

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112645.D
 Acq On : 21 Feb 2019 11:49
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 12:57:27 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	6.82	152	121399	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	472037	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	249368	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	479661	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	370818	20.00	ng	0.00
87) Perylene-d12	15.47	264	298556	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	541015	94.66	ng	-0.02
7) Phenol-d6	6.48	99	672917	84.73	ng	-0.01
23) Nitrobenzene-d5	7.39	82	672962	82.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	243593	83.92	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1399424	79.37	ng	-0.02
79) Terphenyl-d14	12.93	244	1621009	82.33	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	103005	45.241	ng	93
3) Pyridine	3.32	79	263479	45.494	ng	98
4) n-Nitrosodimethylamine	3.29	42	115568	47.496	ng	# 88
6) Aniline	6.49	93	399363	42.272	ng	# 69
8) 2-Chlorophenol	6.62	128	316934	41.221	ng	99
9) Benzaldehyde	6.38	77	158050	38.075	ng	96
10) Phenol	6.49	94	364205	41.800	ng	86
11) bis(2-Chloroethyl)ether	6.56	93	277013	40.383	ng	99
12) 1,3-Dichlorobenzene	6.76	146	351416	39.246	ng	97
13) 1,4-Dichlorobenzene	6.84	146	359377	38.997	ng	98
14) 1,2-Dichlorobenzene	7.00	146	335988	38.941	ng	97
15) Benzyl Alcohol	6.98	79	273216	40.810	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	342154	38.848	ng	# 35
17) 2-Methylphenol	7.10	107	239865	39.354	ng	# 83
18) Hexachloroethane	7.33	117	133694	41.314	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	238140	43.486	ng	97
20) 3+4-Methylphenols	7.25	107	330316	42.381	ng	# 67
22) Acetophenone	7.24	105	473978	41.236	ng	# 95
24) Nitrobenzene	7.42	77	329752	40.304	ng	97
25) Isophorone	7.65	82	544630	42.377	ng	98
26) 2-Nitrophenol	7.73	139	183296	41.921	ng	# 91
27) 2,4-Dimethylphenol	7.77	122	245381	40.733	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	362019	41.369	ng	98
29) 2,4-Dichlorophenol	7.98	162	275028	40.796	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	304888	39.345	ng	98
31) Naphthalene	8.13	128	877957	39.772	ng	99
32) Benzoic acid	7.94	122	160514	46.711	ng	95
33) 4-Chloroaniline	8.19	127	390601	40.638	ng	99
34) Hexachlorobutadiene	8.24	225	183348	40.320	ng	100
35) Caprolactam	8.57	113	96906	40.747	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	304646	42.688	ng	98
37) 2-Methylnaphthalene	8.82	142	617230	40.844	ng	97
38) 1-Methylnaphthalene	8.92	142	595725	41.129	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	311057	37.991	ng	98

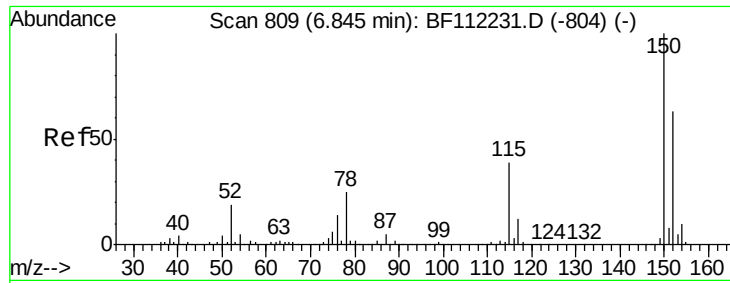
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
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 Operator : JU/SJ
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 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	110308	40.829	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	193326	38.306	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	194749	36.921	ng	# 93
46) 1,1'-Biphenyl	9.29	154	861405	39.513	ng	98
47) 2-Chloronaphthalene	9.31	162	650677	38.489	ng	93
48) 2-Nitroaniline	9.42	65	191059	41.464	ng	89
49) Acenaphthylene	9.73	152	955408	38.558	ng	98
50) Dimethylphthalate	9.59	163	766221	39.548	ng	98
51) 2,6-Dinitrotoluene	9.66	165	173006	39.871	ng	# 64
52) Acenaphthene	9.90	154	588179	39.736	ng	99
53) 3-Nitroaniline	9.83	138	186290	39.628	ng	89
54) 2,4-Dinitrophenol	9.96	184	61260	43.991	ng	87
55) Dibenzofuran	10.07	168	888925	39.298	ng	91
56) 4-Nitrophenol	10.03	139	86156	34.666	ng	91
57) 2,4-Dinitrotoluene	10.07	165	224265	40.598	ng	# 76
58) Fluorene	10.42	166	685967	40.525	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	165609	41.546	ng	95
60) Diethylphthalate	10.28	149	805156	41.876	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	373256	40.537	ng	# 89
62) 4-Nitroaniline	10.46	138	172632	37.439	ng	92
63) Azobenzene	10.56	77	717227	42.415	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	104181	38.739	ng	87
66) n-Nitrosodiphenylamine	10.52	169	662327	40.971	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	224730	39.835	ng	92
68) Hexachlorobenzene	10.97	284	243976	40.309	ng	95
69) Atrazine	11.05	200	169788	32.550	ng	96
70) Pentachlorophenol	11.17	266	100995	42.883	ng	98
71) Phenanthrene	11.38	178	989397	39.676	ng	97
72) Anthracene	11.43	178	1005953	40.497	ng	99
73) Carbazole	11.59	167	982085	40.080	ng	99
74) Di-n-butylphthalate	11.90	149	1271108	41.794	ng	99
75) Fluoranthene	12.57	202	1009499	37.744	ng	99
77) Benzidine	12.69	184	399130	39.107	ng	96
78) Pyrene	12.80	202	1035470	40.333	ng	99
80) Butylbenzylphthalate	13.40	149	516624	41.592	ng	94
81) Benzo(a)anthracene	13.99	228	866406	39.746	ng	98
82) 3,3'-Dichlorobenzidine	13.94	252	326852	40.065	ng	99
83) Chrysene	14.03	228	820976	39.455	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	703769	39.915	ng	# 96
85) Di-n-octyl phthalate	14.56	149	1083408	39.938	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	608774	36.923	ng	96
88) Benzo(b)fluoranthene	15.04	252	688957	38.586	ng	99
89) Benzo(k)fluoranthene	15.07	252	716093	41.871	ng	99
90) Benzo(a)pyrene	15.42	252	640351	39.858	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	512718	39.598	ng	99
92) Benzo(g,h,i)perylene	17.42	276	484095	39.628	ng	94

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

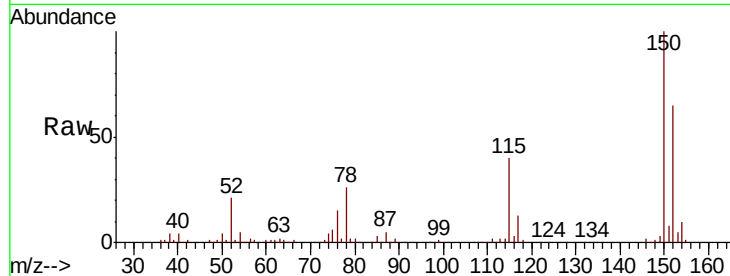


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.4	191.0
115	62.1	45.5	68.3

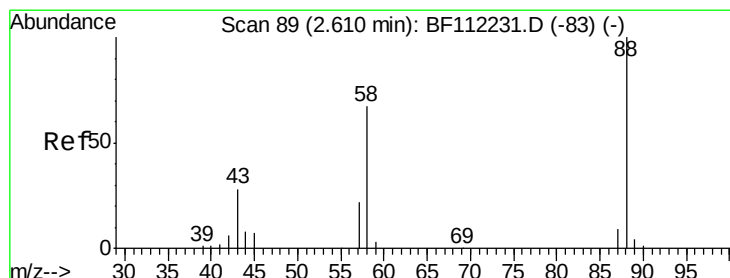
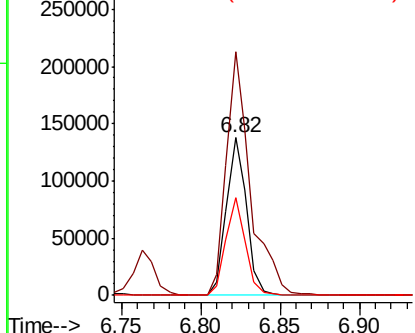
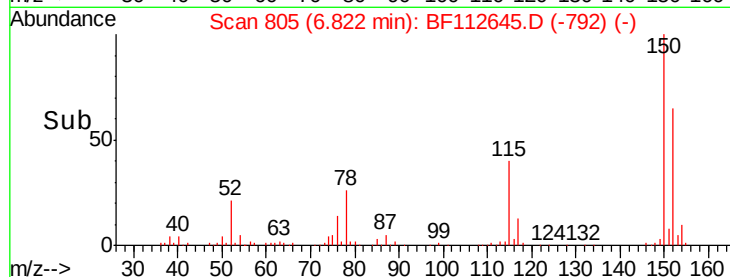


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

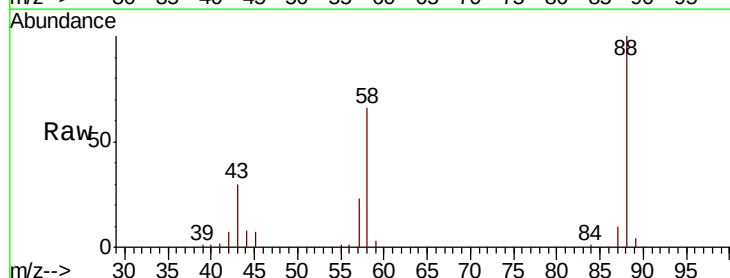
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 45.241 ng
 RT: 2.56 min Scan# 81
 Delta R.T. -0.05 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	57.4	86.2
43	32.0	22.2	33.4

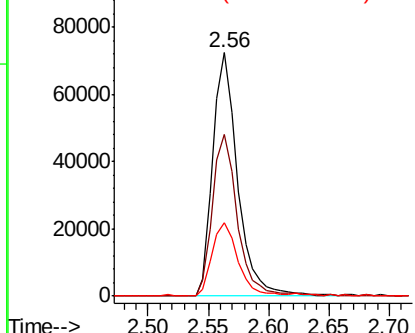
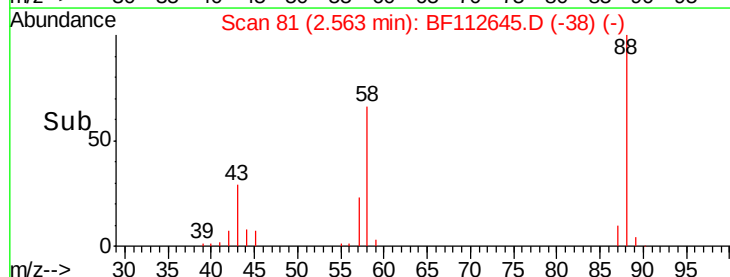


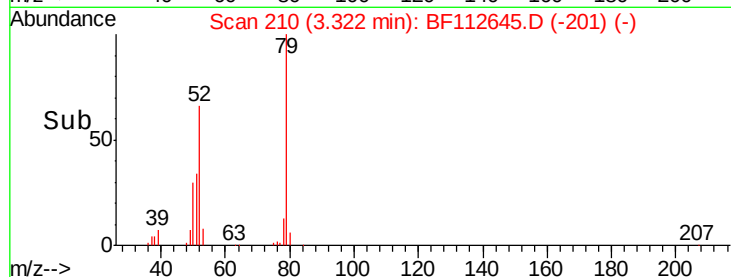
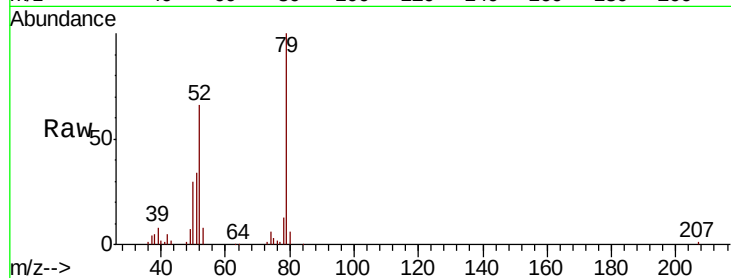
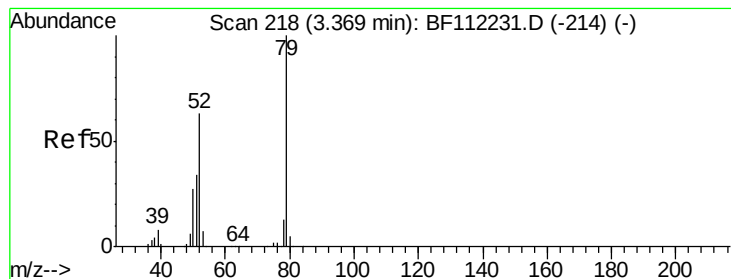
Abundance

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: 45.494 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.05 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampleId :

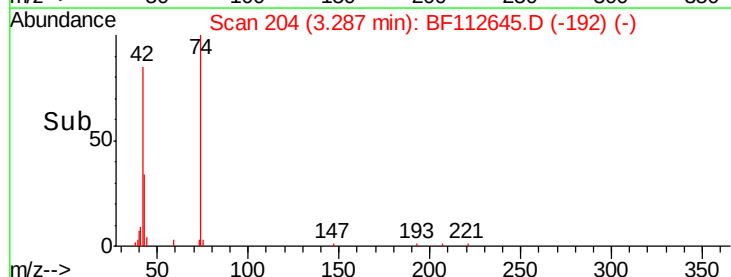
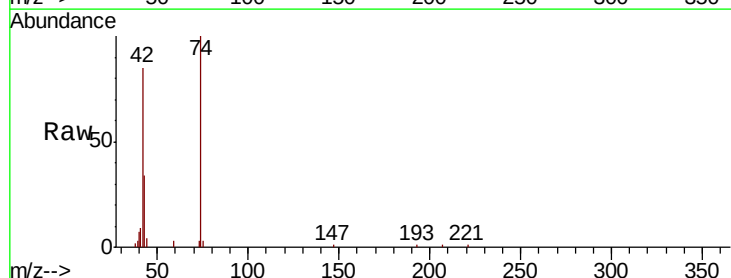
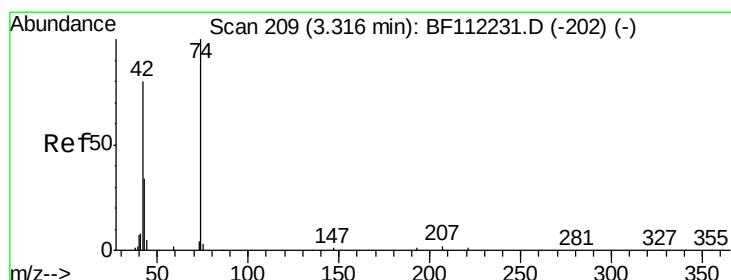
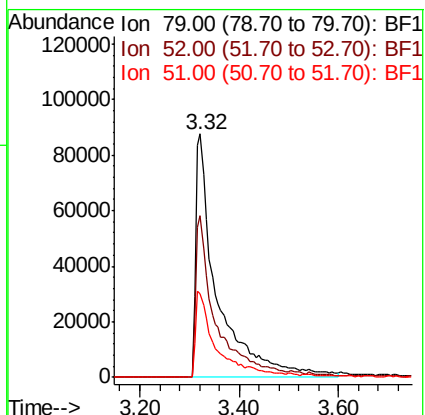
Tot Ion: 79 Resp: 263479

Ion Ratio Lower Upper

79 100

52 66.2 52.4 78.6

51 34.5 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 47.496 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.03 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

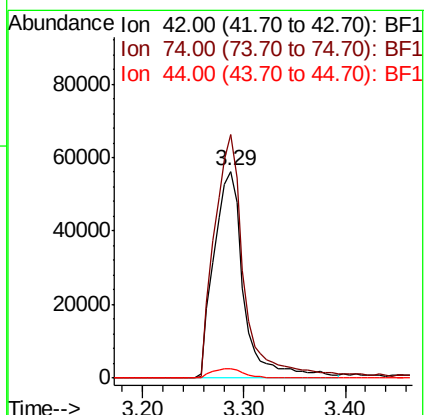
Tgt Ion: 42 Resp: 115568

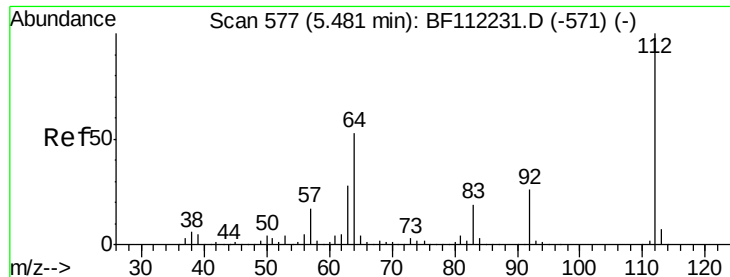
Ion Ratio Lower Upper

42 100

74 117.7 105.6 158.4

44 4.6 5.4 8.2#





#5

2-Fluorophenol

Concen: 94.659 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.02 min

Lab File: BF112645.D

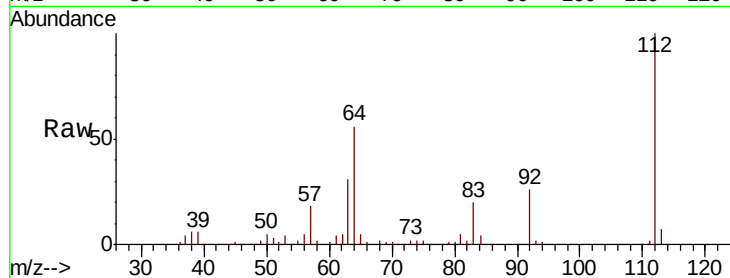
Acq: 21 Feb 2019 11:49

Instrument :

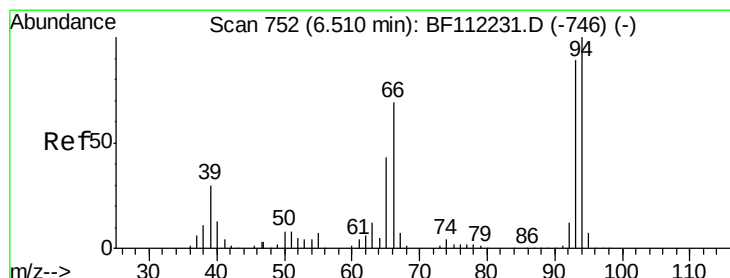
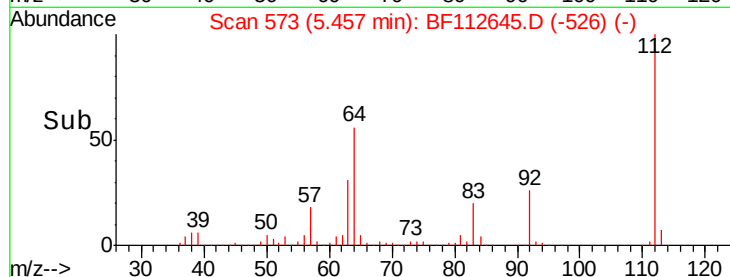
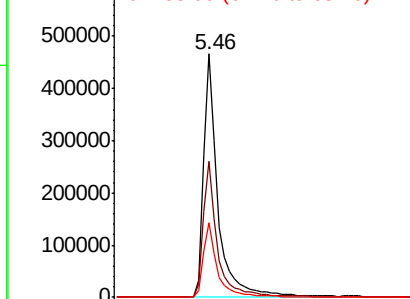
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	541015
Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.7	68.5
63	30.8	23.6	35.4



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



#6

Aniline

Concen: 42.272 ng

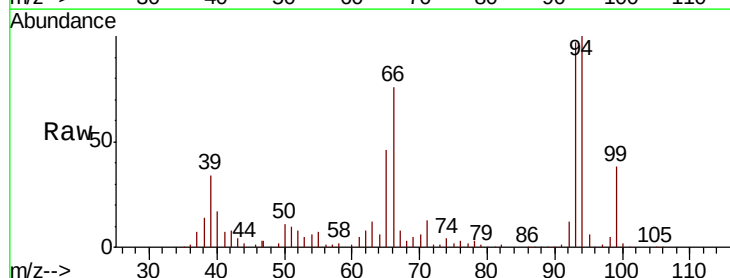
RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

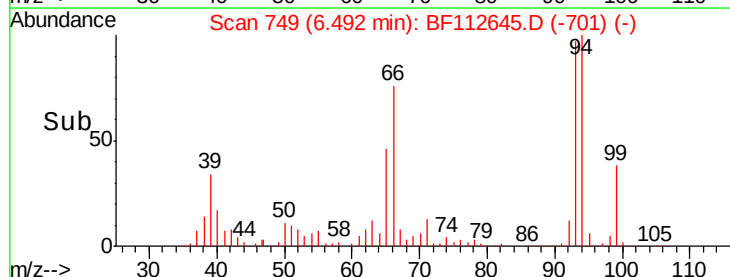
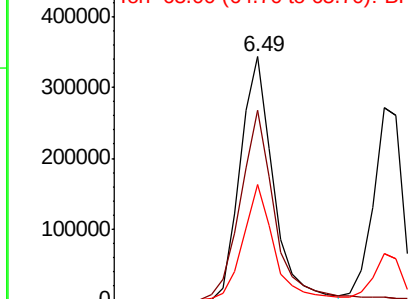
Lab File: BF112645.D

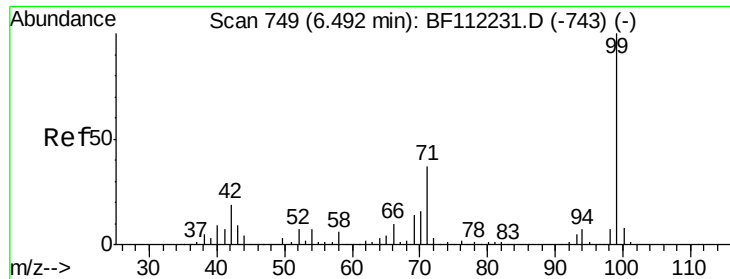
Acq: 21 Feb 2019 11:49

Tgt Ion:	93	Resp:	399363
Ion	Ratio	Lower	Upper
93	100		
66	78.2	43.4	65.2#
65	47.3	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: 84.730 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampleId :

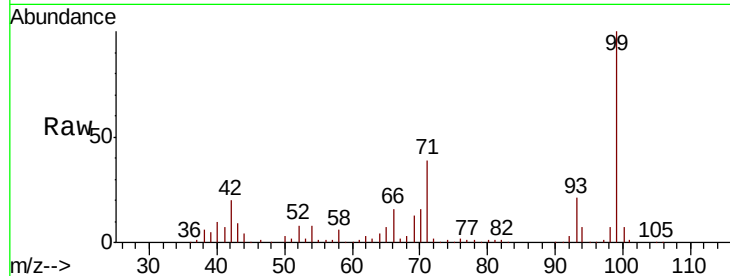
Tot Ion: 99 Resp: 672917

Ion Ratio Lower Upper

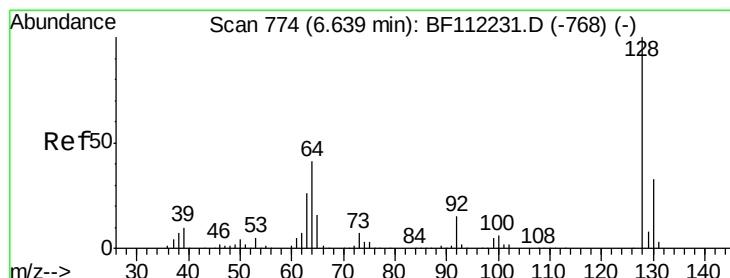
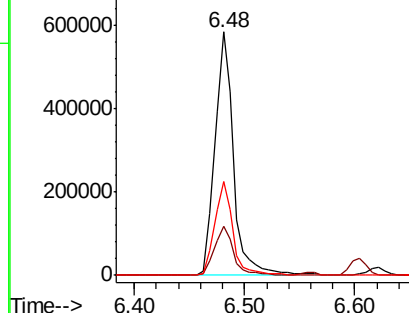
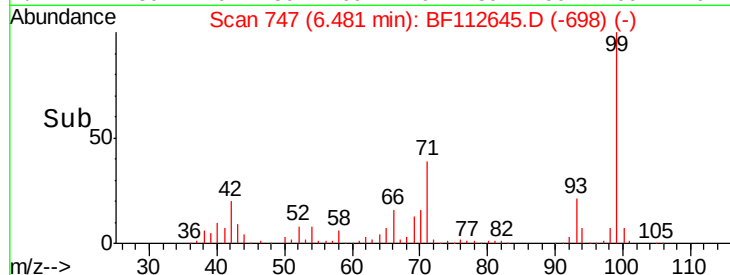
99 100

42 20.0 15.1 22.7

71 38.6 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: 41.221 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

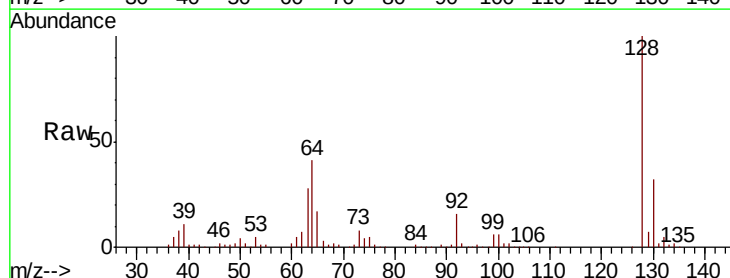
Tgt Ion: 128 Resp: 316934

Ion Ratio Lower Upper

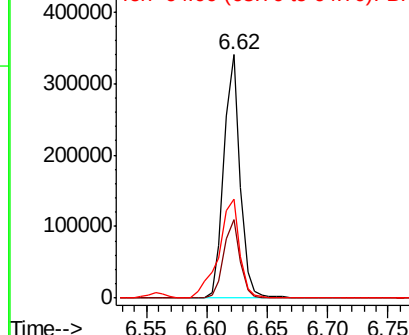
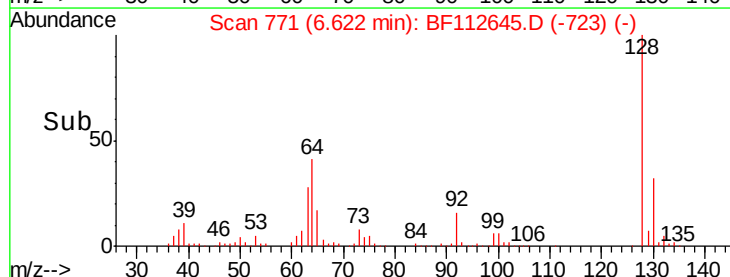
128 100

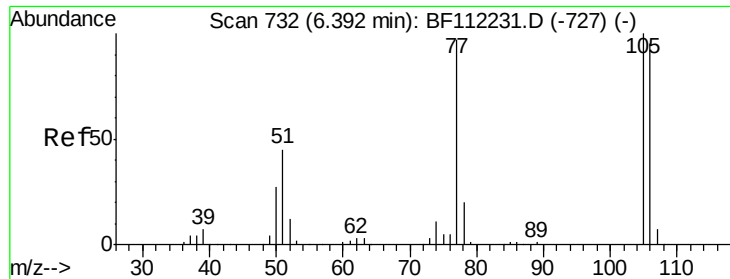
130 32.0 13.4 53.4

64 40.6 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: 38.075 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampleId :

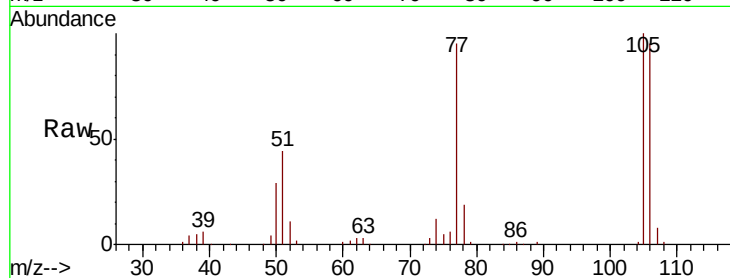
Tot Ion: 77 Resp: 158050

Ion Ratio Lower Upper

77 100

105 105.1 80.8 120.8

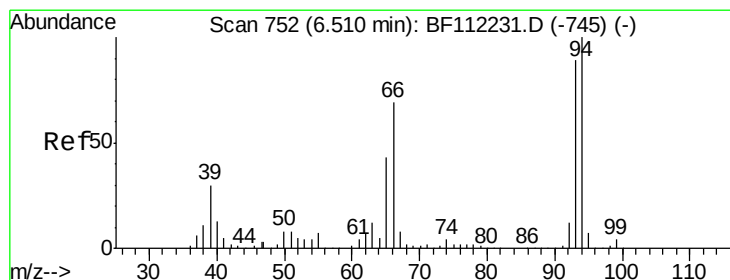
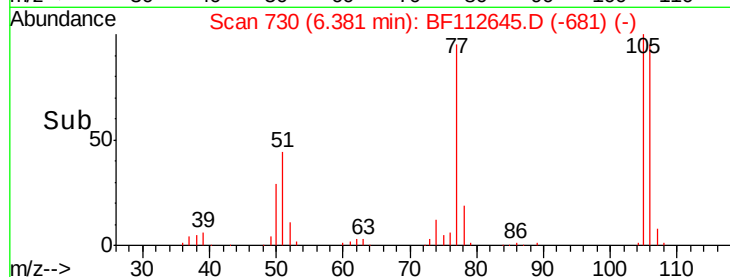
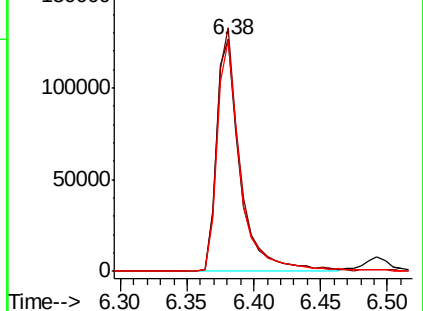
106 99.4 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.800 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

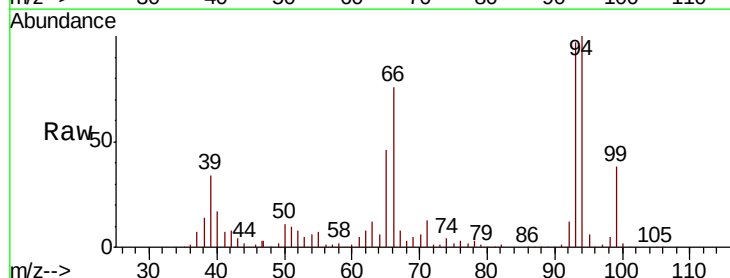
Tgt Ion: 94 Resp: 364205

Ion Ratio Lower Upper

94 100

65 45.8 20.3 60.3

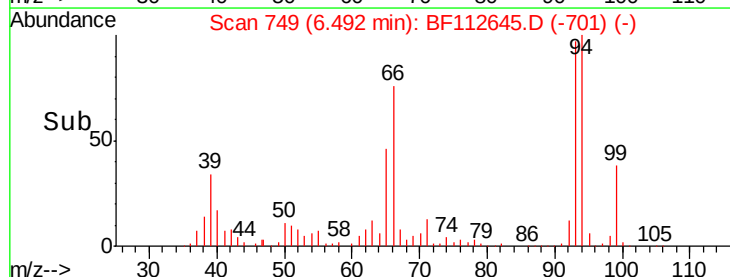
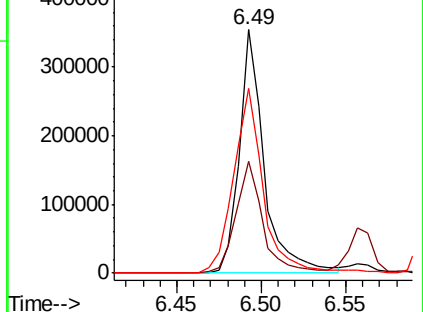
66 75.7 42.4 82.4

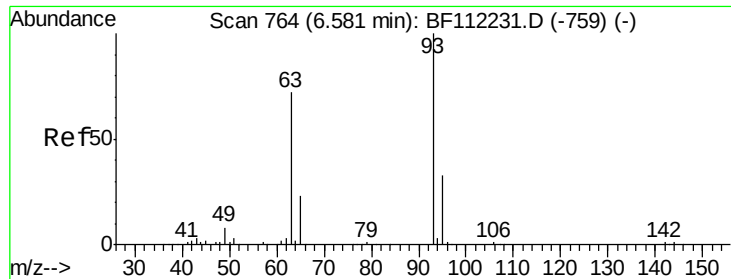


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.383 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampleId :

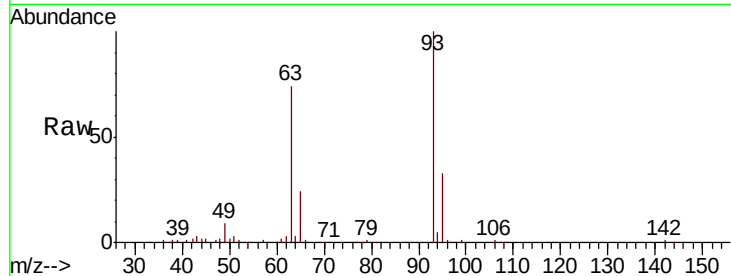
Tot Ion: 93 Resp: 277013

Ion Ratio Lower Upper

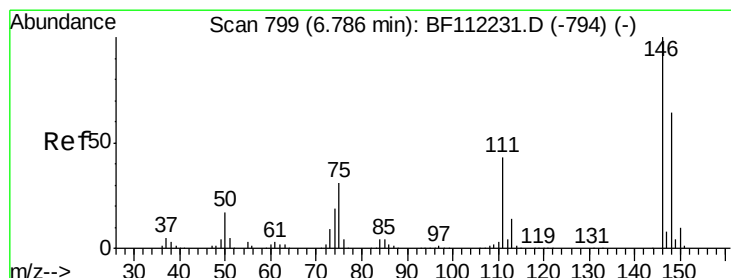
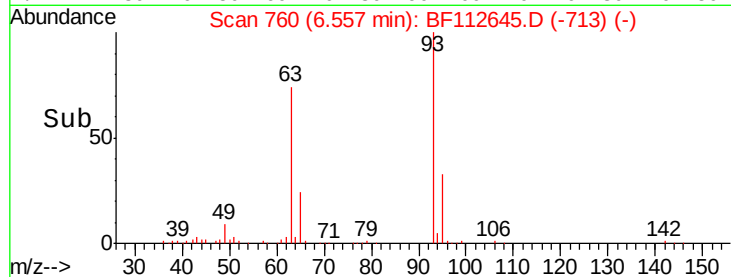
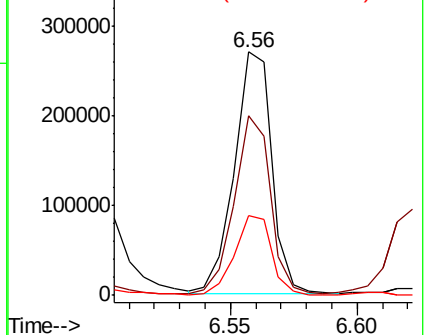
93 100

63 73.9 53.3 93.3

95 32.8 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: 39.246 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

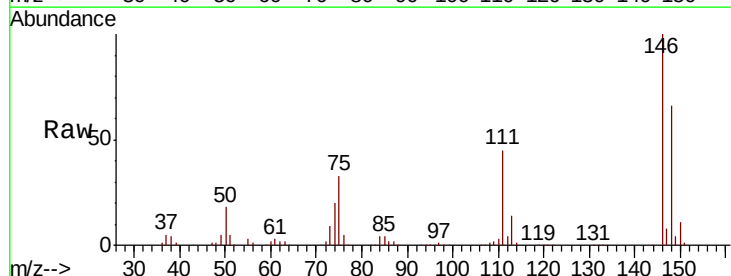
Tgt Ion: 146 Resp: 351416

Ion Ratio Lower Upper

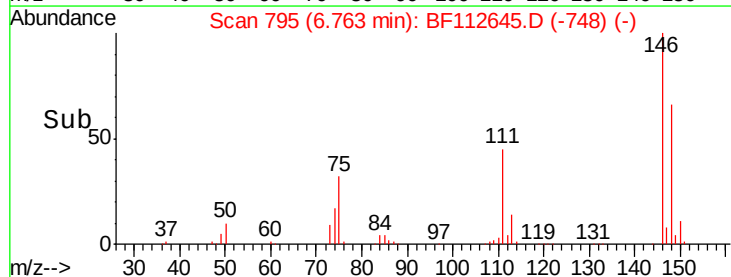
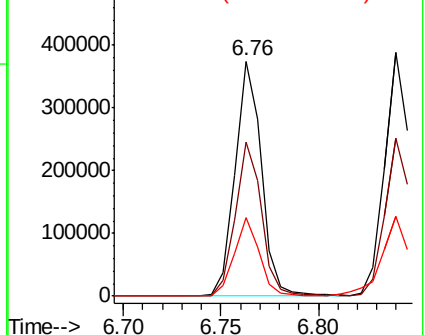
146 100

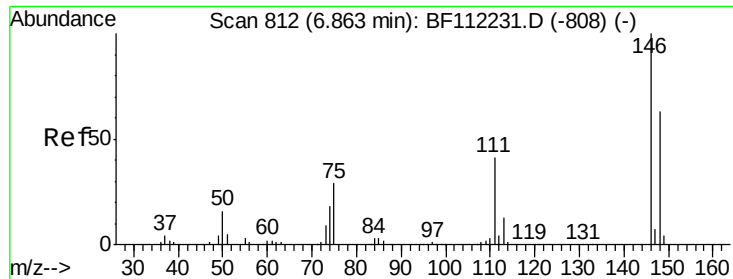
148 65.5 51.8 77.8

75 33.3 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

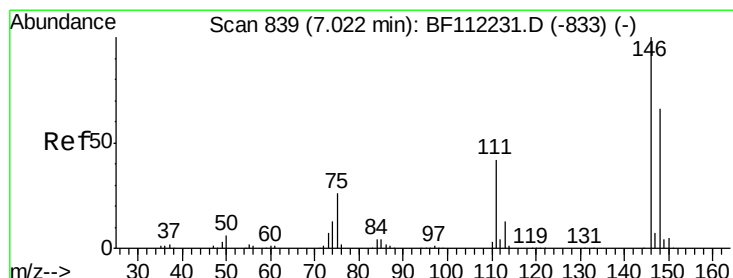
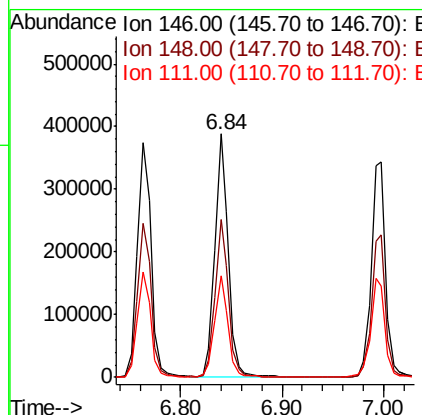
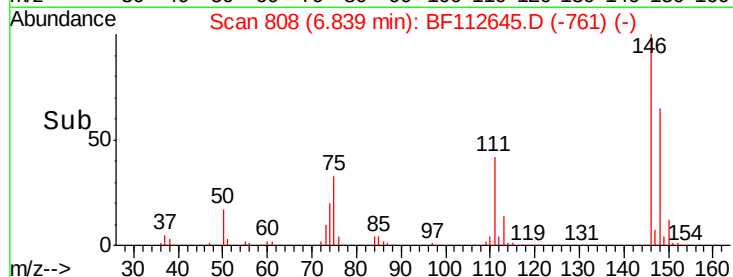
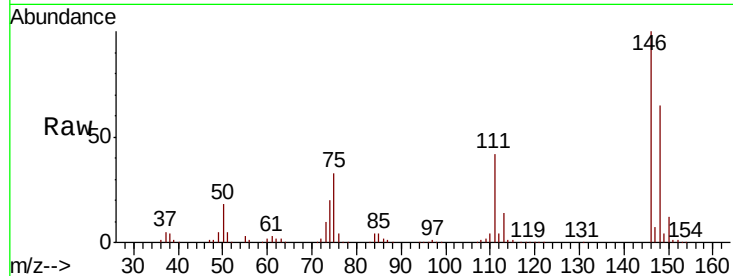




#13
 1,4-Dichlorobenzene
 Concen: 38.997 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

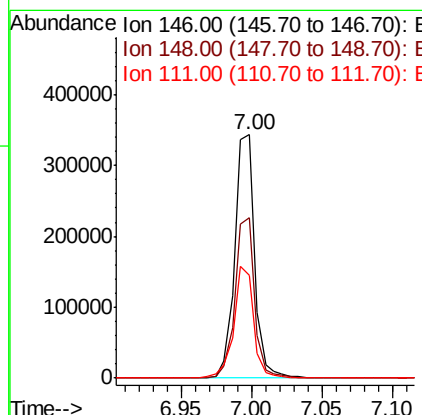
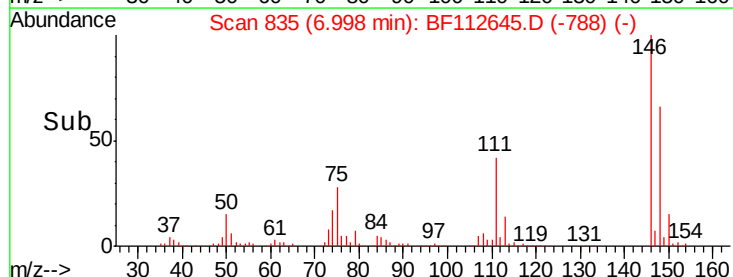
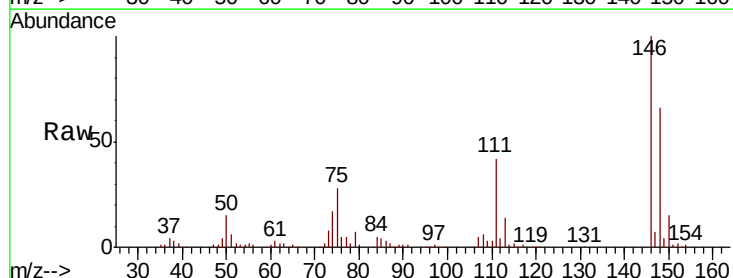
Instrument :
 BNA_F
 ClientSampled :

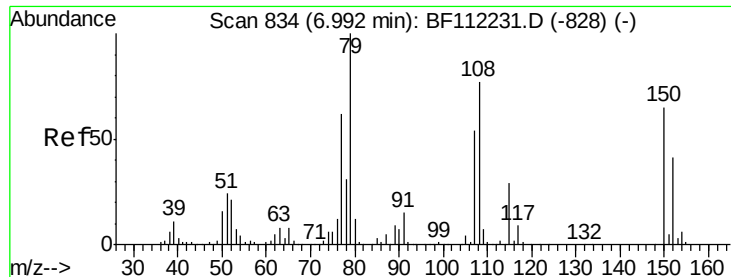
Tot Ion:146 Resp: 359377
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 42.0 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 38.941 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Tgt Ion:146 Resp: 335988
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.2 78.4
 111 42.3 31.2 46.8

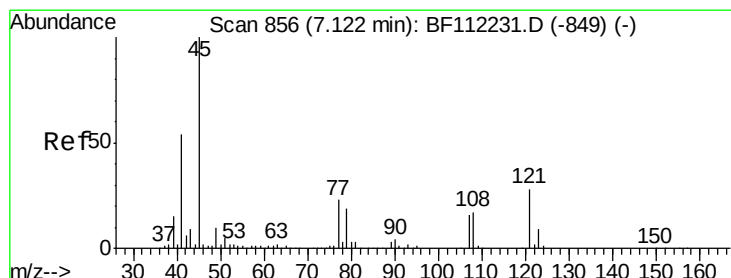
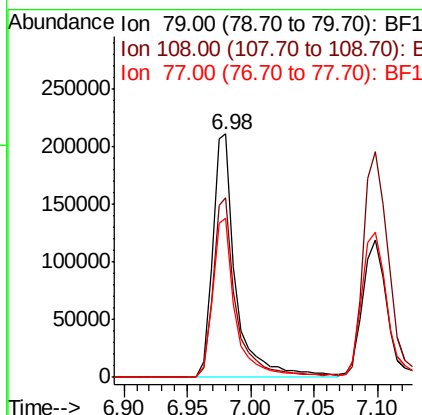
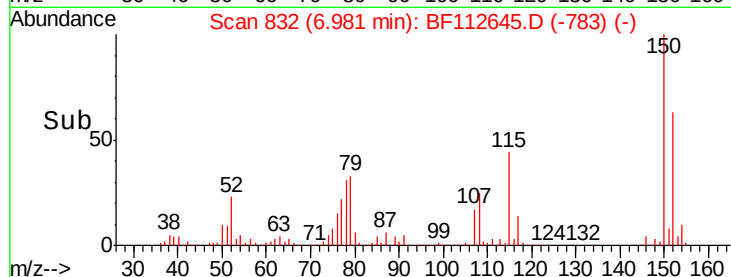
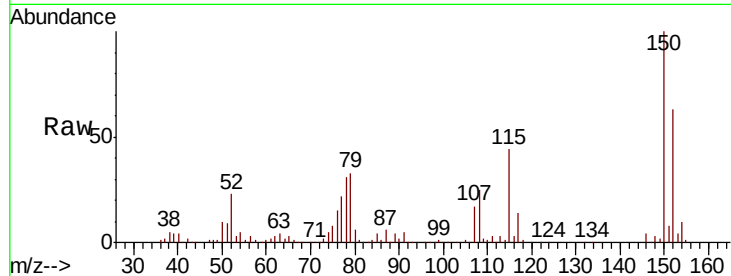




#15
Benzvl Alcohol
Concen: 40.810 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

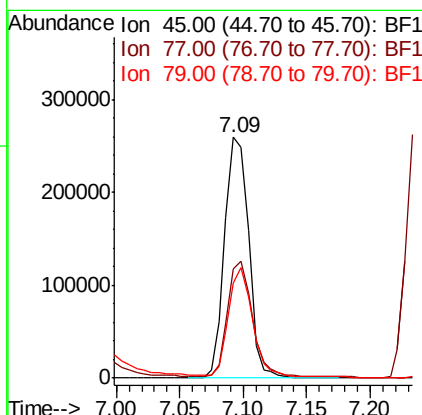
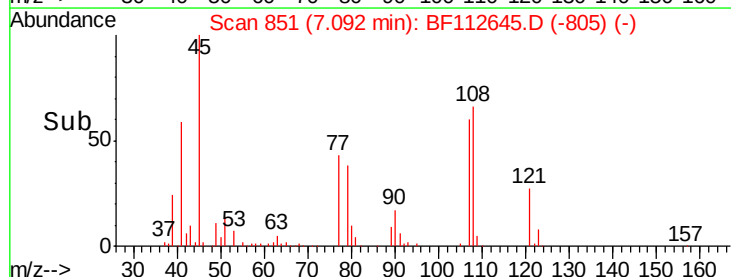
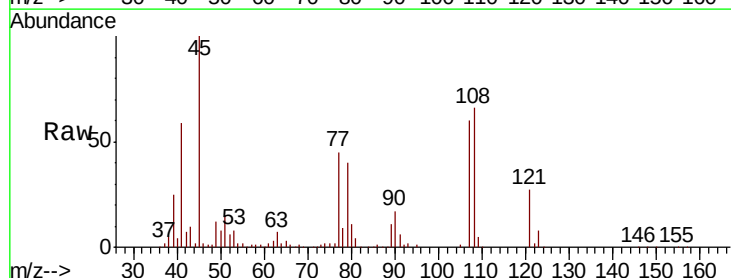
Instrument :
BNA_F
ClientSampled :

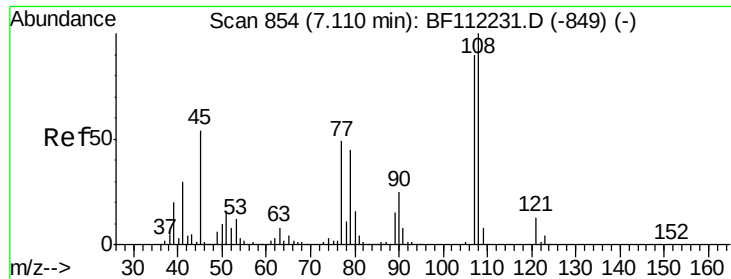
Tot Ion: 79 Resp: 273216
Ion Ratio Lower Upper
79 100
108 73.8 64.2 96.2
77 65.4 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.848 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.03 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion: 45 Resp: 342154
Ion Ratio Lower Upper
45 100
77 45.3 0.0 36.9#
79 39.7 0.0 34.0#

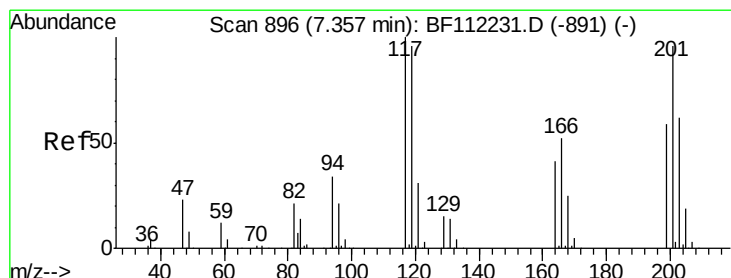
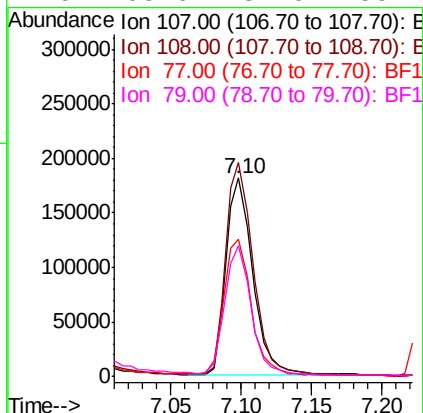
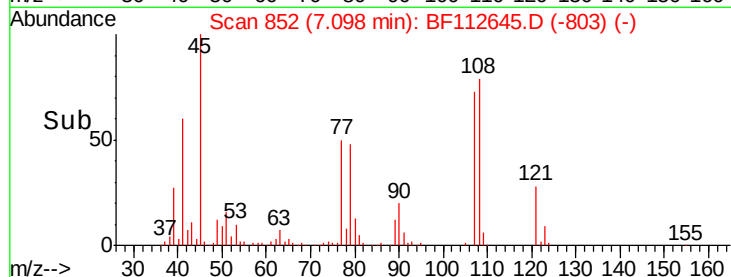
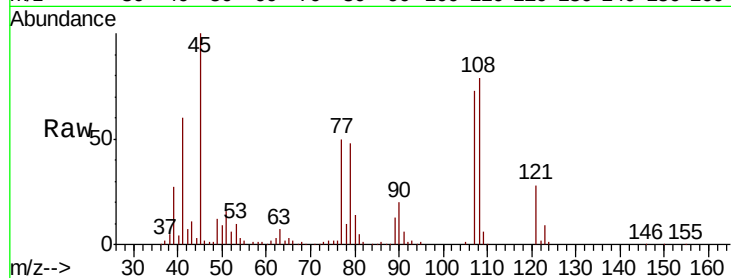




#17
2-Methylphenol
Concen: 39.354 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

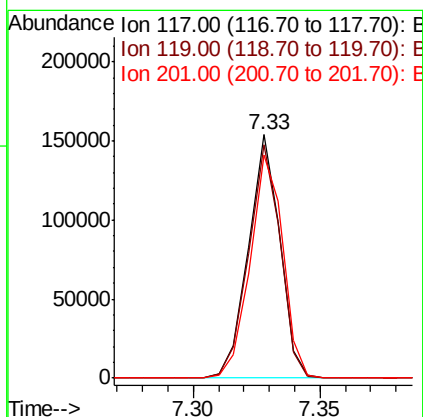
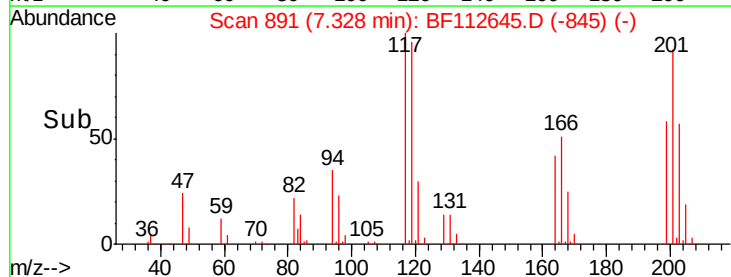
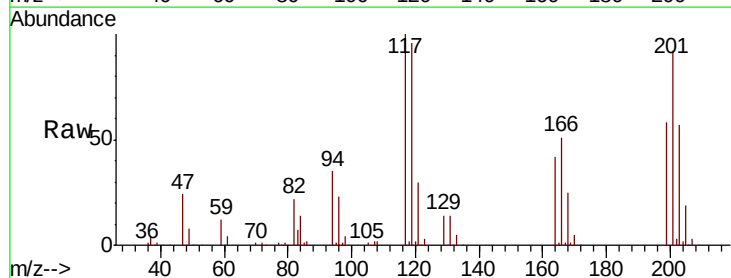
Instrument :
BNA_F
ClientSampleId :

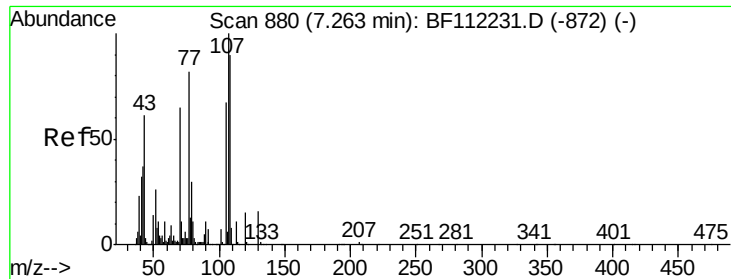
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	91.3	136.9
77	68.9	39.0	58.6
79	65.6	37.0	55.4



#18
Hexachloroethane
Concen: 41.314 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.0	115.4
201	91.7	74.1	111.1

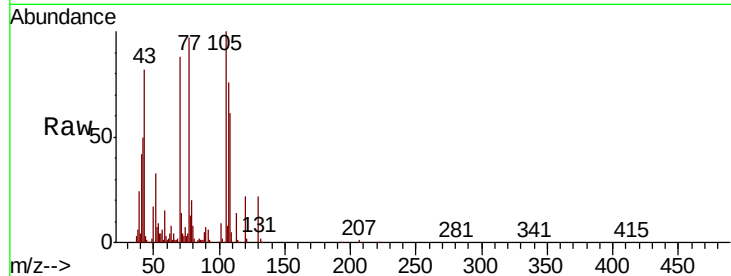




#19
n-Nitroso-di-n-propylamine
Concen: 43.486 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	238140
Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.6	71.4
101	9.9	7.9	11.9
130	24.4	18.4	27.6



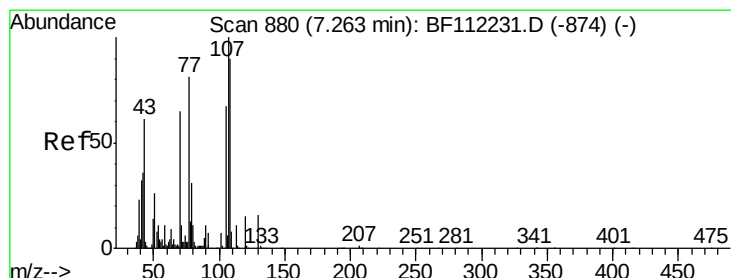
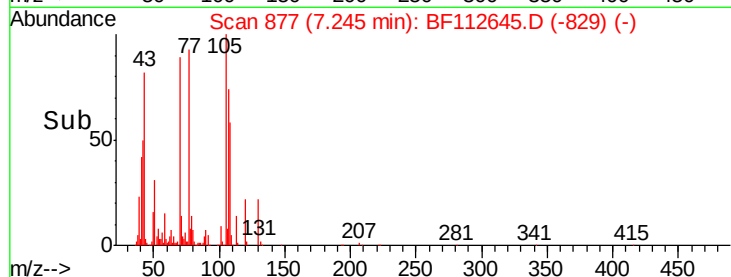
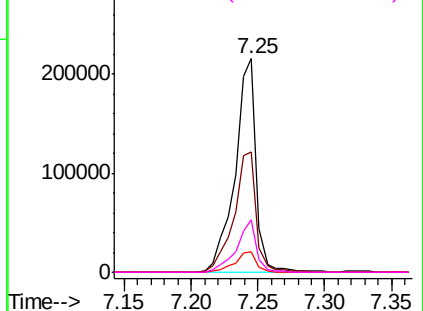
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 42.381 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:	107	Resp:	330316
Ion	Ratio	Lower	Upper
107	100		
108	85.6	68.2	108.2
77	51.4	100.7	140.7#
79	29.0	7.3	47.3

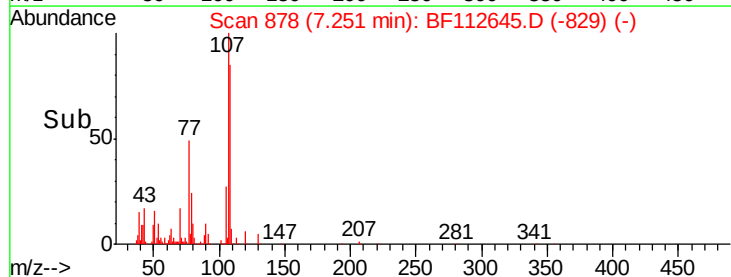
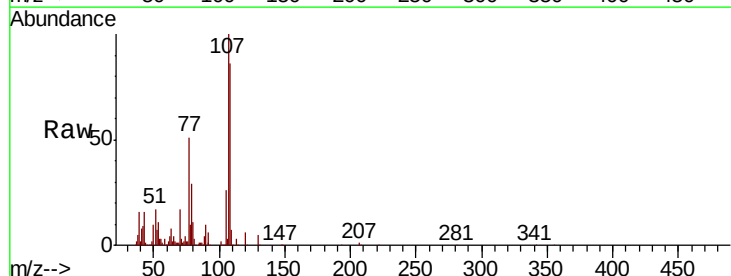
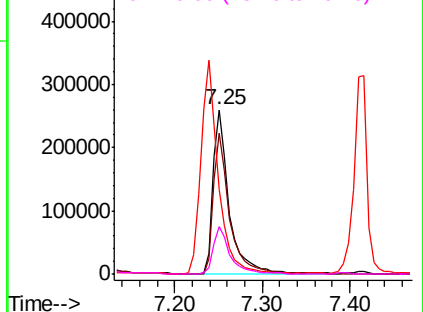
Abundance

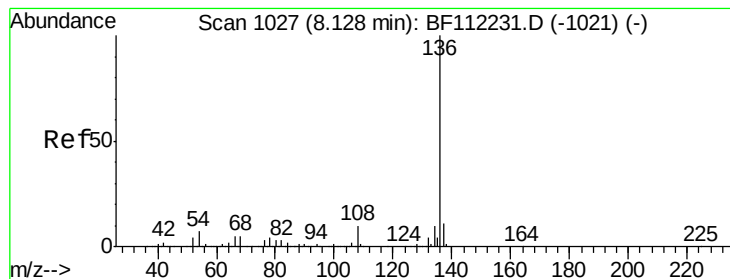
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 472037

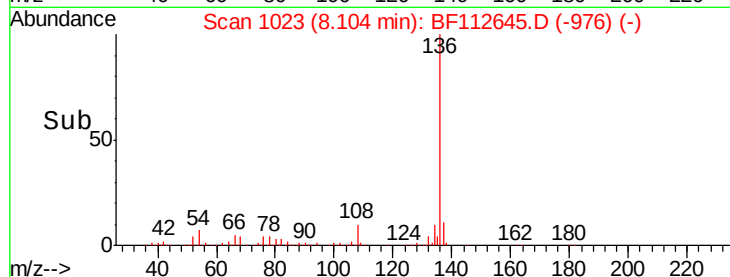
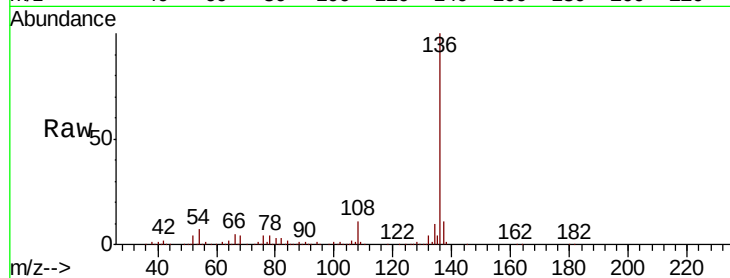
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.5 5.9 8.9

68 4.5 5.1 7.7#

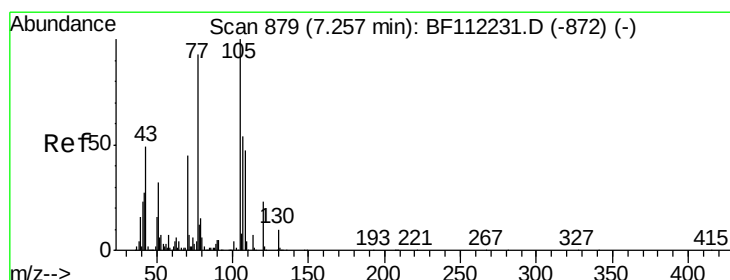
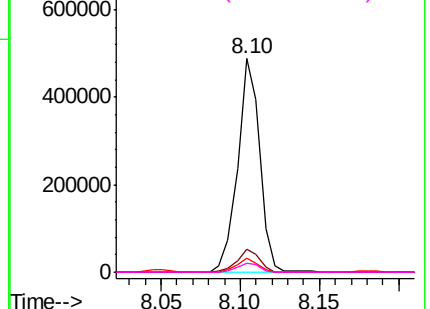


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.236 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Tgt Ion:105 Resp: 473978

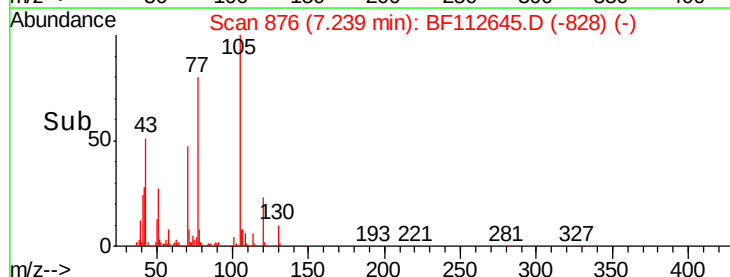
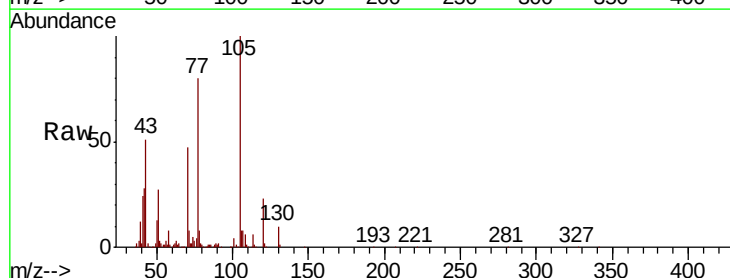
Ion Ratio Lower Upper

105 100

71 7.7 4.6 6.8#

51 27.4 25.0 37.6

120 22.6 19.0 28.4

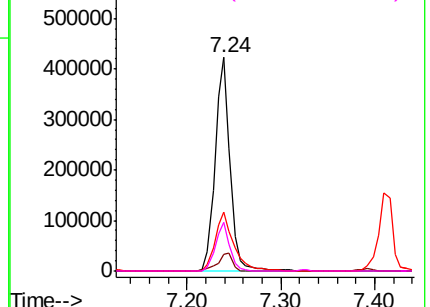


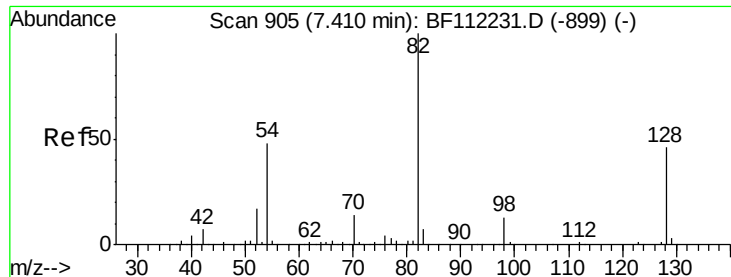
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

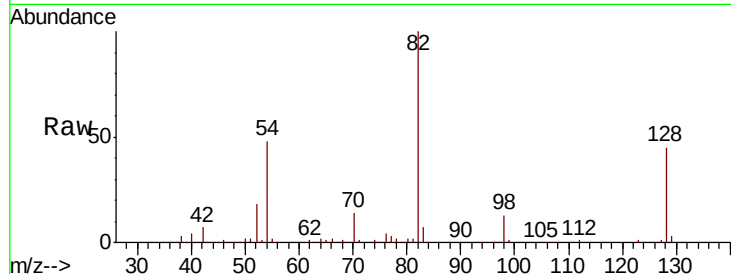




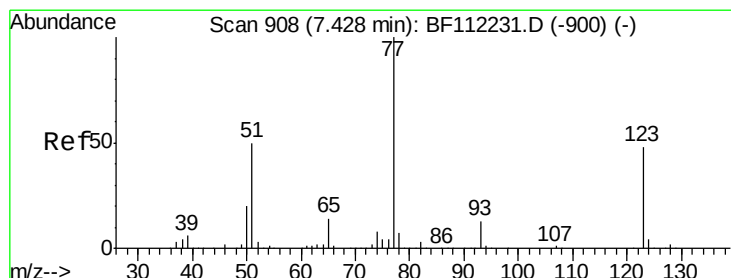
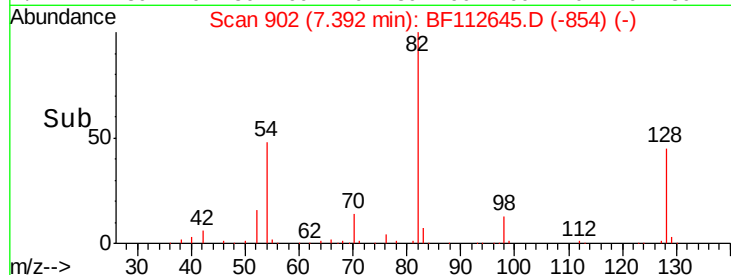
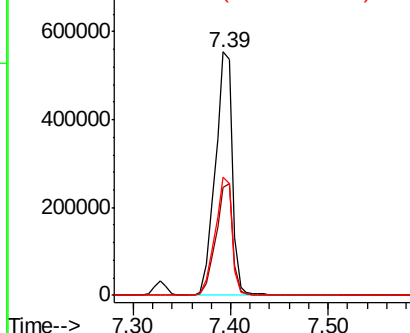
#23
Nitrobenzene-d5
Concen: 82.146 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	672962
Ion Ratio	100	Lower	Upper
128	44.5	37.8	56.8
54	48.4	39.7	59.5

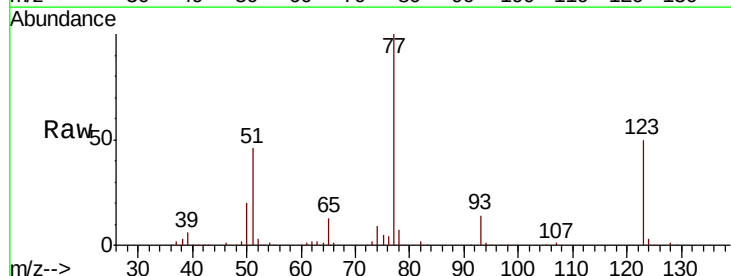


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

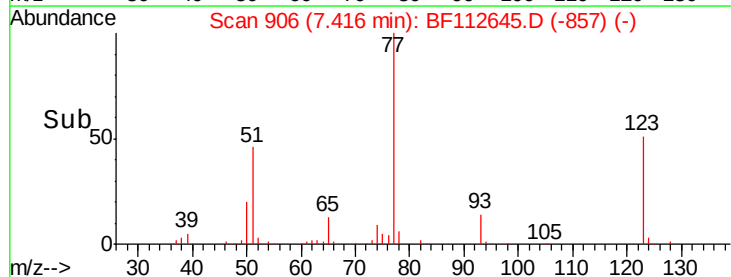
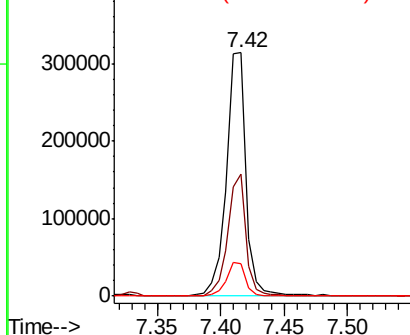


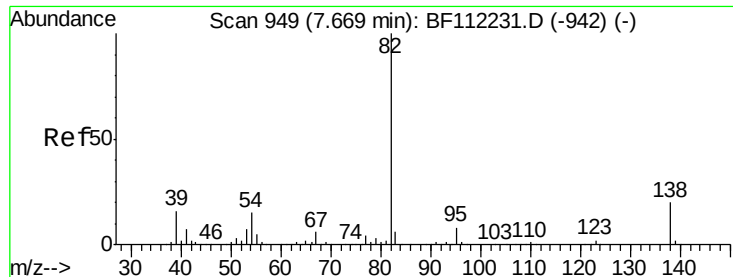
#24
Nitrobenzene
Concen: 40.304 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion	77	Resp	329752
Ion Ratio	100	Lower	Upper
123	50.3	38.4	57.6
65	13.1	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: 42.377 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampleId :

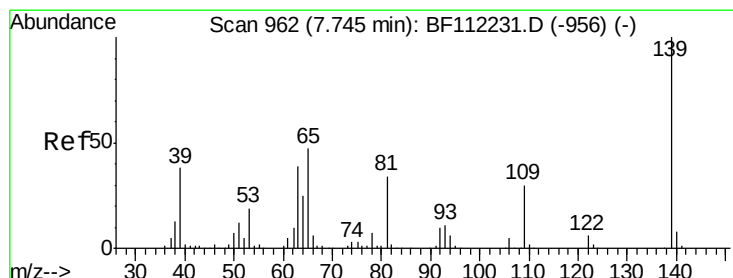
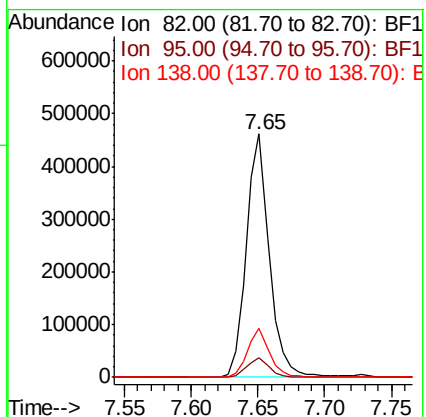
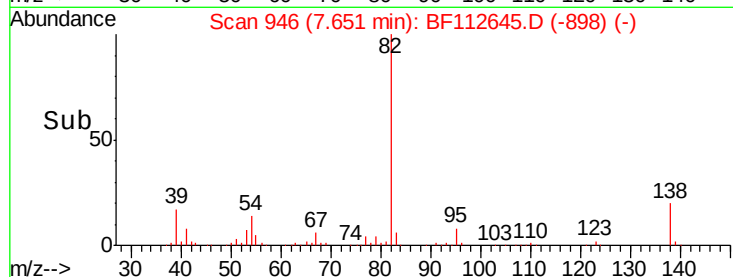
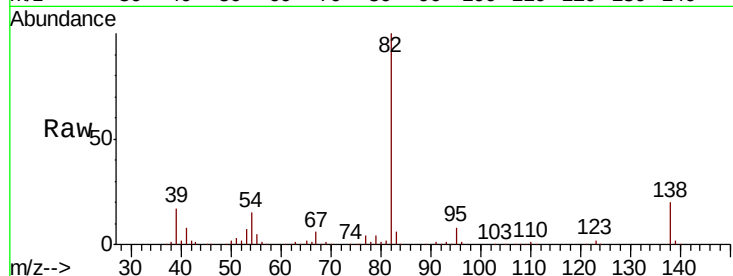
Tot Ion: 82 Resp: 544630

Ion Ratio Lower Upper

82 100

95 8.0 5.7 8.5

138 19.9 15.4 23.0



#26

2-Nitrophenol

Concen: 41.921 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

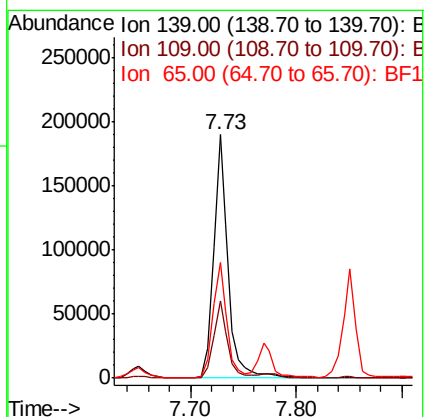
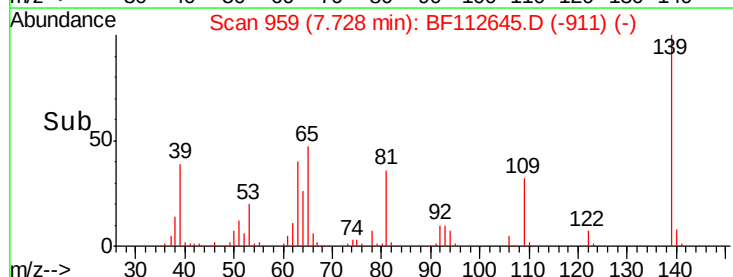
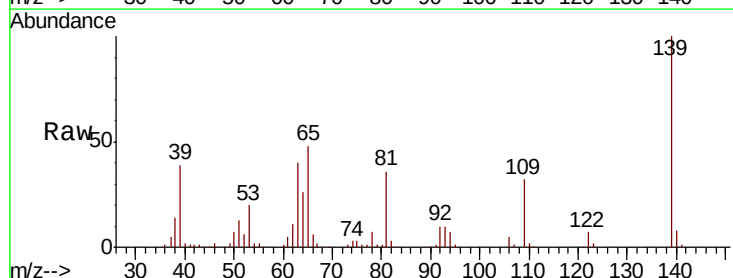
Tgt Ion: 139 Resp: 183296

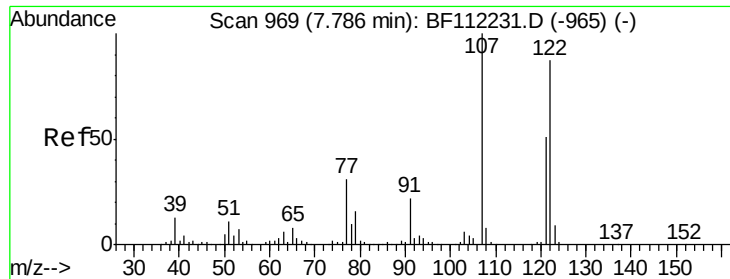
Ion Ratio Lower Upper

139 100

109 31.9 20.8 31.2#

65 47.7 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 40.733 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampleId :

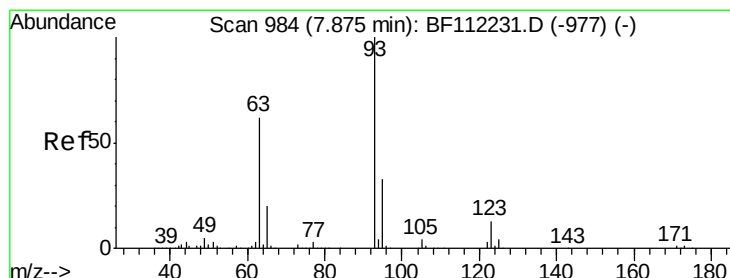
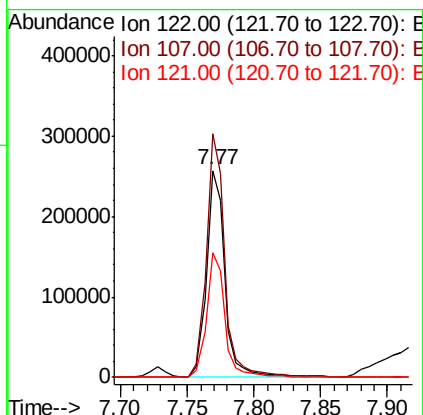
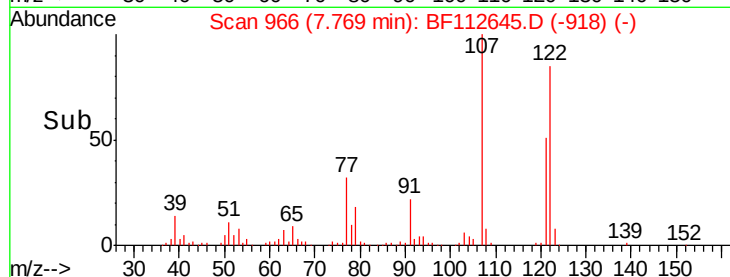
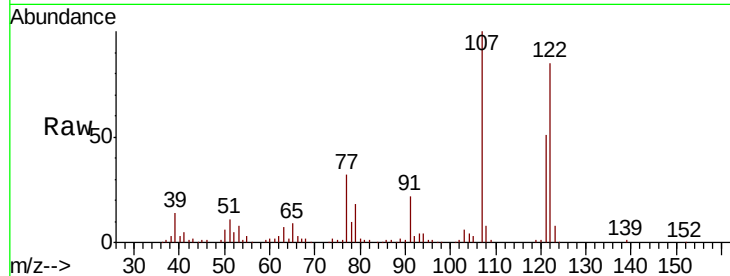
Tot Ion:122 Resp: 245381

Ion Ratio Lower Upper

122 100

107 117.6 85.4 128.0

121 59.9 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.369 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

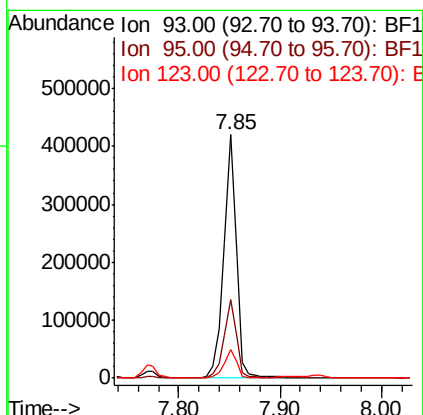
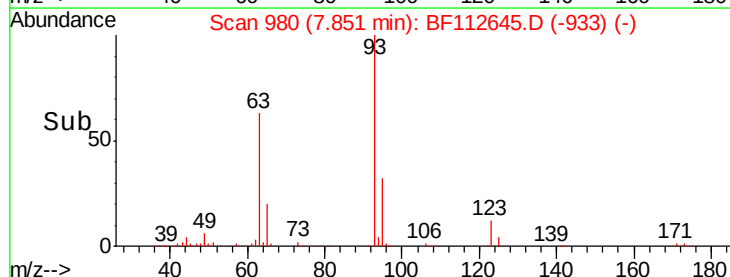
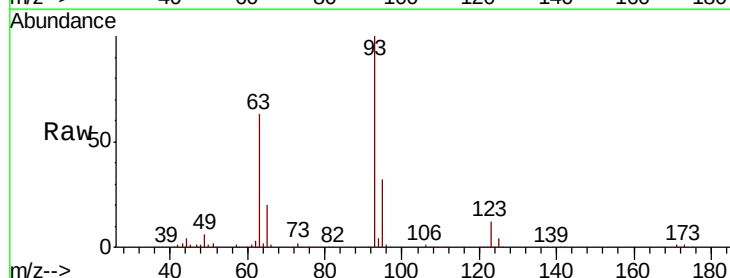
Tgt Ion: 93 Resp: 362019

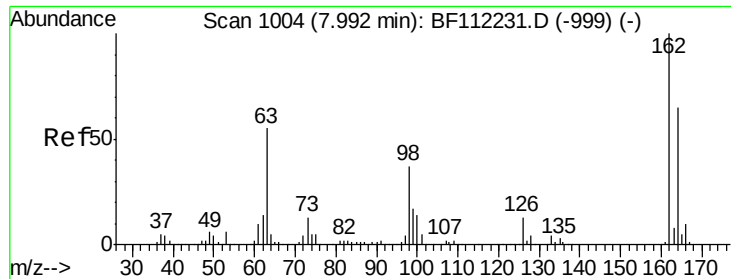
Ion Ratio Lower Upper

93 100

95 32.3 26.8 40.2

123 11.9 10.2 15.2

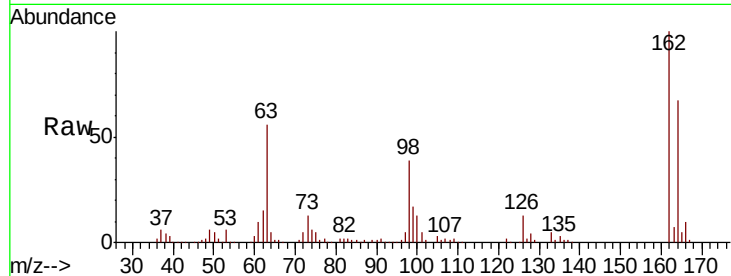




#29
 2,4-Dichlorophenol
 Concen: 40.796 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	44.6	84.6
98	39.1	14.6	54.6

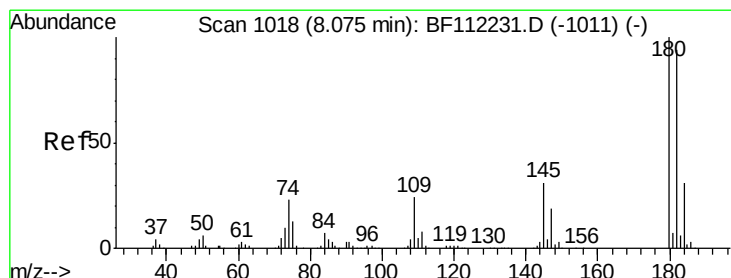
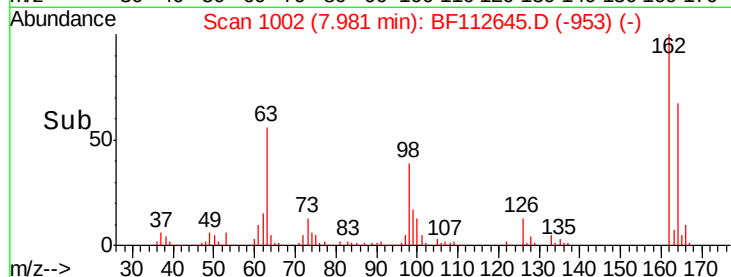
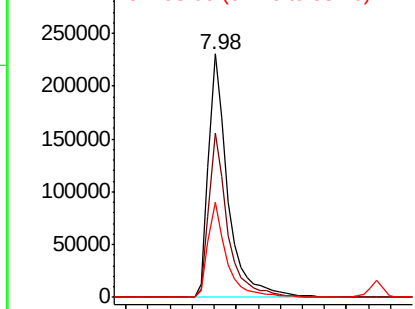


Abundance

Ion 162.00 (161.70 to 162.70): E

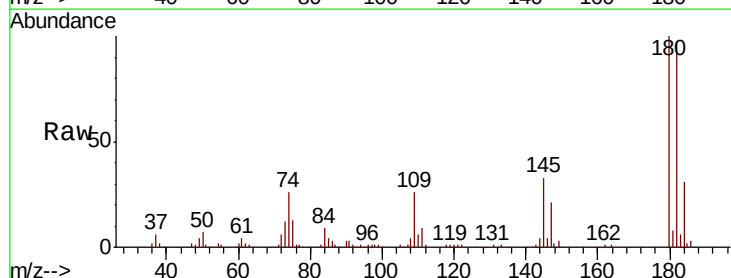
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.345 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.4	114.6
145	33.2	25.0	37.4

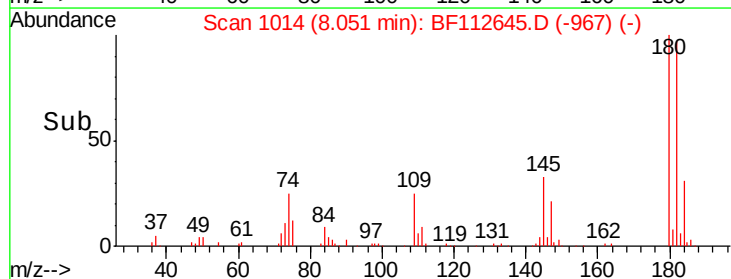
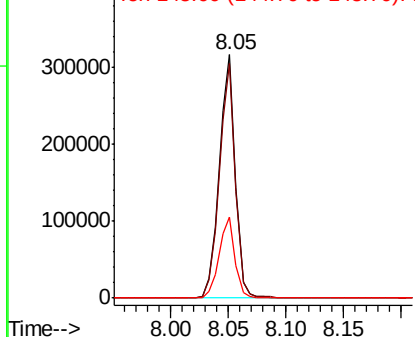


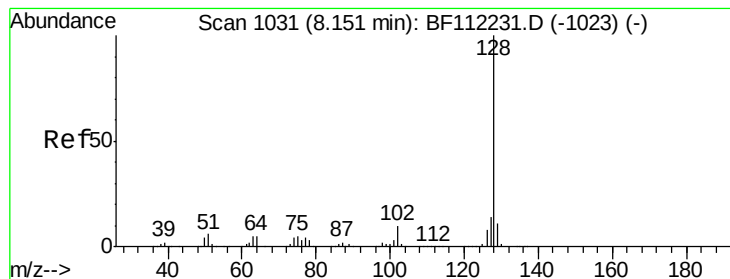
Abundance

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: 39.772 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampled :

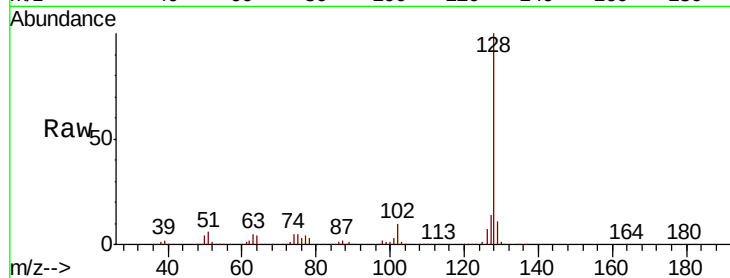
Tot Ion:128 Resp: 877957

Ion Ratio Lower Upper

128 100

129 11.3 9.6 14.4

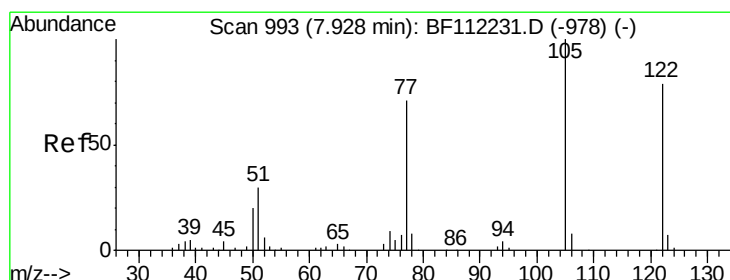
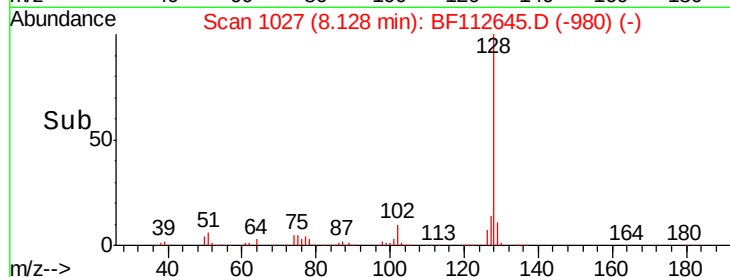
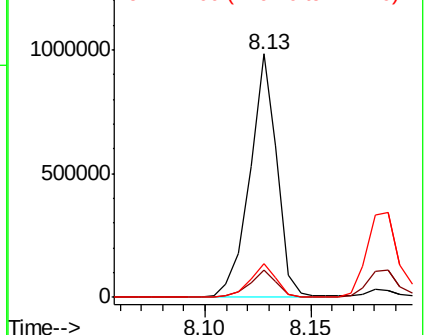
127 13.6 11.1 16.7



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: 46.711 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

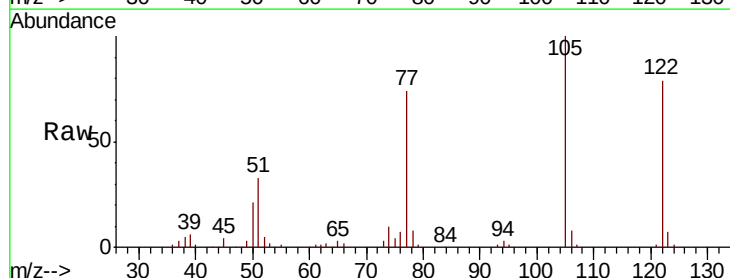
Tgt Ion:122 Resp: 160514

Ion Ratio Lower Upper

122 100

105 127.2 101.2 141.2

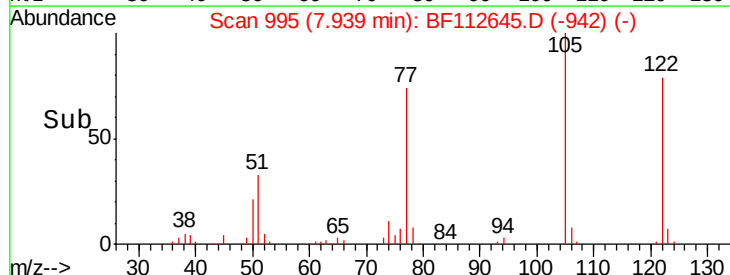
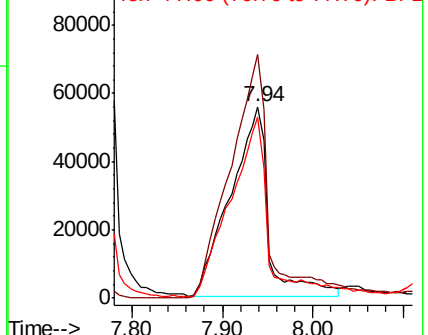
77 94.5 70.4 110.4

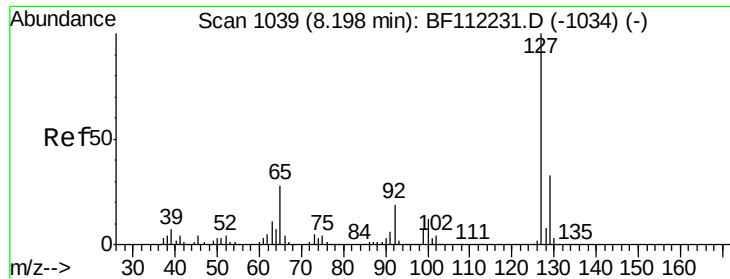


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

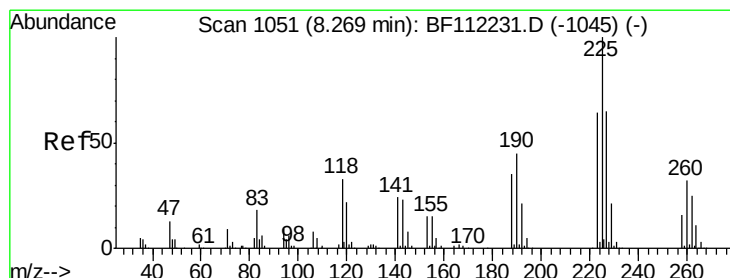
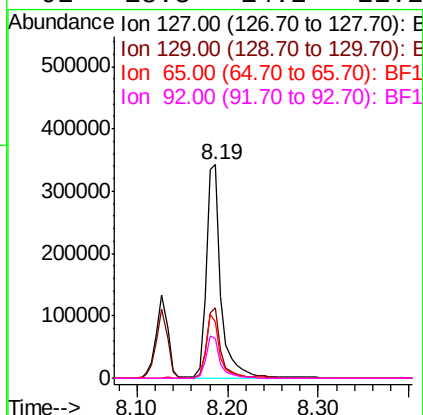
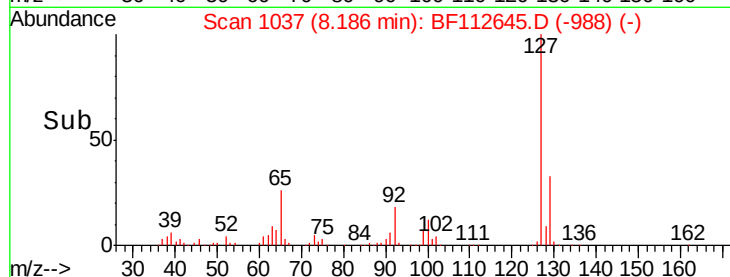
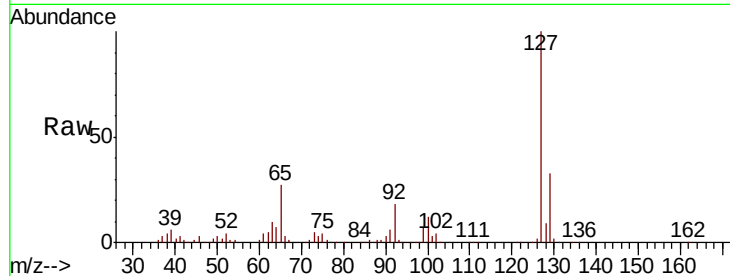




#33
4-Chloroaniline
Concen: 40.638 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

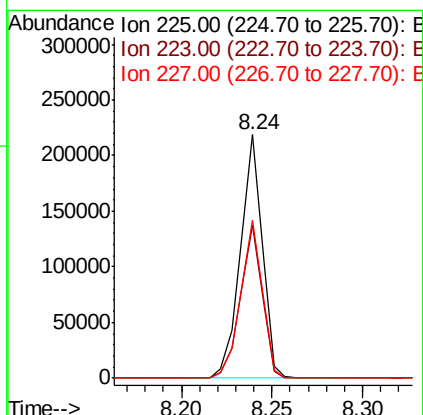
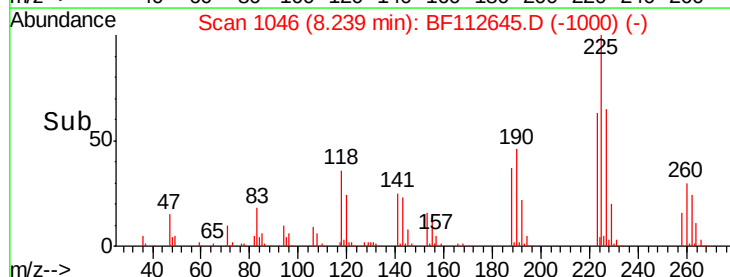
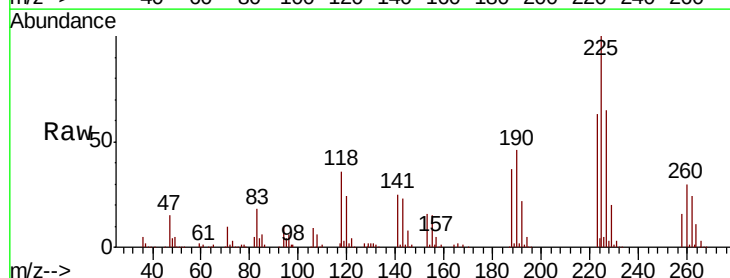
Instrument :
BNA_F
ClientSampled :

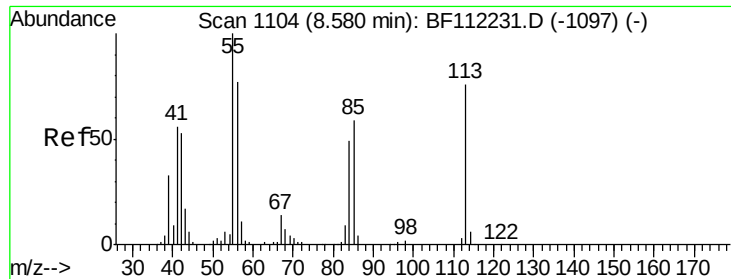
Tot Ion:	127	Resp:	390601
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	26.6	21.4	32.2
92	18.3	14.2	21.2



#34
Hexachlorobutadiene
Concen: 40.320 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:	225	Resp:	183348
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	64.9	51.8	77.8

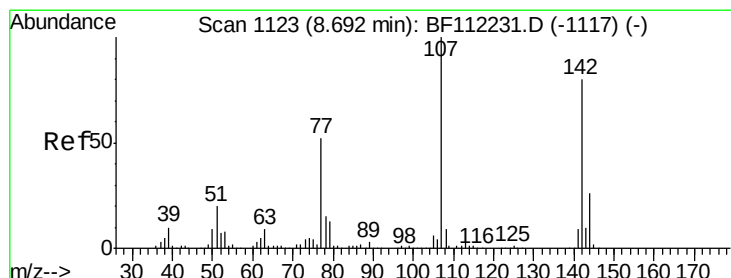
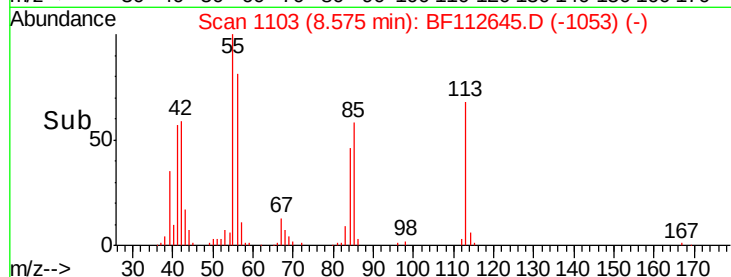
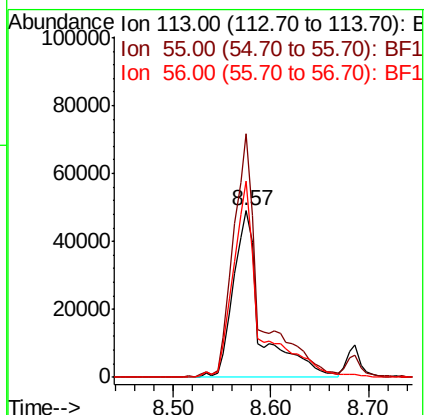
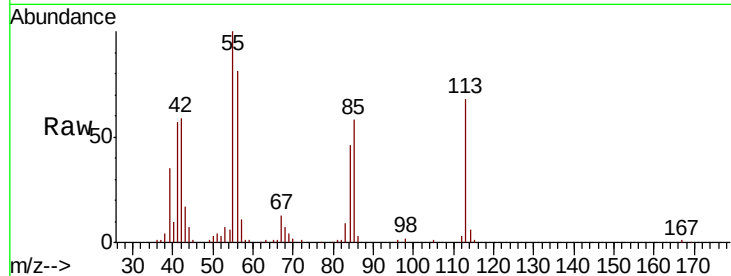




#35
Caprolactam
Concen: 40.747 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

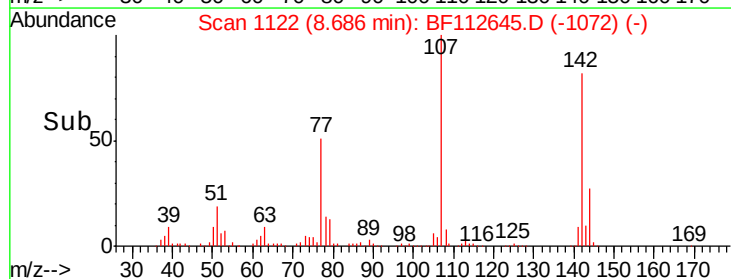
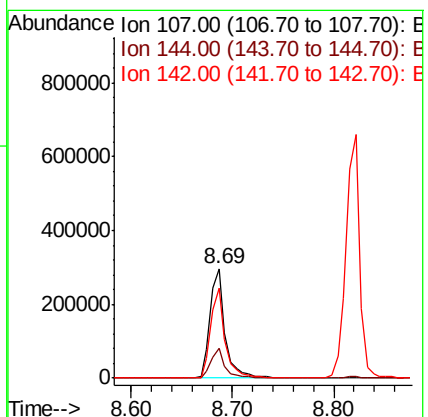
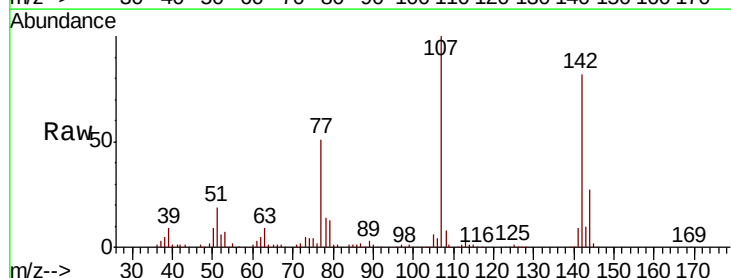
Instrument :
BNA_F
ClientSampleId :

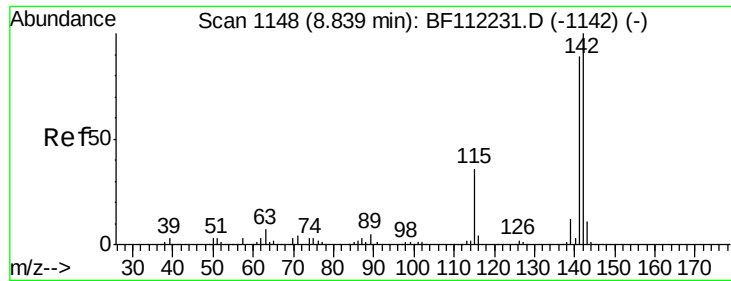
Tot Ion:113 Resp: 96906
Ion Ratio Lower Upper
113 100
55 146.1 121.6 161.6
56 117.8 86.7 126.7



#36
4-Chloro-3-methylphenol
Concen: 42.688 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:107 Resp: 304646
Ion Ratio Lower Upper
107 100
144 26.9 22.2 33.2
142 82.0 67.7 101.5

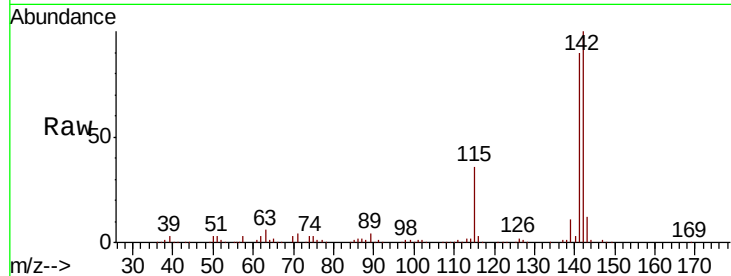




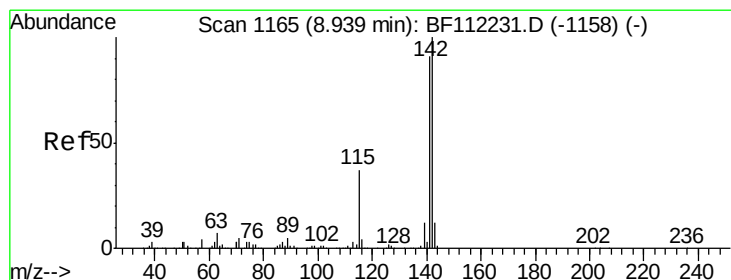
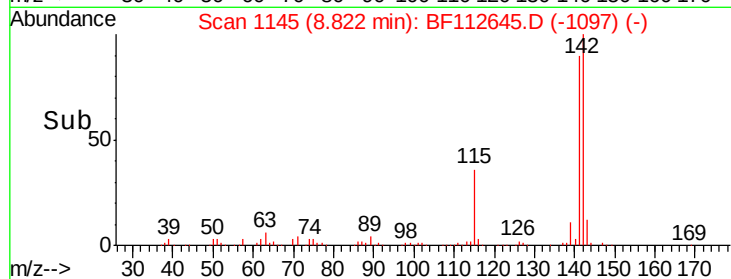
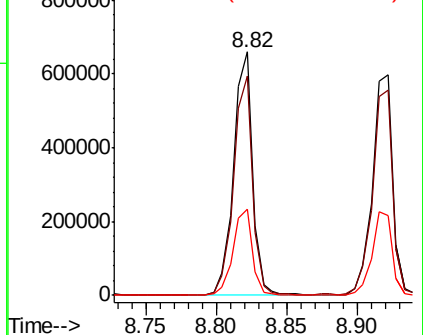
#37
2-Methylnaphthalene
Concen: 40.844 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.9	106.3
115	35.6	24.9	37.3

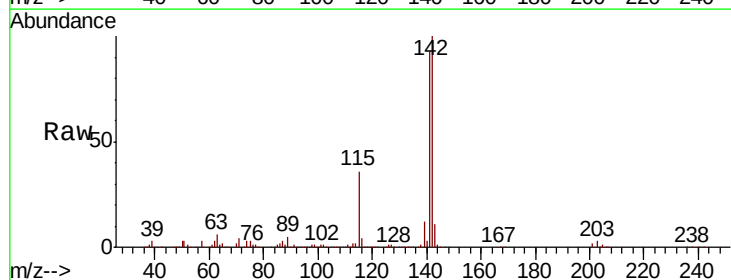


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

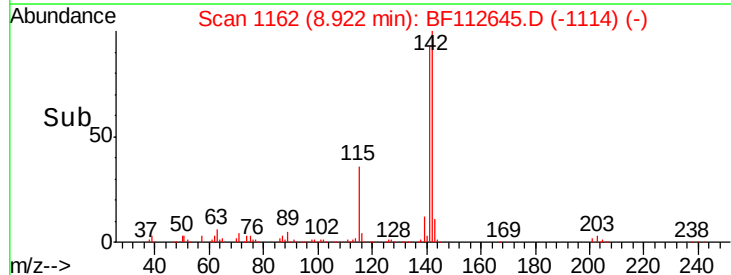
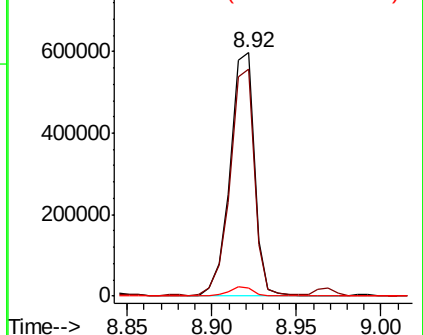


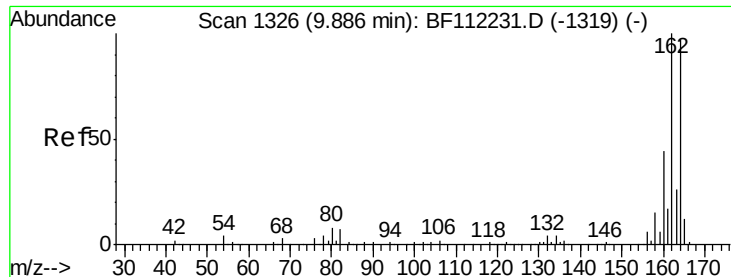
#38
1-Methylnaphthalene
Concen: 41.129 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.6	108.8
116	3.5	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

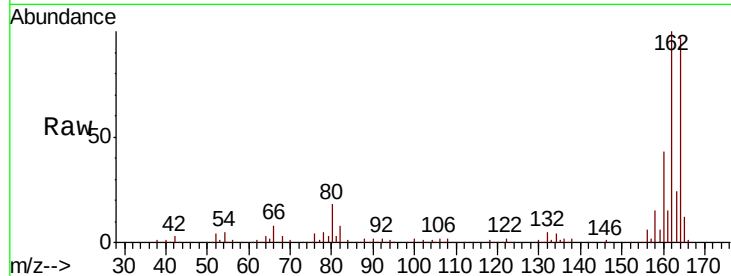




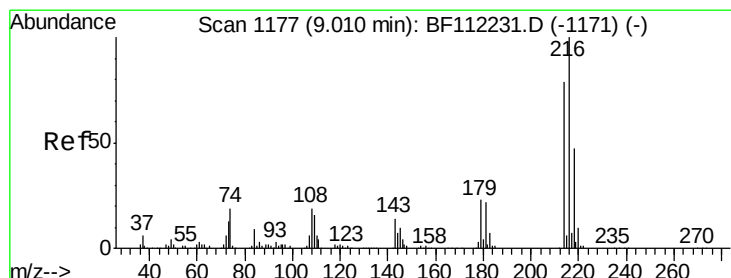
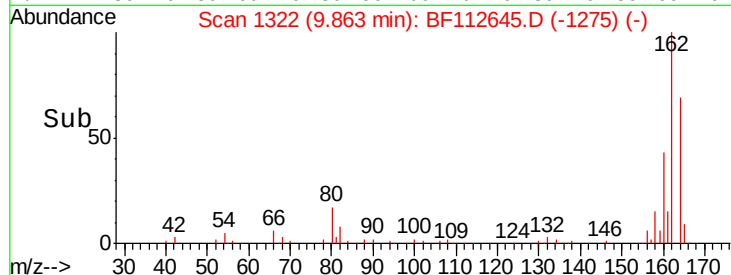
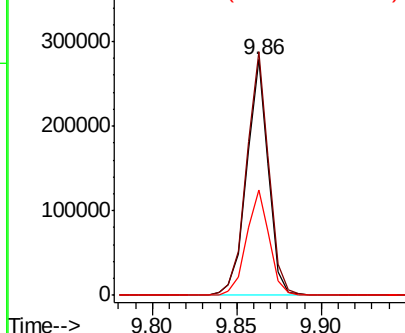
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 249368
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.4
160 44.7 36.2 54.4

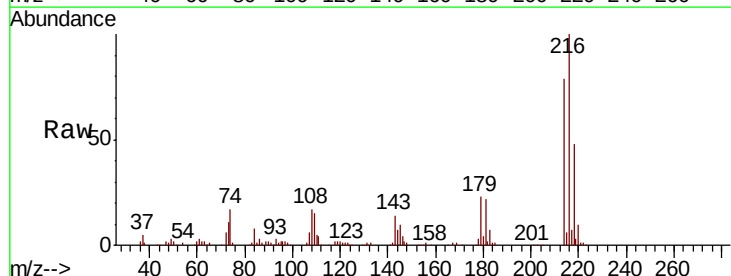


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

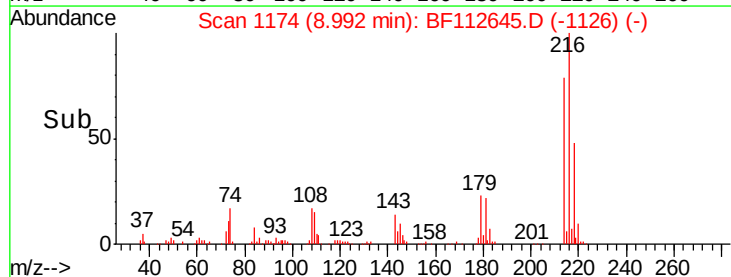
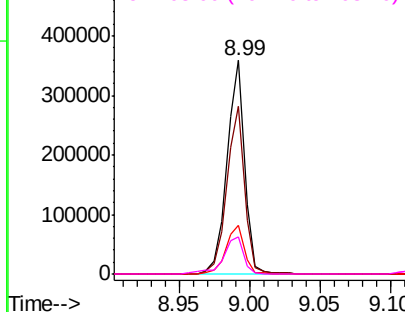


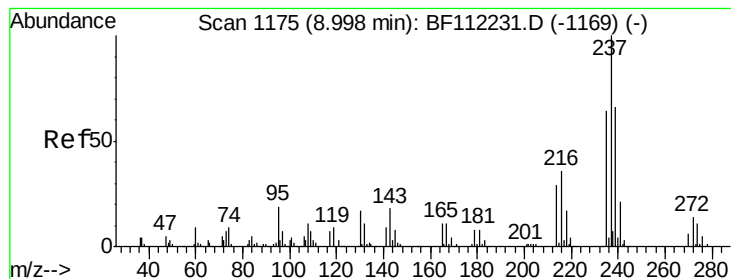
#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.991 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:216 Resp: 311057
Ion Ratio Lower Upper
216 100
214 79.7 63.8 95.6
179 23.3 16.9 25.3
108 19.9 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: 40.829 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.03 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampleId :

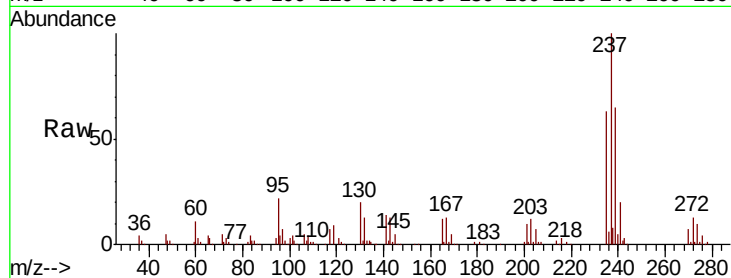
Tot Ion:237 Resp: 110308

Ion Ratio Lower Upper

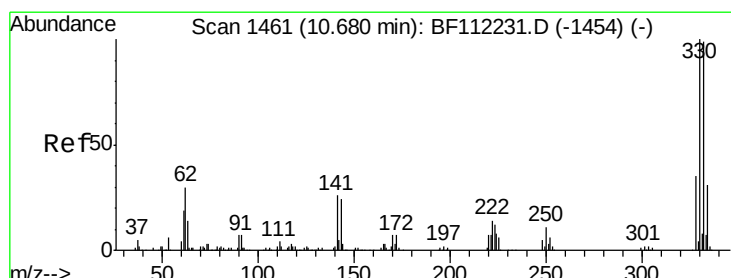
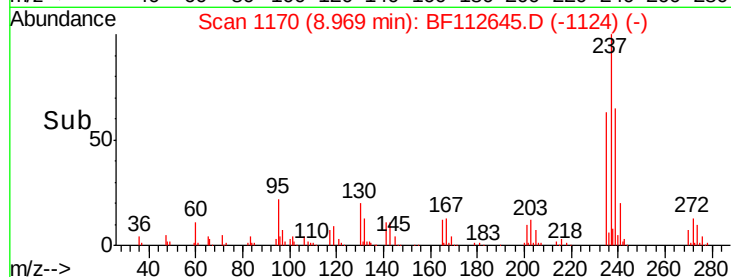
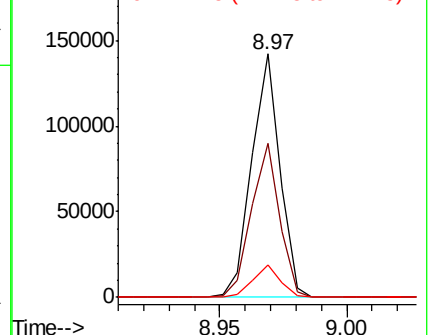
237 100

235 63.2 44.0 84.0

272 13.1 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: 83.923 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

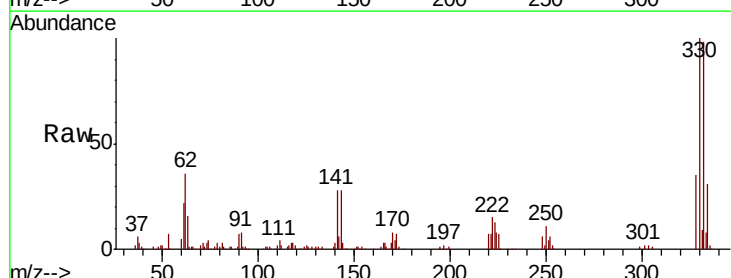
Tgt Ion:330 Resp: 243593

Ion Ratio Lower Upper

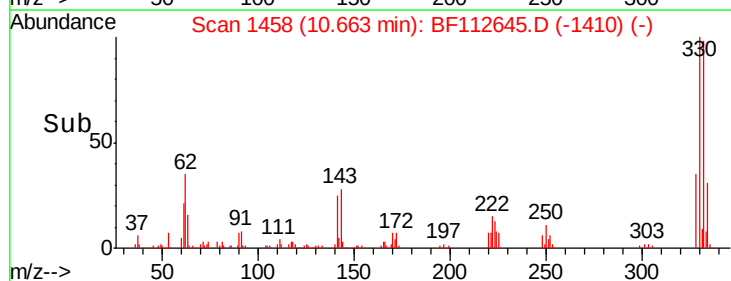
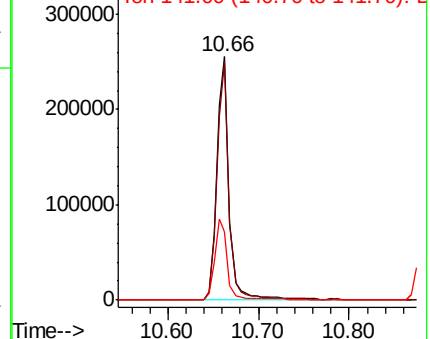
330 100

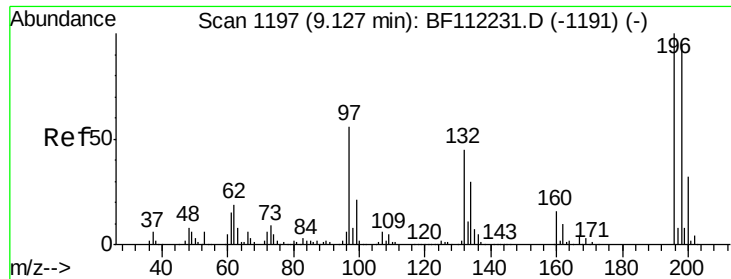
332 95.7 76.6 114.8

141 33.9 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

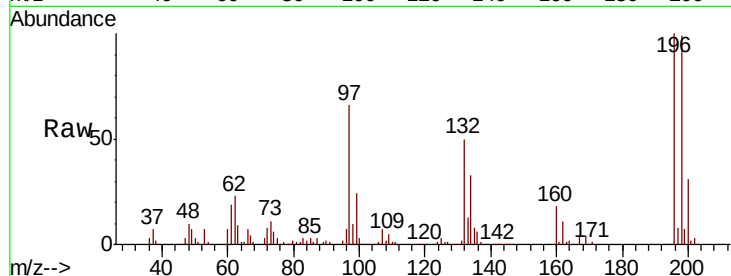




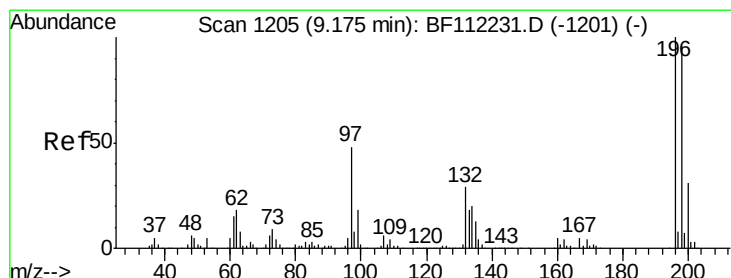
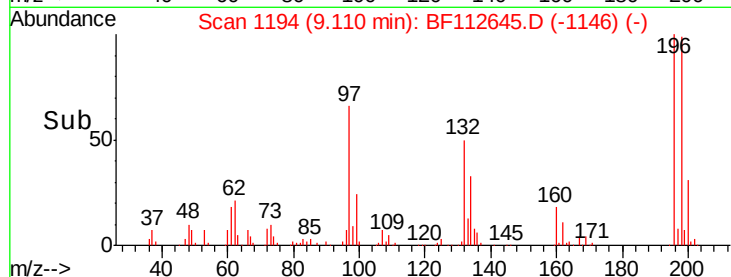
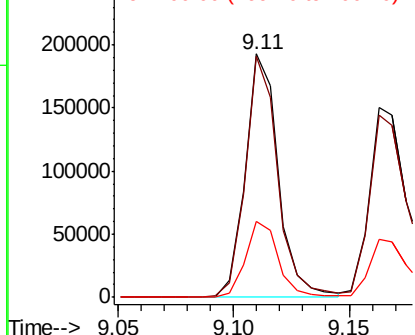
#43
 2,4,6-Trichlorophenol
 Concen: 38.306 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	193326
Ion Ratio	Lower	Upper	
196	100		
198	98.8	76.2	114.4
200	31.1	24.3	36.5



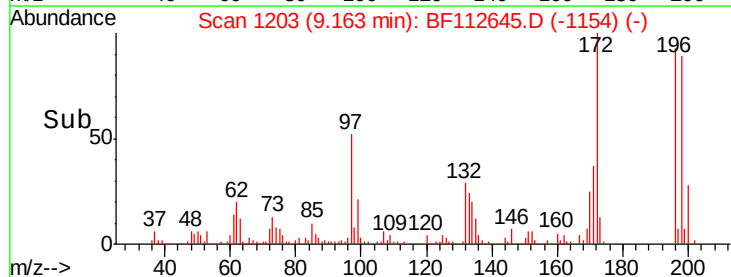
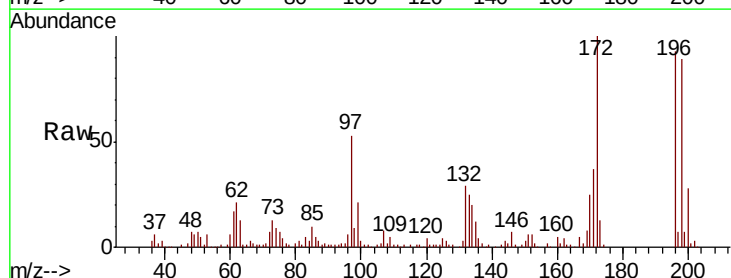
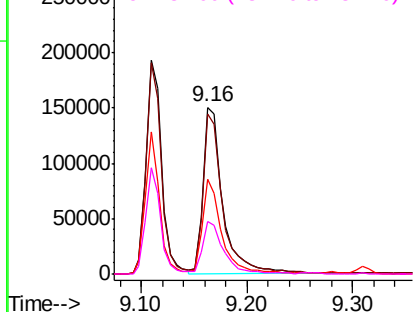
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

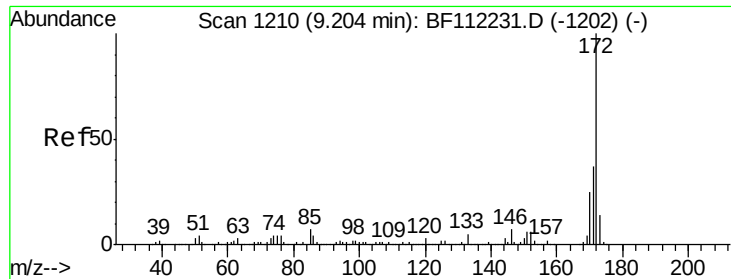


#44
 2,4,5-Trichlorophenol
 Concen: 36.921 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Tgt Ion	196	Resp	194749
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.0	114.0
97	57.1	36.4	54.6#
132	31.8	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

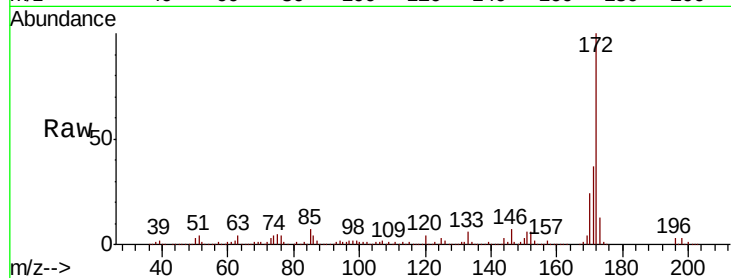




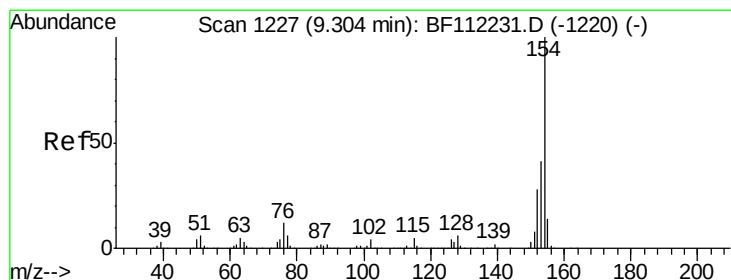
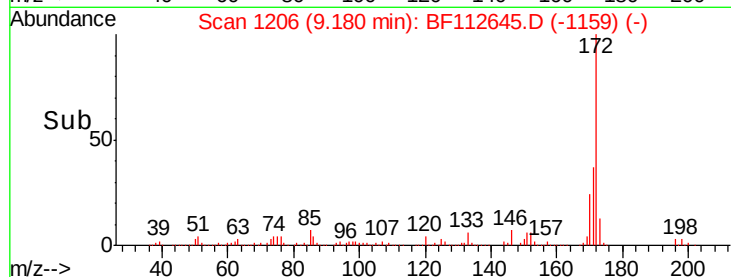
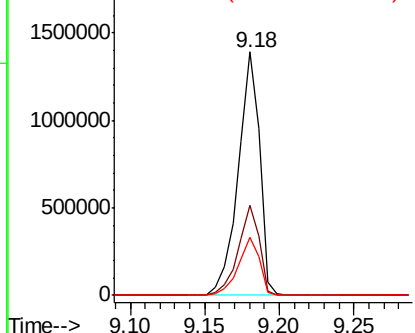
#45
2-Fluorobiphenyl
Concen: 79.371 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1399424
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 23.9 20.2 30.4

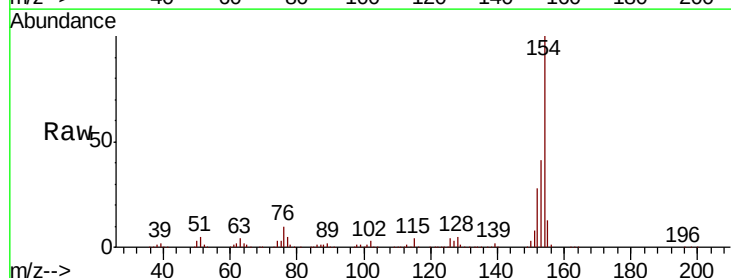


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

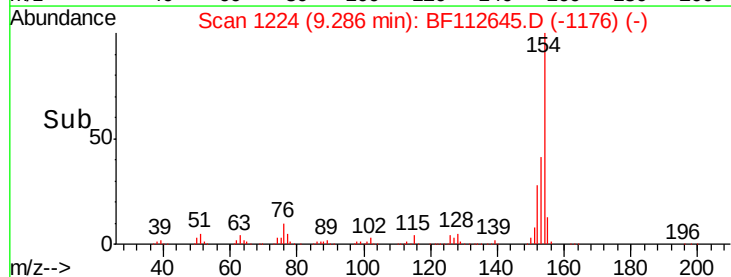
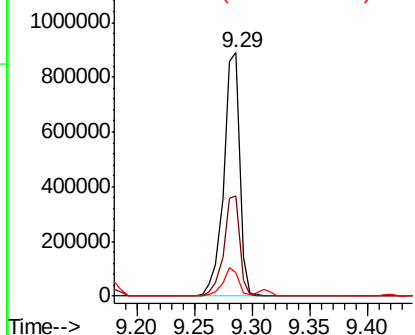


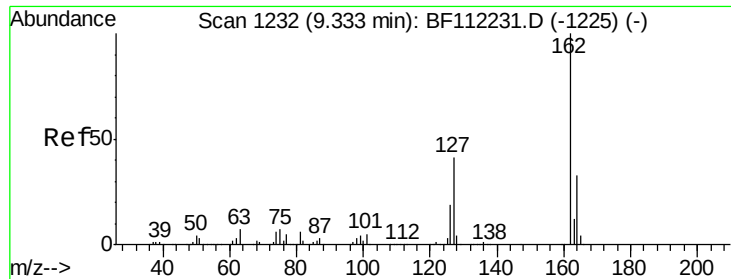
#46
1,1'-Biphenyl
Concen: 39.513 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:154 Resp: 861405
Ion Ratio Lower Upper
154 100
153 41.3 21.5 61.5
76 9.6 0.0 33.1



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

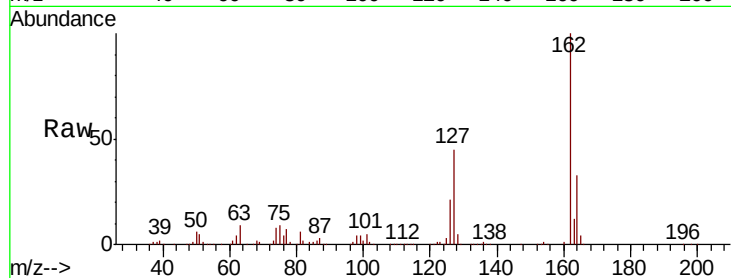




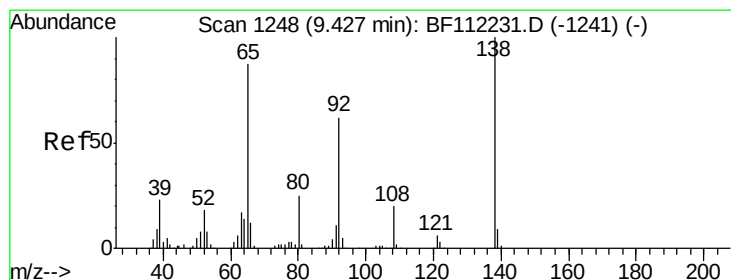
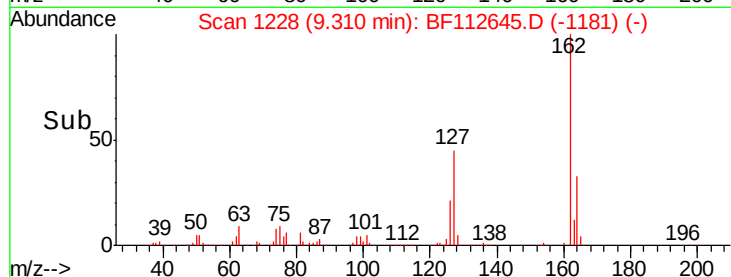
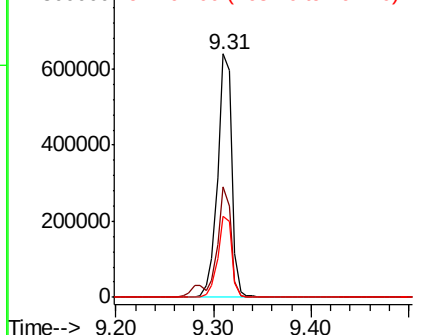
#47
 2-Chloronaphthalene
 Concen: 38.489 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	45.3	30.4	45.6
164	33.3	27.4	41.2

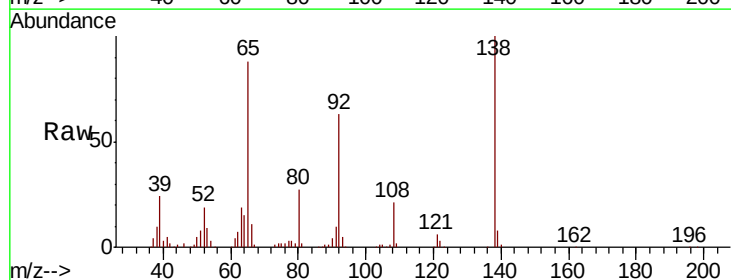


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

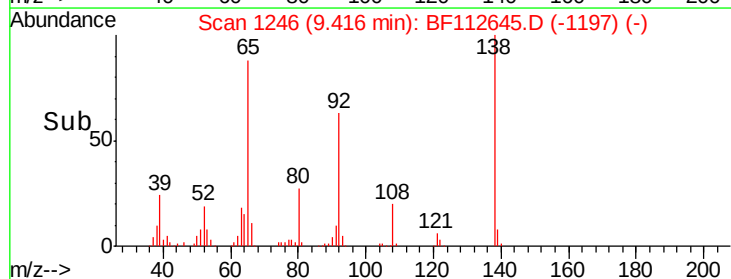
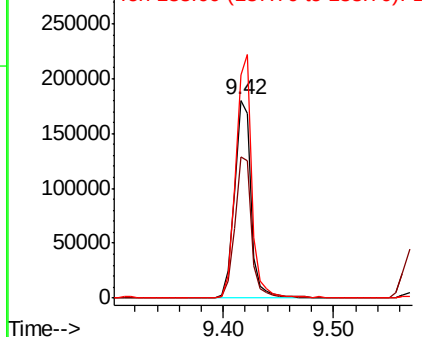


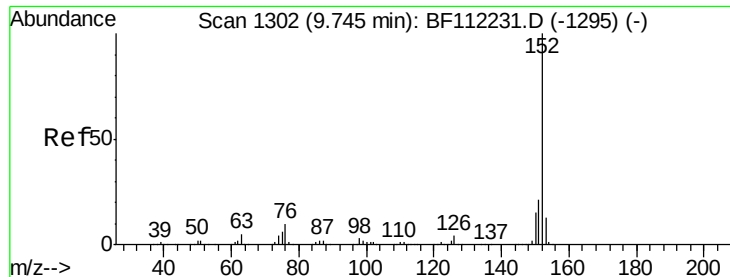
#48
 2-Nitroaniline
 Concen: 41.464 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	60.4	90.6
138	113.0	104.4	156.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.558 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampleId :

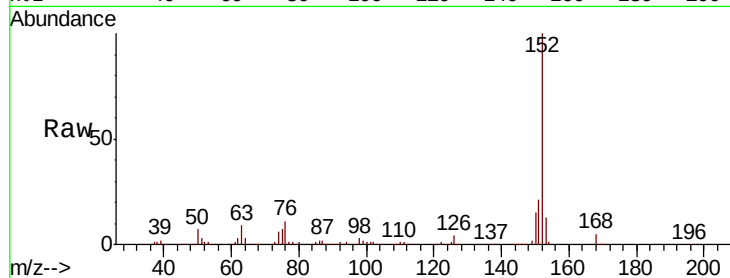
Tot Ion:152 Resp: 955408

Ion Ratio Lower Upper

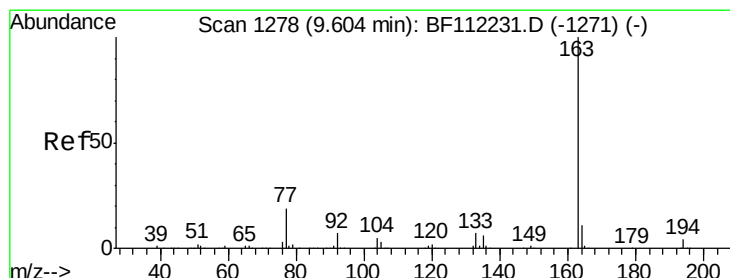
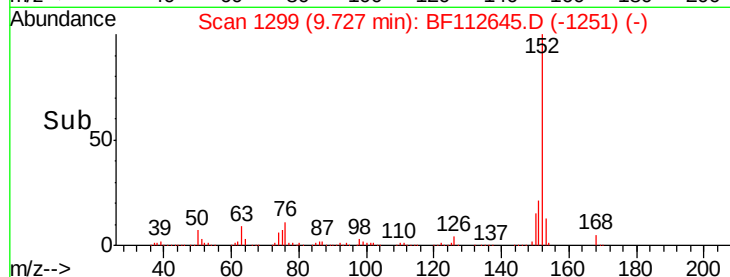
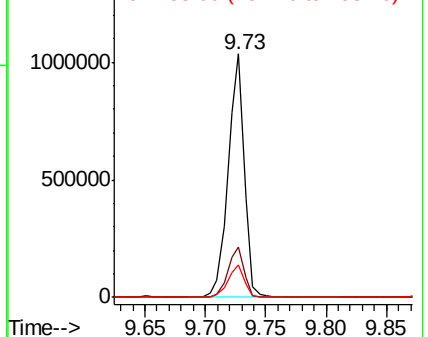
152 100

151 20.7 17.0 25.6

153 13.1 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.548 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

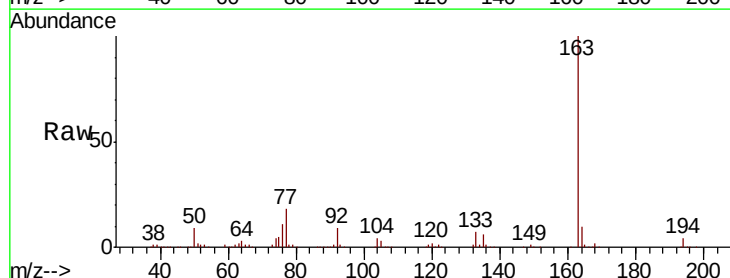
Tgt Ion:163 Resp: 766221

Ion Ratio Lower Upper

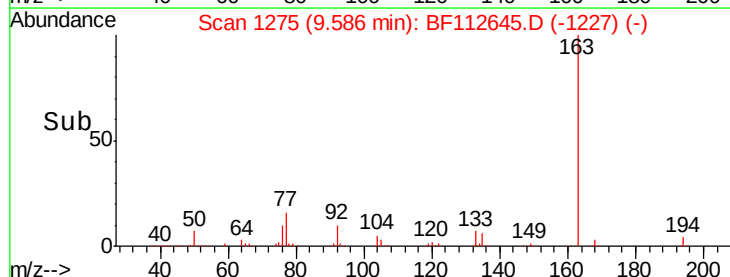
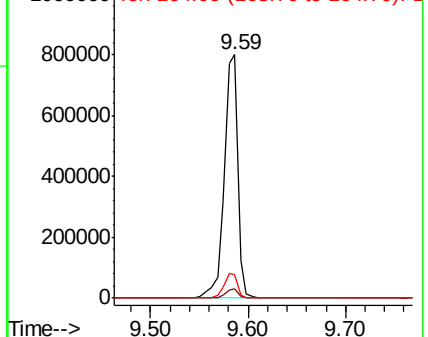
163 100

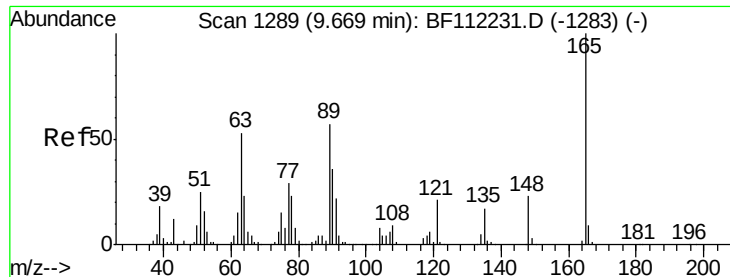
194 3.9 3.3 4.9

164 9.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.871 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampled :

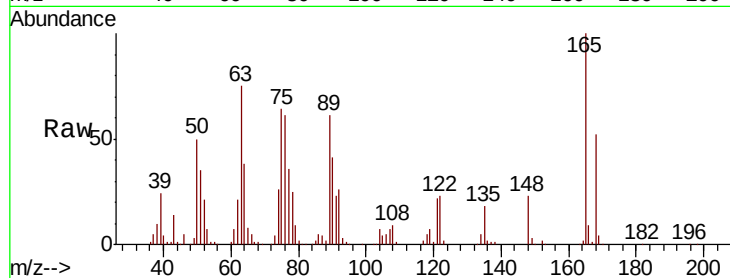
Tot Ion:165 Resp: 173006

Ion Ratio Lower Upper

165 100

63 75.1 33.8 50.8#

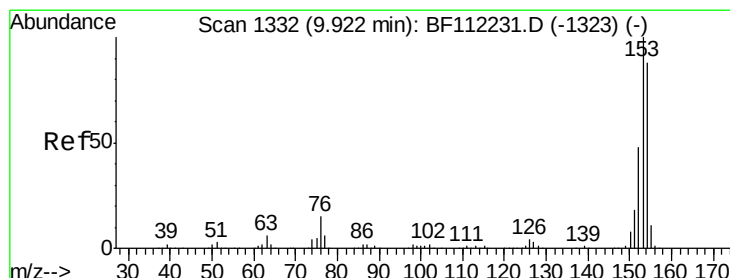
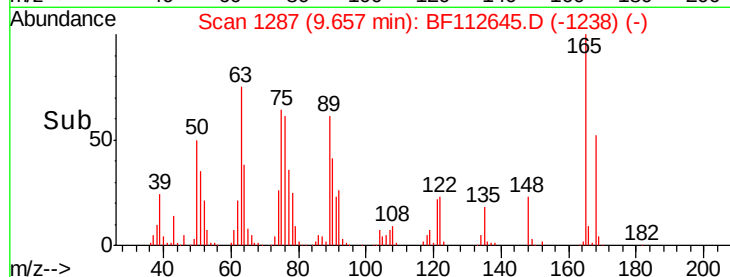
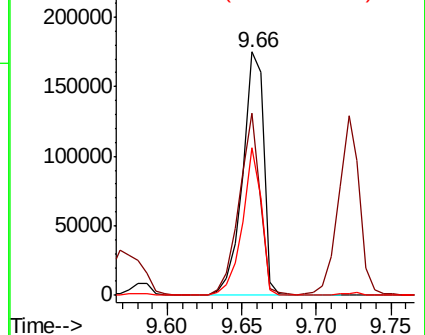
89 60.5 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.736 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

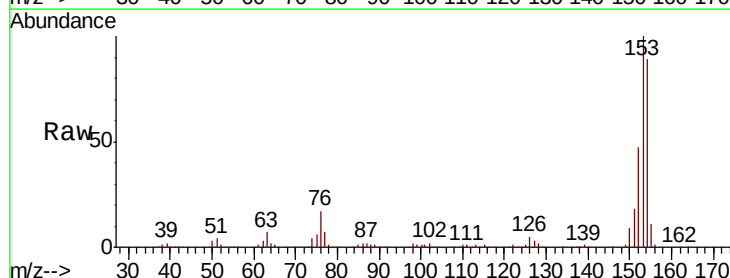
Tgt Ion:154 Resp: 588179

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.6

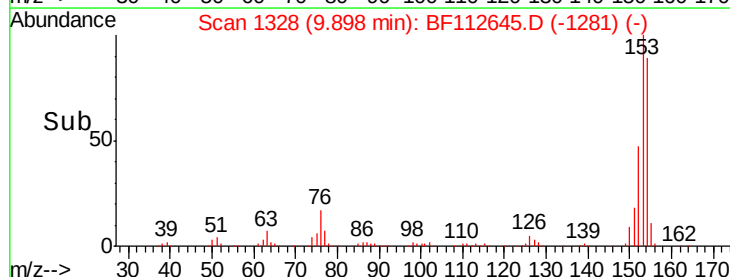
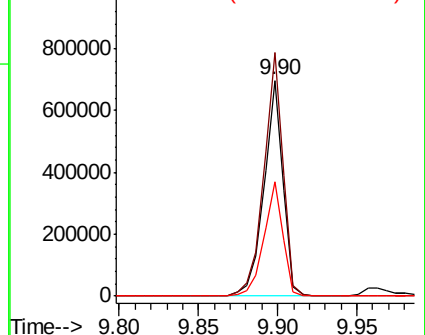
152 53.0 43.5 65.3

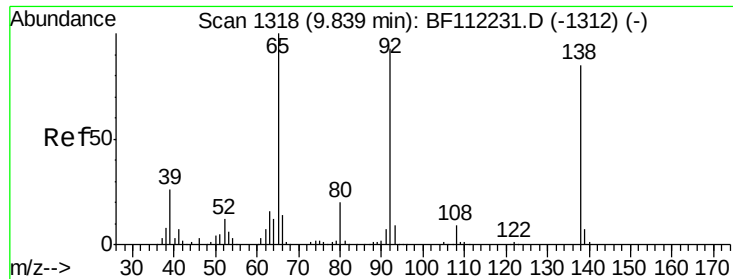


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

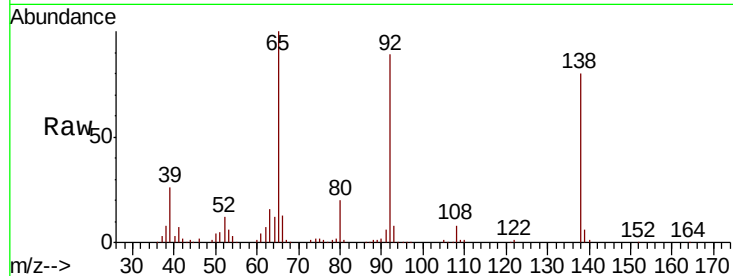




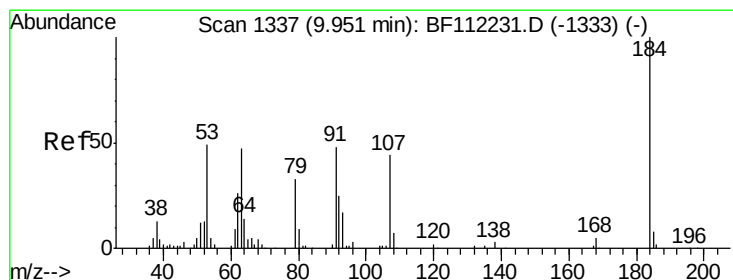
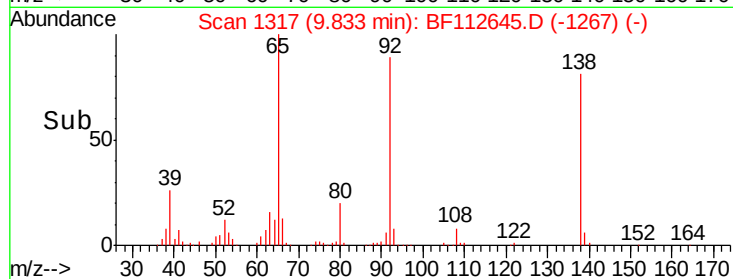
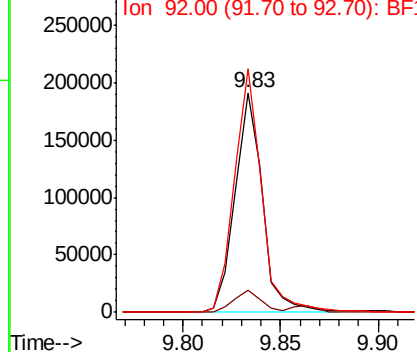
#53
3-Nitroaniline
Concen: 39.628 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 186290
Ion Ratio Lower Upper
138 100
108 10.1 9.8 14.6
92 110.8 79.4 119.2

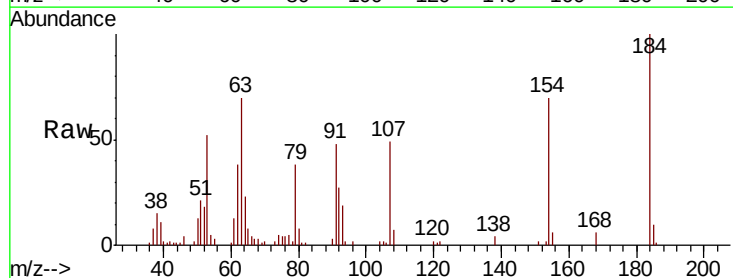


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

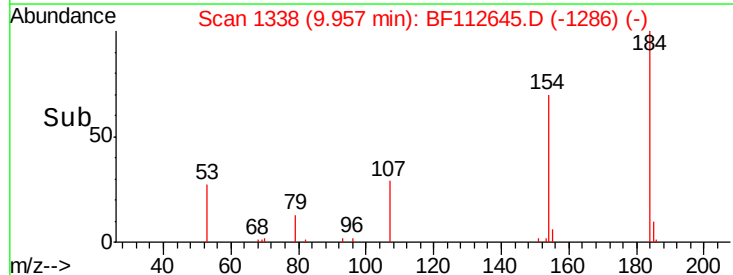
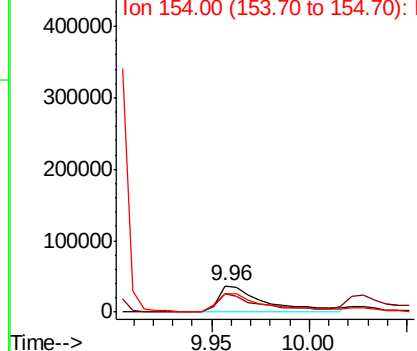


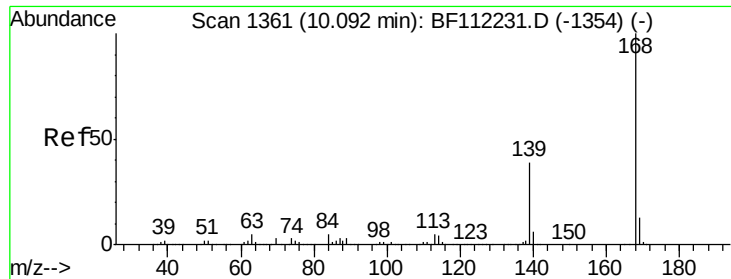
#54
2,4-Dinitrophenol
Concen: 43.991 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:184 Resp: 61260
Ion Ratio Lower Upper
184 100
63 69.5 47.1 70.7
154 70.5 48.9 73.3



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

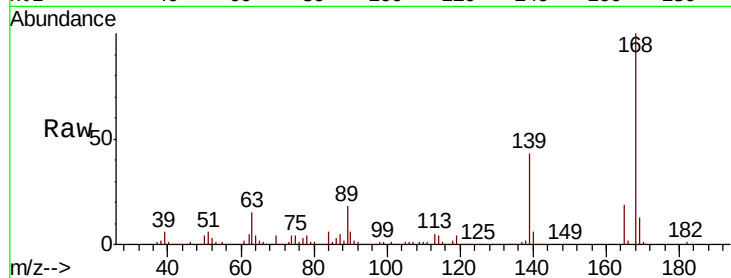




#55
Dibenzofuran
Concen: 39.298 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.3	29.2	43.8
169	13.5	11.4	17.0

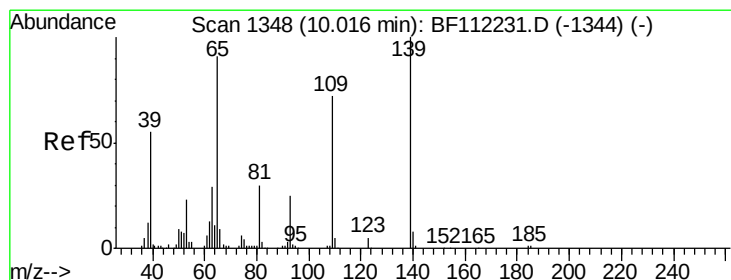
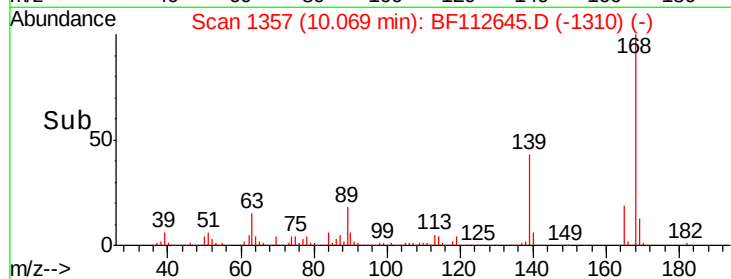
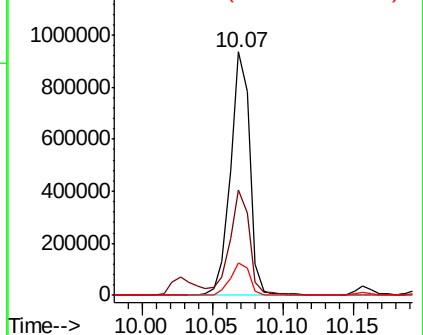


Abundance

Ion 168.00 (167.70 to 168.70): E

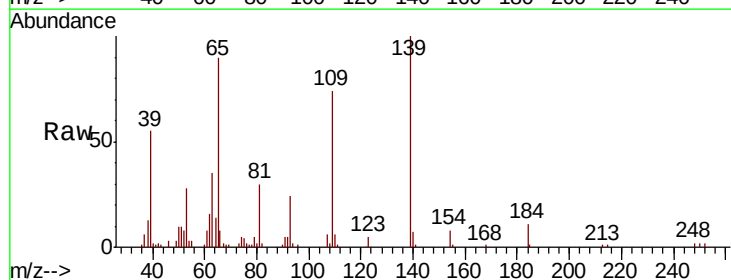
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 34.666 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.4	42.8	82.8
65	90.1	66.1	106.1

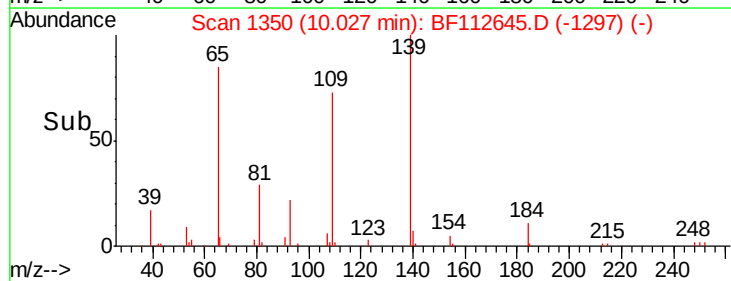
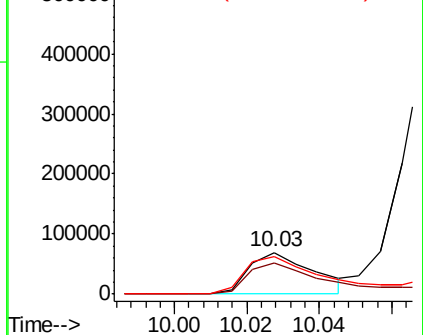


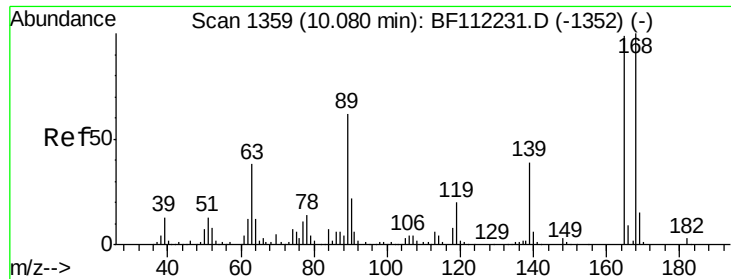
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

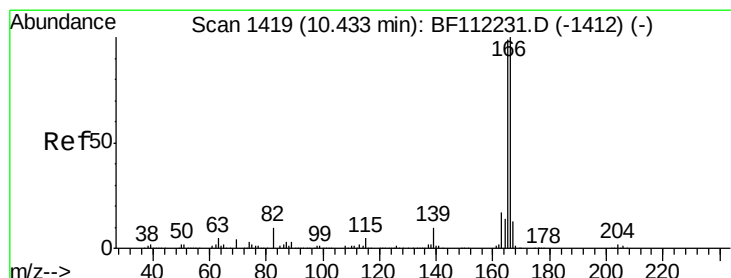
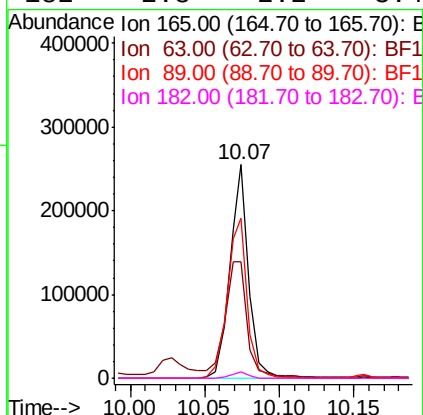
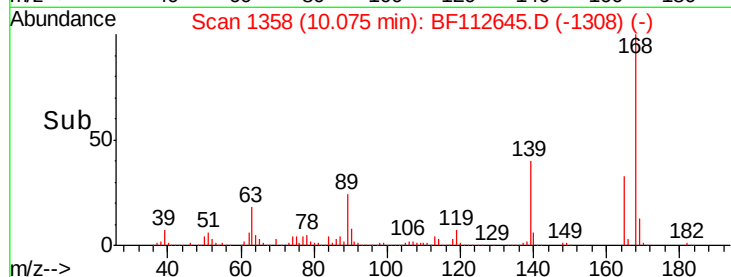
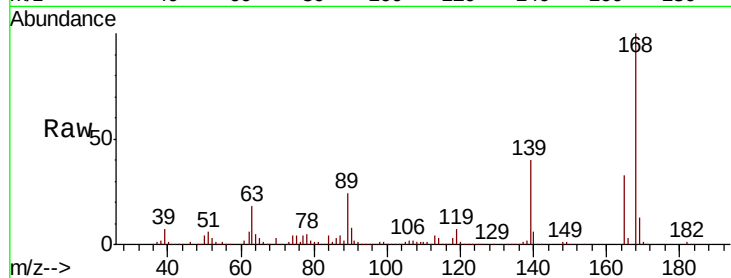




#57
2,4-Dinitrotoluene
Concen: 40.598 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

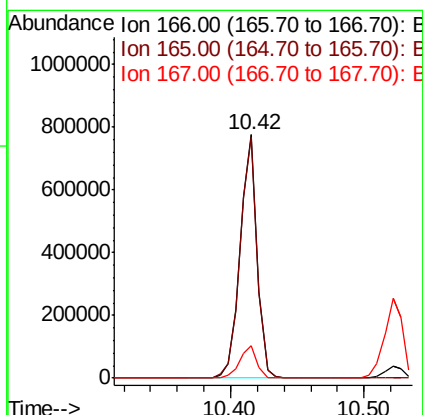
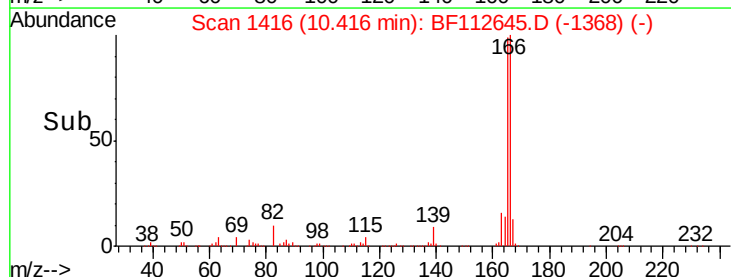
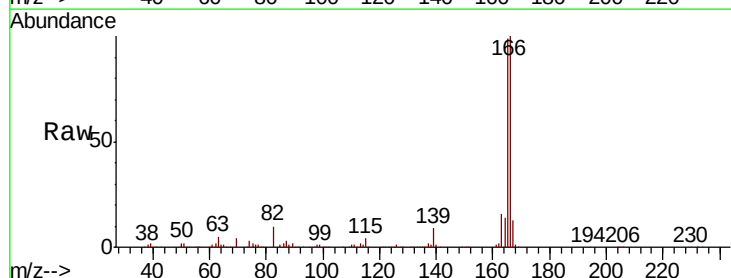
Instrument :
BNA_F
ClientSampleId :

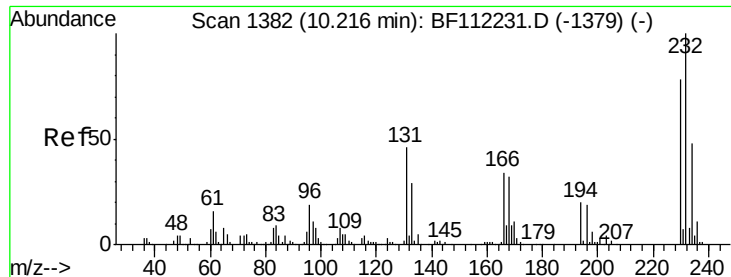
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.6	27.9	41.9#
89	74.8	47.9	71.9#
182	2.8	2.2	3.4



#58
Fluorene
Concen: 40.525 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.1	115.7
167	13.1	11.3	16.9

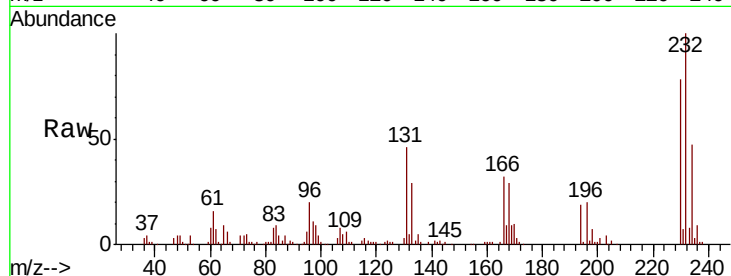




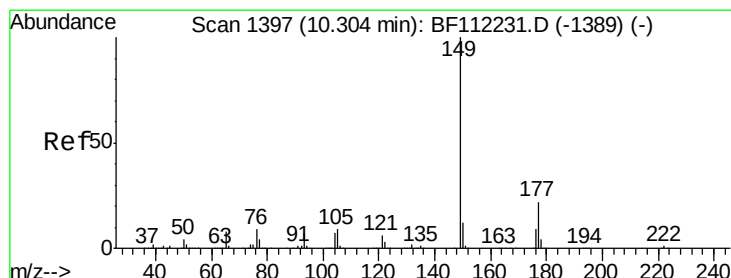
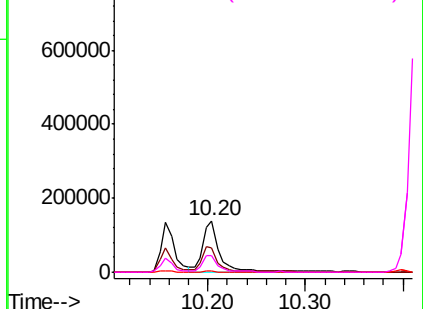
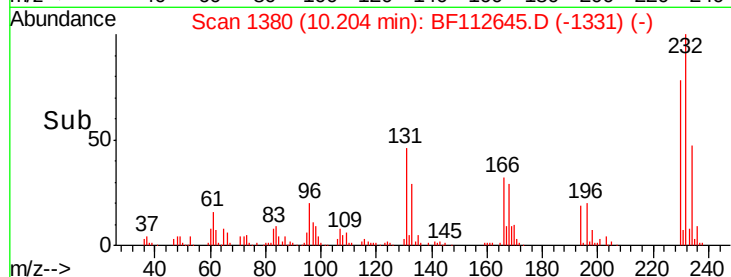
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.546 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	33.9	50.9
130	2.6	1.8	2.6
166	30.6	23.6	35.4

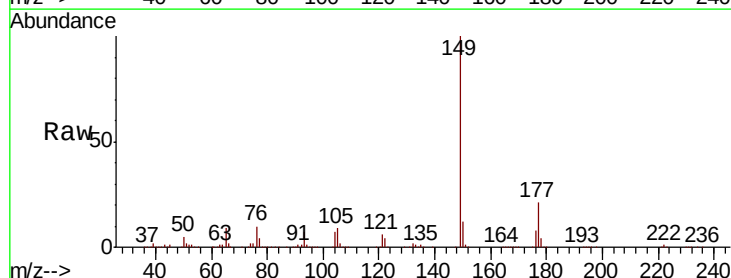


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

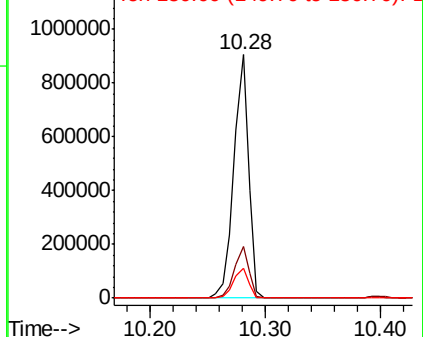
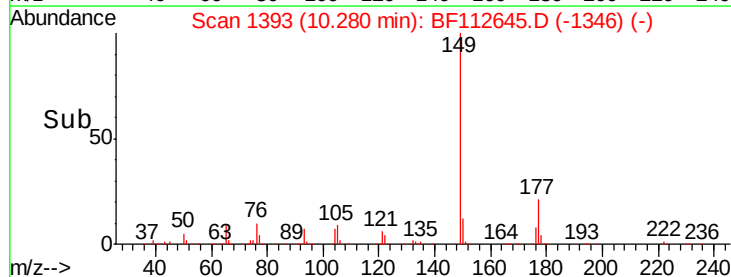


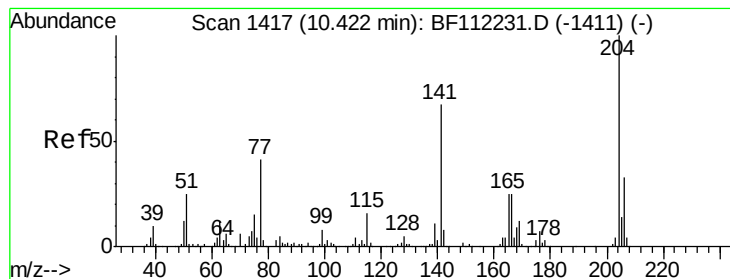
#60
Diethylphthalate
Concen: 41.876 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	18.2	27.2
150	12.5	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: 40.537 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampleId :

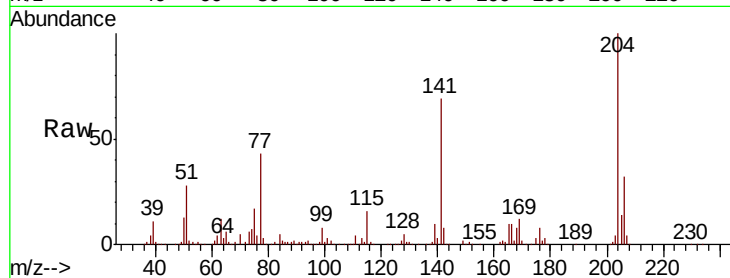
Tot Ion:204 Resp: 373256

Ion Ratio Lower Upper

204 100

206 32.0 26.5 39.7

141 69.0 45.9 68.9#

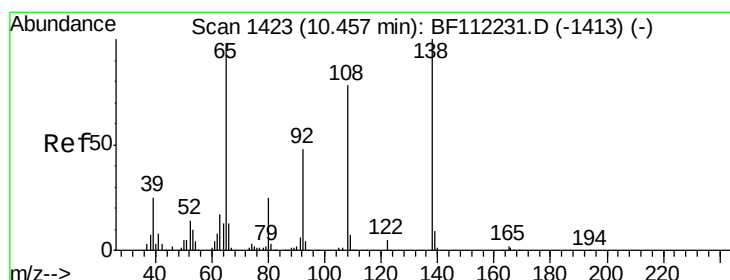
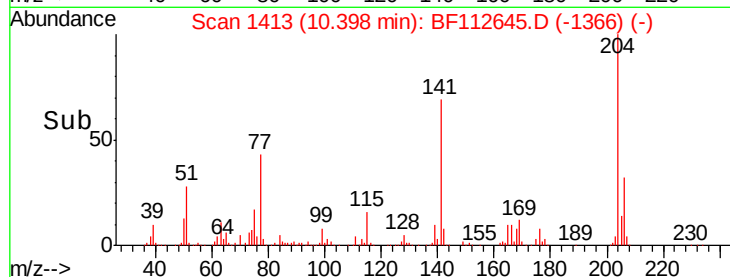
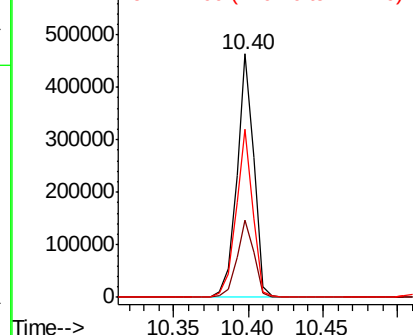


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 37.439 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

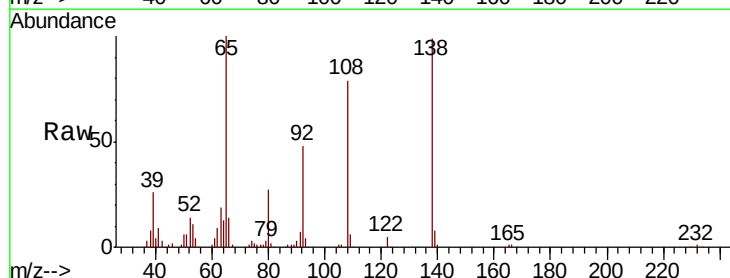
Tgt Ion:138 Resp: 172632

Ion Ratio Lower Upper

138 100

92 48.7 30.6 70.6

108 80.2 50.0 90.0

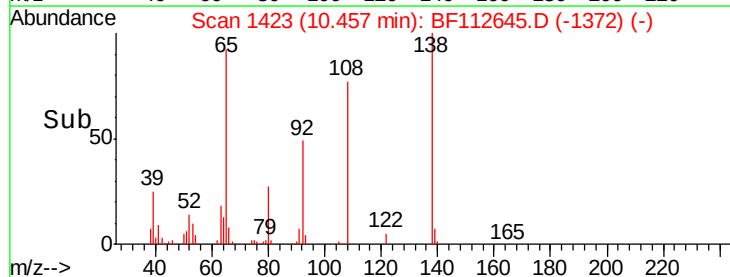
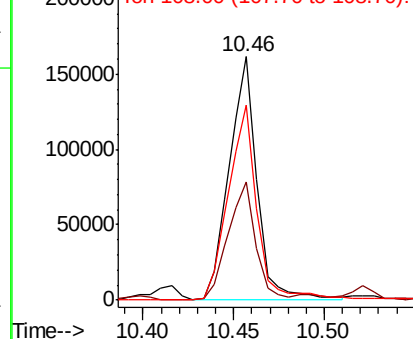


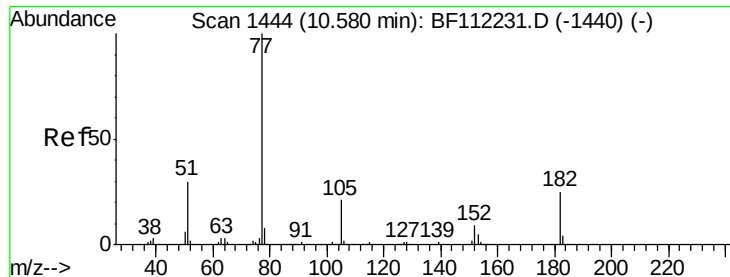
Abundance

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: 42.415 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 717227

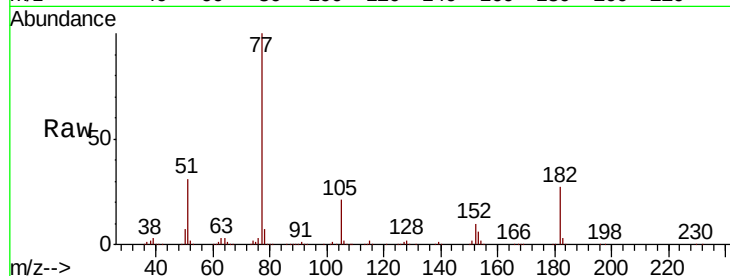
Ion Ratio Lower Upper

77 100

182 26.6 5.7 45.7

105 21.3 1.4 41.4

51 30.6 9.5 49.5

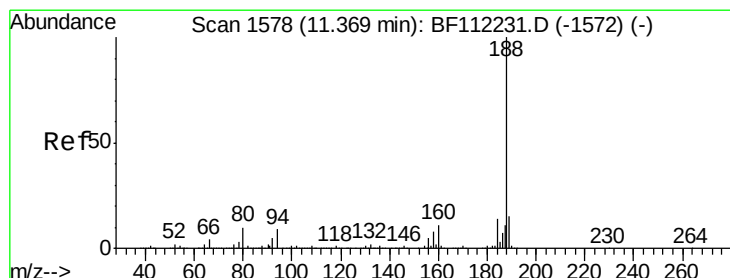
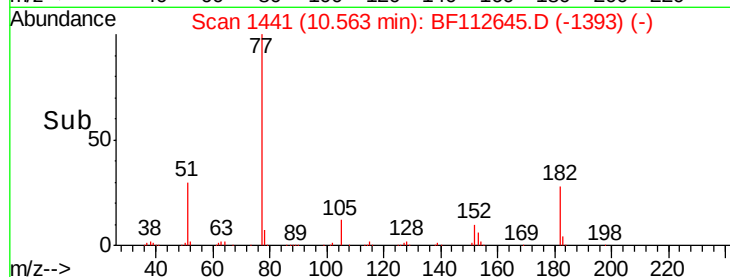
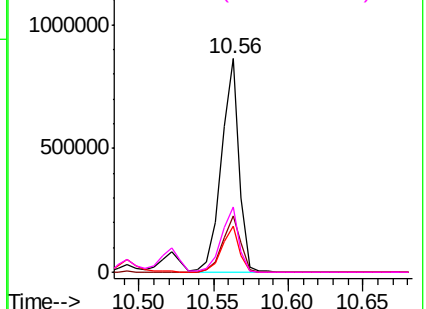


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

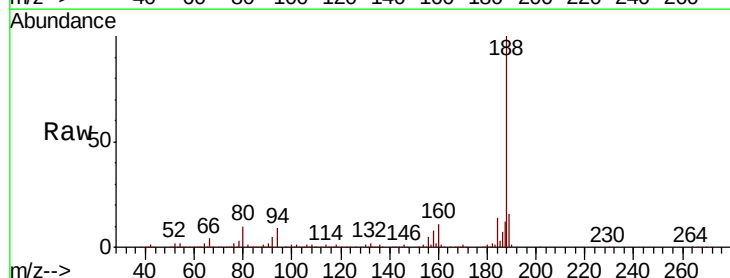
Tgt Ion: 188 Resp: 479661

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

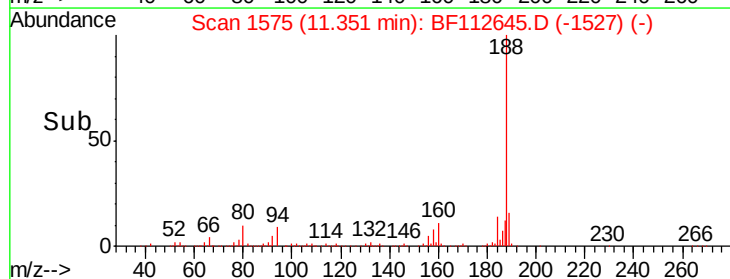
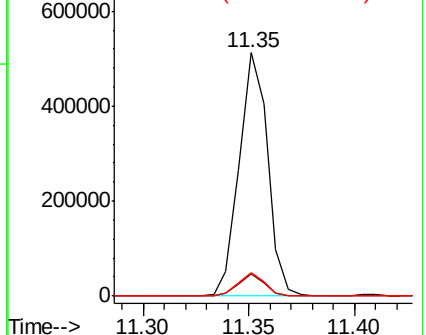
80 9.5 8.9 13.3

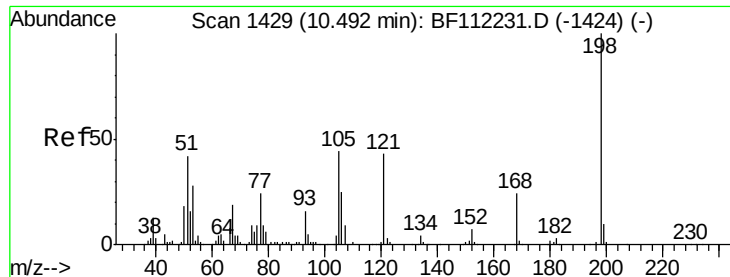


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

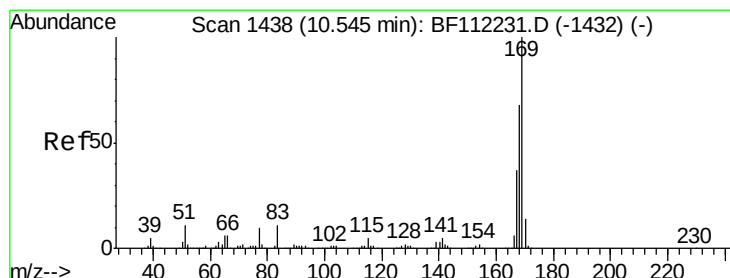
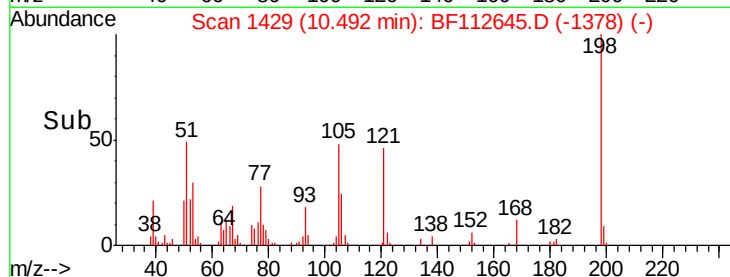
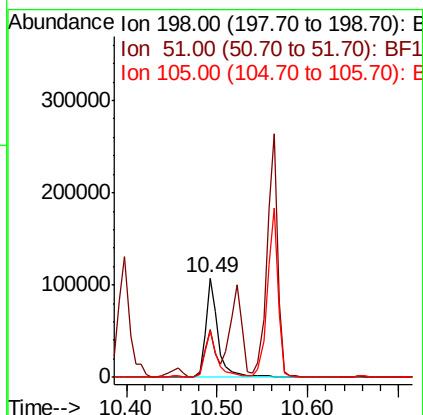
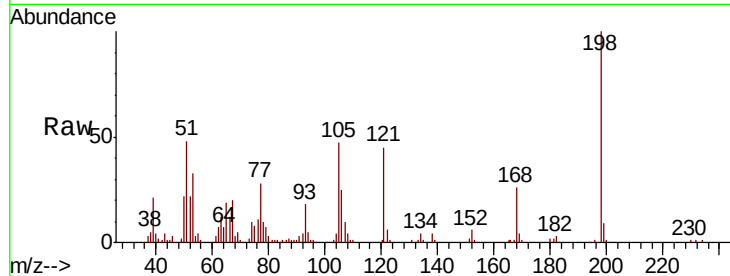




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.739 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

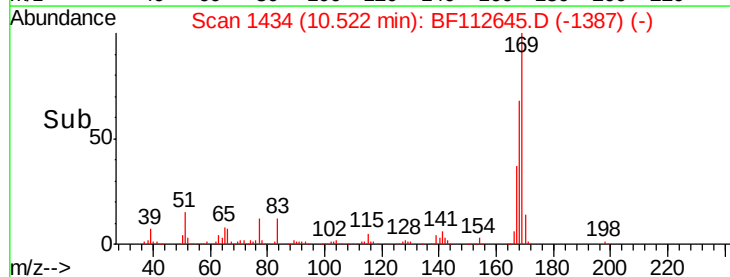
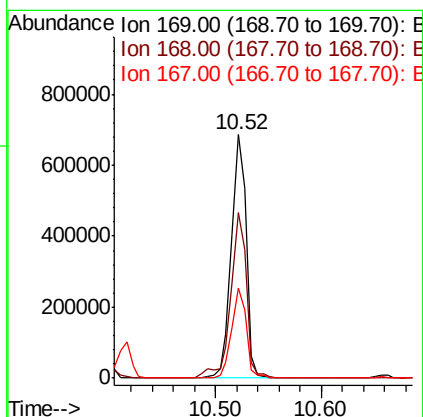
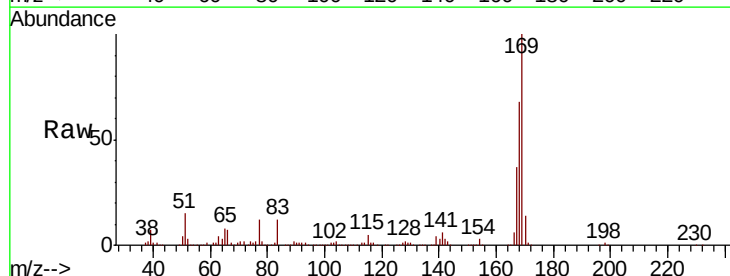
Instrument :
 BNA_F
 ClientSampleId :

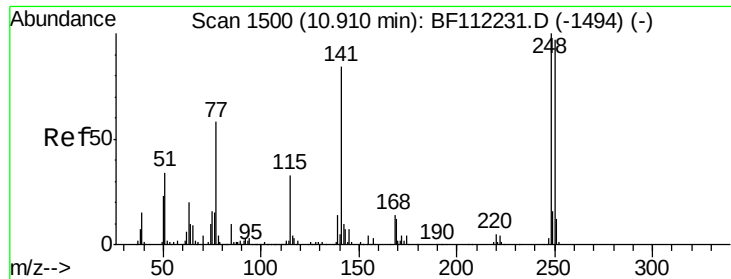
Tot Ion	198	Resp	104181
Ion Ratio	100	Lower	Upper
51	48.0	17.2	57.2
105	46.8	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 40.971 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.02 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Tgt Ion	169	Resp	662327
Ion Ratio	100	Lower	Upper
168	67.8	53.9	80.9
167	37.2	28.9	43.3

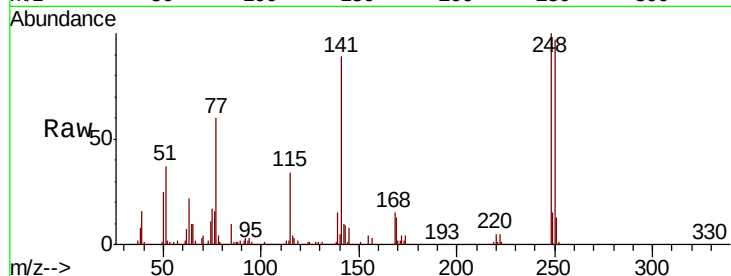




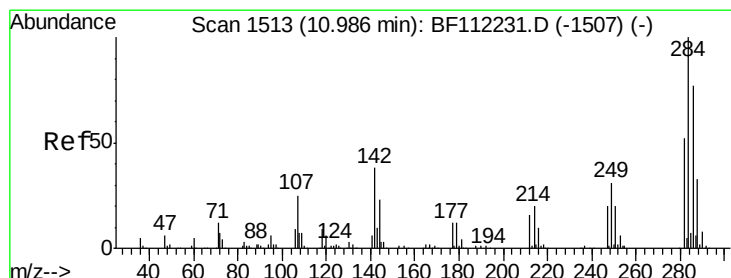
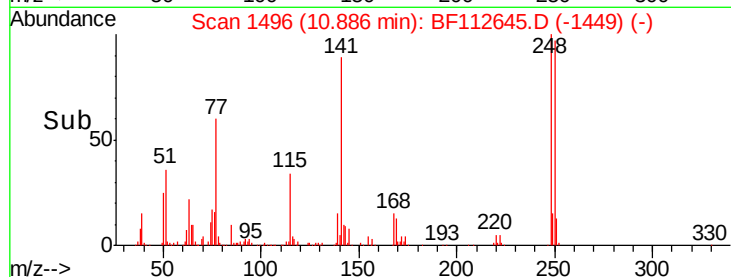
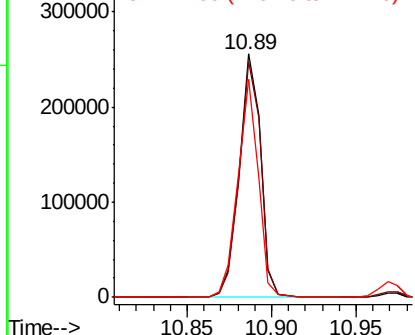
#67
4-Bromophenyl-phenylether
Concen: 39.835 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 224730
Ion Ratio Lower Upper
248 100
250 97.1 79.7 119.5
141 89.5 60.3 90.5

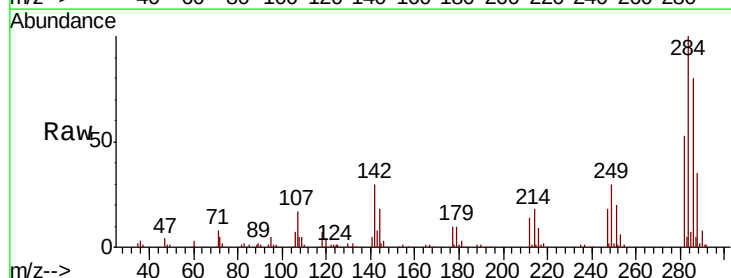


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

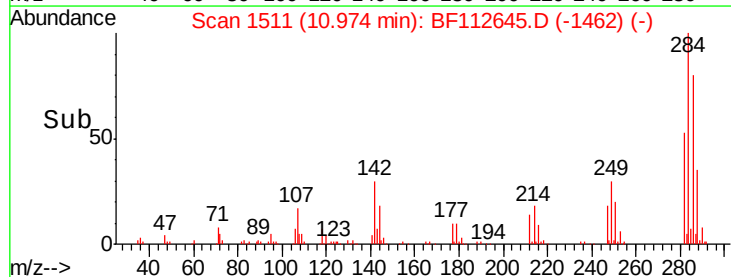
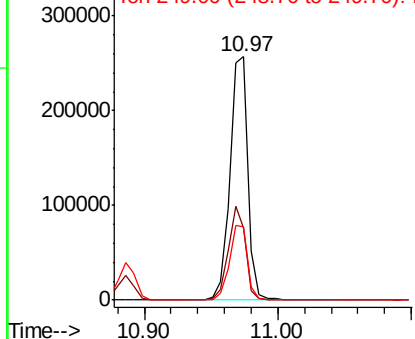


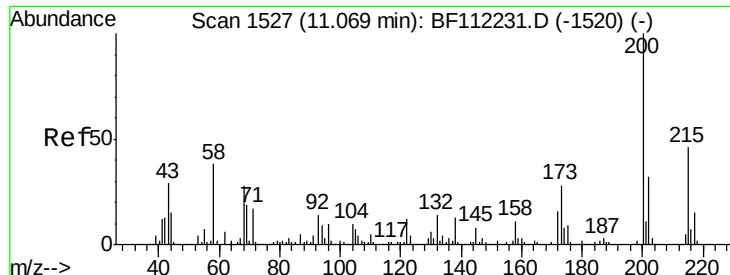
#68
Hexachlorobenzene
Concen: 40.309 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:284 Resp: 243976
Ion Ratio Lower Upper
284 100
142 29.7 27.6 41.4
249 30.3 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

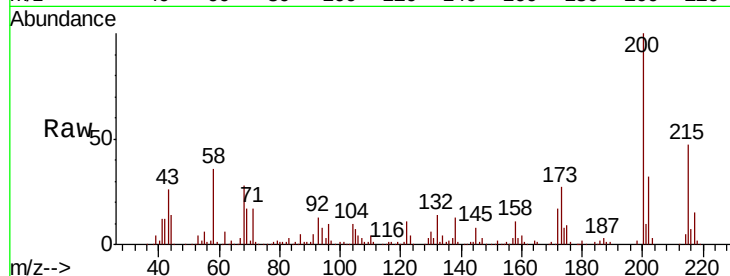




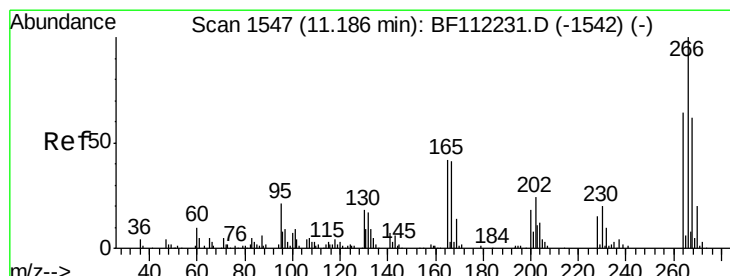
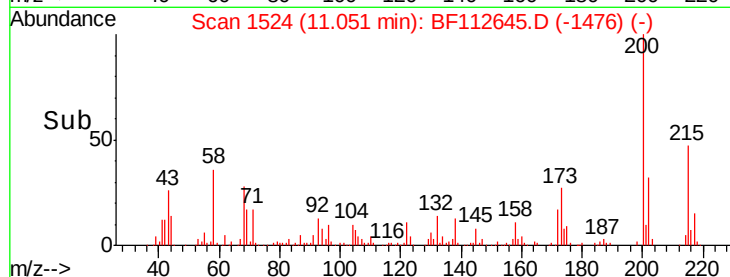
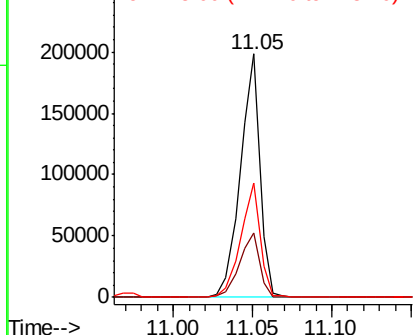
#69
Atrazine
Concen: 32.550 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 169788
Ion Ratio Lower Upper
200 100
173 26.6 7.1 47.1
215 47.0 30.4 70.4

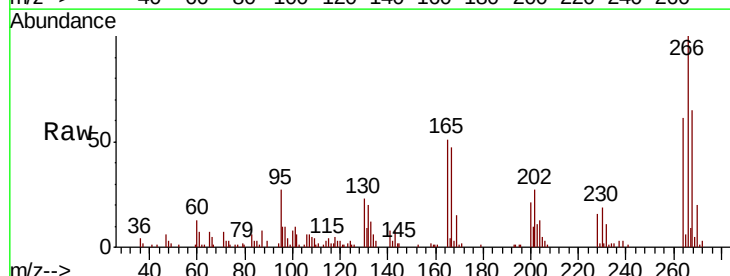


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

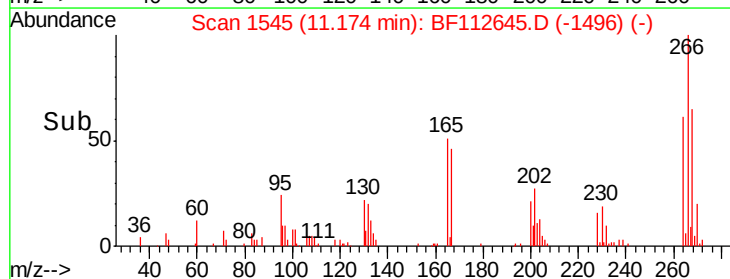
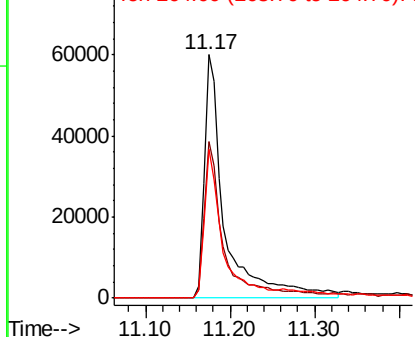


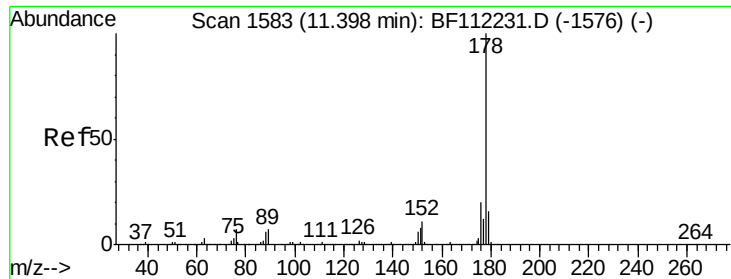
#70
Pentachlorophenol
Concen: 42.883 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:266 Resp: 100995
Ion Ratio Lower Upper
266 100
268 64.5 51.2 76.8
264 61.2 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: 39.676 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampleId :

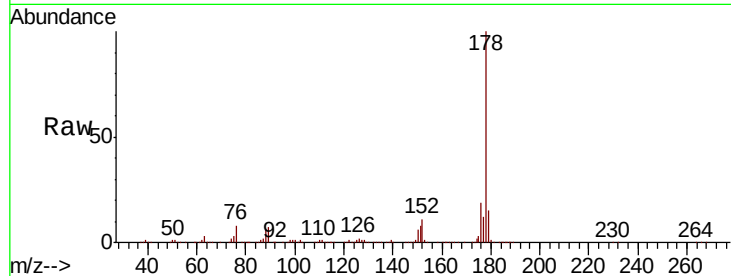
Tot Ion:178 Resp: 989397

Ion Ratio Lower Upper

178 100

176 19.1 16.3 24.5

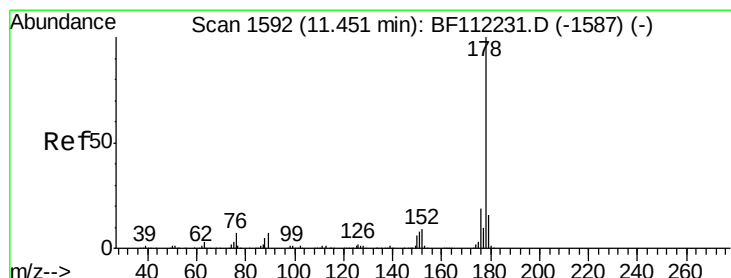
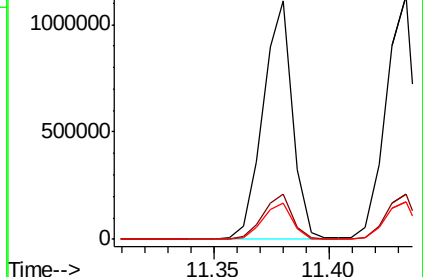
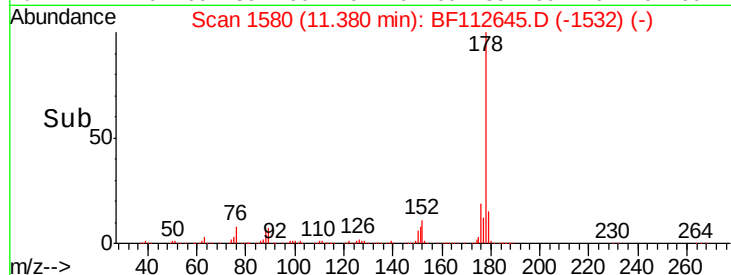
179 15.2 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.497 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

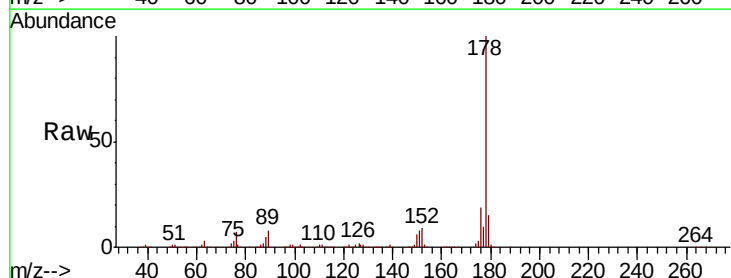
Tgt Ion:178 Resp: 1005953

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

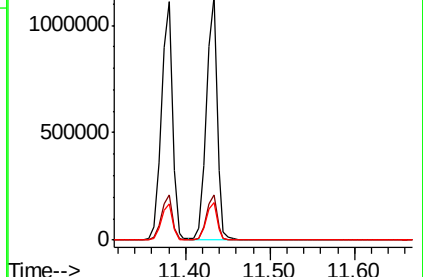
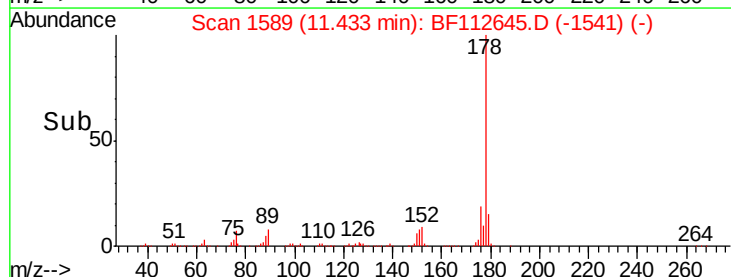
179 15.4 12.8 19.2

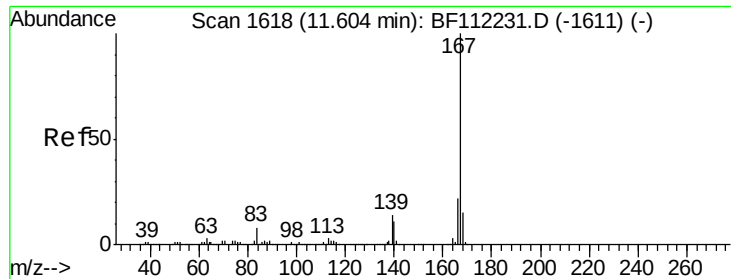


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

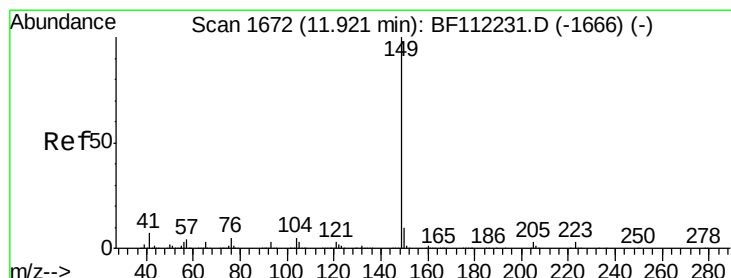
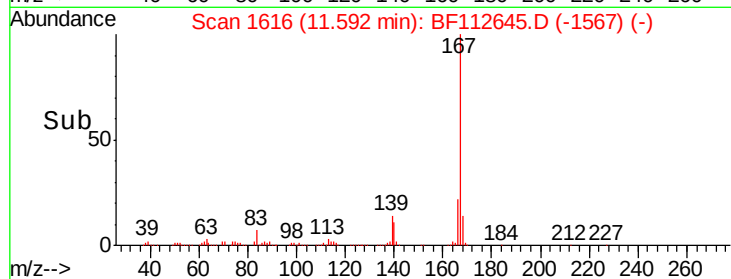
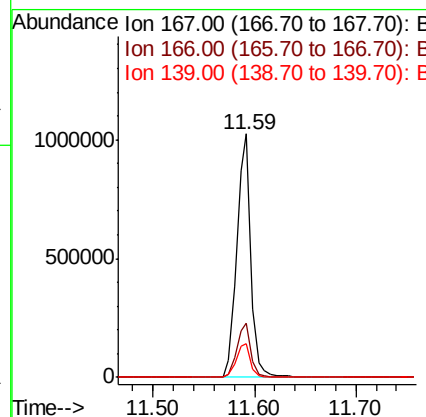
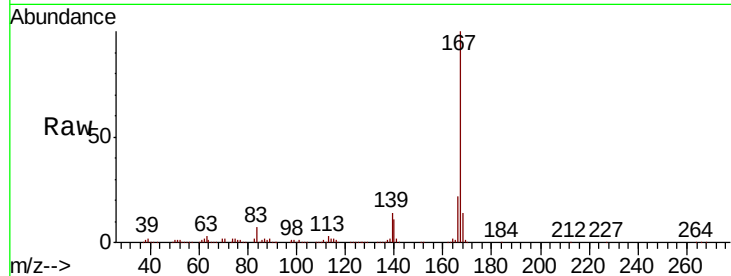




#73
 Carbazole
 Concen: 40.080 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

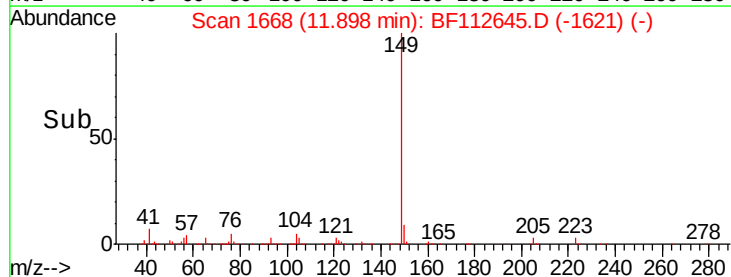
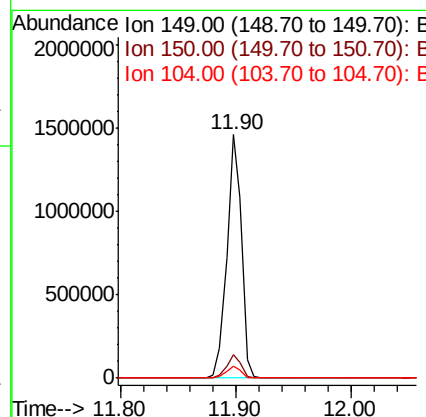
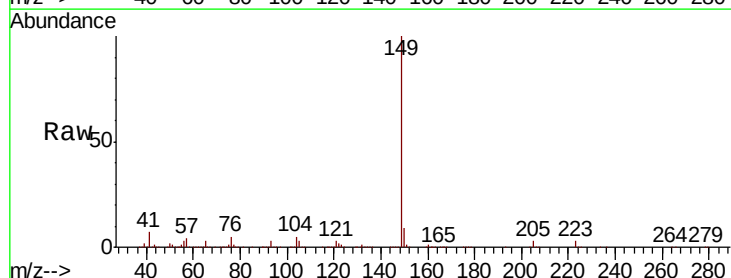
Instrument :
 BNA_F
 ClientSampleId :

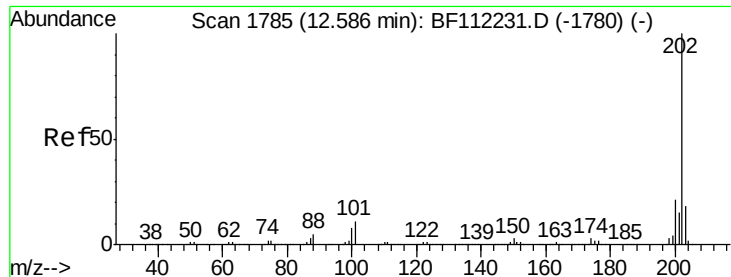
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.7	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 41.794 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	5.1	3.9	5.9

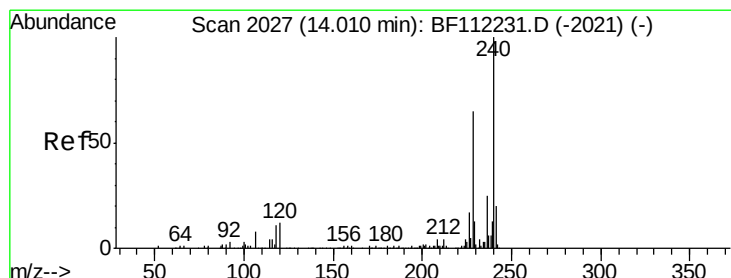
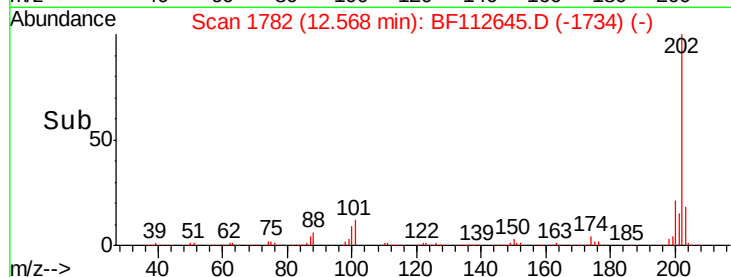
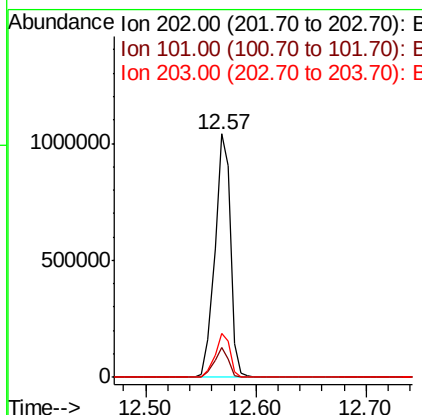
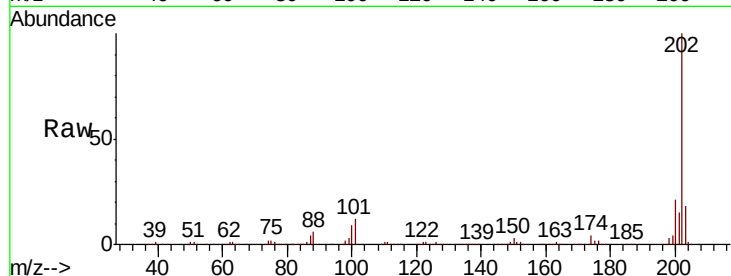




#75
Fluoranthene
Concen: 37.744 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

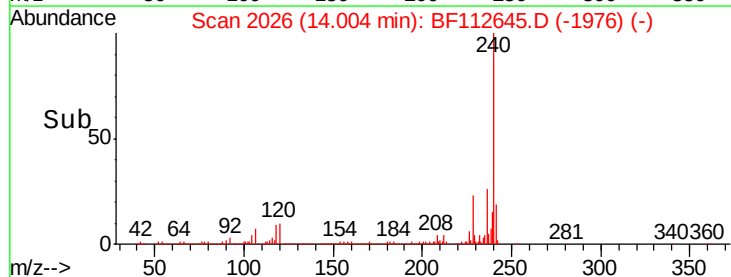
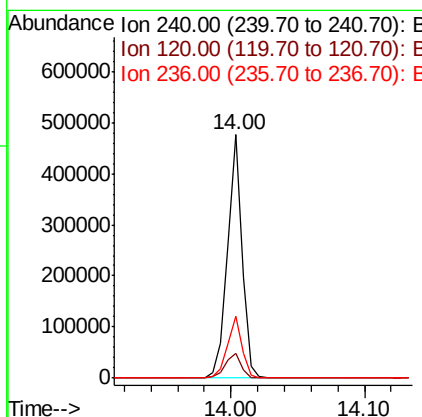
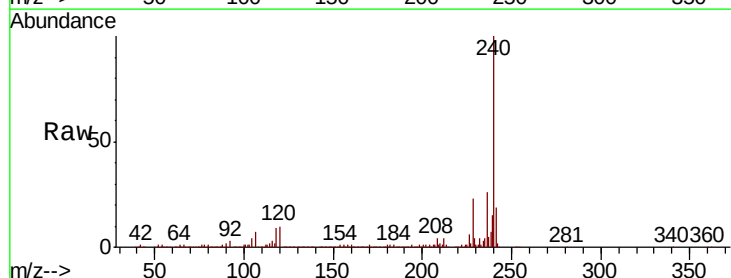
Instrument :
BNA_F
ClientSampled :

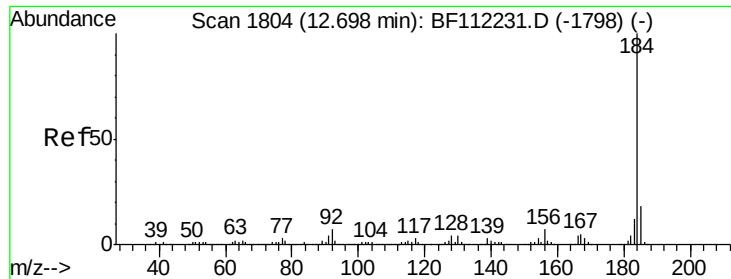
Tot Ion:202 Resp: 1009499
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.8
203 18.0 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:240 Resp: 370818
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 25.6 20.7 31.1





#77

Benzidine

Concen: 39.107 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

Instrument :

BNA_F

ClientSampled :

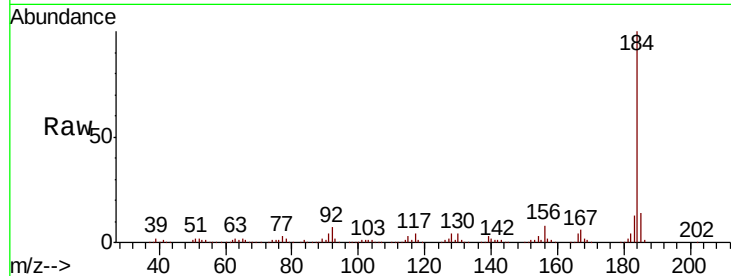
Tot Ion:184 Resp: 399130

Ion Ratio Lower Upper

184 100

185 14.3 13.9 20.9

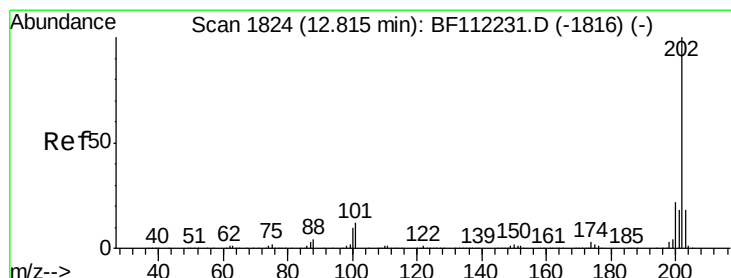
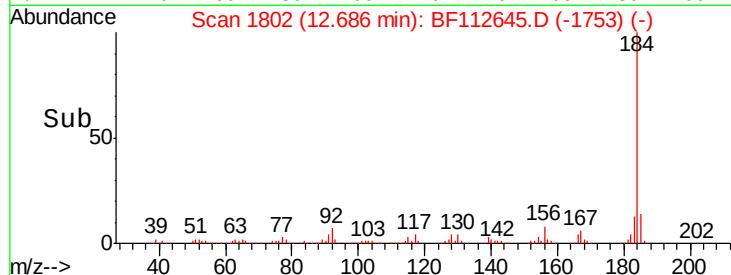
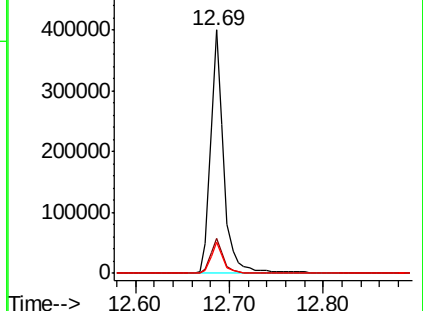
183 12.6 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.333 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112645.D

Acq: 21 Feb 2019 11:49

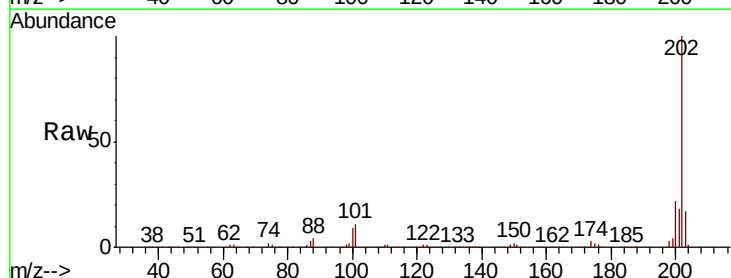
Tgt Ion:202 Resp: 1035470

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

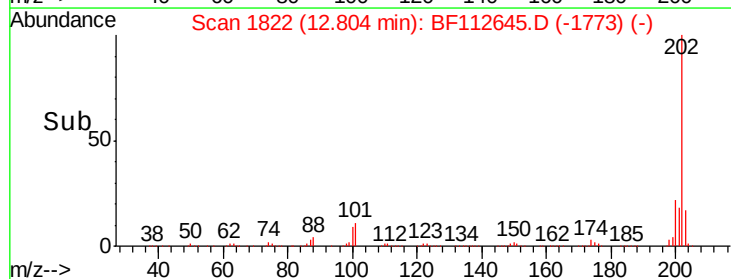
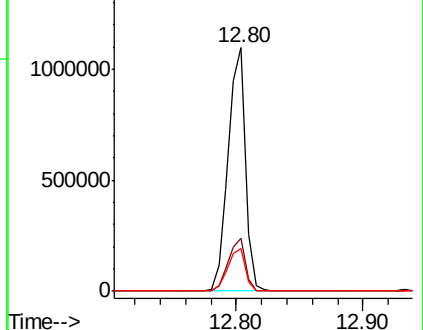
203 17.5 14.6 22.0

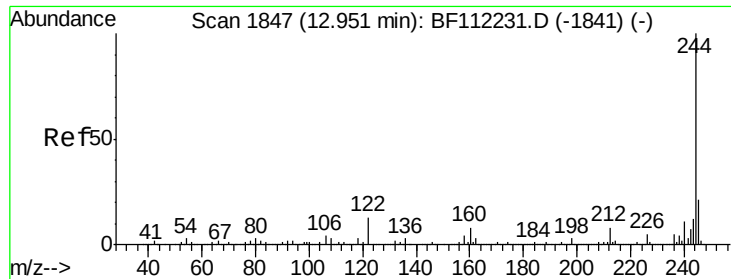


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

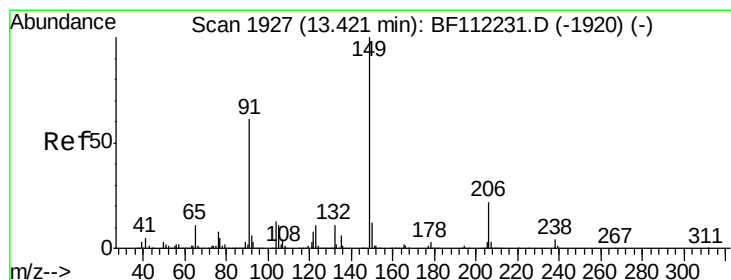
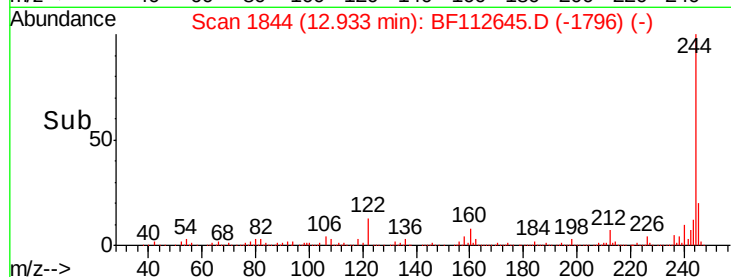
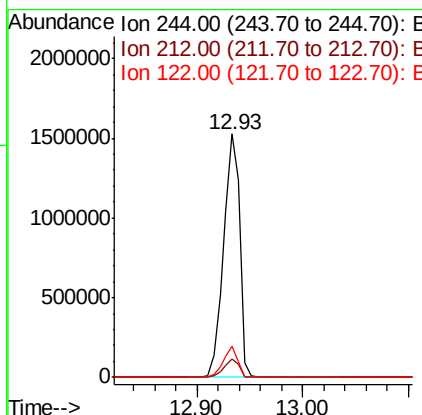
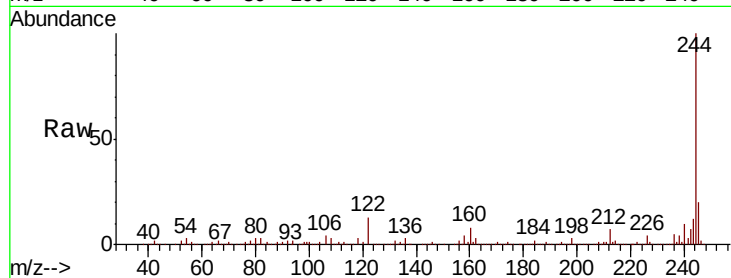




#79
 Terphenyl-d14
 Concen: 82.334 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

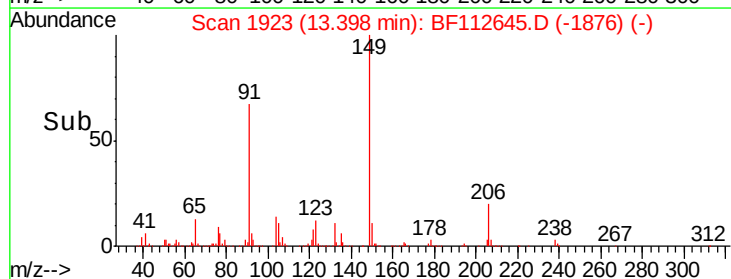
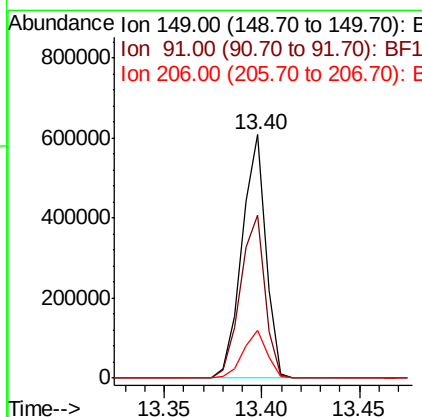
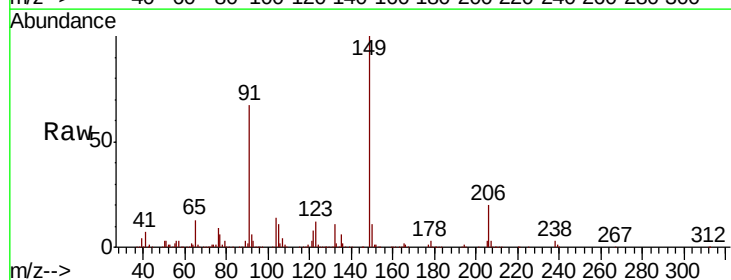
Instrument :
 BNA_F
 ClientSampleId :

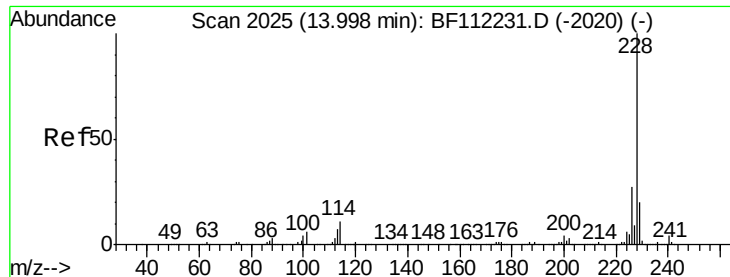
Tot Ion:244 Resp: 1621009
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 12.7 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 41.592 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Tgt Ion:149 Resp: 516624
 Ion Ratio Lower Upper
 149 100
 91 67.1 50.3 75.5
 206 19.8 18.2 27.4

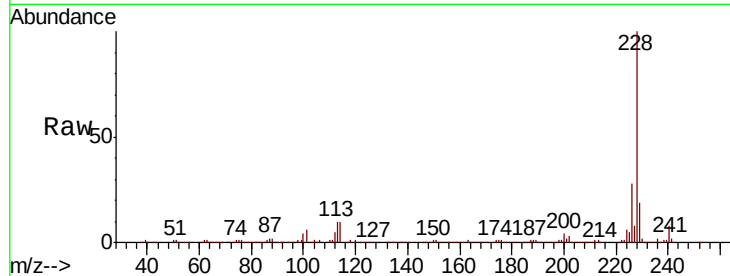




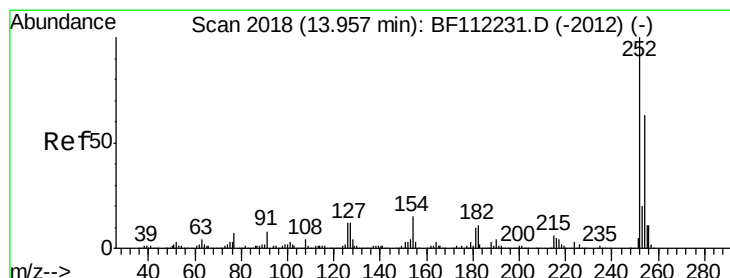
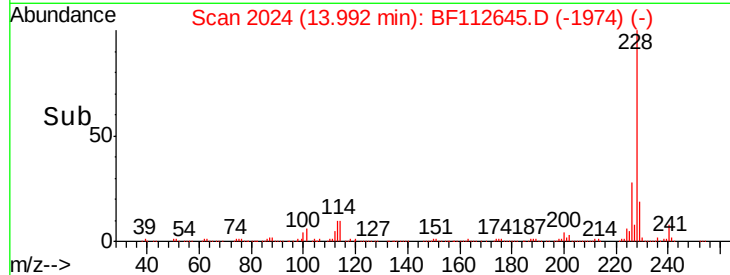
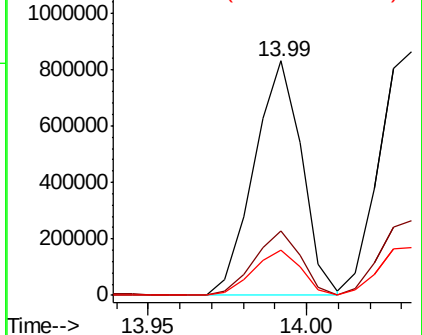
#81
Benzo(a)anthracene
Concen: 39.746 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 866406
Ion Ratio Lower Upper
228 100
226 27.5 22.6 34.0
229 19.5 16.5 24.7

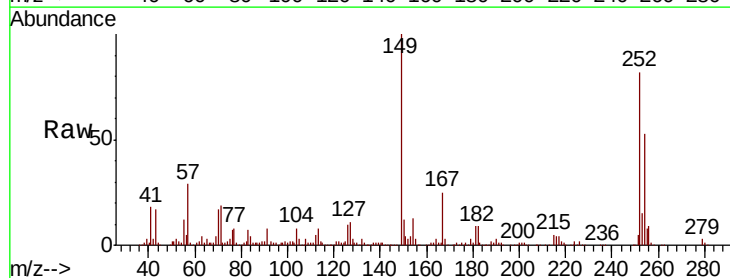


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

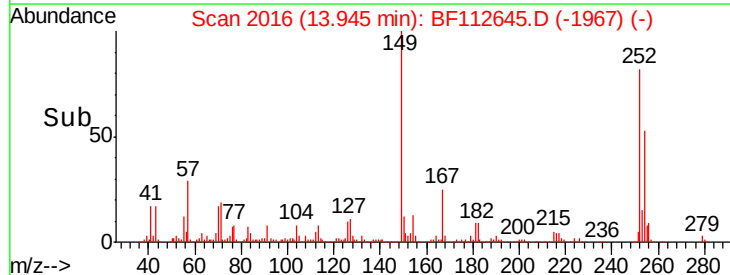
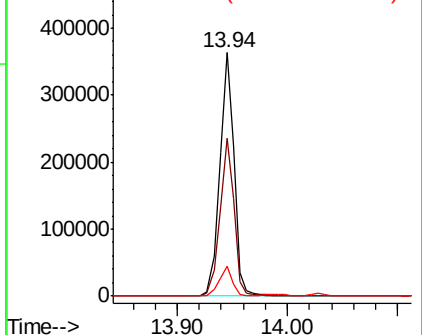


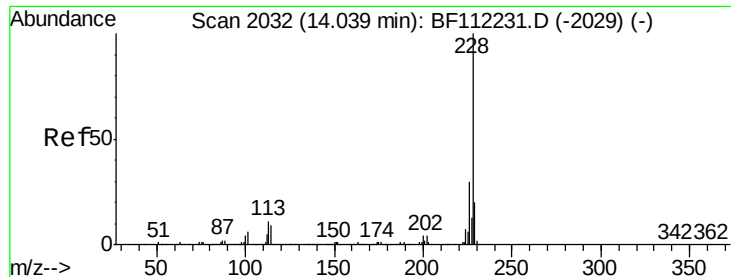
#82
3,3'-Dichlorobenzidine
Concen: 40.065 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:252 Resp: 326852
Ion Ratio Lower Upper
252 100
254 64.8 51.6 77.4
126 12.4 8.6 12.8



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

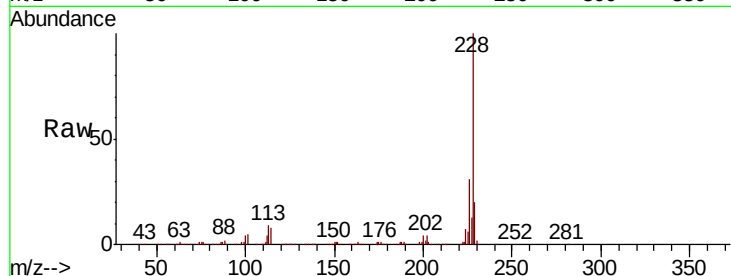




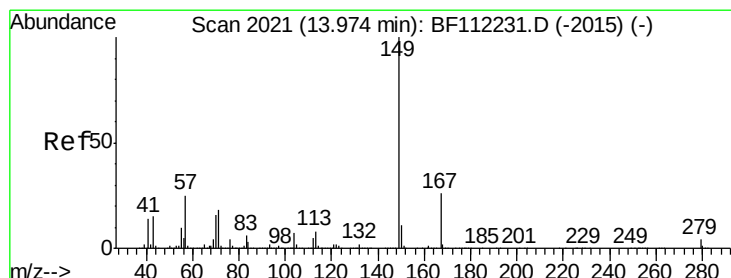
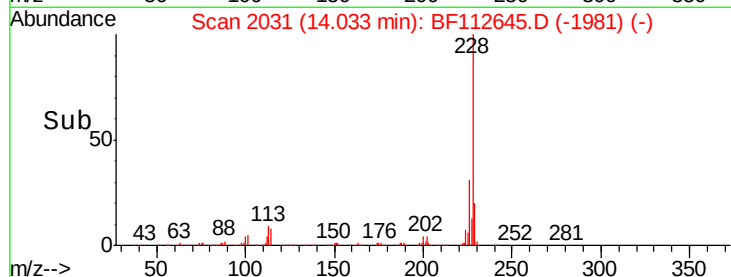
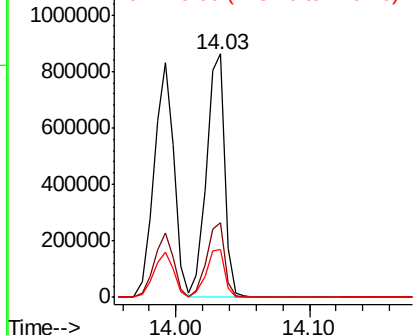
#83
 Chrvsene
 Concen: 39.455 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 820976
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.6 16.6 24.8

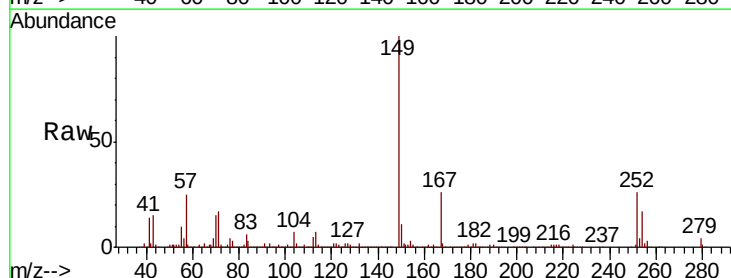


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

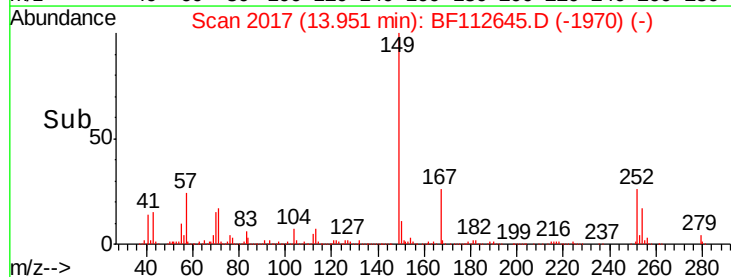
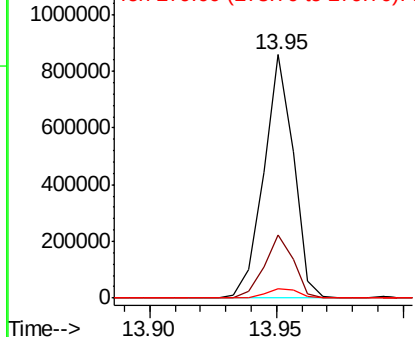


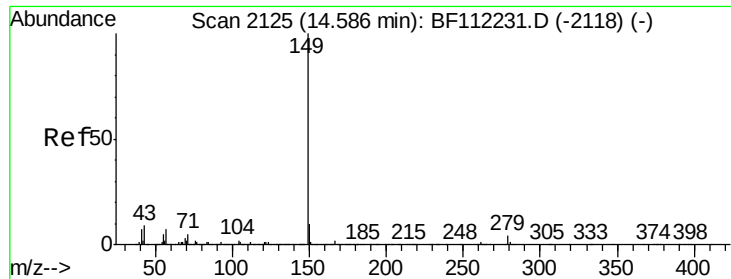
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.915 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF112645.D
 Acq: 21 Feb 2019 11:49

Tgt Ion:149 Resp: 703769
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.5 33.7
 279 3.6 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

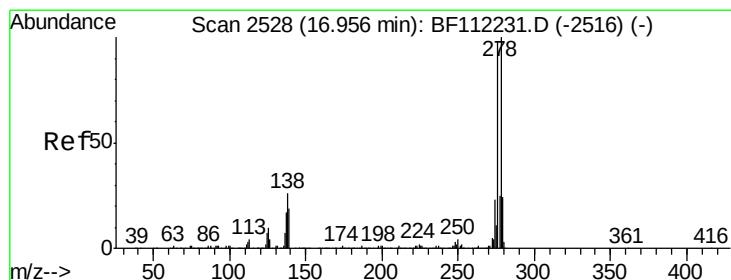
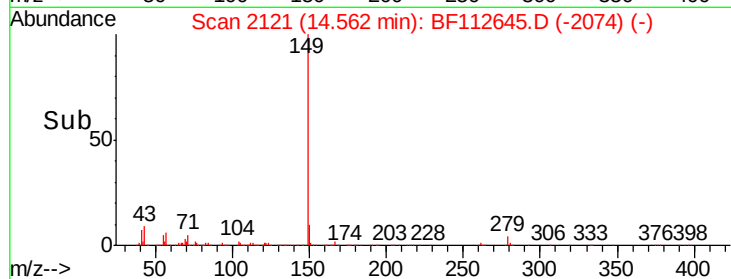
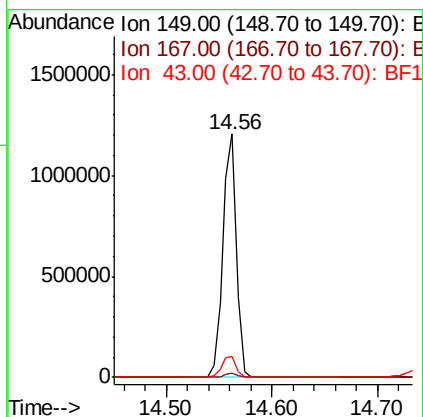
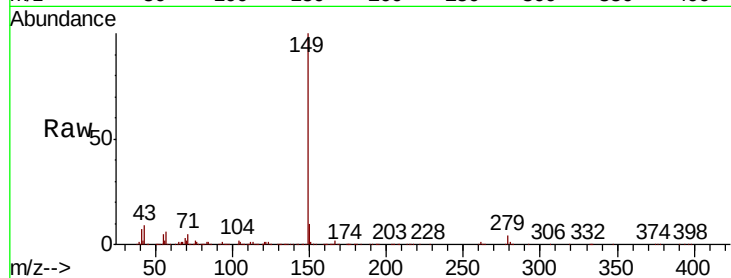




#85
Di-n-octyl phthalate
Concen: 39.938 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

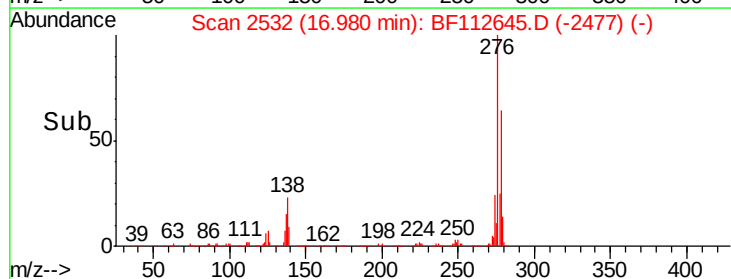
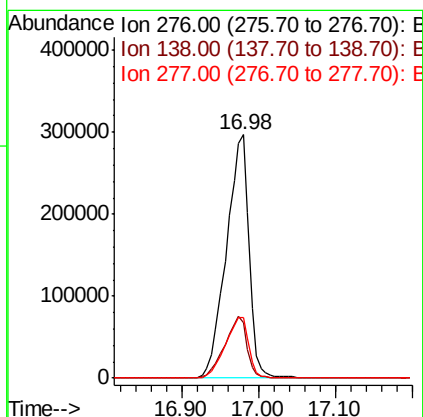
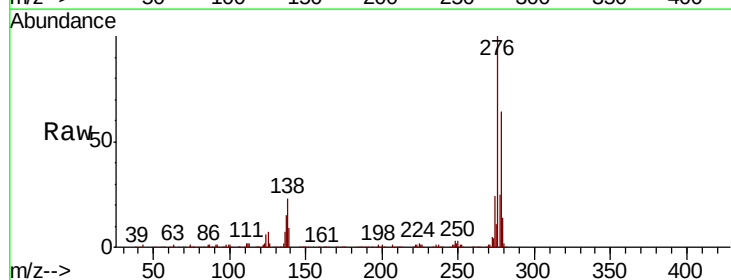
Instrument :
BNA_F
ClientSampleId :

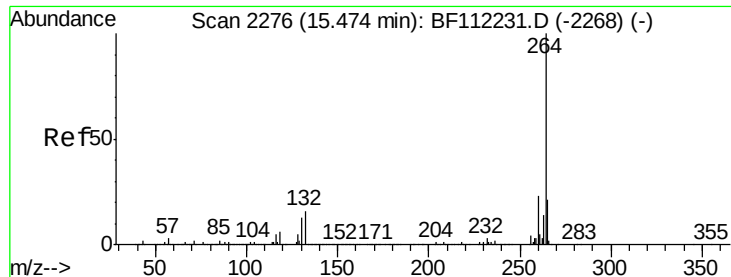
Tot Ion:149 Resp: 1083408
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.8 11.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.923 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:276 Resp: 608774
Ion Ratio Lower Upper
276 100
138 24.8 22.6 34.0
277 25.8 20.3 30.5

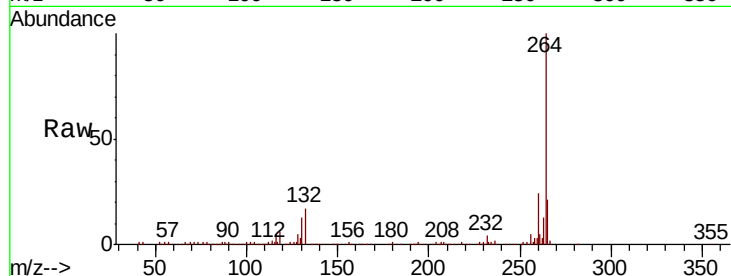




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.2	17.0	25.4

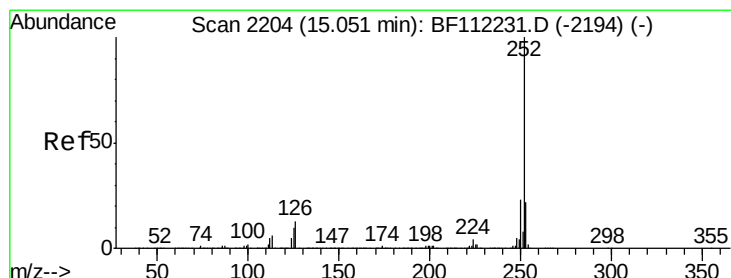
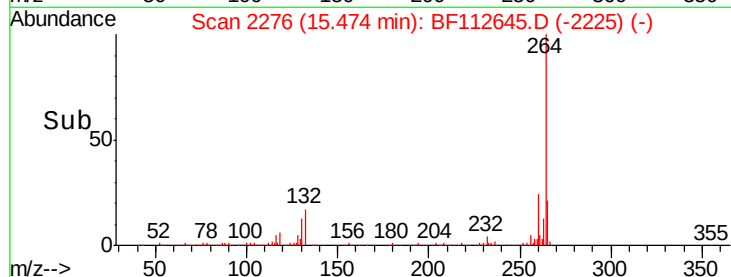
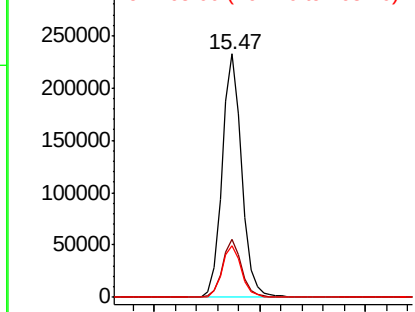


Abundance

Ion 264.00 (263.70 to 264.70): E

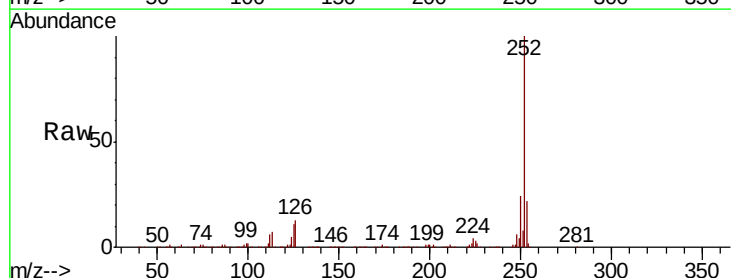
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 38.586 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.9	8.7	13.1

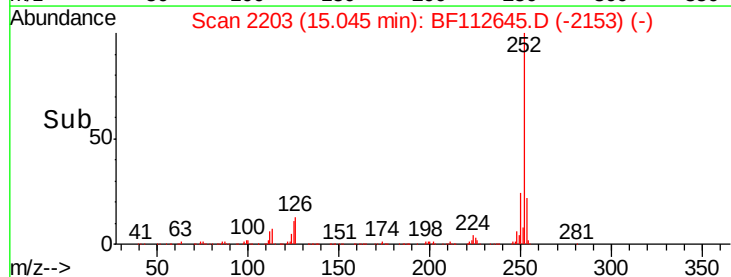
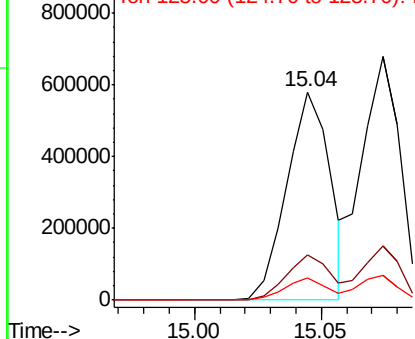


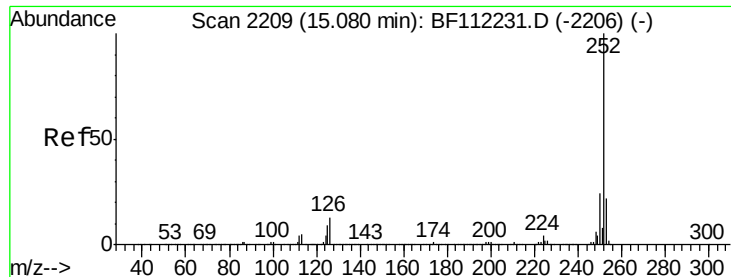
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

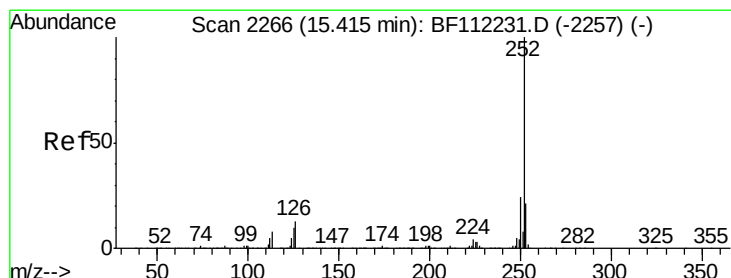
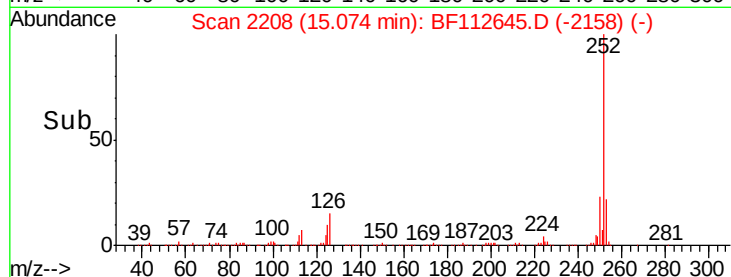
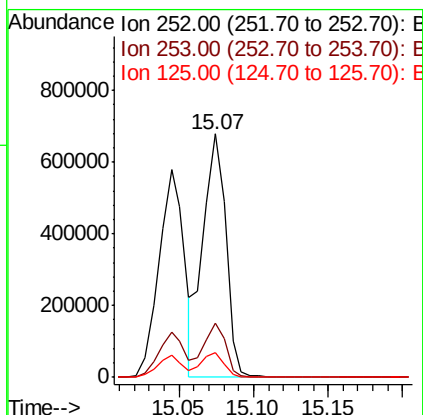
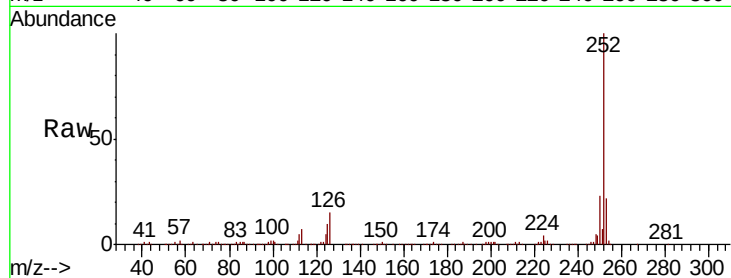




#89
Benzo(k)fluoranthene
Concen: 41.871 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

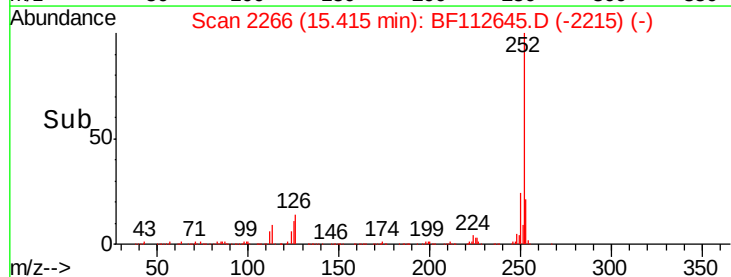
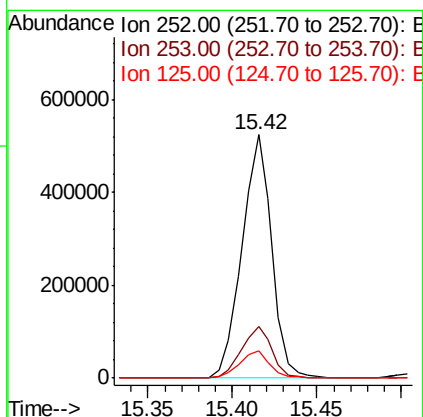
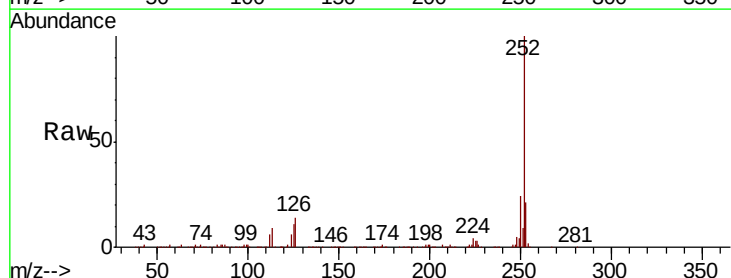
Instrument :
BNA_F
ClientSampleId :

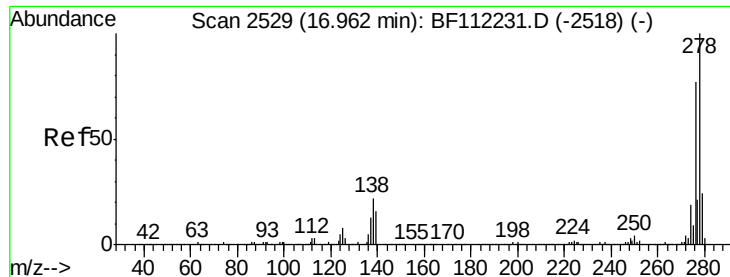
Tot Ion:252 Resp: 716093
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.3 9.1 13.7



#90
Benzo(a)pyrene
Concen: 39.858 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:252 Resp: 640351
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 11.1 9.0 13.4

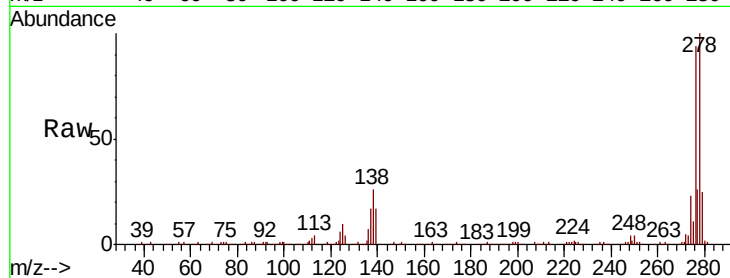




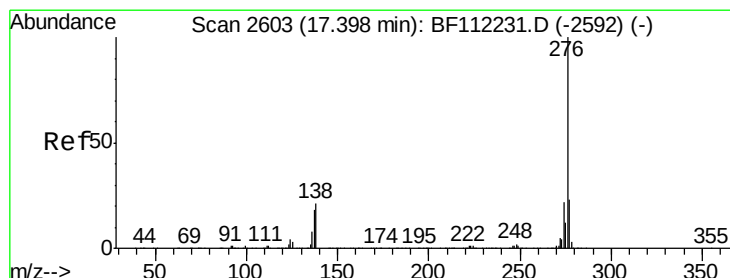
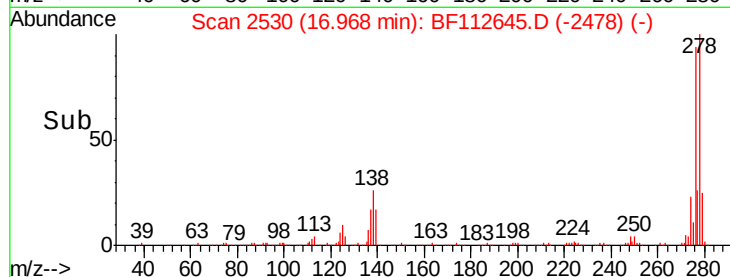
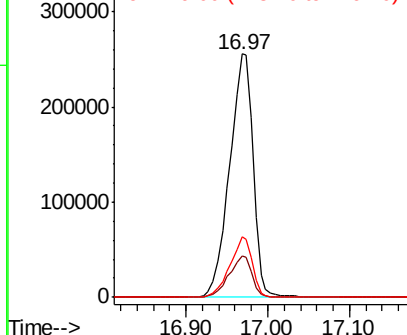
#91
Dibenzo(a,h)anthracene
Concen: 39.598 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 512718
Ion Ratio Lower Upper
278 100
139 16.8 13.7 20.5
279 24.8 19.0 28.6

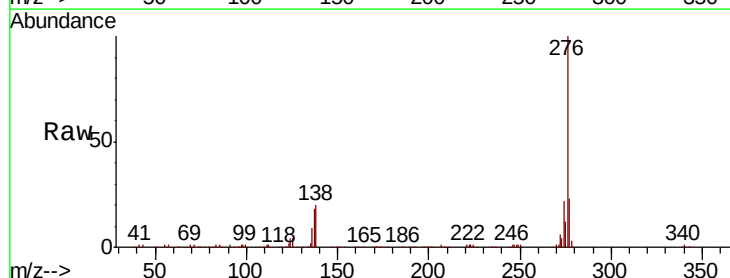


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.628 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.02 min
Lab File: BF112645.D
Acq: 21 Feb 2019 11:49

Tgt Ion:276 Resp: 484095
Ion Ratio Lower Upper
276 100
277 22.8 19.4 29.0
138 19.6 19.1 28.7



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

