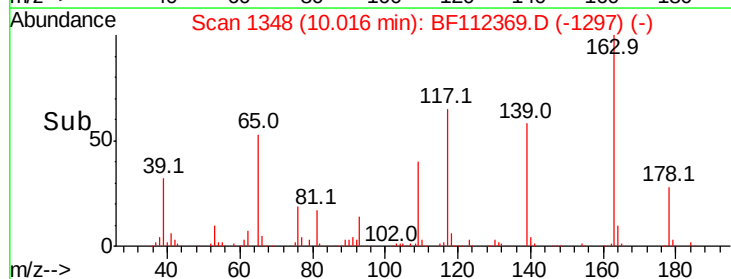
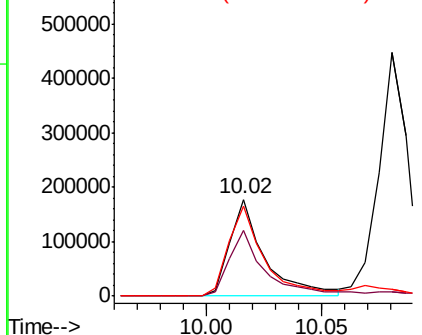


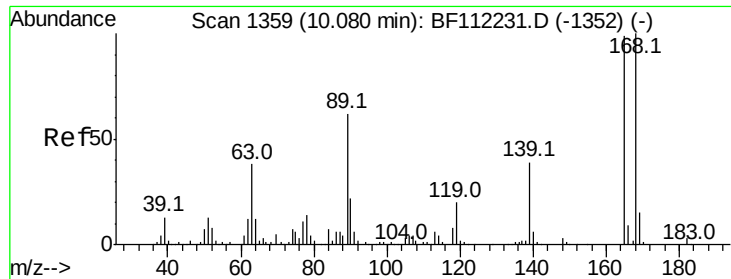
#56
4-Nitrophenol
Concen: 84.902 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:139 Resp: 188992
Ion Ratio Lower Upper
139 100
109 67.9 42.8 82.8
65 93.5 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

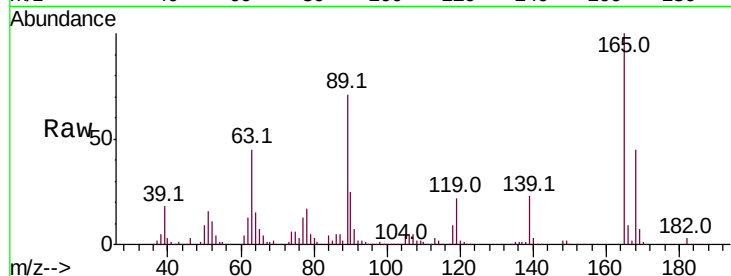




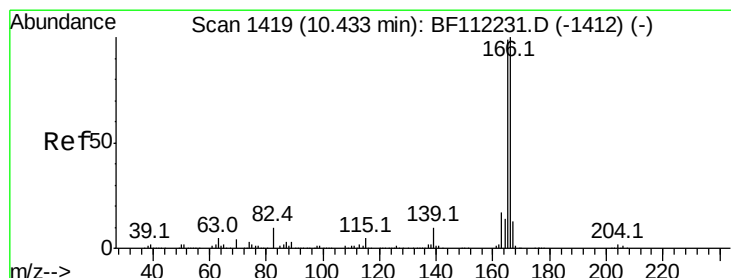
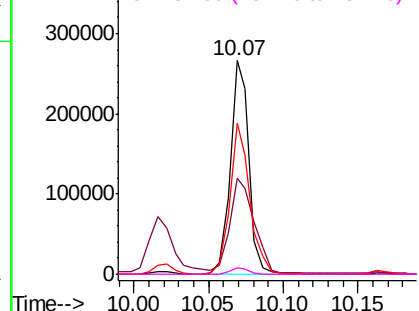
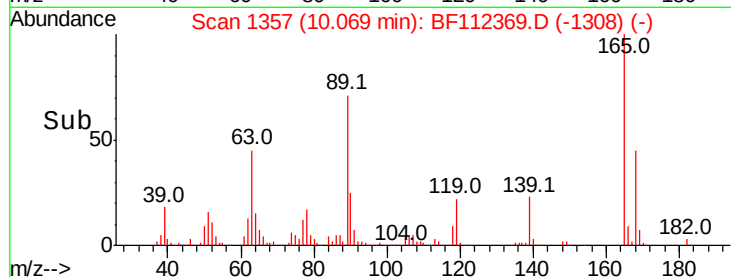
#57
2,4-Dinitrotoluene
Concen: 47.521 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:165 Resp: 235120
Ion Ratio Lower Upper
165 100
63 44.9 27.9 41.9#
89 70.7 47.9 71.9
182 2.9 2.2 3.4

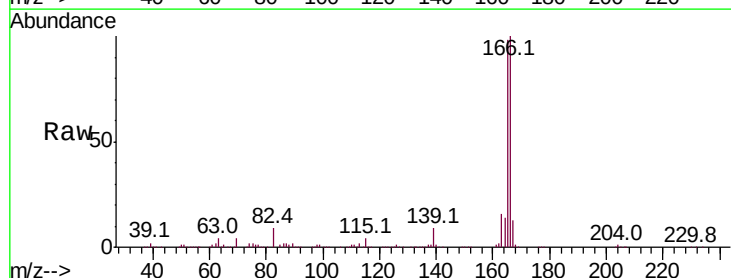


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

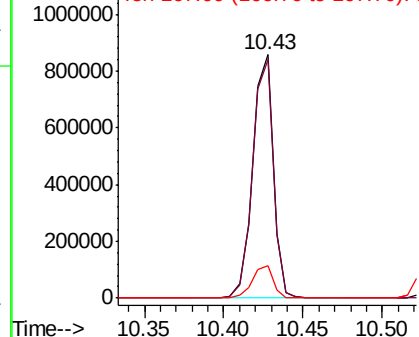
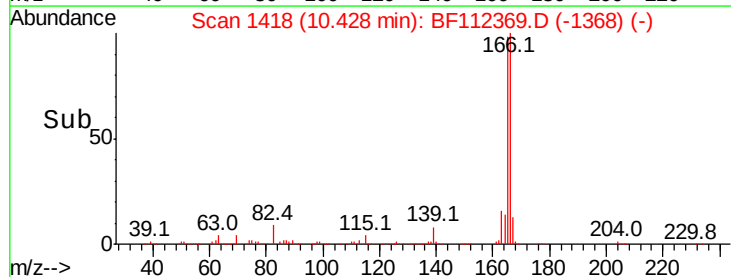


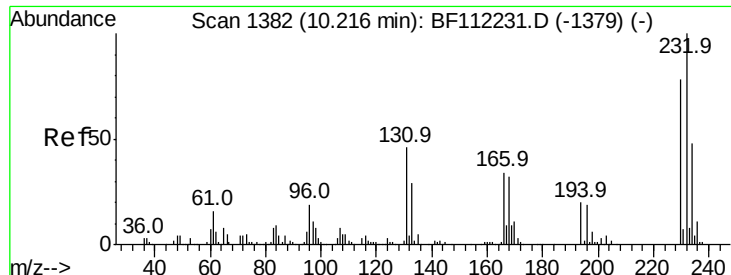
#58
Fluorene
Concen: 50.673 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:166 Resp: 768251
Ion Ratio Lower Upper
166 100
165 97.8 77.1 115.7
167 13.1 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

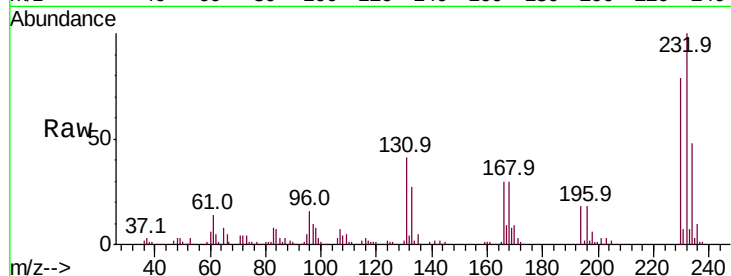




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.329 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	33.9	50.9
130	2.1	1.8	2.6
166	29.9	23.6	35.4



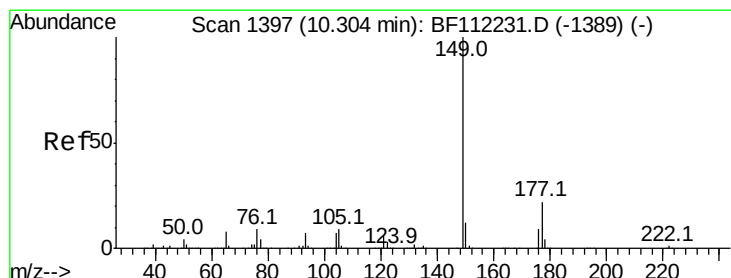
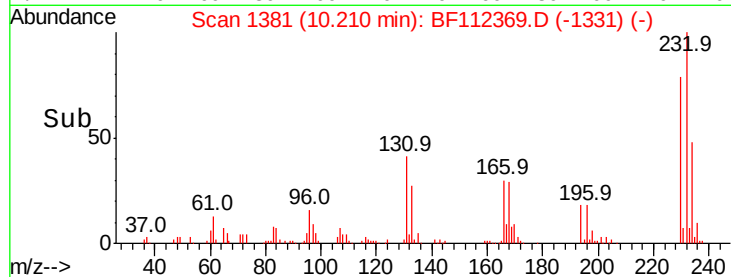
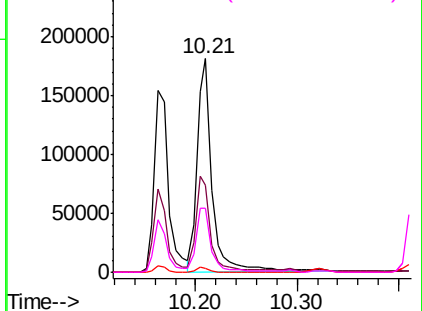
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

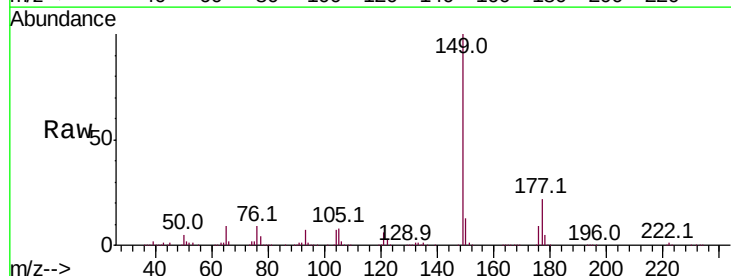
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.739 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.2
150	12.6	10.4	15.6

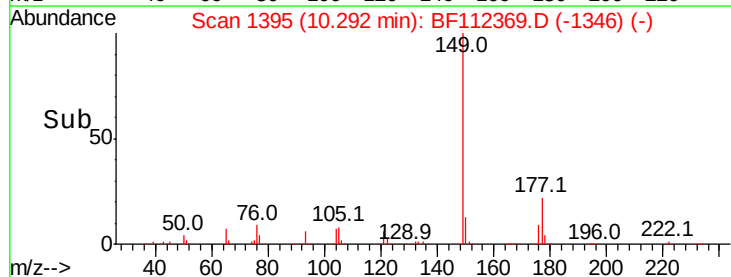
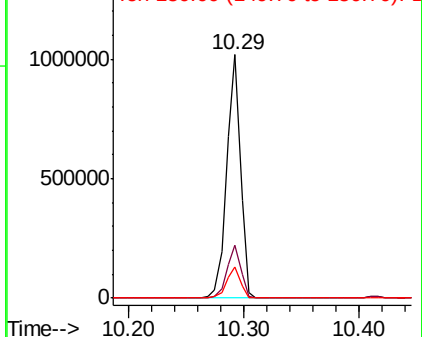


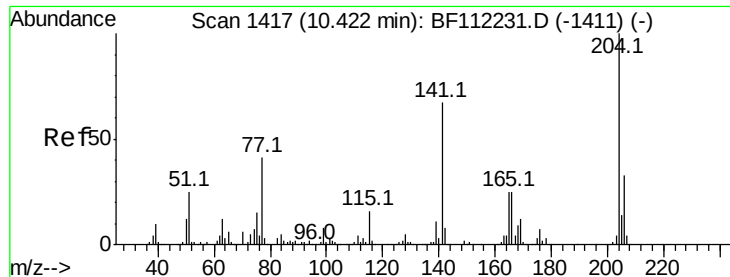
Abundance

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

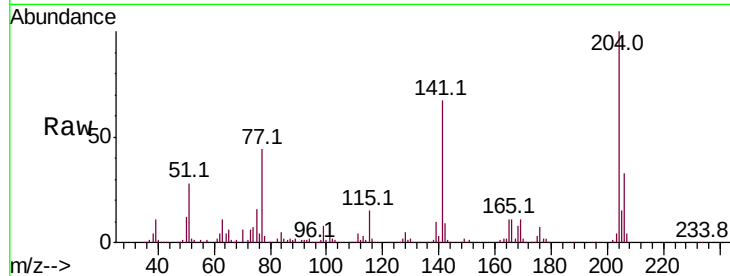




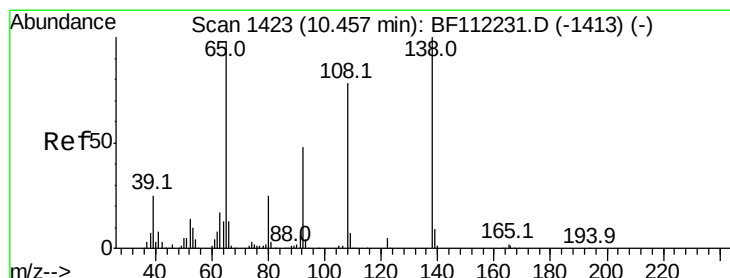
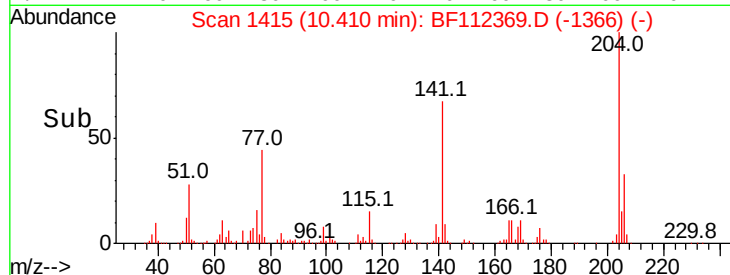
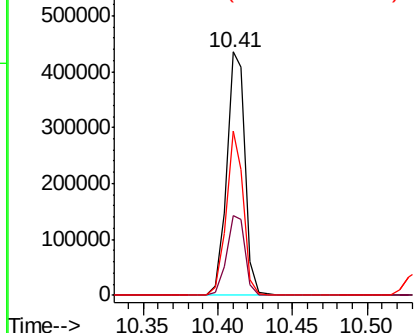
#61
4-Chlorophenyl-phenylether
Concen: 46.315 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:204 Resp: 381964
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 67.2 45.9 68.9

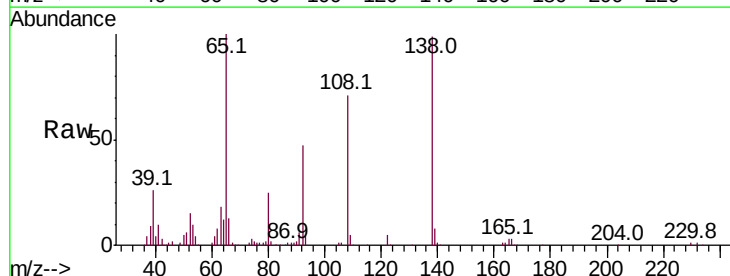


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

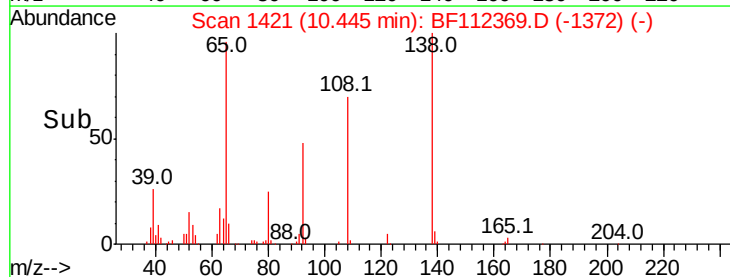
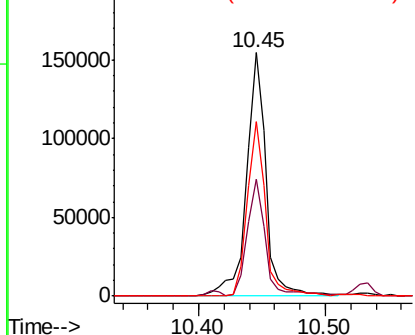


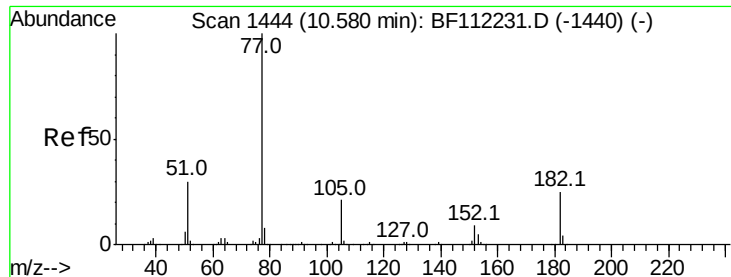
#62
4-Nitroaniline
Concen: 39.853 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:138 Resp: 164586
Ion Ratio Lower Upper
138 100
92 47.9 30.6 70.6
108 71.9 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

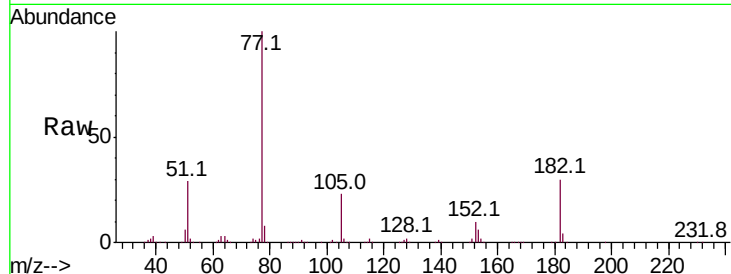




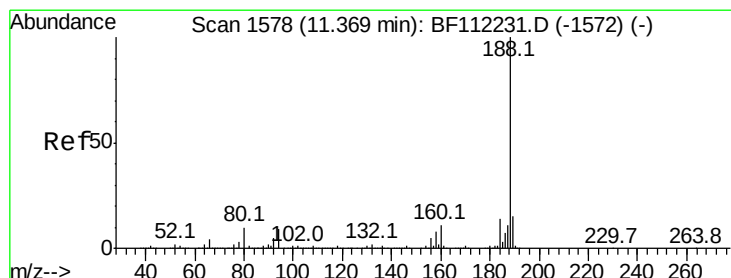
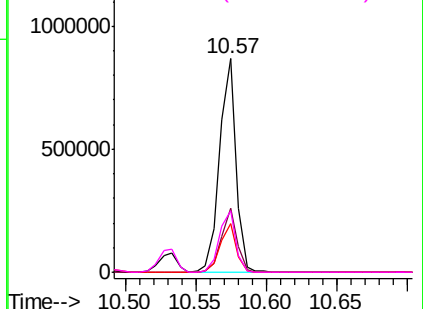
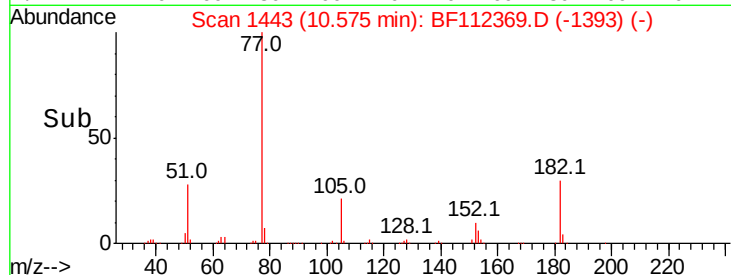
#63
Azobenzene
Concen: 46.311 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:	77	Resp:	701398
Ion	Ratio	Lower	Upper
77	100		
182	29.8	5.7	45.7
105	22.7	1.4	41.4
51	28.6	9.5	49.5

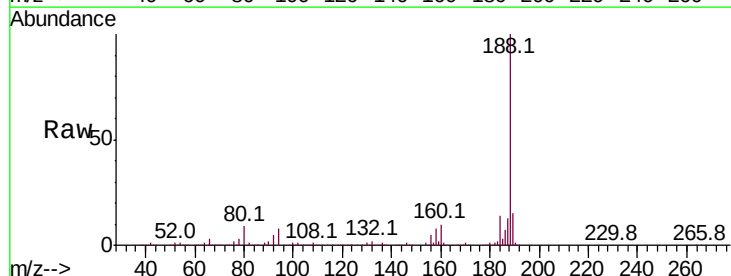


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

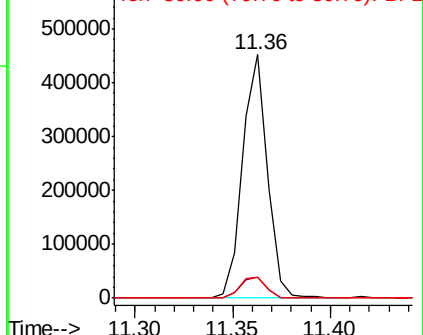
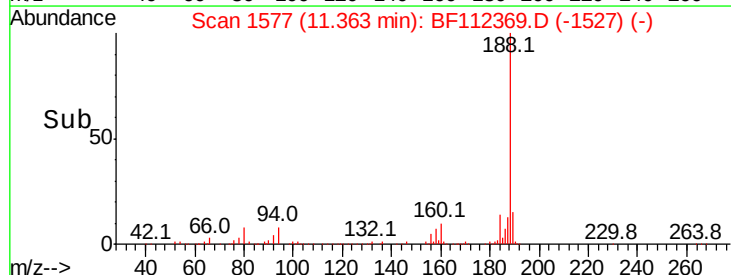


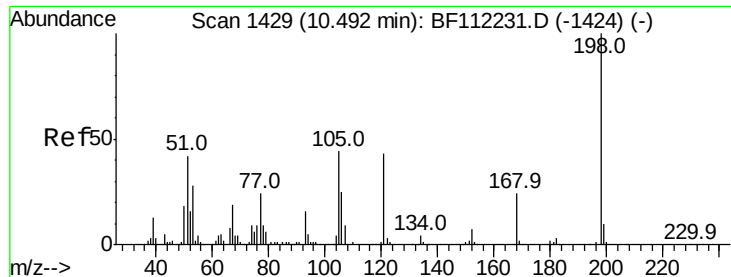
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:	188	Resp:	398149
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.6	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

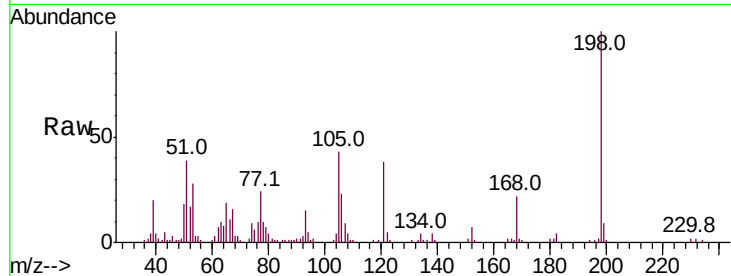




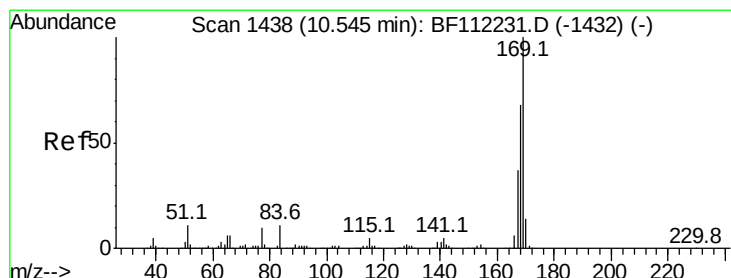
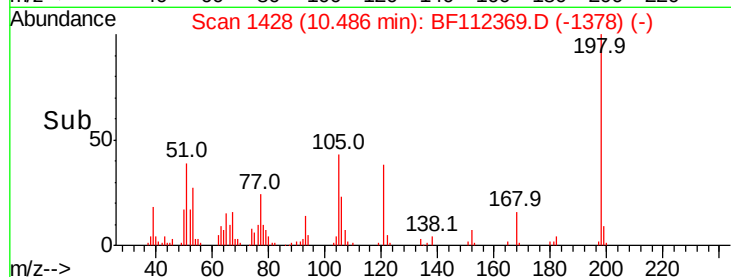
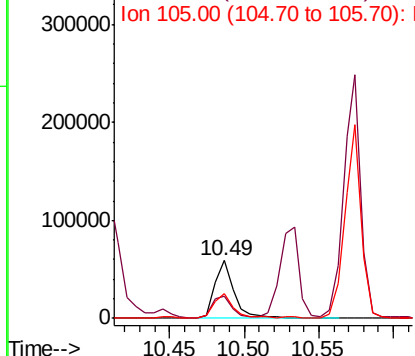
#65
4,6-Dinitro-2-methylphenol
Concen: 24.367 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:198 Resp: 54394
Ion Ratio Lower Upper
198 100
51 38.7 17.2 57.2
105 42.6 21.9 61.9

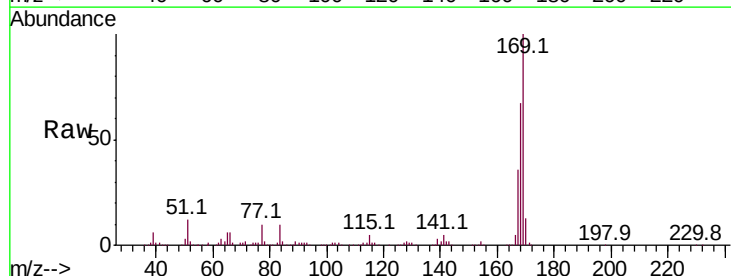


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

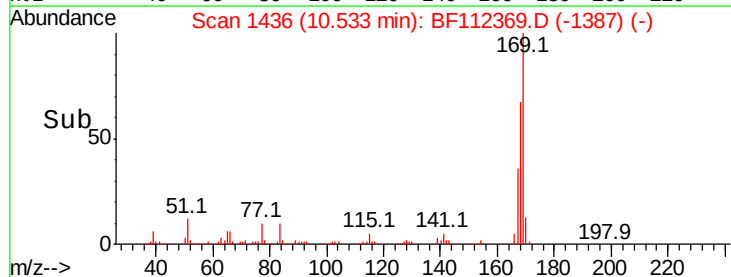
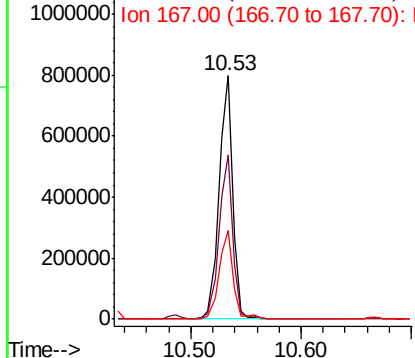


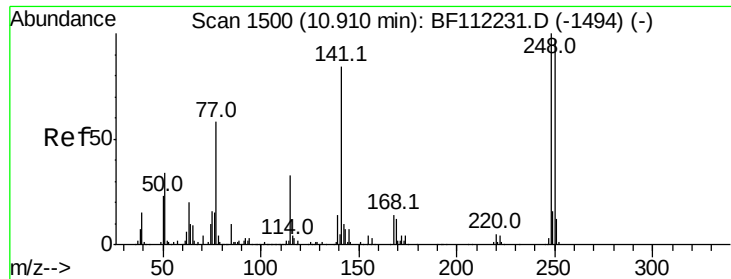
#66
n-Nitrosodiphenylamine
Concen: 50.910 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:169 Resp: 683145
Ion Ratio Lower Upper
169 100
168 67.3 53.9 80.9
167 36.4 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

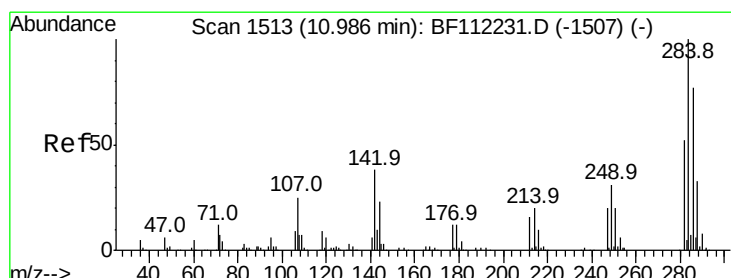
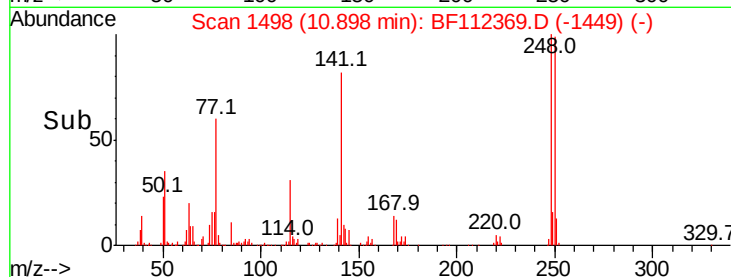
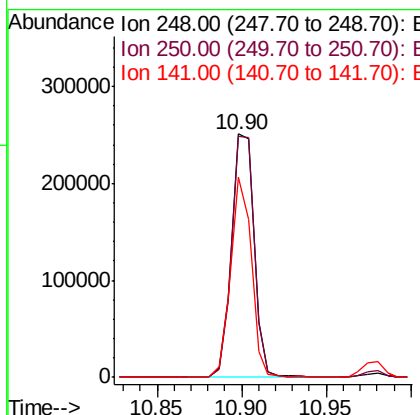
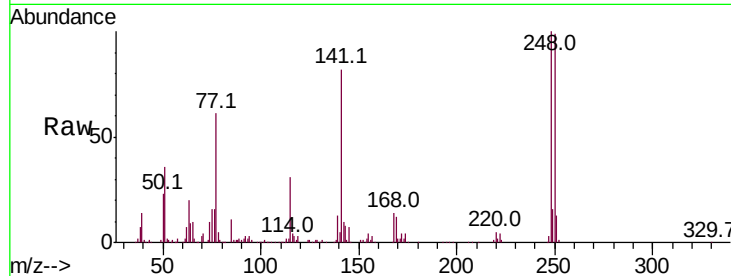




#67
4-Bromophenyl-phenylether
Concen: 49.484 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

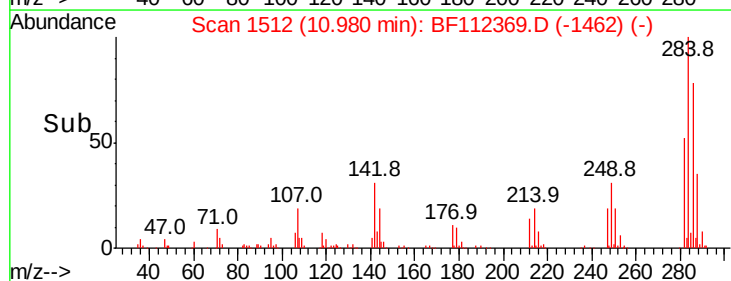
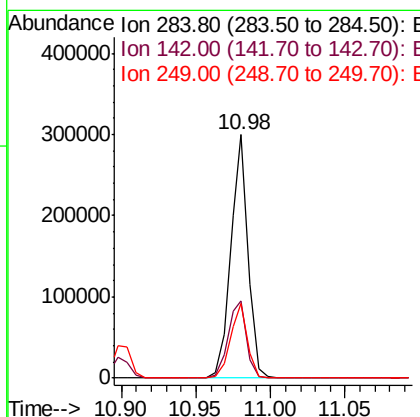
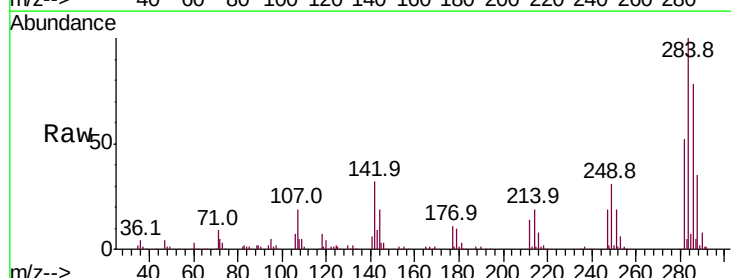
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

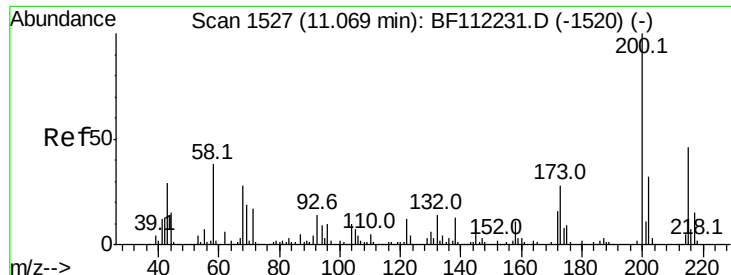
Tot Ion:248 Resp: 231723
Ion Ratio Lower Upper
248 100
250 98.8 79.7 119.5
141 82.2 60.3 90.5



#68
Hexachlorobenzene
Concen: 48.669 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:284 Resp: 244519
Ion Ratio Lower Upper
284 100
142 31.6 27.6 41.4
249 30.6 24.1 36.1

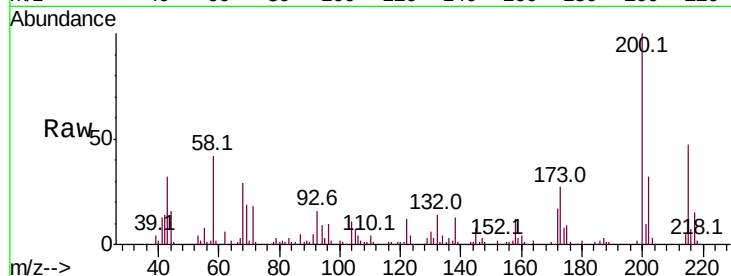




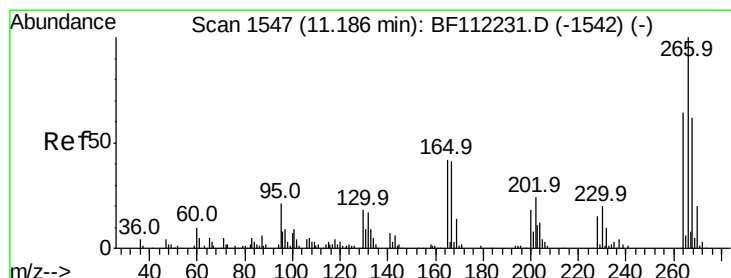
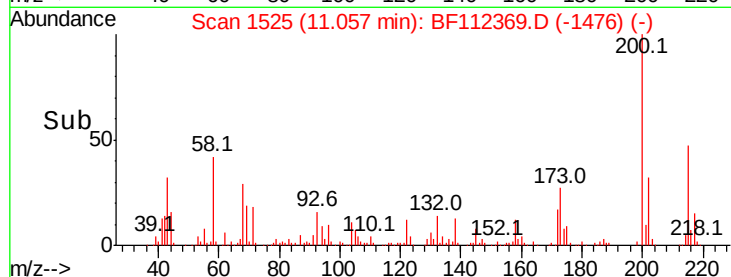
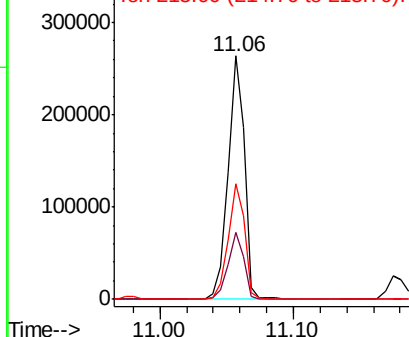
#69
Atrazine
Concen: 52.958 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.1	47.1
215	47.3	30.4	70.4

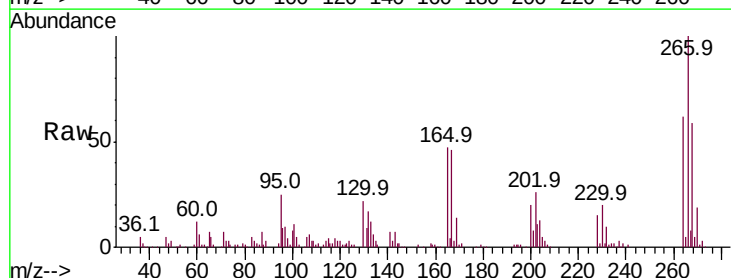


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

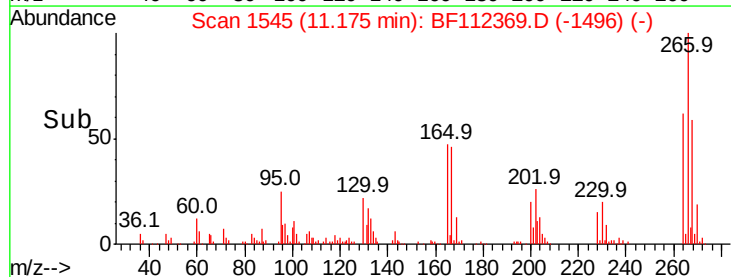
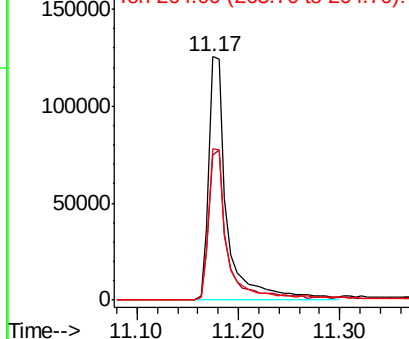


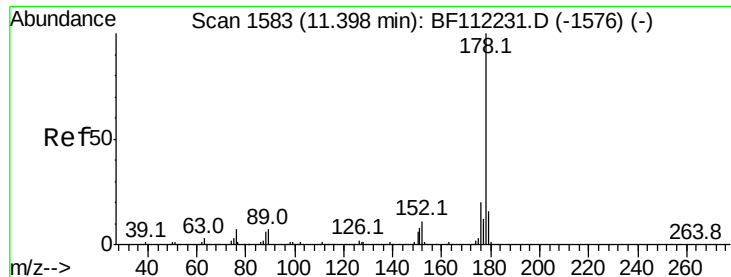
#70
Pentachlorophenol
Concen: 82.176 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.5	51.2	76.8
264	62.4	50.9	76.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

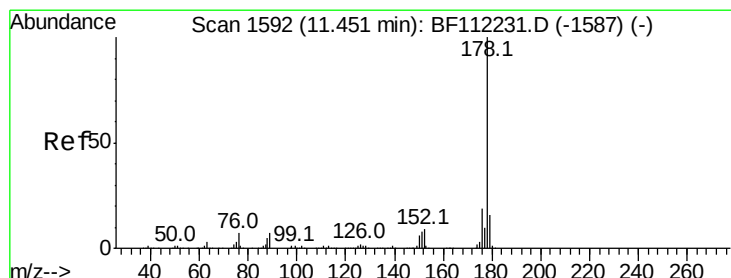
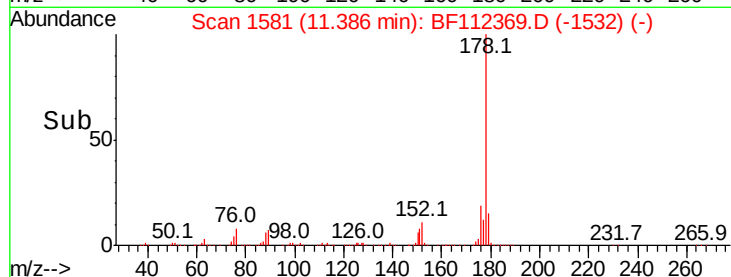
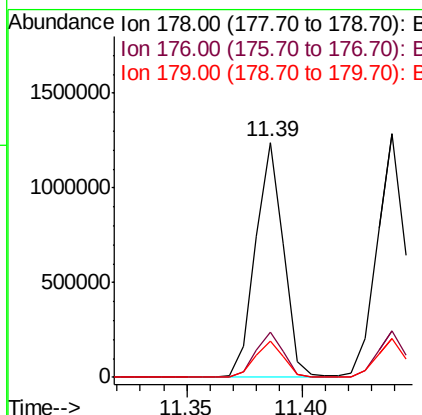
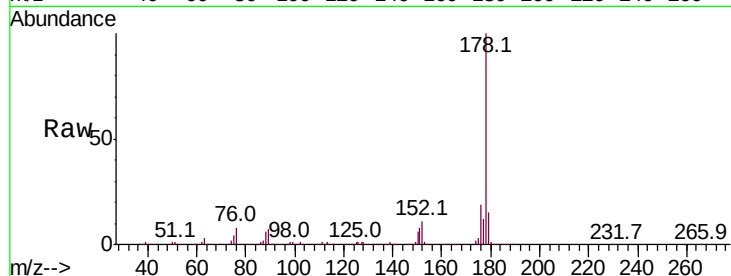




#71
Phenanthrene
Concen: 50.816 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

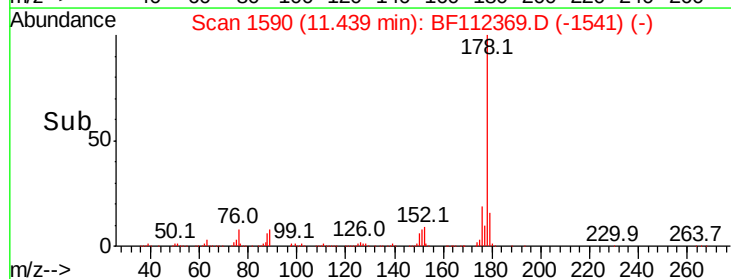
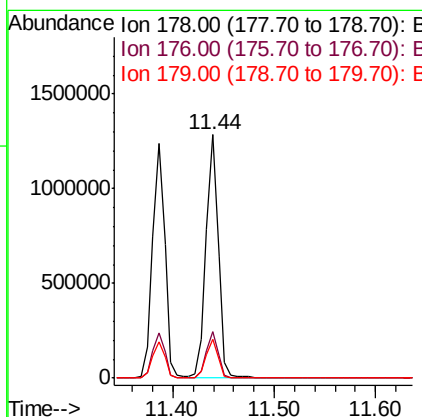
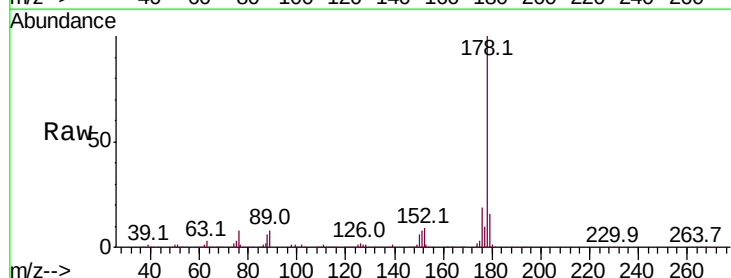
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

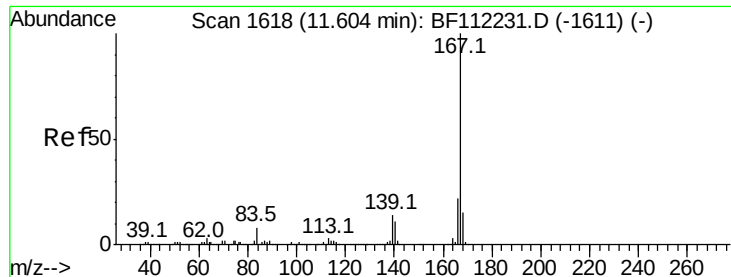
Tot Ion:178 Resp: 1051850
Ion Ratio Lower Upper
178 100
176 19.2 16.3 24.5
179 15.4 13.0 19.4



#72
Anthracene
Concen: 52.797 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:178 Resp: 1088630
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.8 12.8 19.2





#73

Carbazole

Concen: 45.800 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

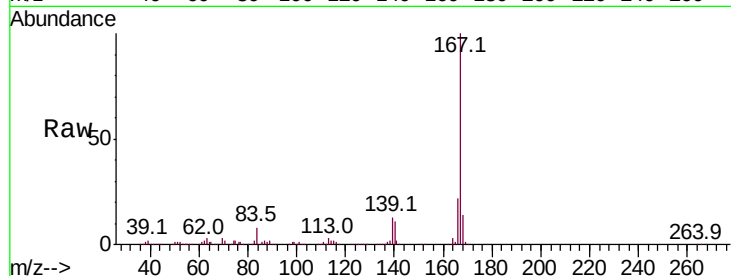
Tot Ion:167 Resp: 931519

Ion Ratio Lower Upper

167 100

166 22.0 17.9 26.9

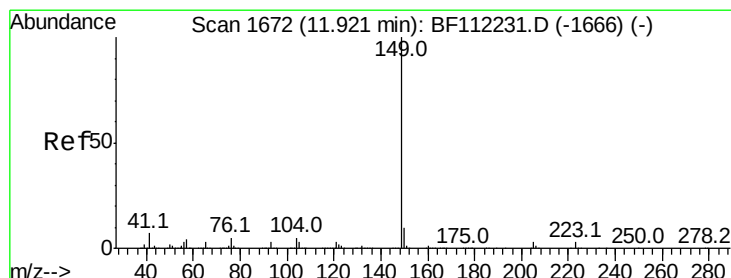
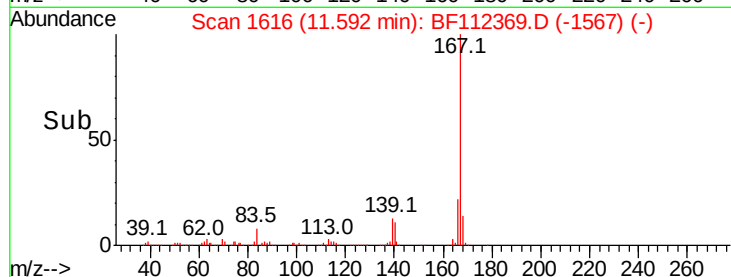
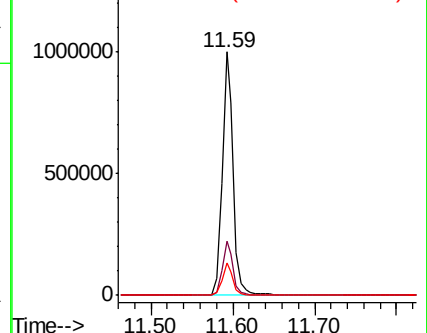
139 13.5 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 51.386 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

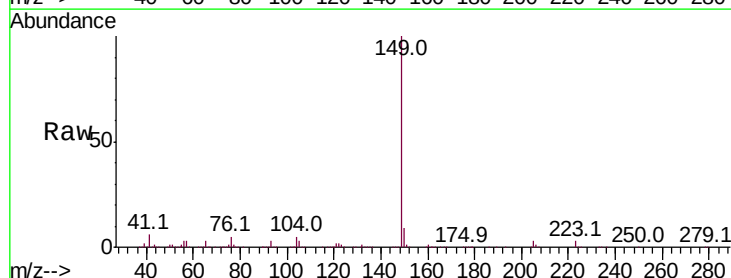
Tgt Ion:149 Resp: 1297273

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

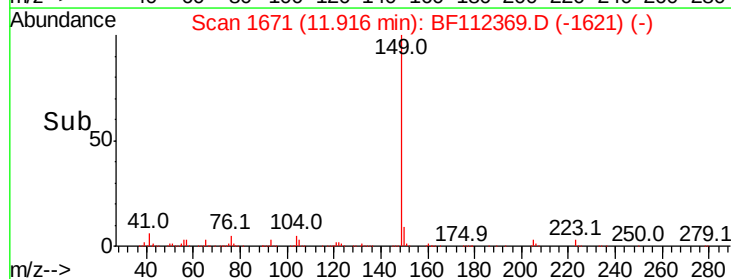
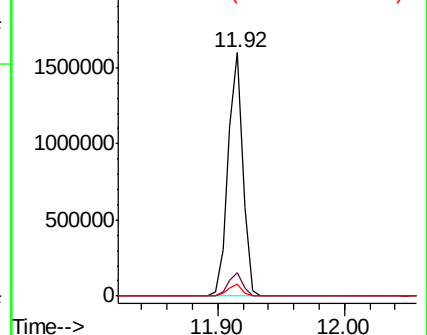
104 4.7 3.9 5.9

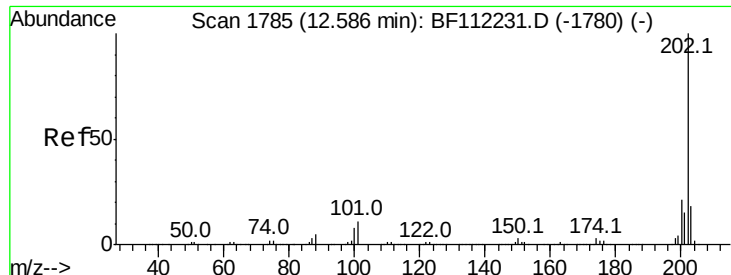


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

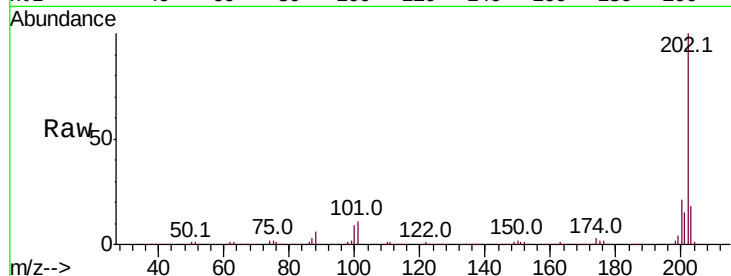




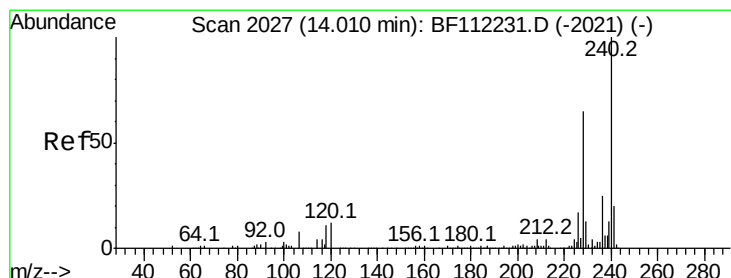
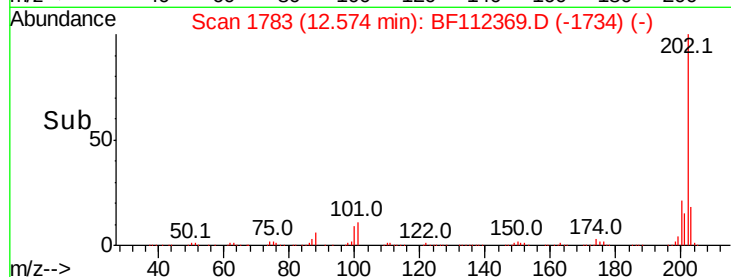
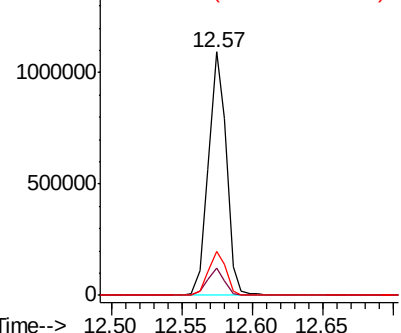
#75
 Fluoranthene
 Concen: 43.722 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion:202 Resp: 970682
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.8
 203 18.0 0.0 38.4

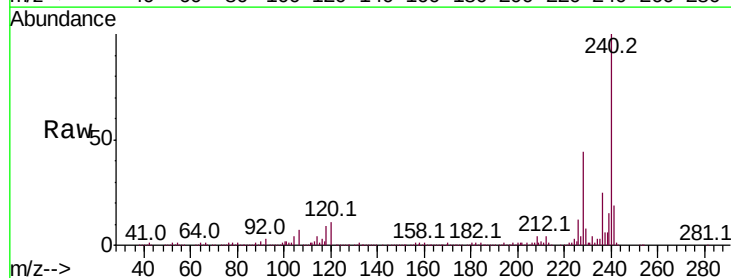


Abundance Ion 202.00 (201.70 to 202.70): E
 1500000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

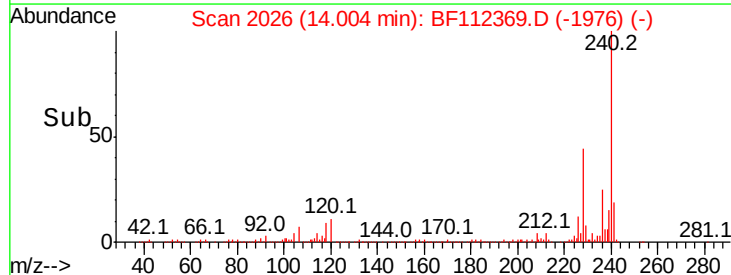
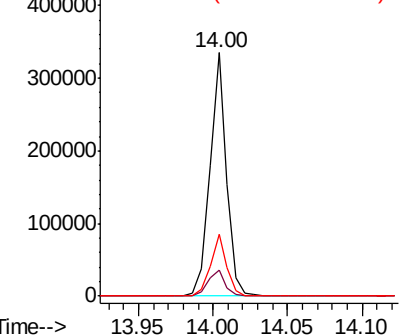


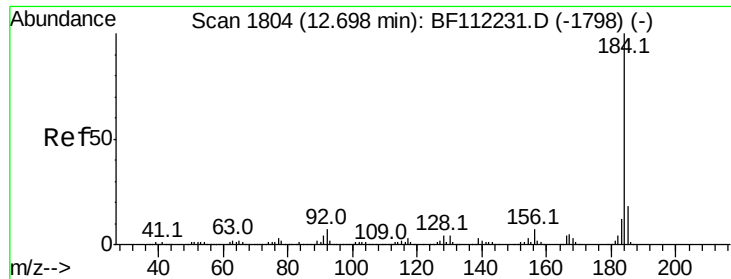
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Tgt Ion:240 Resp: 263982
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.0 13.6
 236 25.4 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: 59.346 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

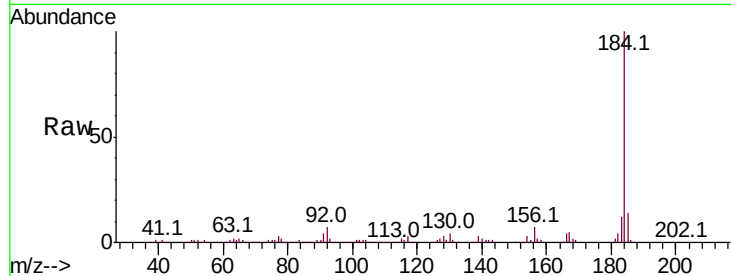
Tot Ion:184 Resp: 431193

Ion Ratio Lower Upper

184 100

185 14.2 13.9 20.9

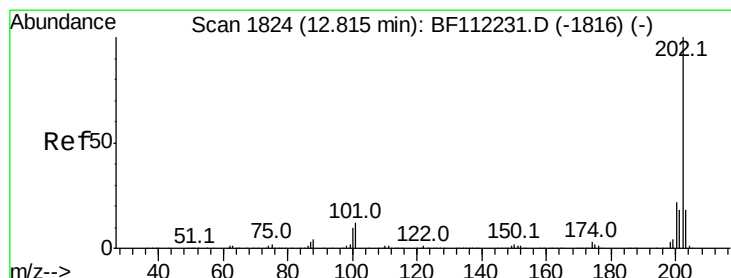
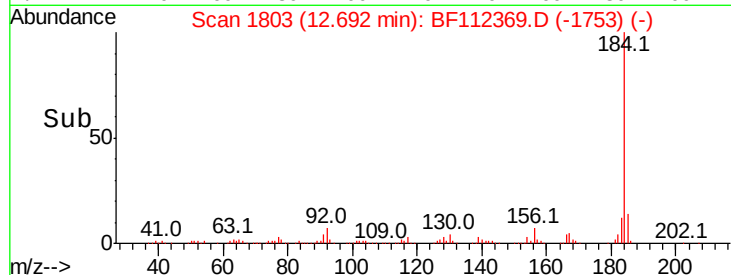
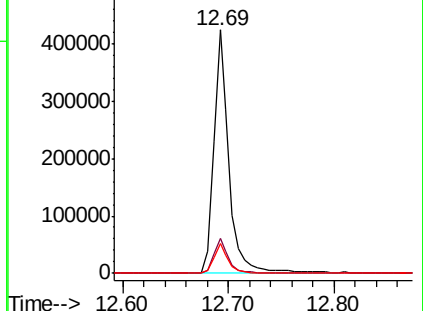
183 12.0 10.0 15.0



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: 51.522 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

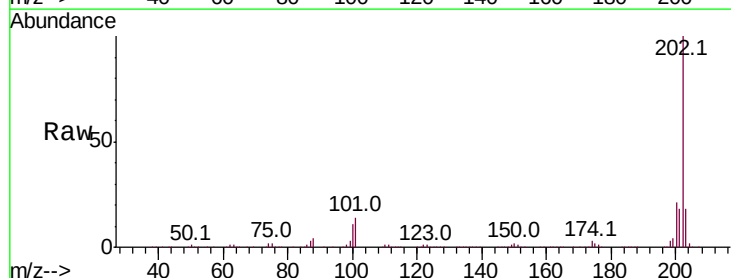
Tgt Ion:202 Resp: 941651

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

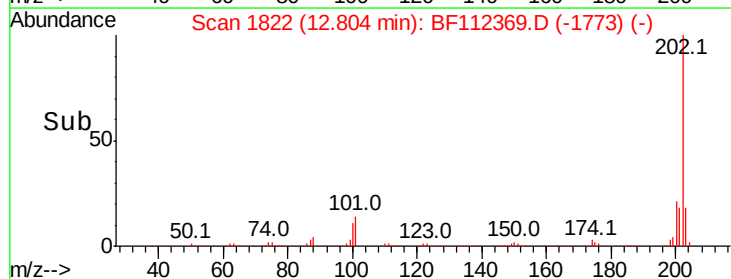
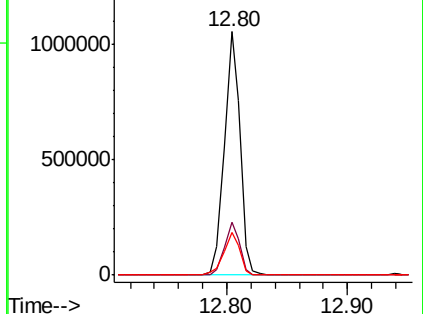
203 17.5 14.6 22.0

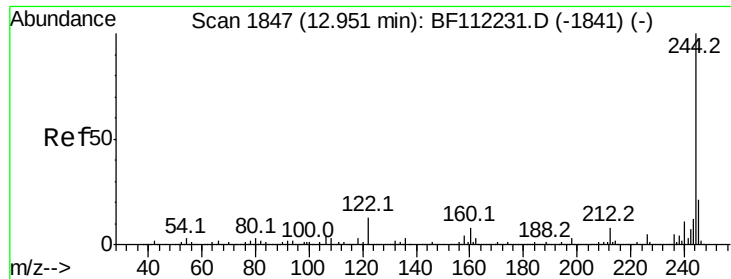


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

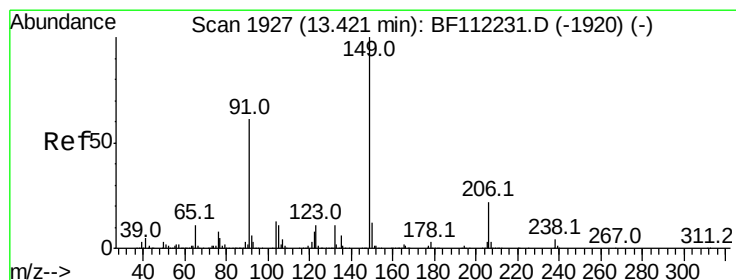
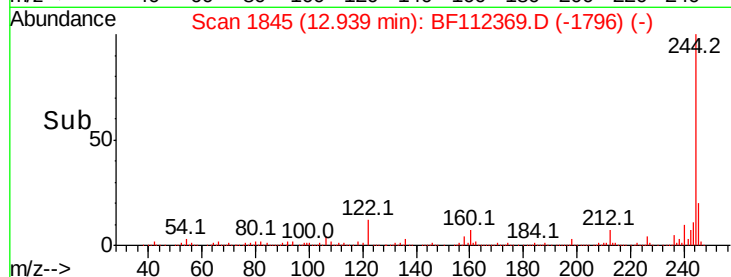
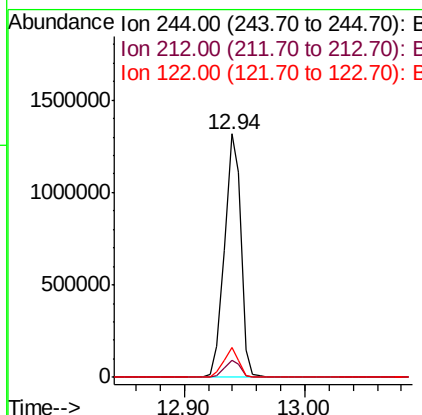
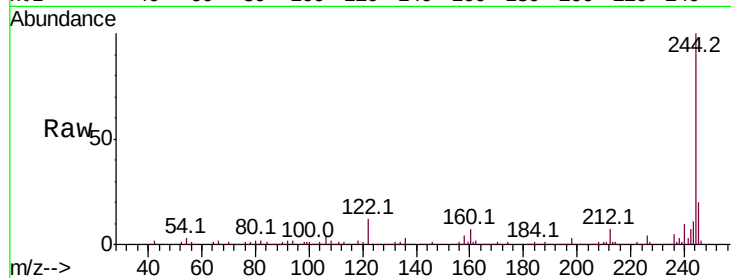




#79
 Terphenyl-d14
 Concen: 87.676 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

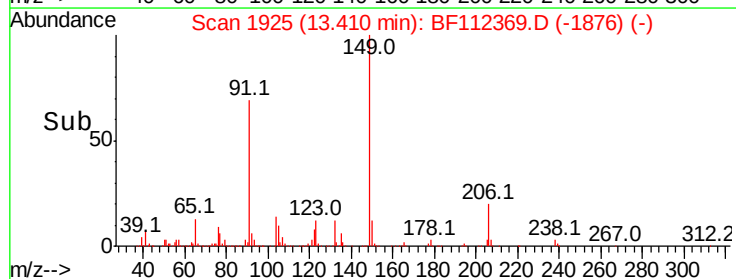
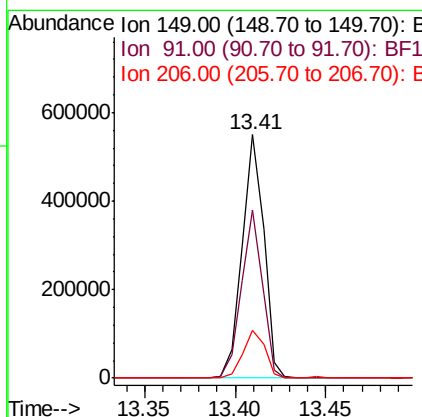
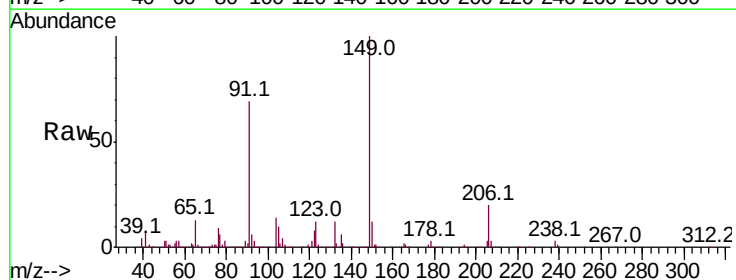
Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

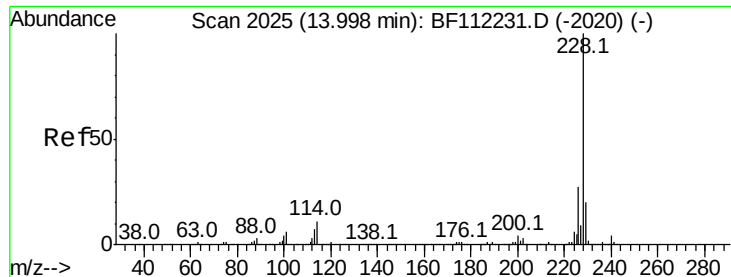
Tot Ion:244 Resp: 1228863
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 12.1 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 51.850 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112369.D
 Acq: 1 Feb 2019 23:23

Tgt Ion:149 Resp: 458487
 Ion Ratio Lower Upper
 149 100
 91 69.1 50.3 75.5
 206 19.8 18.2 27.4





#81

Benzo(a)anthracene

Concen: 51.697 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

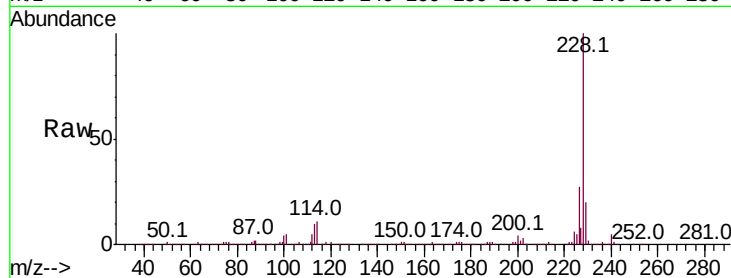
Tot Ion:228 Resp: 802246

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

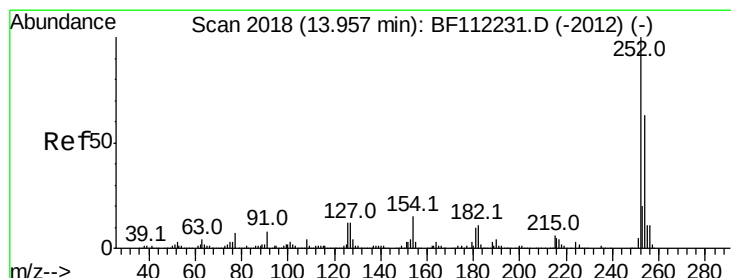
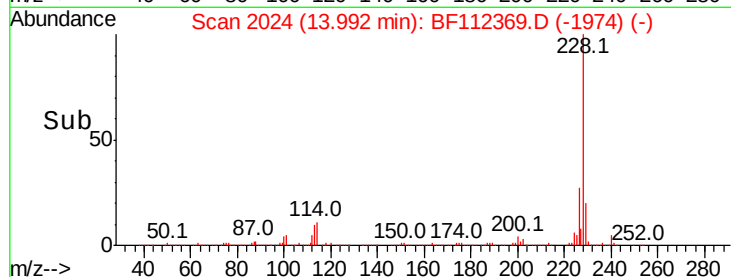
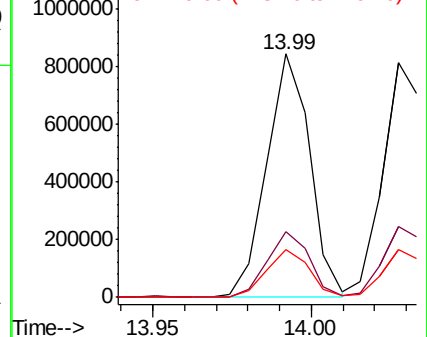
229 19.8 16.5 24.7



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: 40.829 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

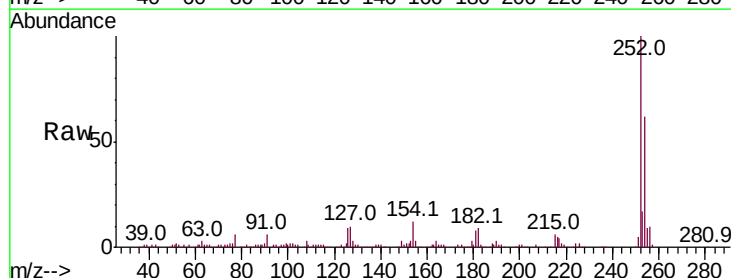
Tgt Ion:252 Resp: 237119

Ion Ratio Lower Upper

252 100

254 62.0 51.6 77.4

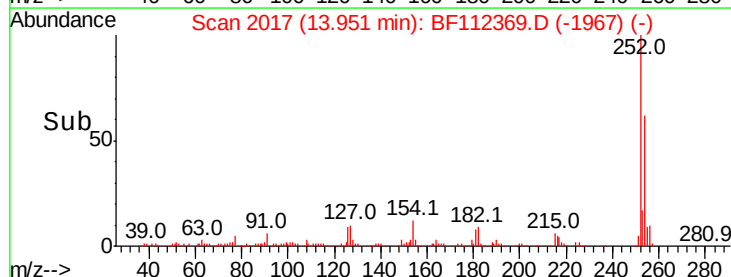
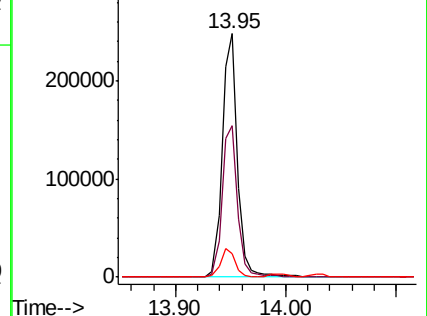
126 9.5 8.6 12.8

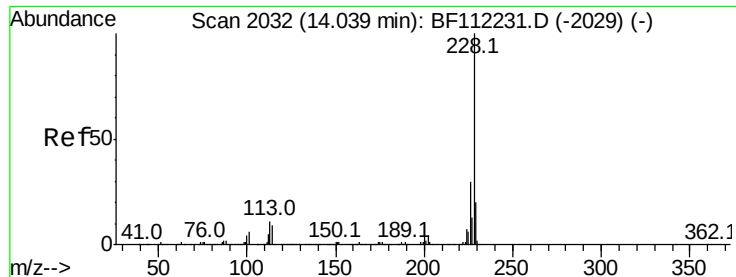


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.778 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

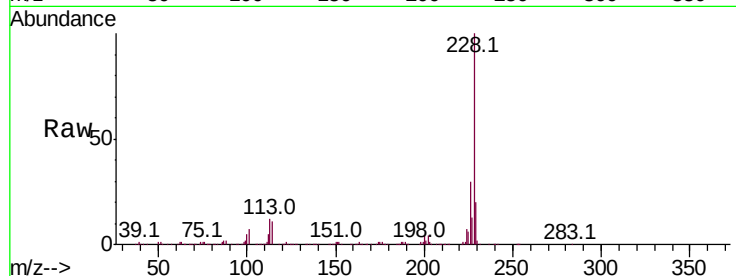
Tot Ion:228 Resp: 752169

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

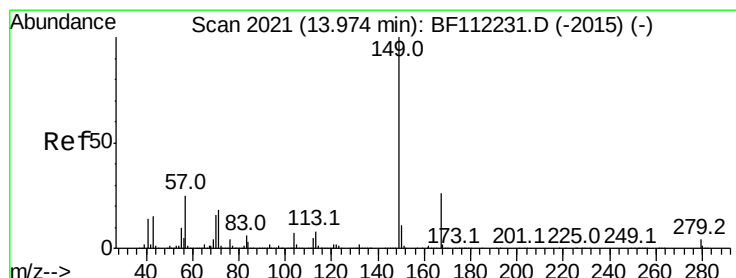
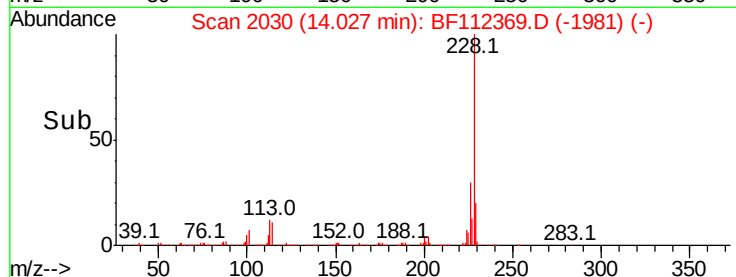
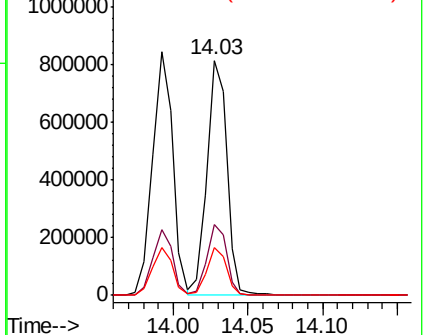
229 20.3 16.6 24.8



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: 50.783 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

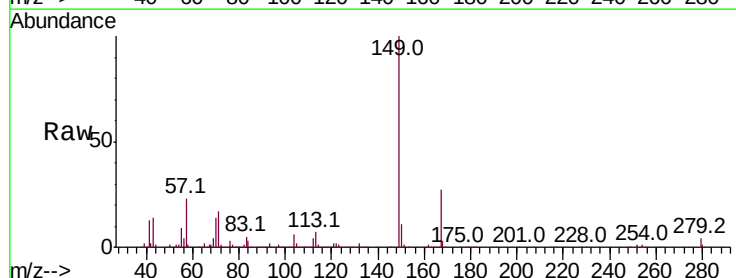
Tgt Ion:149 Resp: 637421

Ion Ratio Lower Upper

149 100

167 27.1 22.5 33.7

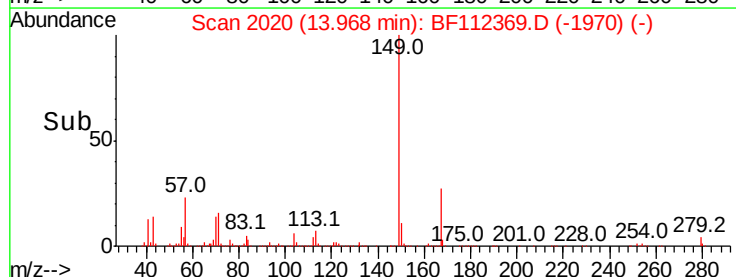
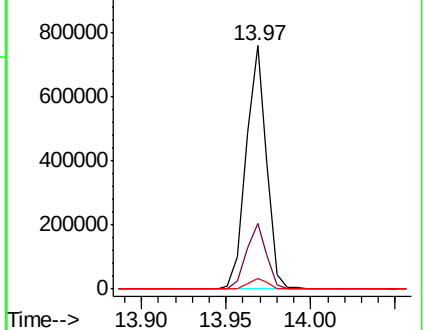
279 4.3 3.8 5.6

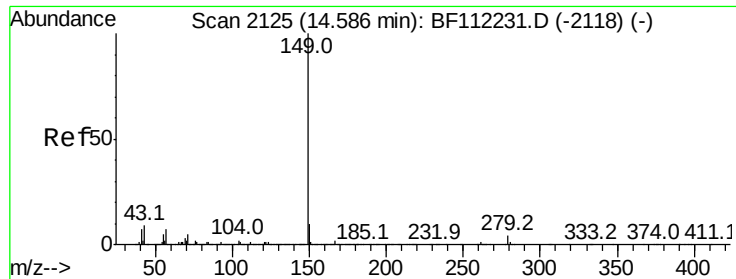


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.278 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

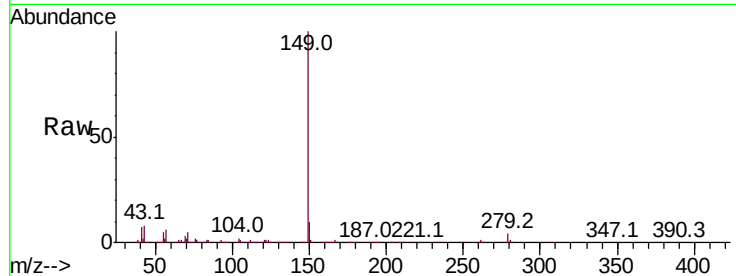
Tot Ion:149 Resp: 970947

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

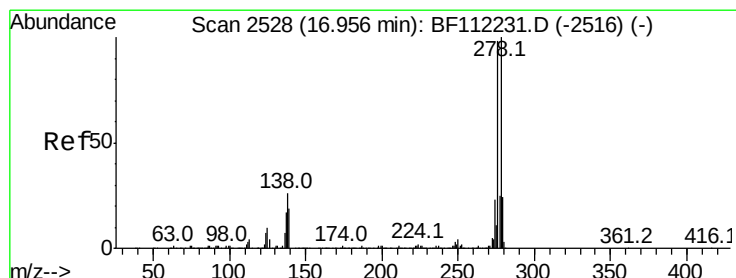
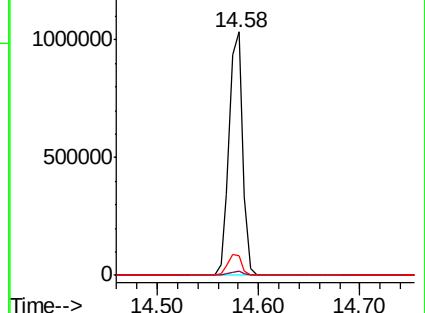
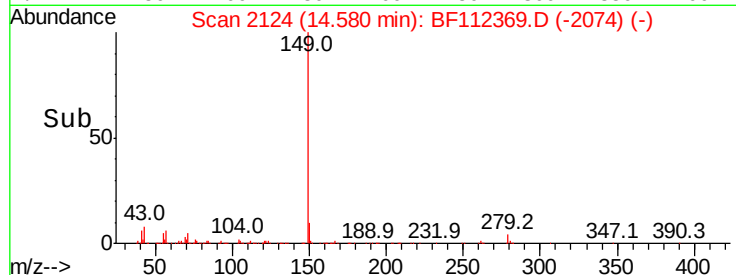
43 8.7 7.8 11.6



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: 62.675 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BF112369.D

Acq: 1 Feb 2019 23:23

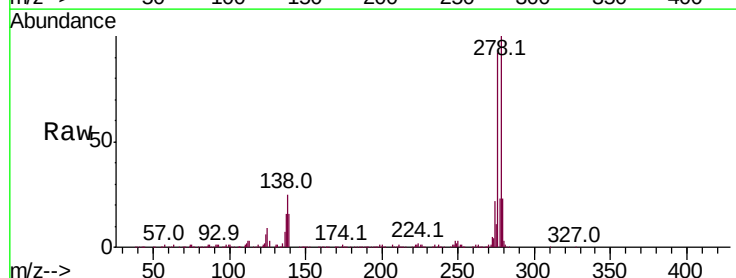
Tgt Ion:276 Resp: 735649

Ion Ratio Lower Upper

276 100

138 26.1 22.6 34.0

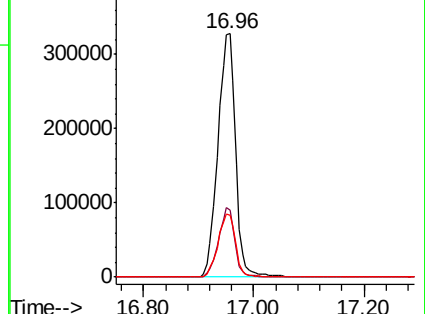
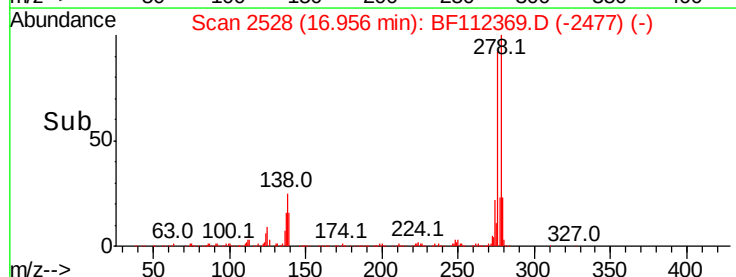
277 25.6 20.3 30.5

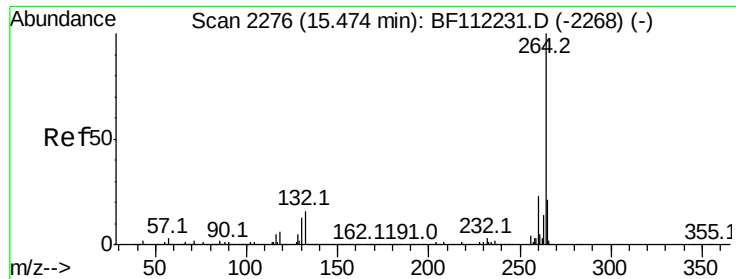


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

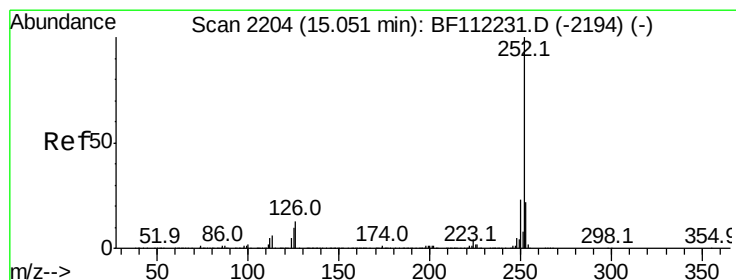
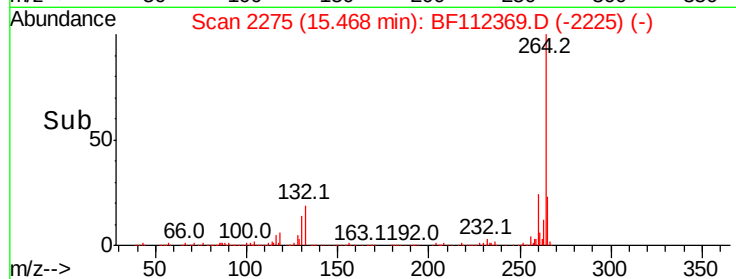
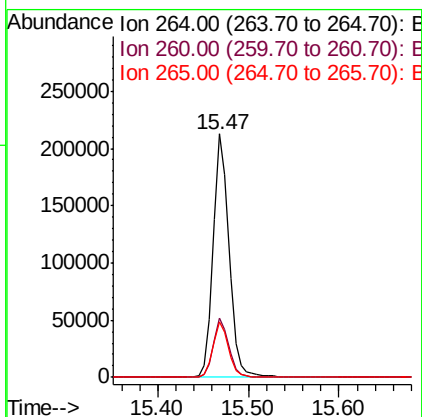
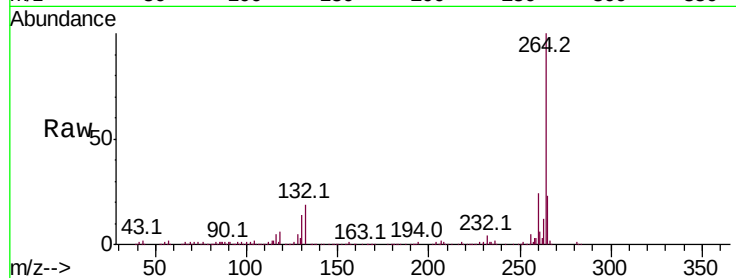




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

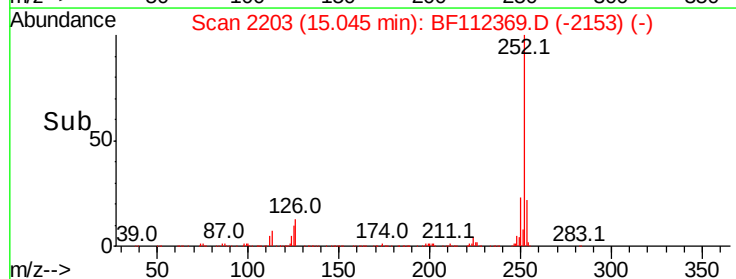
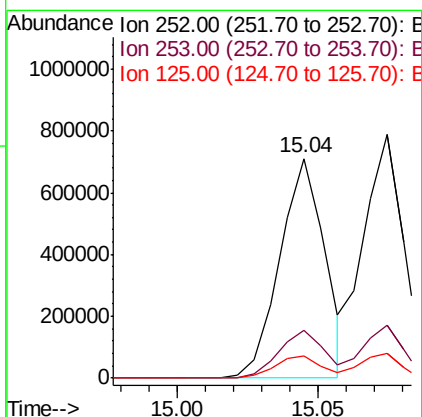
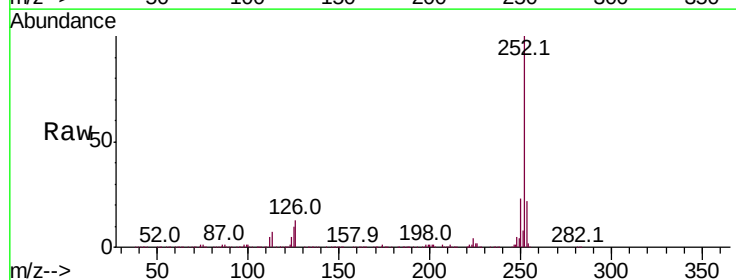
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

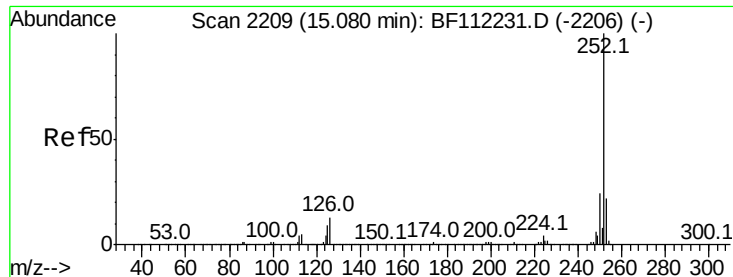
Tot Ion:264 Resp: 259821
Ion Ratio Lower Upper
264 100
260 24.3 18.2 27.2
265 22.7 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 50.546 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:252 Resp: 785416
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 10.1 8.7 13.1

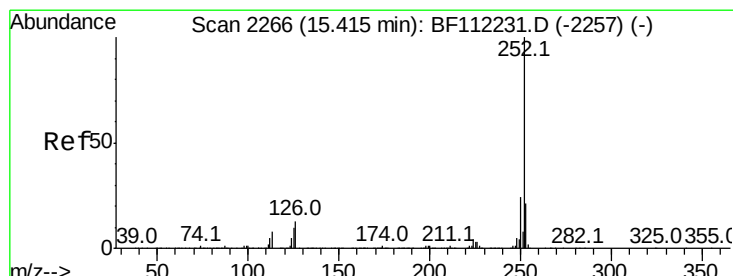
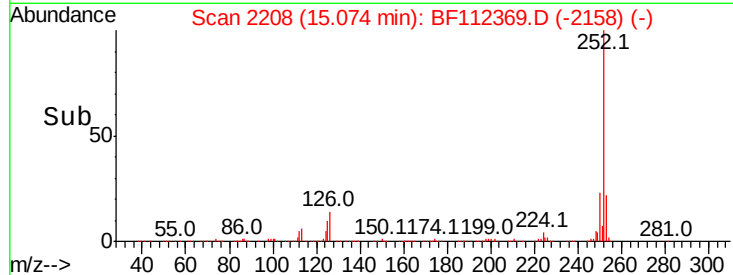
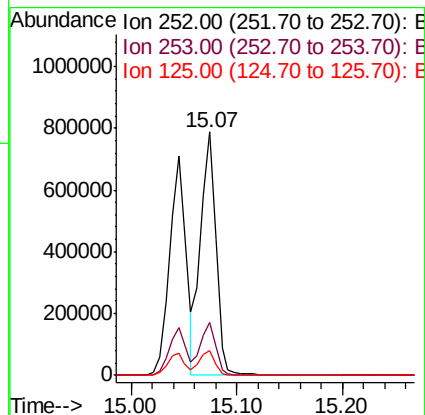
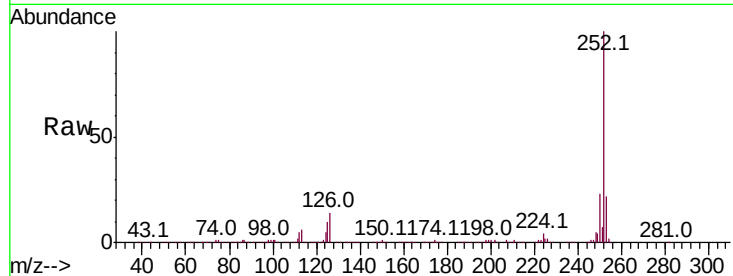




#89
Benzo(k)fluoranthene
Concen: 52.867 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

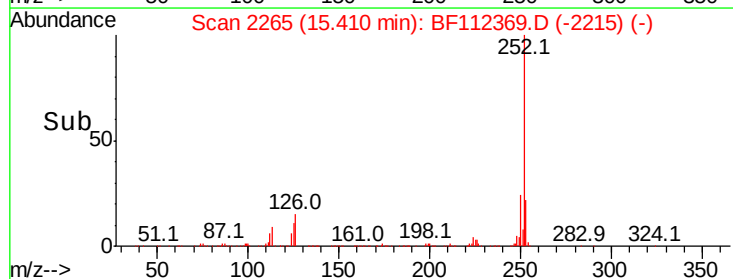
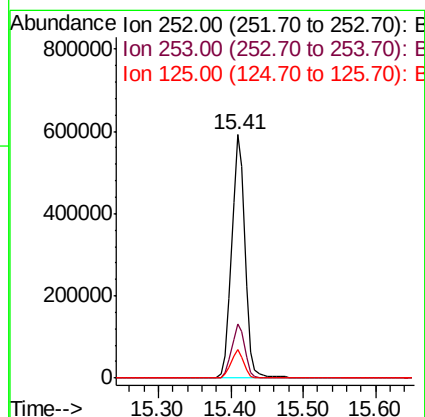
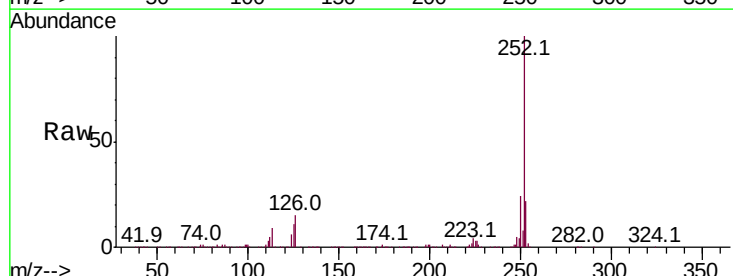
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

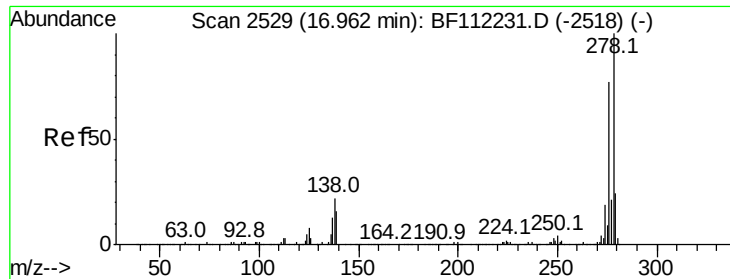
Tot Ion:252 Resp: 786852
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 10.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 54.113 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:252 Resp: 756574
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.5 9.0 13.4

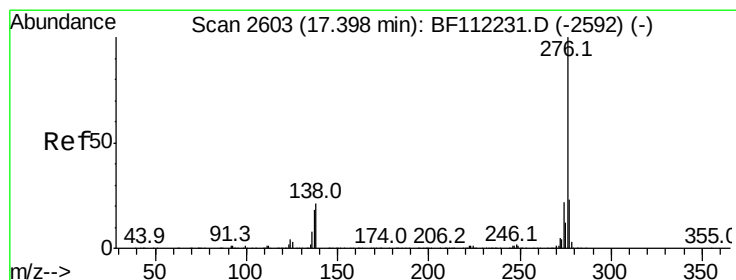
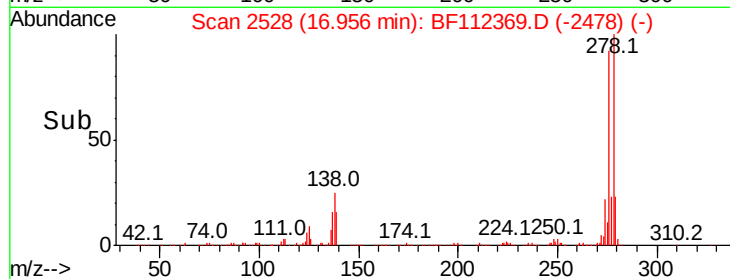
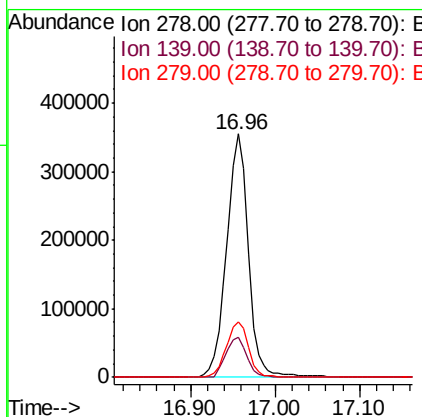
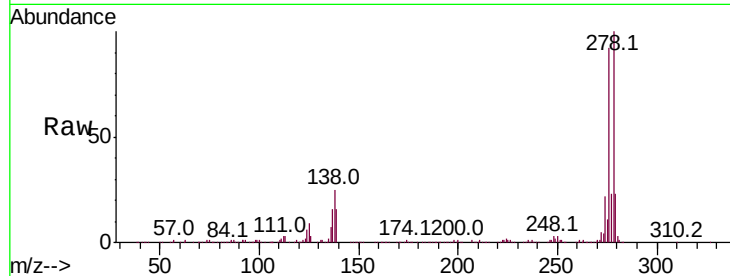




#91
Dibenzo(a,h)anthracene
Concen: 55.920 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:278 Resp: 630123
Ion Ratio Lower Upper
278 100
139 16.4 13.7 20.5
279 23.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 53.781 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BF112369.D
Acq: 1 Feb 2019 23:23

Tgt Ion:276 Resp: 571747
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 21.3 19.1 28.7

