

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112740.D
 Acq On : 28 Feb 2019 1:13
 Operator : JU/SJ
 Sample : K1595-03RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B11

Quant Time: Feb 28 02:07:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	209590	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	763858	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	322313	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	628790	20.00	ng	0.00
76) Chrysene-d12	13.88	240	503398	20.00	ng	0.00
87) Perylene-d12	15.29	264	388979	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1197078	88.85	ng	0.00
7) Phenol-d6	6.37	99	1533499	90.60	ng	0.00
23) Nitrobenzene-d5	7.30	82	882628	69.14	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	342331	100.05	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1280310	65.08	ng	0.00
79) Terphenyl-d14	12.83	244	1284750	49.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	214	0.032	ng	# 1
3) Pyridine	3.14	79	367	0.020	ng	# 1
4) n-Nitrosodimethylamine	3.03	42	881	0.111	ng	# 1
6) Aniline	6.38	93	1509	0.065	ng	# 1
8) 2-Chlorophenol	6.52	128	460	0.031	ng	# 1
9) Benzaldehyde	6.28	77	8558	0.702	ng	97
10) Phenol	6.39	94	64708	3.276	ng	88
11) bis(2-Chloroethyl)ether	6.51	93	1816	0.120	ng	# 1
15) Benzyl Alcohol	6.87	79	12397	0.961	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	110	0.004	ng	71
17) 2-Methylphenol	6.99	107	240	0.020	ng	# 9
18) Hexachloroethane	7.26	117	407	0.068	ng	# 4
19) n-Nitroso-di-n-propylamine	7.30	70	116496	10.868	ng	# 78
20) 3+4-Methylphenols	7.15	107	1601	0.117	ng	# 77
22) Acetophenone	7.15	105	3237	0.181	ng	# 94
24) Nitrobenzene	7.30	77	3213	0.226	ng	# 34
25) Isophorone	7.30	82	878151	31.931	ng	# 66
26) 2-Nitrophenol	7.60	139	169	0.029	ng	# 1
27) 2,4-Dimethylphenol	7.67	122	153	0.014	ng	# 55
28) bis(2-Chloroethoxy)methane	7.60	93	109	0.006	ng	# 1
30) 1,2,4-Trichlorobenzene	8.05	180	396	0.035	ng	# 13
31) Naphthalene	8.05	128	32362	0.853	ng	99
32) Benzoic acid	7.79	122	565	0.073	ng	# 58
33) 4-Chloroaniline	8.05	127	4298	0.268	ng	# 40
35) Caprolactam	8.41	113	148	0.039	ng	# 28
36) 4-Chloro-3-methylphenol	8.59	107	355	0.030	ng	# 20
37) 2-Methylnaphthalene	8.73	142	15235	0.622	ng	# 88
38) 1-Methylnaphthalene	8.83	142	10383	0.438	ng	# 96
46) 1,1'-Biphenyl	9.19	154	8282	0.315	ng	95
47) 2-Chloronaphthalene	9.30	162	224	0.011	ng	# 28
48) 2-Nitroaniline	9.34	65	112	0.018	ng	# 4
49) Acenaphthylene	9.63	152	29848	0.856	ng	96
50) Dimethylphthalate	9.49	163	116325	4.895	ng	99
51) 2,6-Dinitrotoluene	9.77	165	42236	8.534	ng	# 19

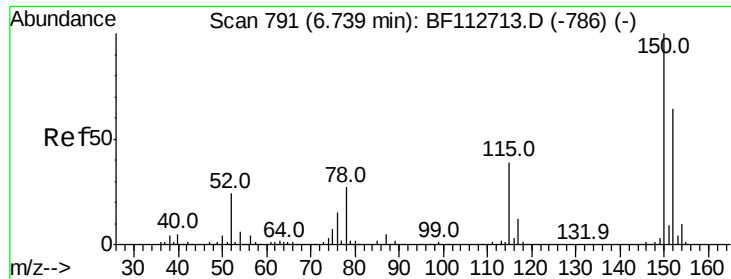
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112740.D
 Acq On : 28 Feb 2019 1:13
 Operator : JU/SJ
 Sample : K1595-03RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B11

Quant Time: Feb 28 02:07:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.80	154	45316	2.224	nq	97
53) 3-Nitroaniline	9.74	138	110	0.018	nq #	3
55) Dibenzofuran	9.97	168	62703	2.117	nq	97
56) 4-Nitrophenol	9.97	139	22873	4.667	nq #	10
57) 2,4-Dinitrotoluene	9.77	165	42236	6.866	nq #	18
58) Fluorene	10.32	166	64370	3.062	nq	98
60) Diethylphthalate	10.19	149	2590	0.103	nq #	84
62) 4-Nitroaniline	10.31	138	803	0.144	nq #	45
63) Azobenzene	10.47	77	1324	0.051	nq #	1
65) 4,6-Dinitro-2-methylphenol	10.56	198	515	4.793	nq #	1
66) n-Nitrosodiphenylamine	10.43	169	2557	0.127	nq #	1
67) 4-Bromophenyl-phenylether	10.55	248	20536	3.101	nq #	1
71) Phenanthrene	11.27	178	1608797	51.424	nq	99
72) Anthracene	11.32	178	422096	12.889	nq	98
73) Carbazole	11.47	167	223811	7.006	nq	98
74) Di-n-butylphthalate	11.82	149	15179	0.396	nq #	84
75) Fluoranthene	12.46	202	2129668	63.538	nq	97
77) Benzidine	12.47	184	707	0.027	nq #	1
78) Pyrene	12.69	202	1963243	46.262	nq	99
80) Butylbenzylphthalate	13.31	149	3392	0.181	nq #	69
81) Benzo(a)anthracene	13.87	228	969740	27.795	nq	98
82) 3,3'-Dichlorobenzidine	13.85	252	392	0.030	nq #	1
83) Chrysene	13.90	228	921898	26.976	nq	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	55723	2.536	nq	97
85) Di-n-octyl phthalate	14.45	149	1161	0.031	nq #	1
86) Indeno(1,2,3-cd)pyrene	16.49	276	58754	2.017	nq	96
88) Benzo(b)fluoranthene	14.89	252	1155572	45.928	nq	98
89) Benzo(k)fluoranthene	14.89	252	1155572	50.705	nq	98
90) Benzo(a)pyrene	15.23	252	550387	24.731	nq	99
91) Dibenzo(a,h)anthracene	16.80	278	75443	3.973	nq	96
92) Benzo(a,h,i)perylene	17.04	276	300093	15.737	nq	98

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

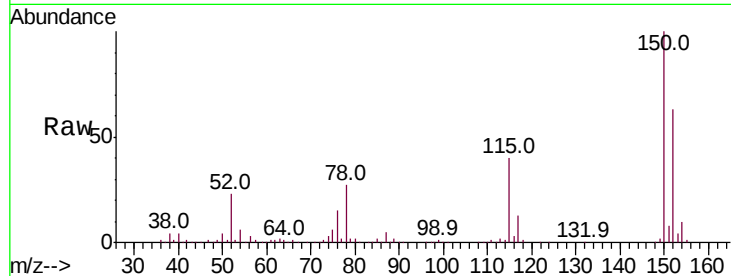


#1

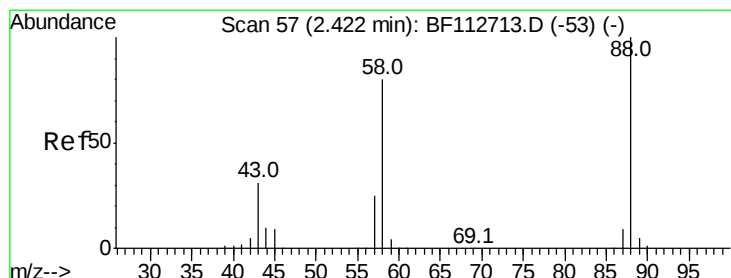
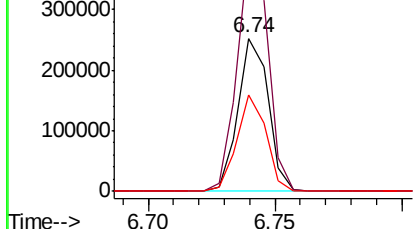
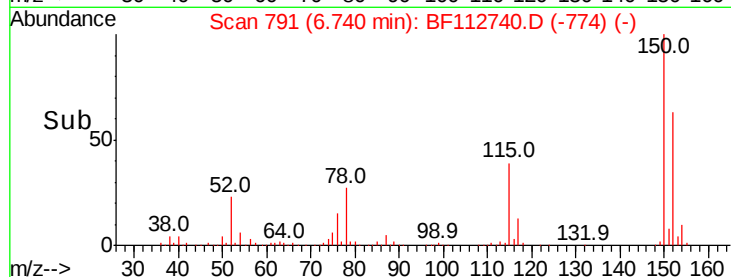
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion:152 Resp: 209590
Ion Ratio Lower Upper
152 100
150 158.9 124.2 186.2
115 62.8 48.2 72.4



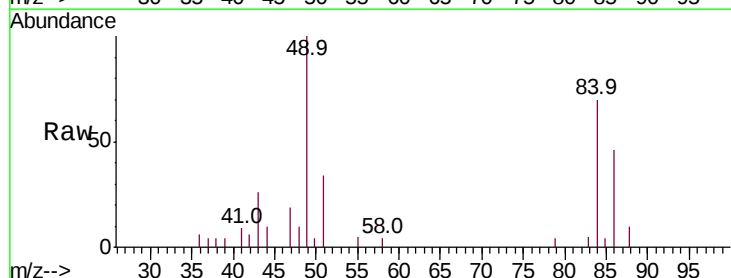
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



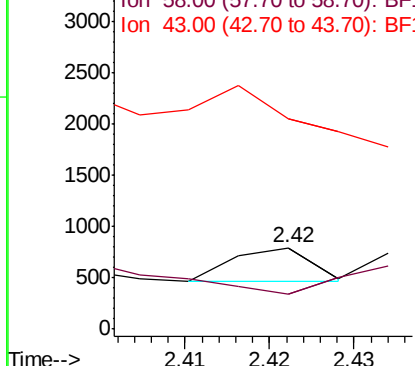
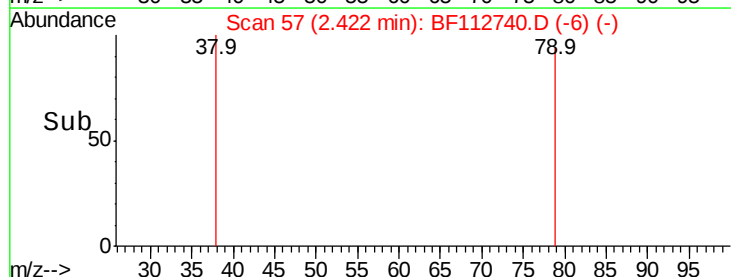
#2

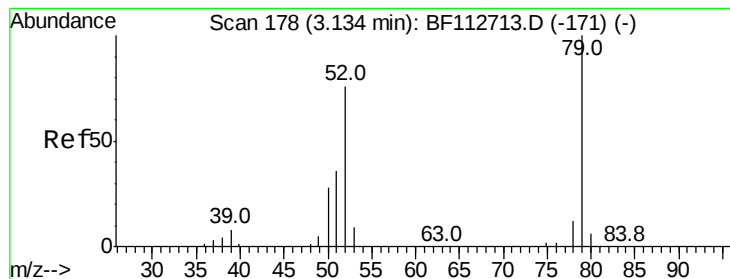
1,4-Dioxane
Concen: 0.032 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.00 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion: 88 Resp: 214
Ion Ratio Lower Upper
88 100
58 0.0 63.1 94.7#
43 129.0 24.3 36.5#



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: 0.020 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

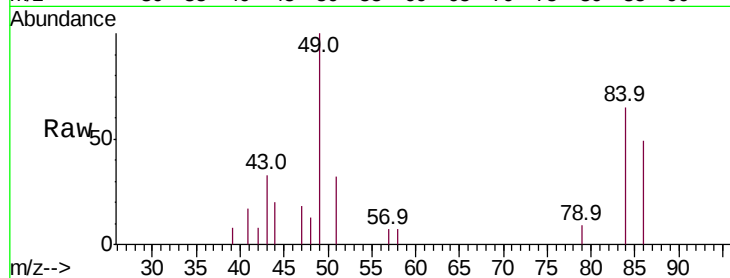
Tot Ion: 79 Resp: 367

Ion Ratio Lower Upper

79 100

52 0.0 60.5 90.7#

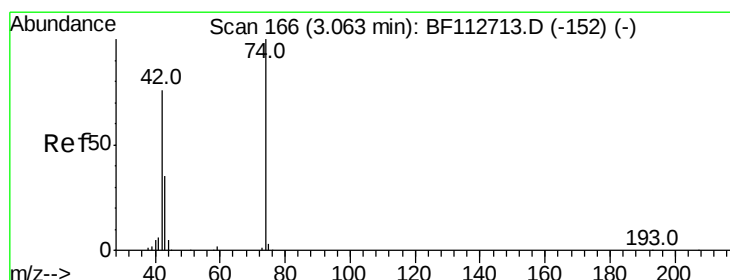
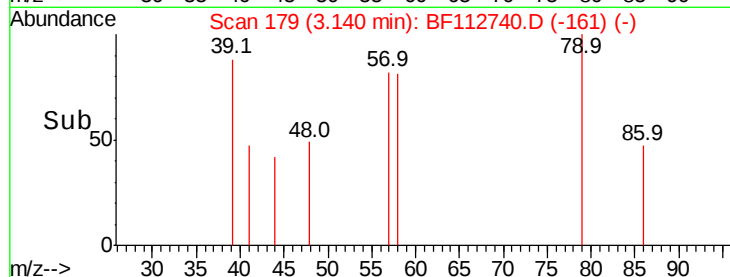
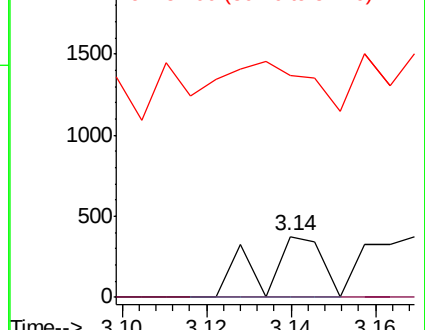
51 364.4 28.8 43.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.111 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.03 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

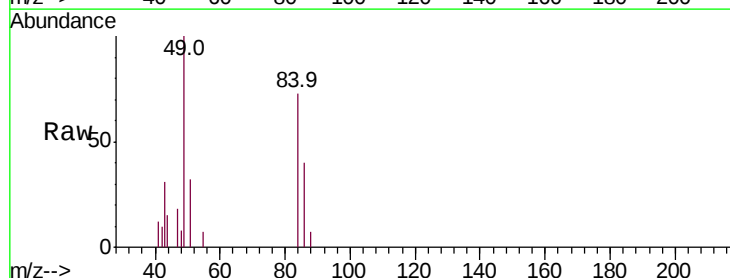
Tgt Ion: 42 Resp: 881

Ion Ratio Lower Upper

42 100

74 0.0 105.8 158.8#

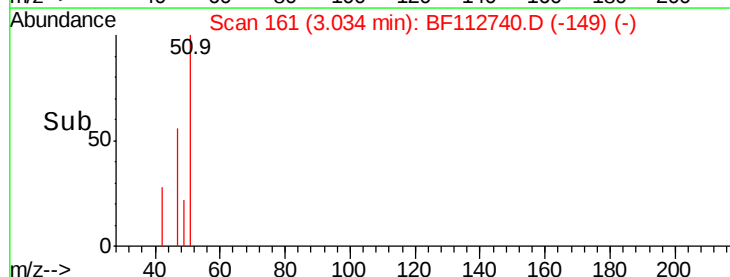
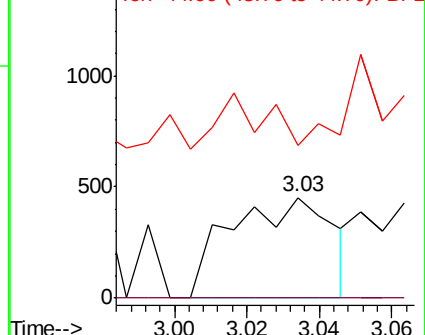
44 152.1 6.2 9.2#

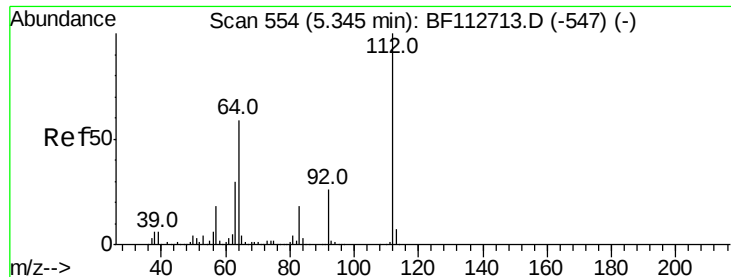


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 88.845 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

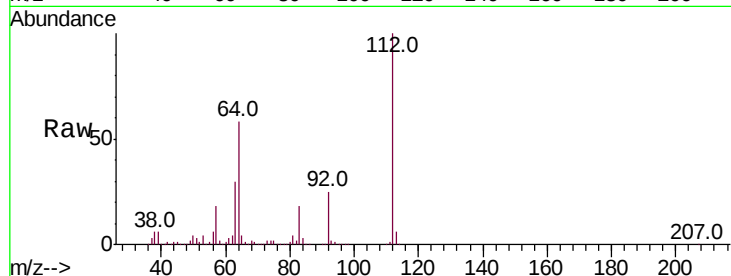
Tot Ion:112 Resp: 1197078

Ion Ratio Lower Upper

112 100

64 58.4 47.6 71.4

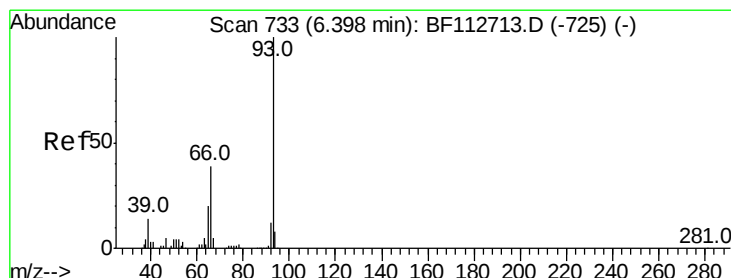
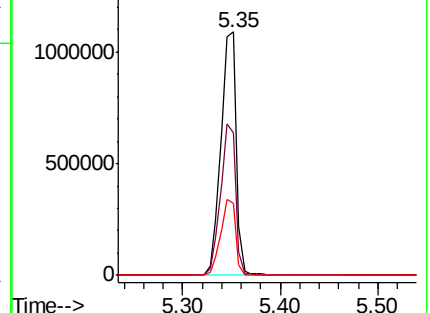
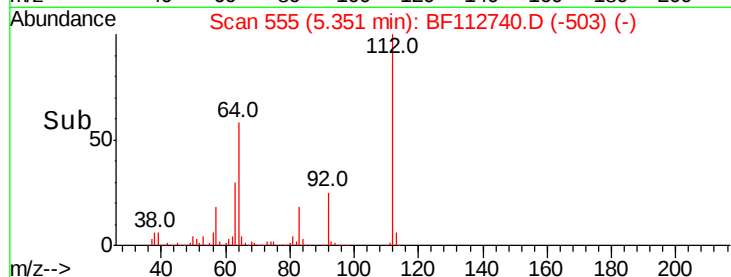
63 29.6 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.065 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

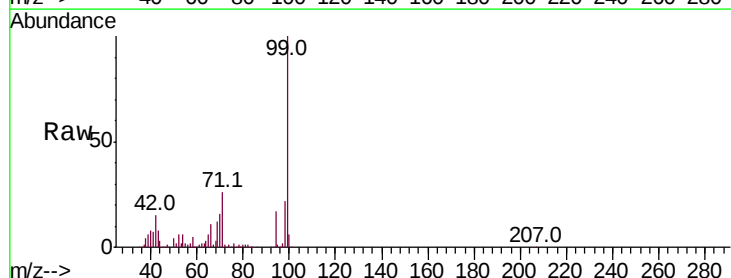
Tgt Ion: 93 Resp: 1509

Ion Ratio Lower Upper

93 100

66 2620.7 32.2 48.2#

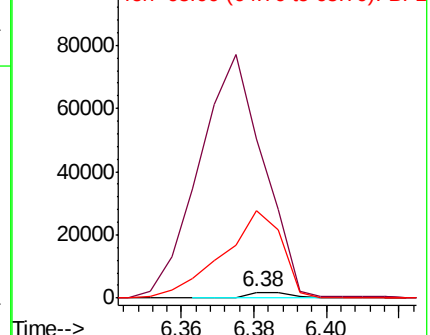
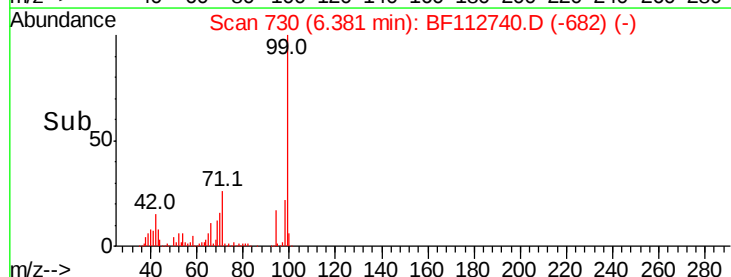
65 1450.8 16.2 24.4#

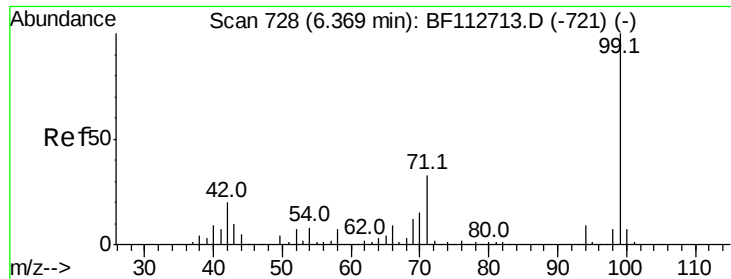


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.604 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

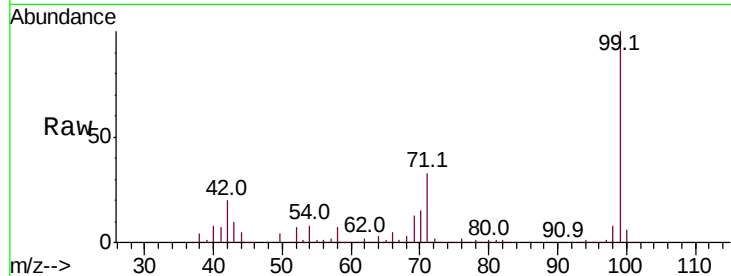
Tot Ion: 99 Resp: 1533499

Ion Ratio Lower Upper

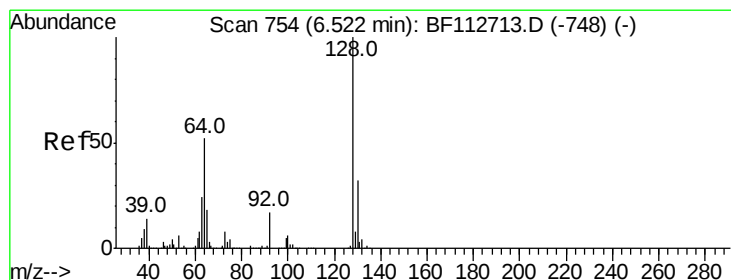
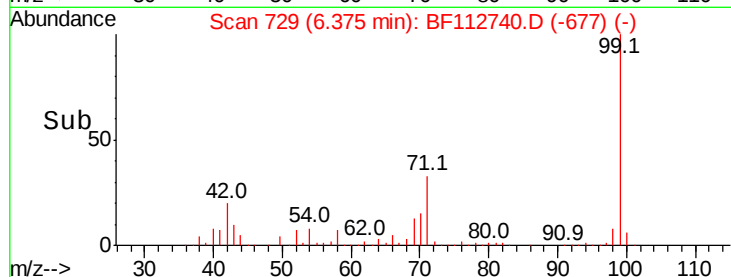
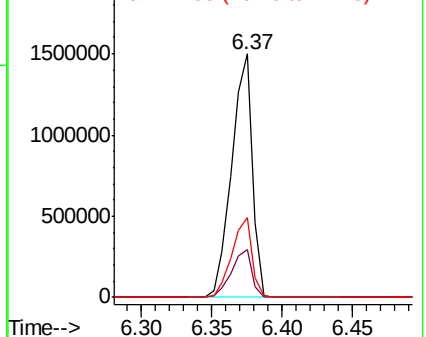
99 100

42 19.8 16.3 24.5

71 32.8 26.2 39.4



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: 0.031 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

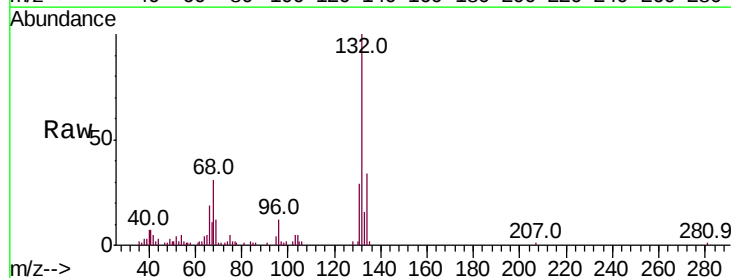
Tgt Ion:128 Resp: 460

Ion Ratio Lower Upper

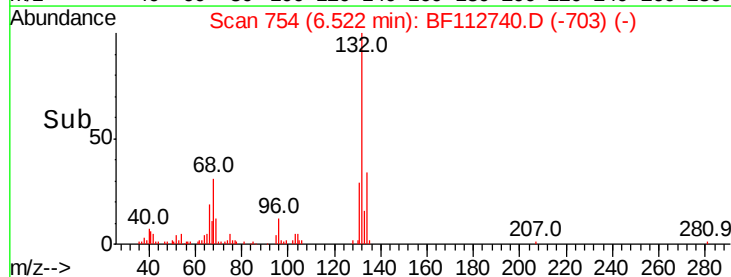
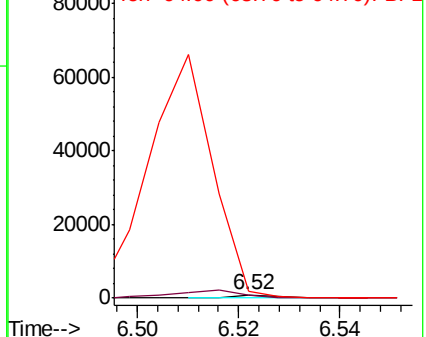
128 100

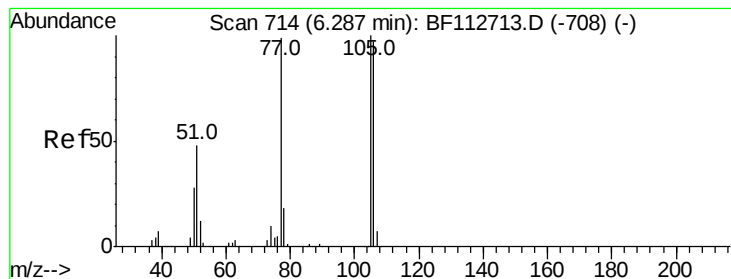
130 112.9 12.4 52.4#

64 219.5 32.2 72.2#



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: 0.702 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

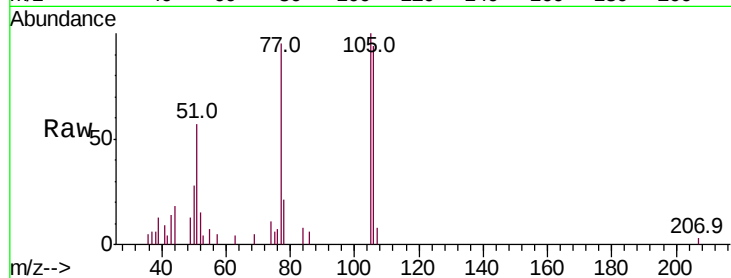
Tot Ion: 77 Resp: 8558

Ion Ratio Lower Upper

77 100

105 105.7 81.4 121.4

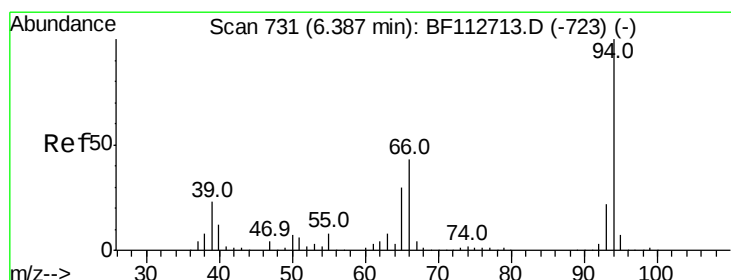
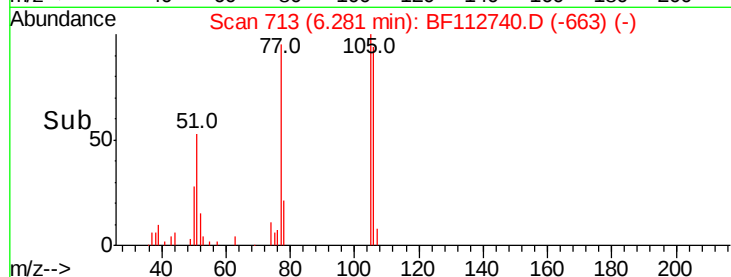
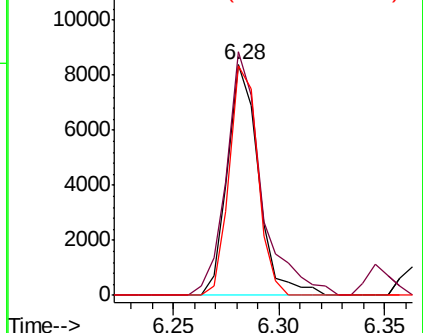
106 99.8 78.3 118.3



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: 3.276 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

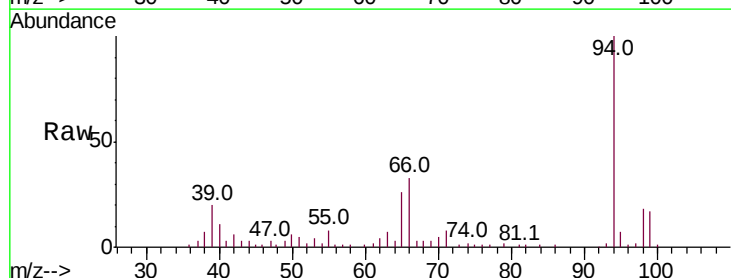
Tgt Ion: 94 Resp: 64708

Ion Ratio Lower Upper

94 100

65 25.8 10.5 50.5

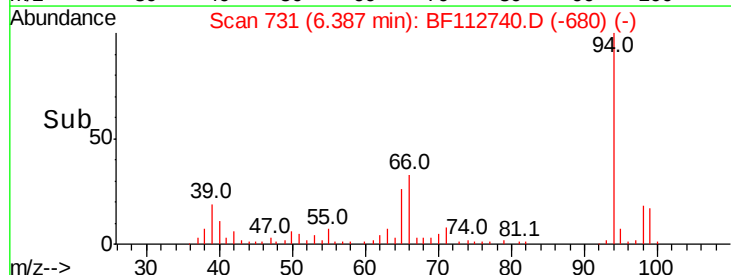
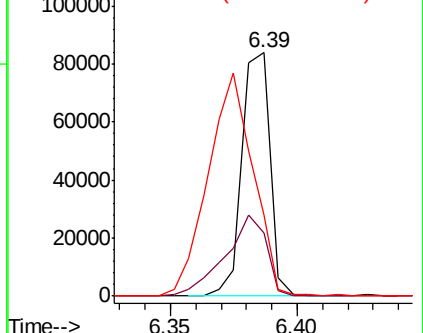
66 33.3 22.6 62.6

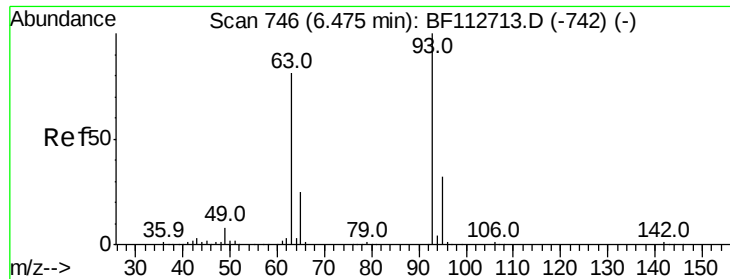


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

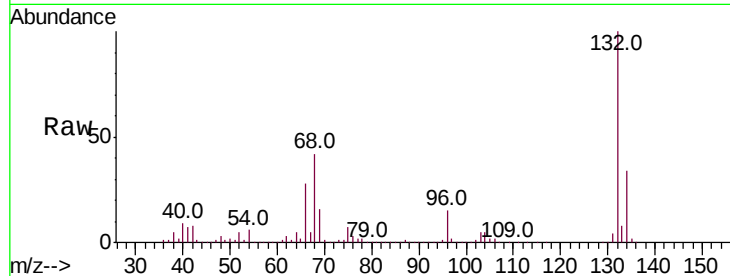




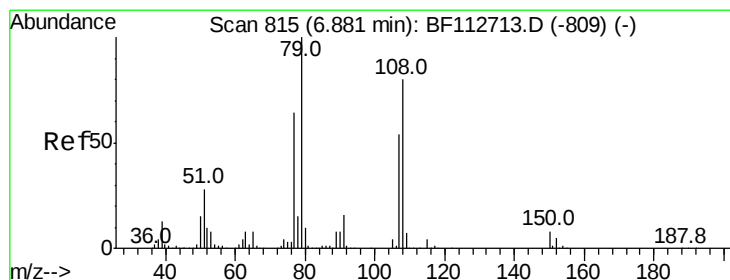
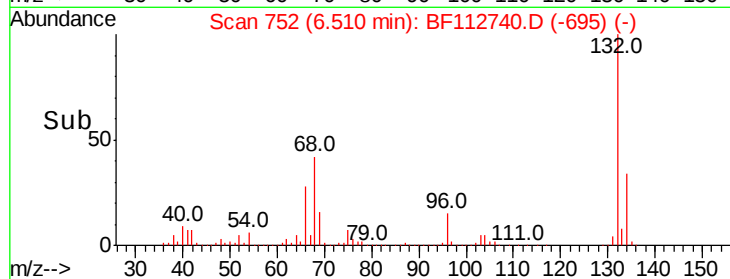
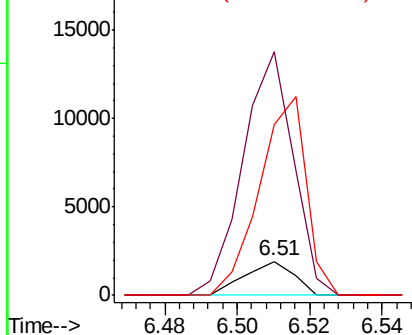
#11
bis(2-Chloroethyl)ether
Concen: 0.120 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.04 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion: 93 Resp: 1816
Ion Ratio Lower Upper
93 100
63 713.0 60.5 100.5#
95 500.4 12.1 52.1#

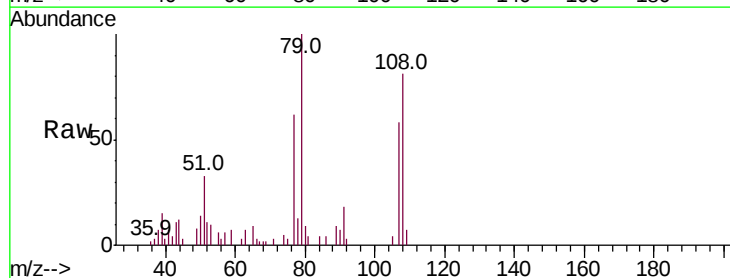


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

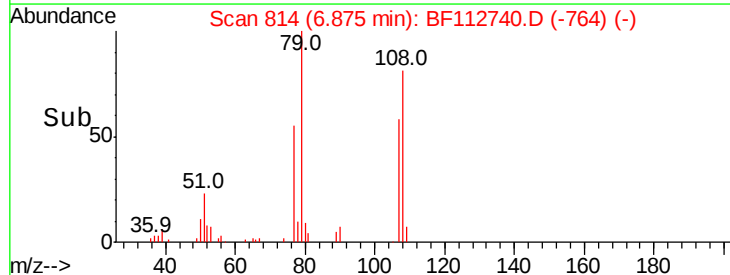
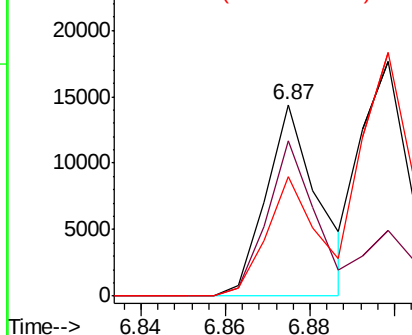


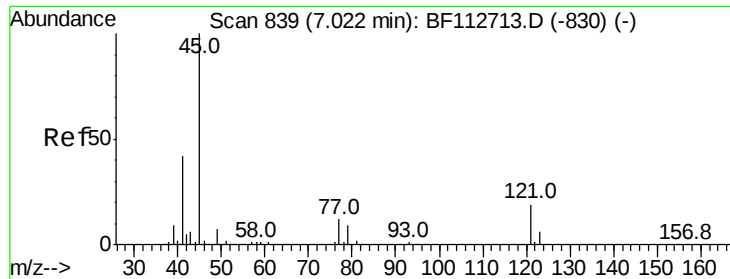
#15
Benzyl Alcohol
Concen: 0.961 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion: 79 Resp: 12397
Ion Ratio Lower Upper
79 100
108 81.3 64.2 96.4
77 62.3 51.1 76.7



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

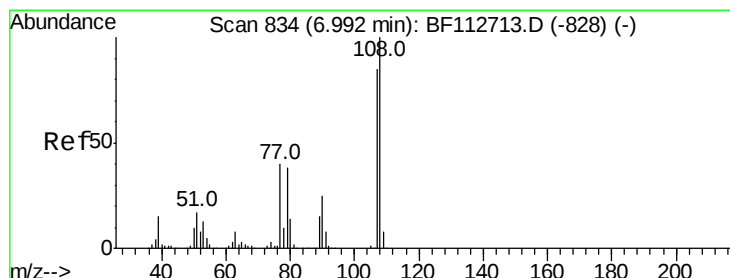
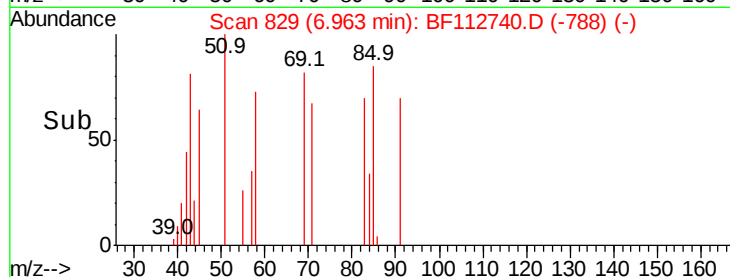
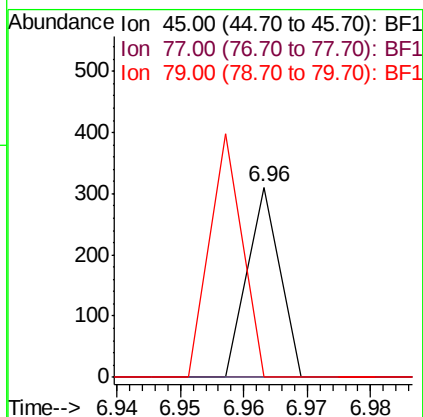
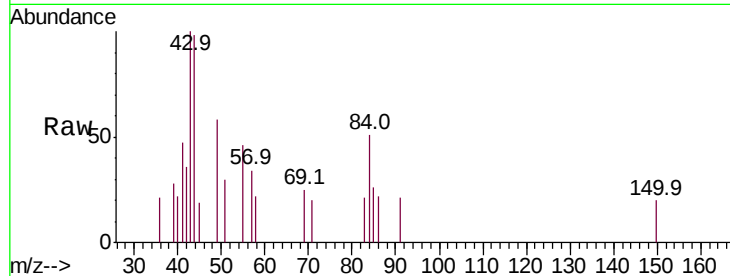




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.004 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

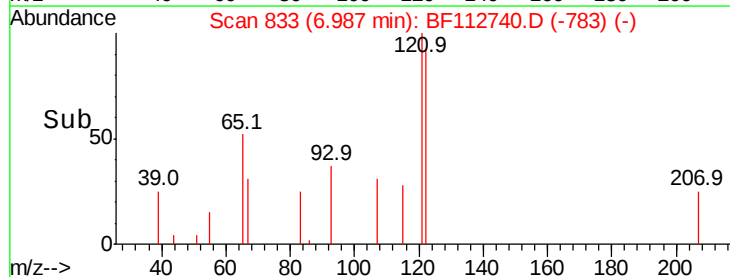
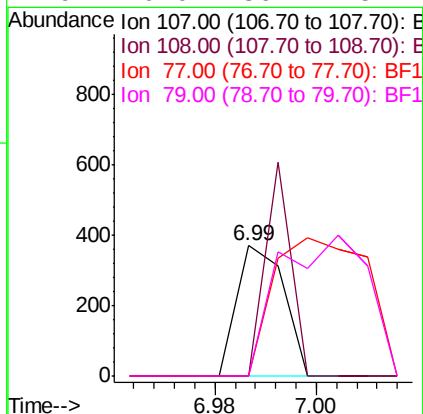
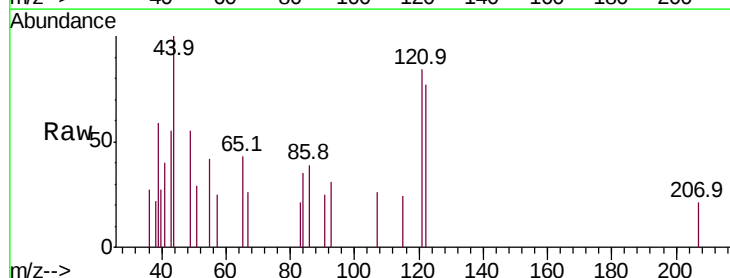
Instrument :
BNA_F
ClientSampled :
TP-CBF-B11

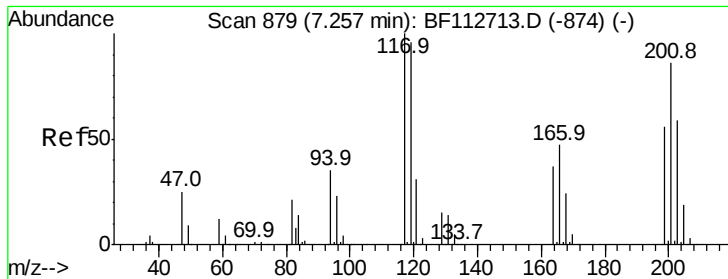
Tot Ion: 45 Resp: 110
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.1
79 0.0 0.0 29.4



#17
2-Methylphenol
Concen: 0.020 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion: 107 Resp: 240
Ion Ratio Lower Upper
107 100
108 0.0 94.6 142.0#
77 0.0 37.8 56.8#
79 0.0 36.2 54.2#

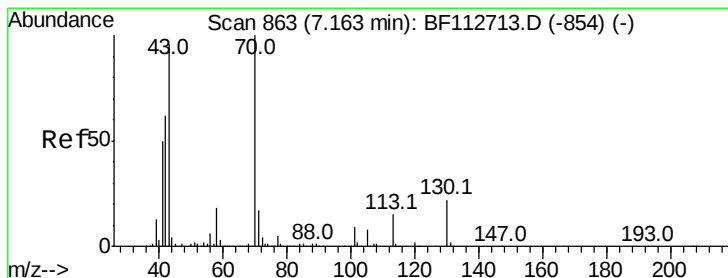
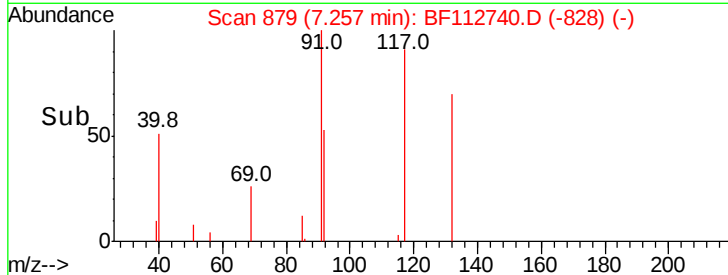
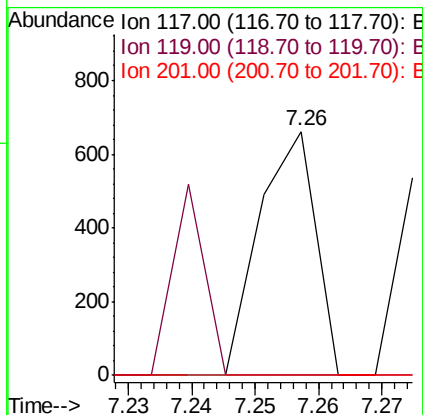
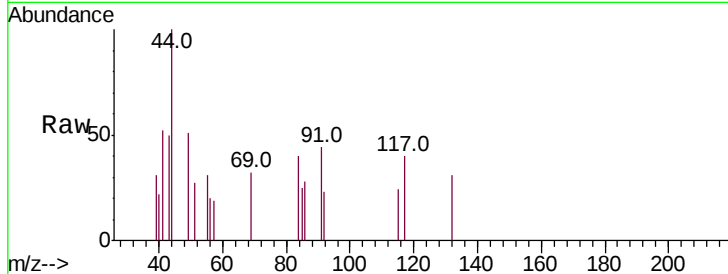




#18
Hexachloroethane
Concen: 0.068 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

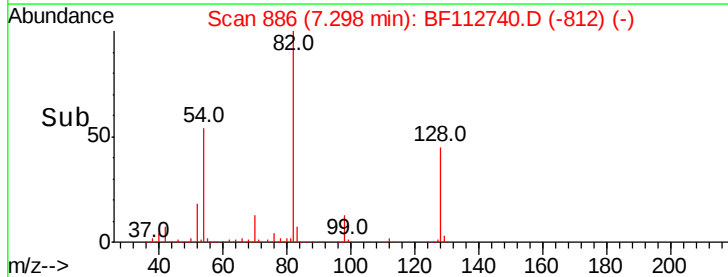
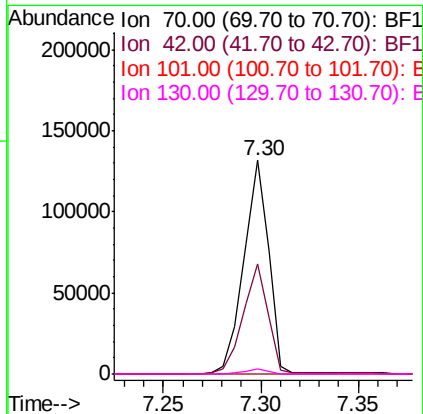
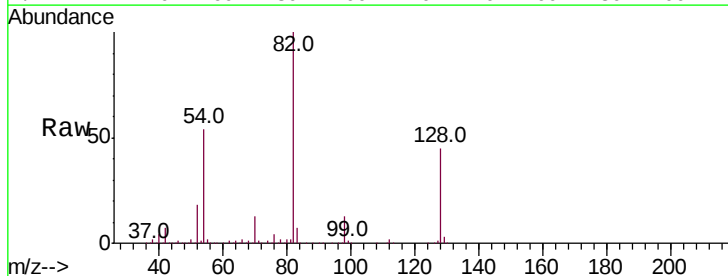
Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

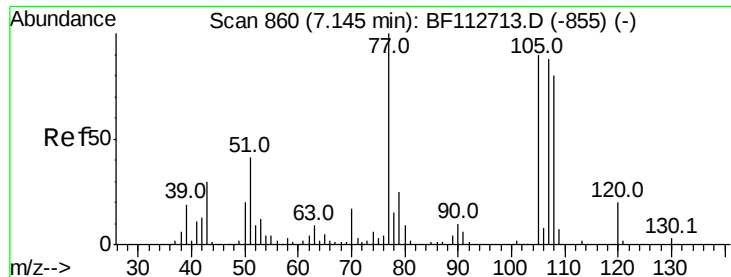
Tot Ion:117 Resp: 407
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
201 0.0 68.9 103.3#



#19
n-Nitroso-di-n-propylamine
Concen: 10.868 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion: 70 Resp: 116496
Ion Ratio Lower Upper
70 100
42 51.3 49.9 74.9
101 0.0 7.4 11.2#
130 2.4 17.4 26.2#





#20

3+4-Methylphenols

Concen: 0.117 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

Tot Ion:107 Resp: 1601

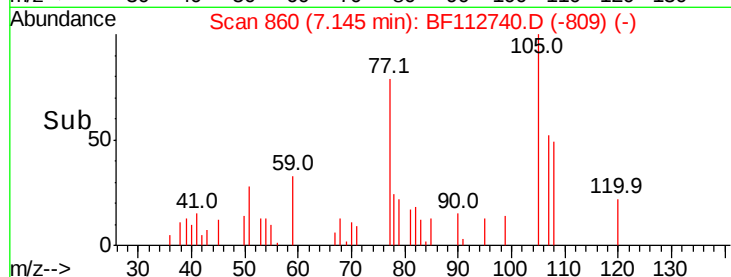
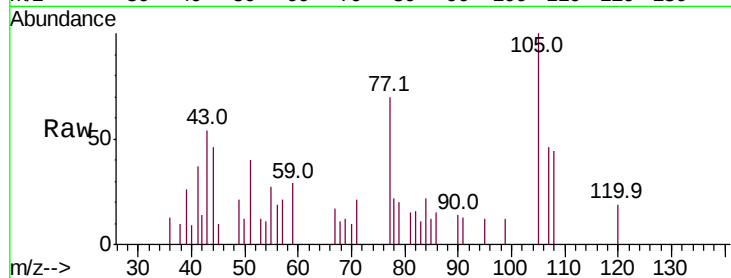
Ion Ratio Lower Upper

107 100

108 95.2 71.4 111.4

77 152.9 94.1 134.1#

79 43.5 8.6 48.6

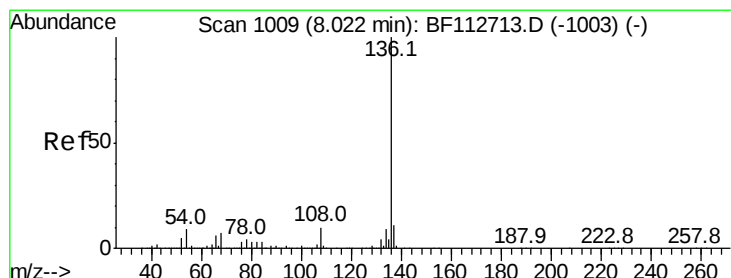
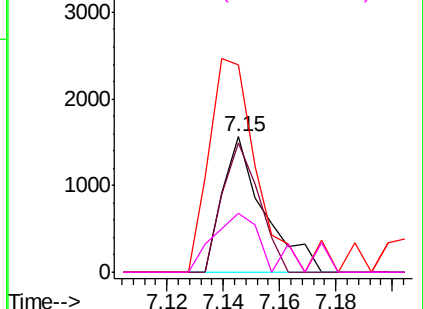


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Tgt Ion:136 Resp: 763858

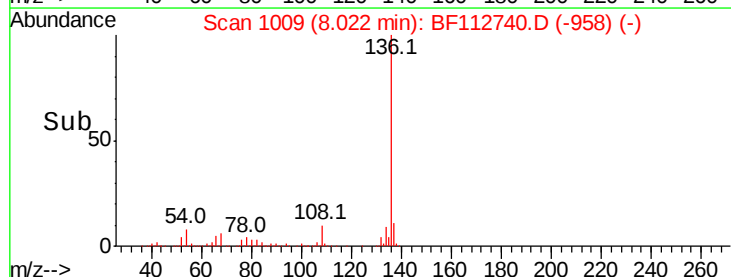
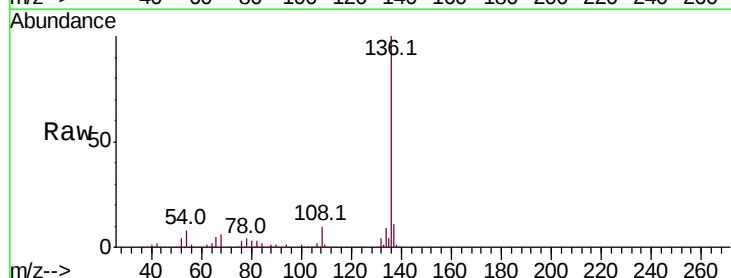
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 7.3 10.9

68 6.3 5.4 8.2

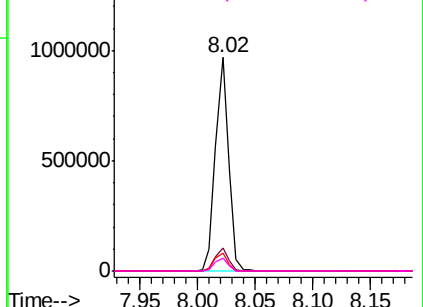


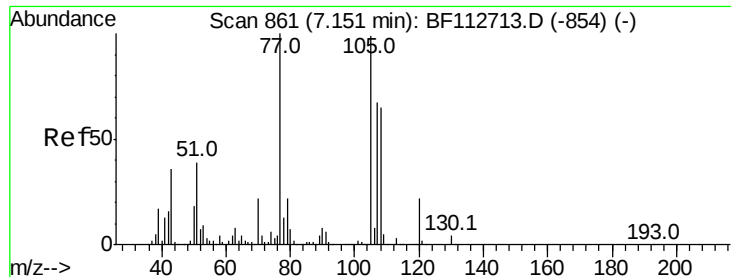
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.181 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

Tot Ion:105 Resp: 3237

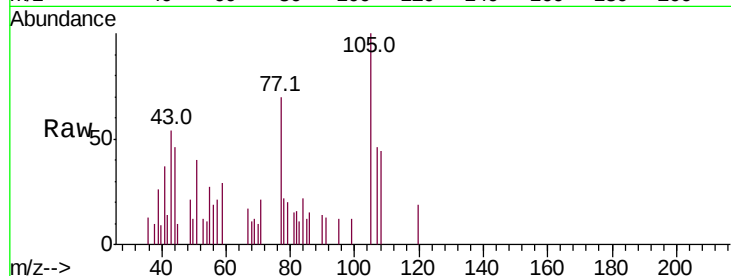
Ion Ratio Lower Upper

105 100

71 21.4 3.0 4.4#

51 39.7 31.5 47.3

120 19.2 18.1 27.1

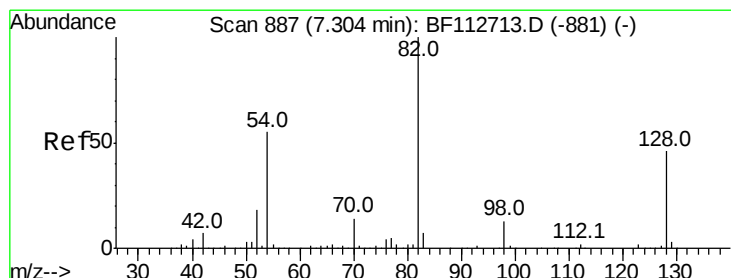
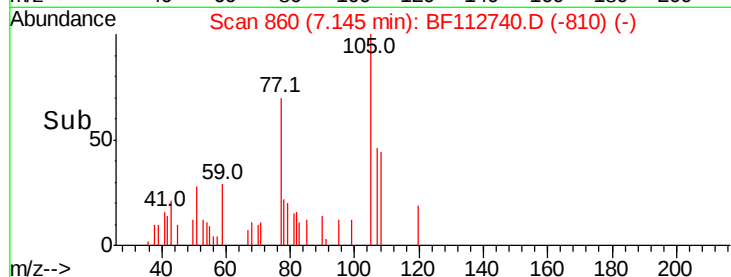
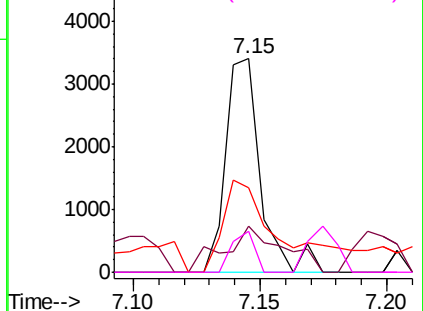


Abundance Ion 105.00 (104.70 to 105.70): E

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: 69.142 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

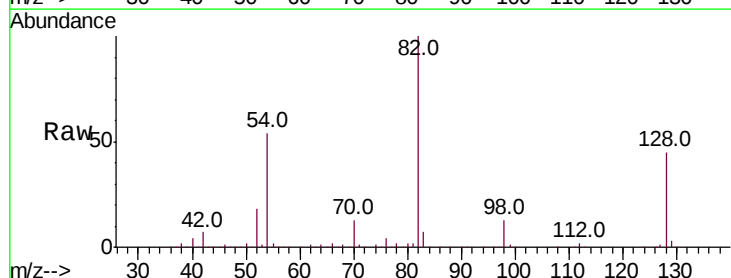
Tgt Ion: 82 Resp: 882628

Ion Ratio Lower Upper

82 100

128 44.7 36.3 54.5

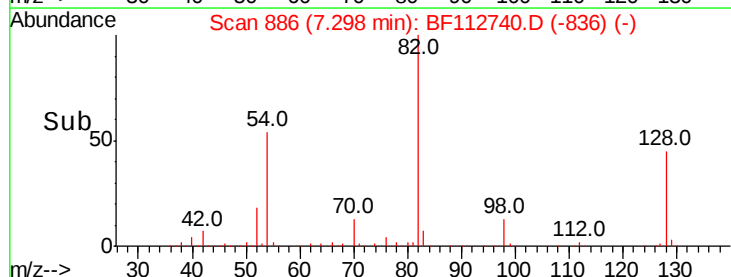
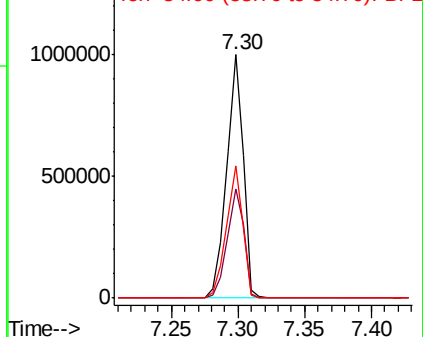
54 54.4 43.7 65.5

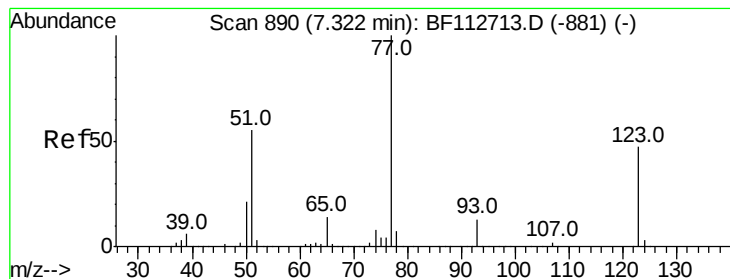


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.226 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

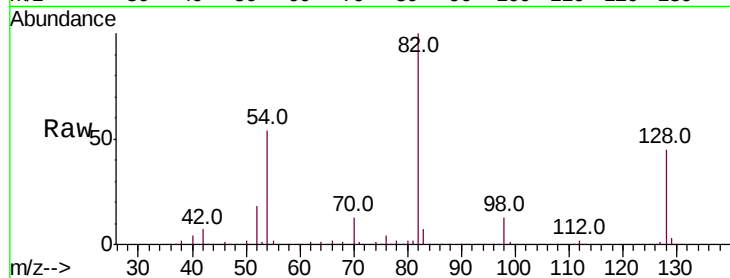
Tot Ion: 77 Resp: 3213

Ion Ratio Lower Upper

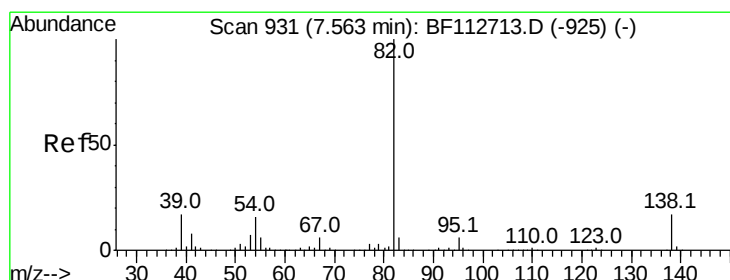
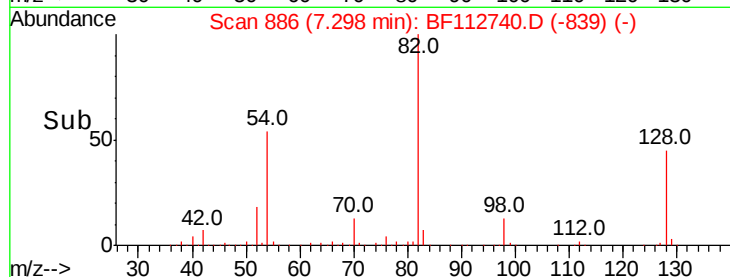
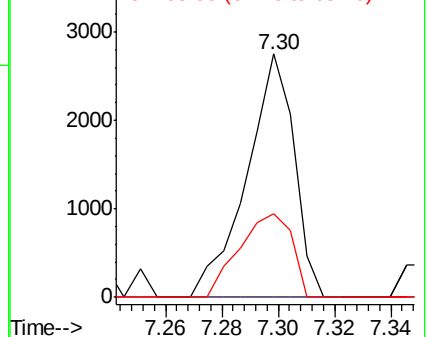
77 100

123 0.0 37.8 56.6#

65 34.2 11.1 16.7#



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: 31.931 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

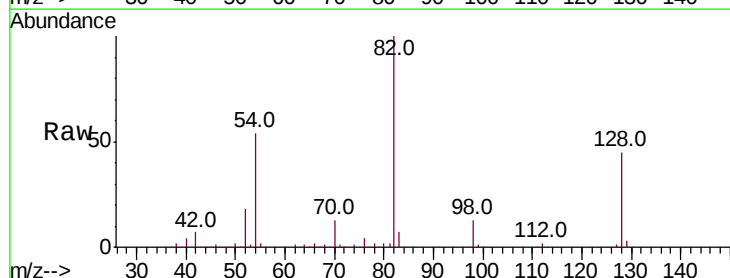
Tgt Ion: 82 Resp: 878151

Ion Ratio Lower Upper

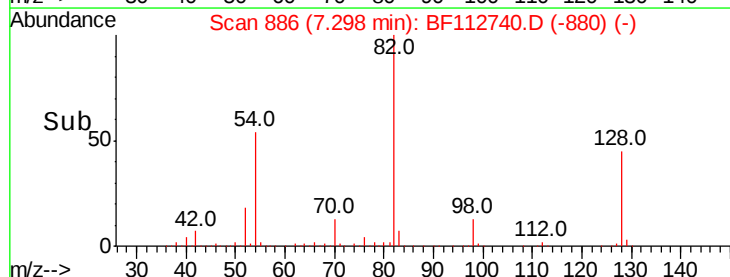
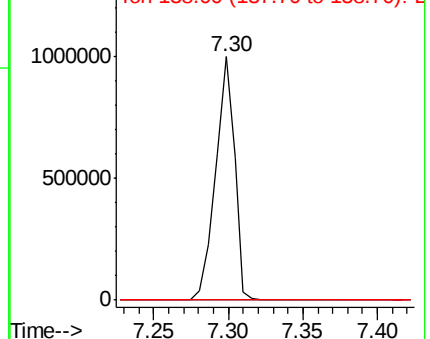
82 100

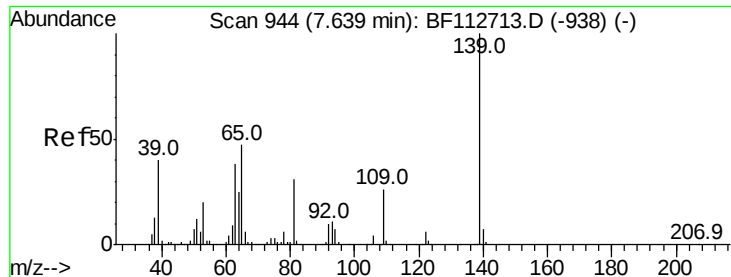
95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

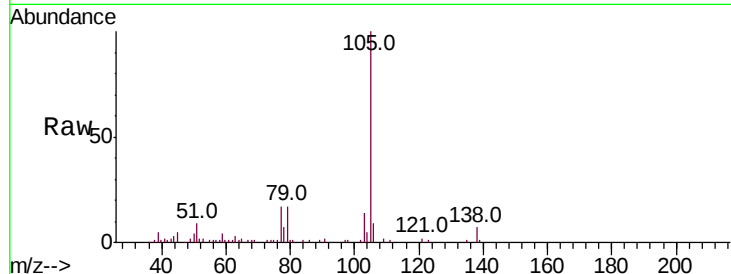




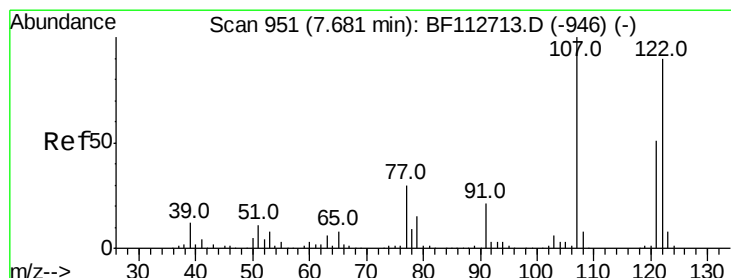
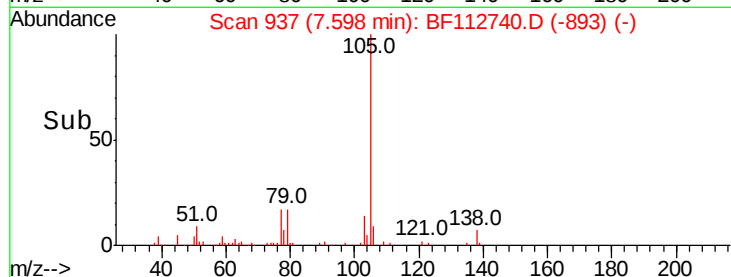
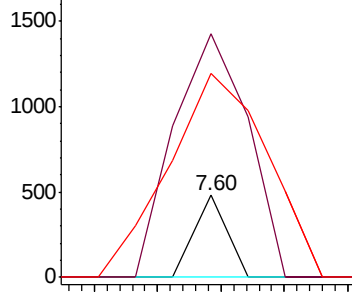
#26
2-Nitrophenol
Concen: 0.029 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.04 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion:139 Resp: 169
Ion Ratio Lower Upper
139 100
109 298.1 20.6 31.0#
65 250.1 37.9 56.9#

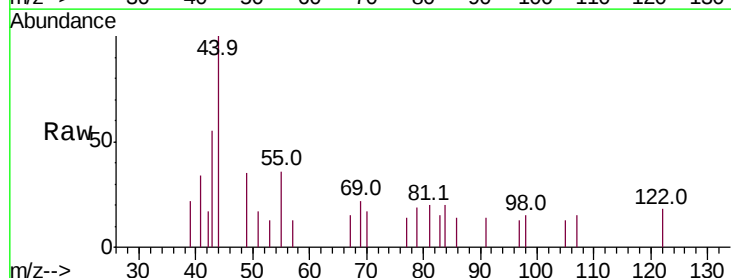


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

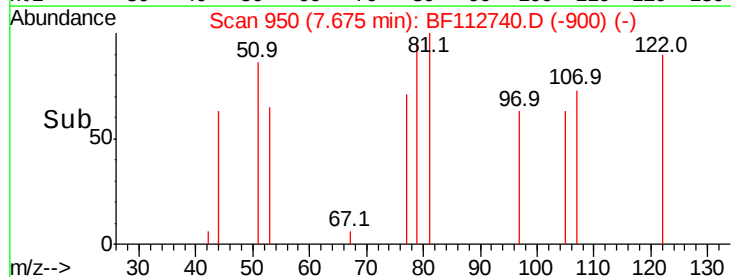
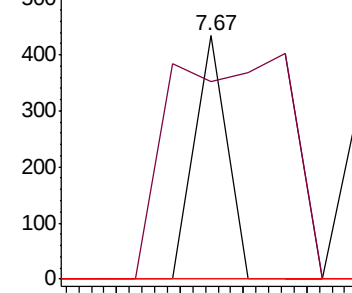


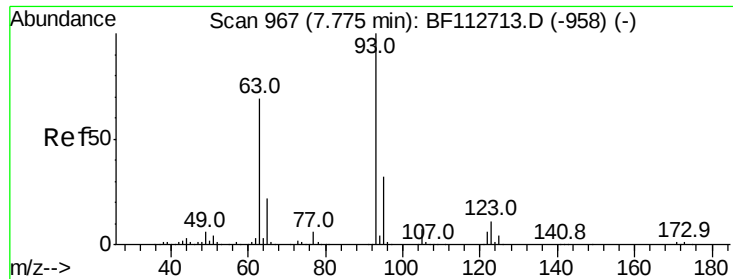
#27
2,4-Dimethylphenol
Concen: 0.014 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion:122 Resp: 153
Ion Ratio Lower Upper
122 100
107 81.3 89.4 134.0#
121 0.0 45.5 68.3#



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





#28

bis(2-Chloroethoxy)methane

Concen: 0.006 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.18 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

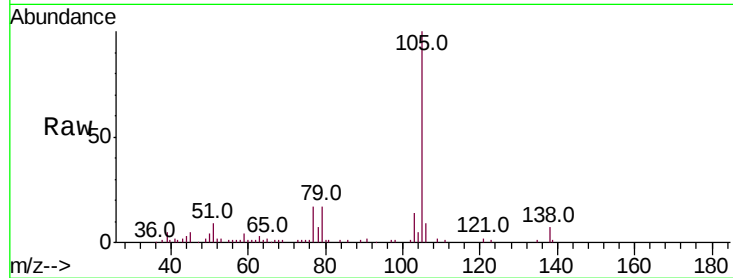
Tot Ion: 93 Resp: 109

Ion Ratio Lower Upper

93 100

95 0.0 26.0 39.0#

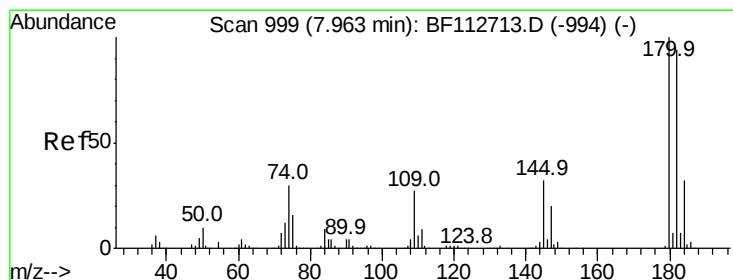
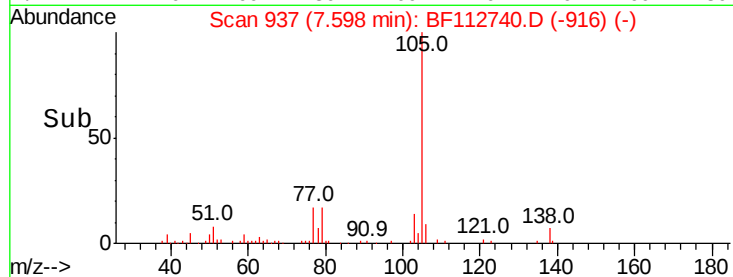
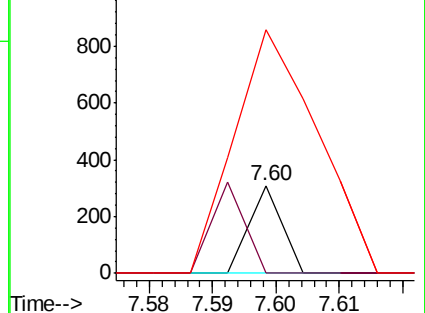
123 278.6 9.3 13.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 0.035 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.09 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

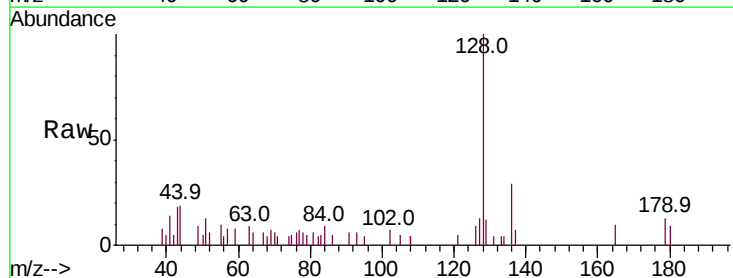
Tgt Ion: 180 Resp: 396

Ion Ratio Lower Upper

180 100

182 0.0 75.2 112.8#

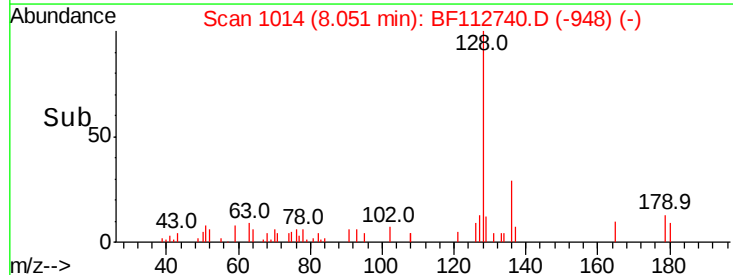
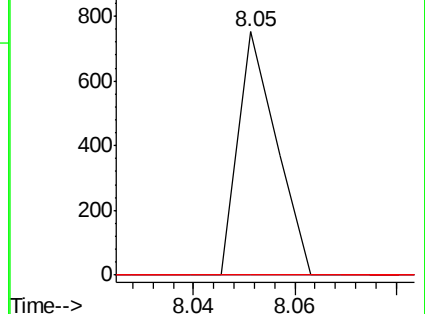
145 0.0 25.4 38.0#

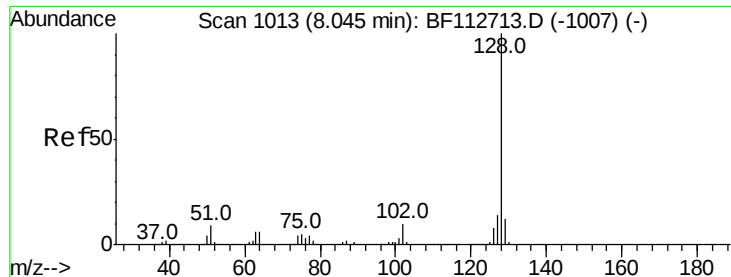


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 0.853 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

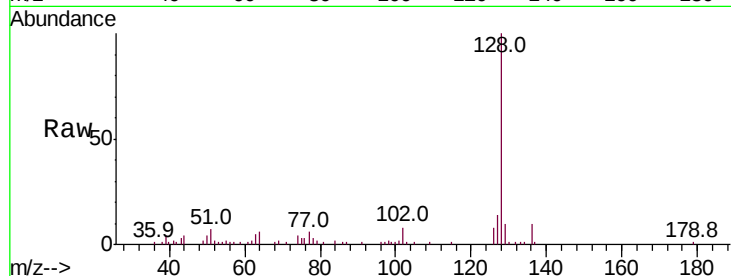
Tot Ion:128 Resp: 32362

Ion Ratio Lower Upper

128 100

129 10.4 9.3 13.9

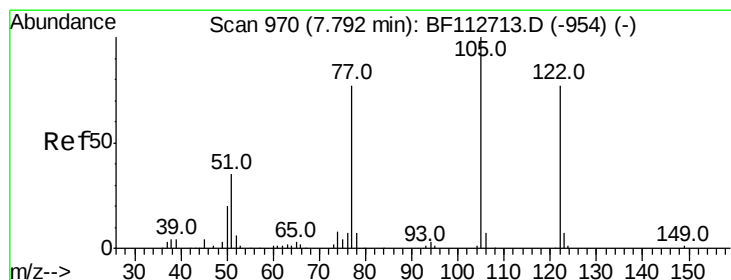
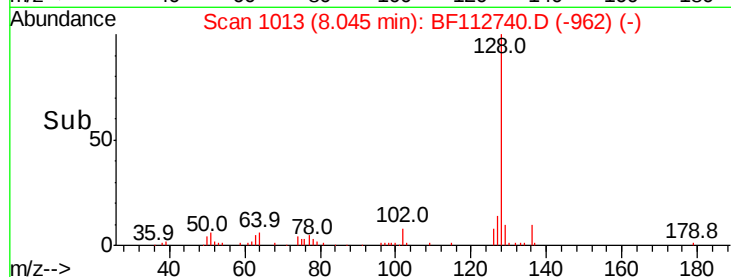
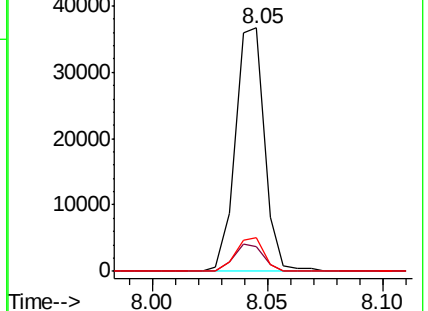
127 13.6 10.9 16.3



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: 0.073 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

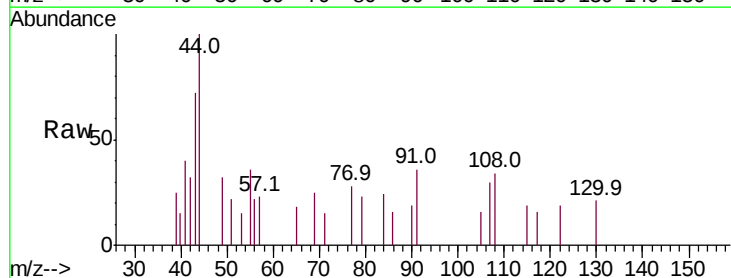
Tgt Ion:122 Resp: 565

Ion Ratio Lower Upper

122 100

105 88.4 106.8 146.8#

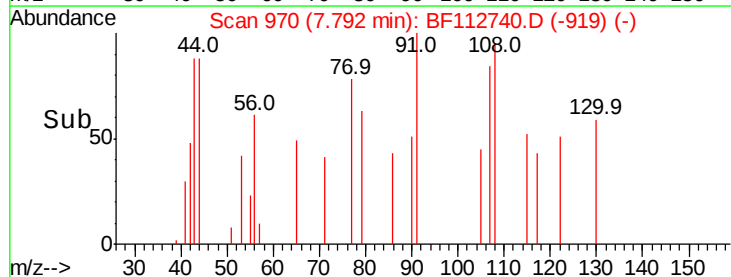
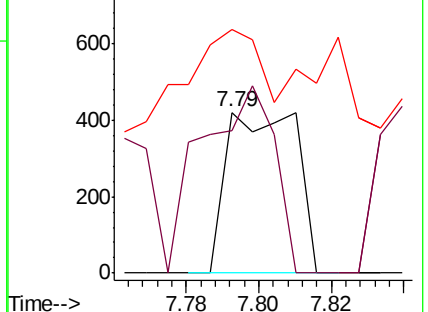
77 151.3 79.4 119.4#

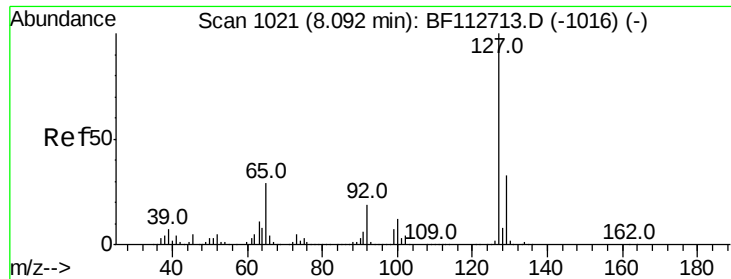


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

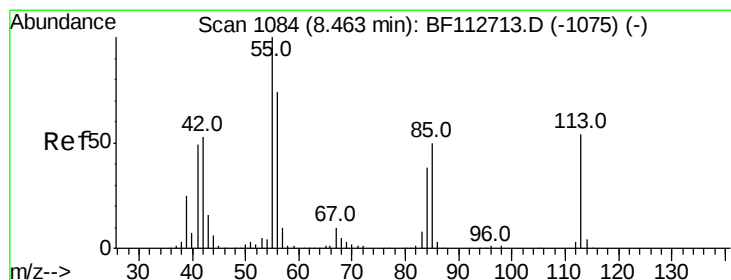
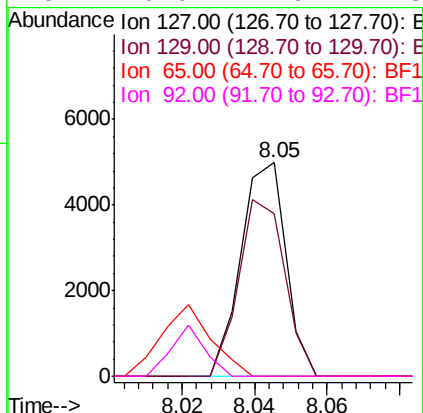
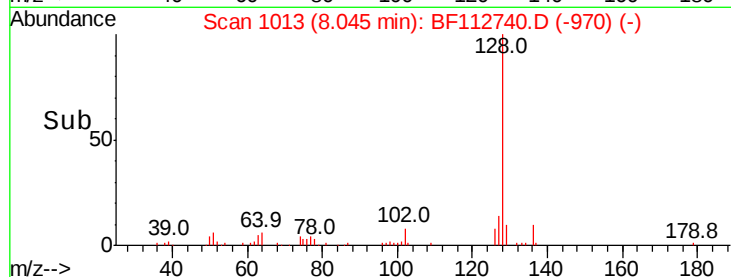
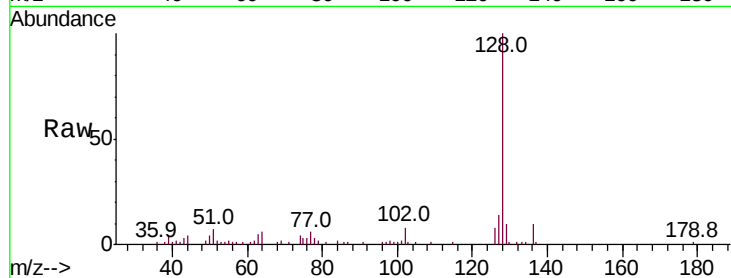




#33
4-Chloroaniline
Concen: 0.268 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.05 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

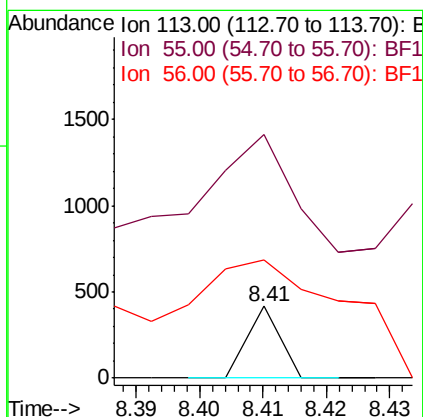
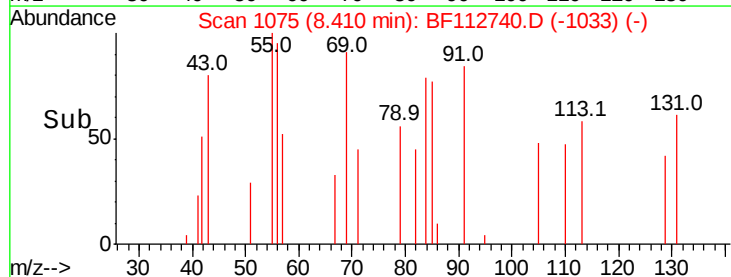
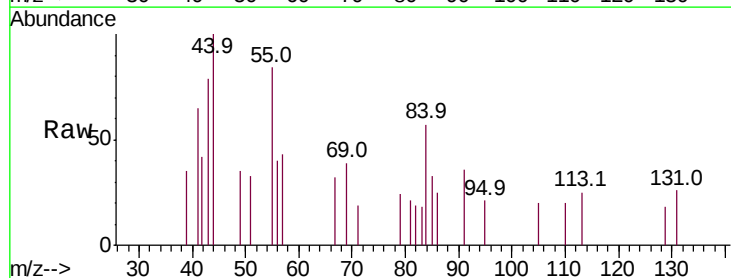
Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

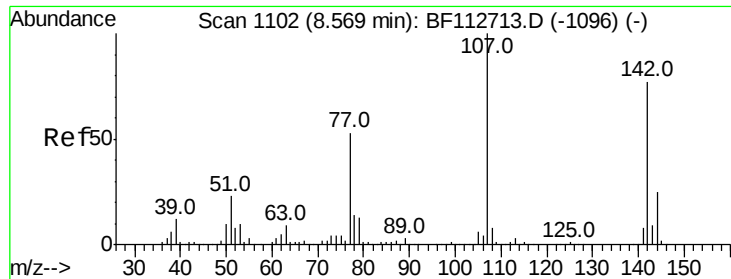
Tot Ion:127	Resp:	4298
Ion Ratio	Lower	Upper
127	100	
129	76.2	26.4 39.6#
65	0.0	23.1 34.7#
92	0.0	14.9 22.3#



#35
Caprolactam
Concen: 0.039 ng
RT: 8.41 min Scan# 1075
Delta R.T. -0.05 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion:113	Resp:	148
Ion Ratio	Lower	Upper
113	100	
55	337.8	163.5 203.5#
56	163.4	115.3 155.3#





#36

4-Chloro-3-methylphenol

Concen: 0.030 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.02 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

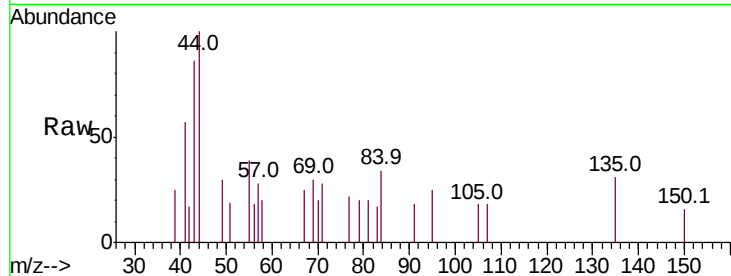
Tot Ion:107 Resp: 355

Ion Ratio Lower Upper

107 100

144 0.0 20.1 30.1#

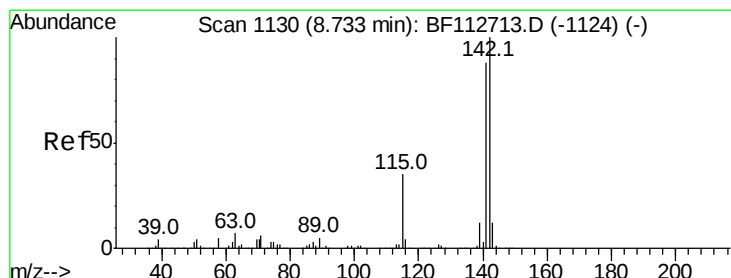
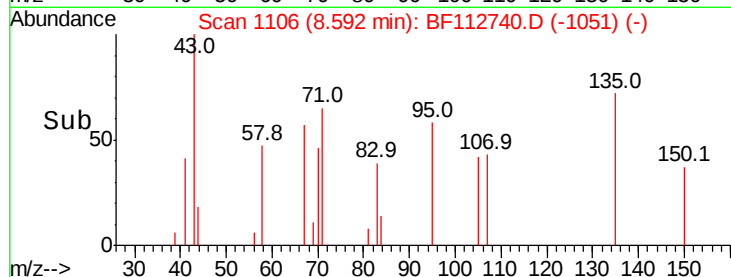
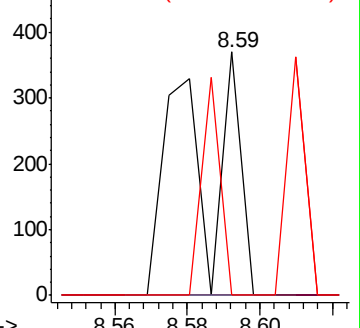
142 0.0 61.9 92.9#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 0.622 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

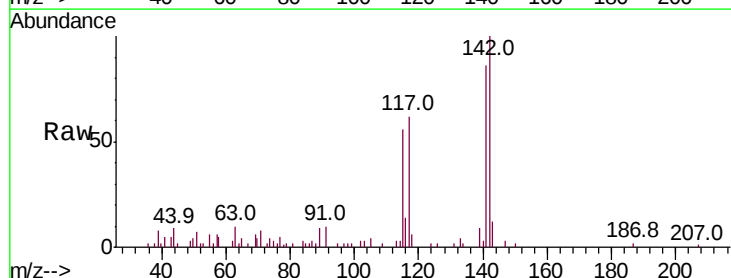
Tgt Ion:142 Resp: 15235

Ion Ratio Lower Upper

142 100

141 86.2 70.3 105.5

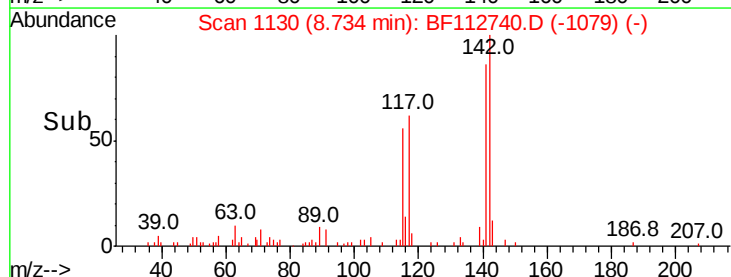
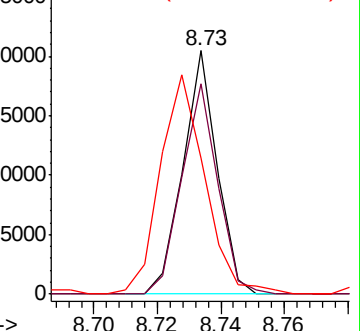
115 56.0 27.8 41.6#

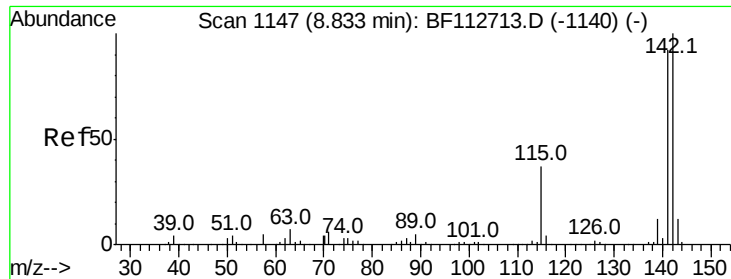


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

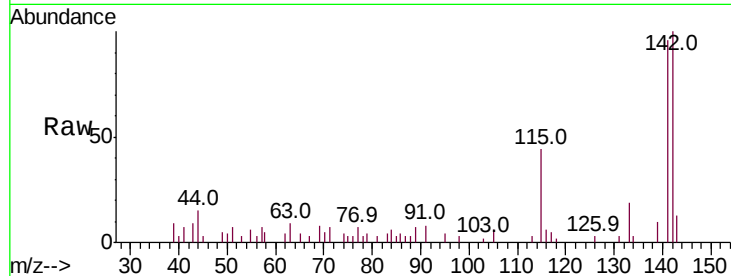




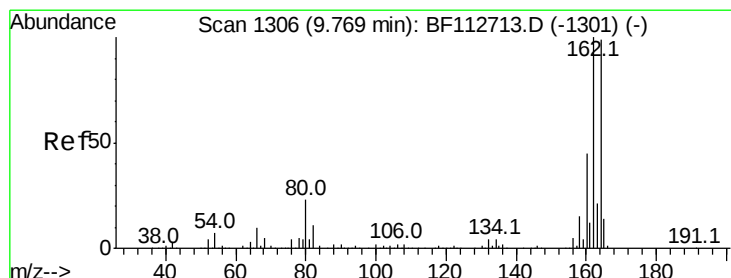
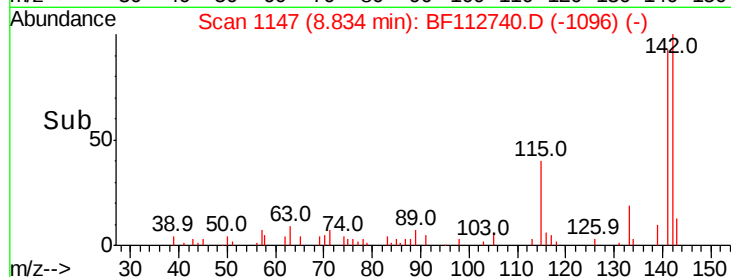
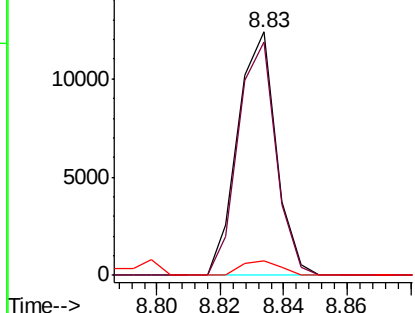
#38
1-Methylnaphthalene
Concen: 0.438 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion:142 Resp: 10383
Ion Ratio Lower Upper
142 100
141 95.6 73.7 110.5
116 6.0 3.1 4.7#

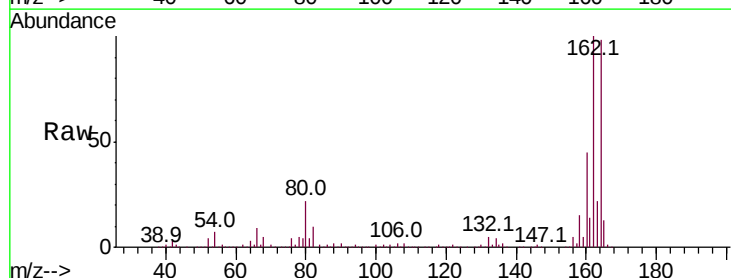


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

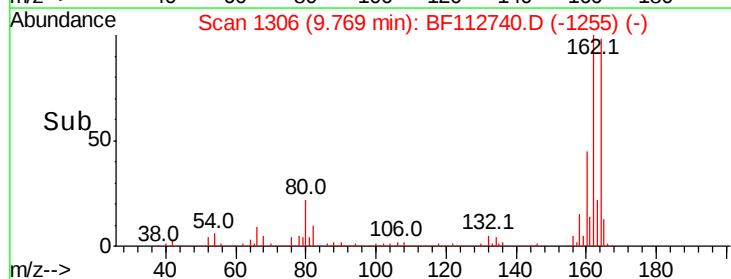
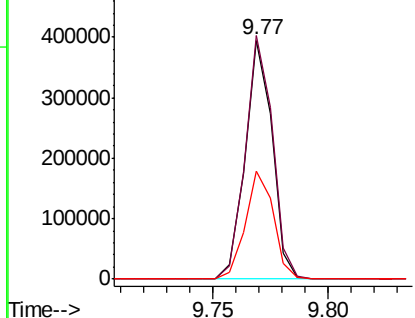


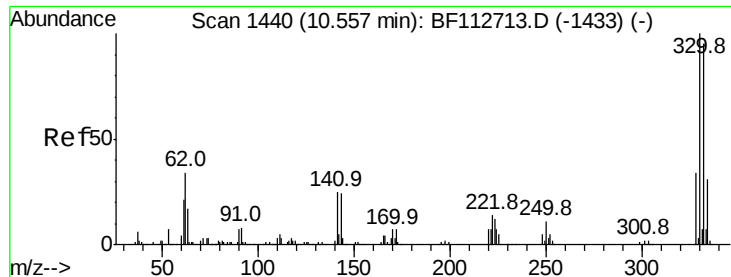
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion:164 Resp: 322313
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 45.4 36.0 54.0



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

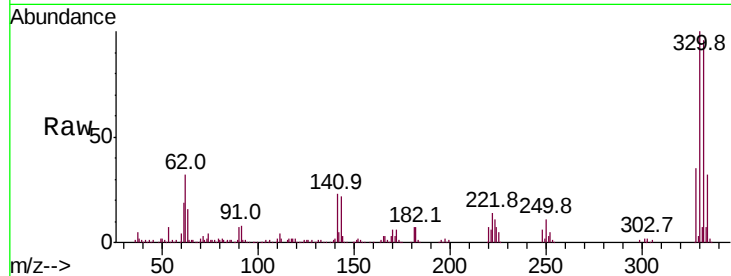




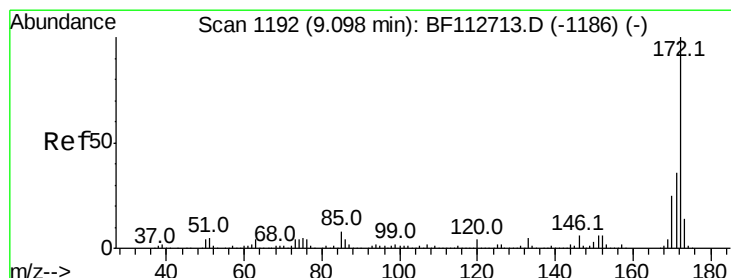
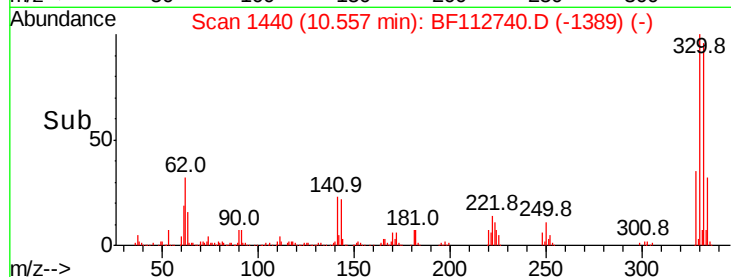
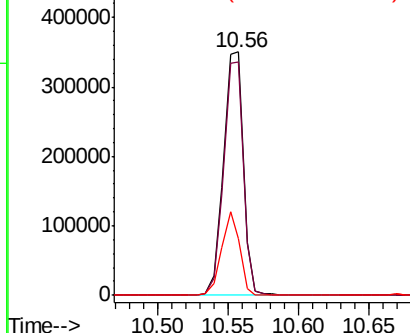
#42
 2,4,6-Tribromophenol
 Concen: 100.045 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112740.D
 Acq: 28 Feb 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B11

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	31.0	27.0	40.6

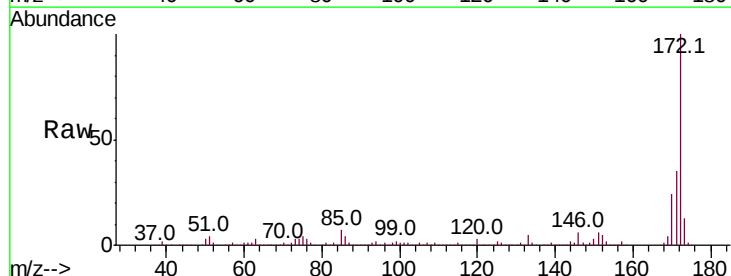


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

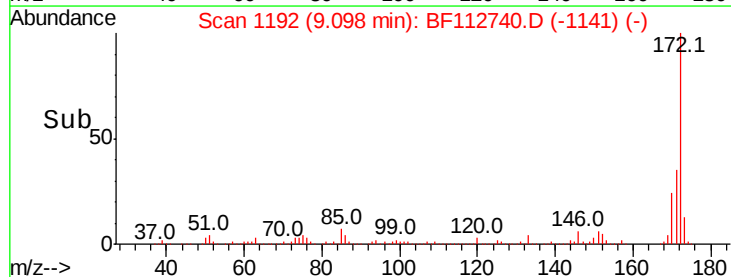
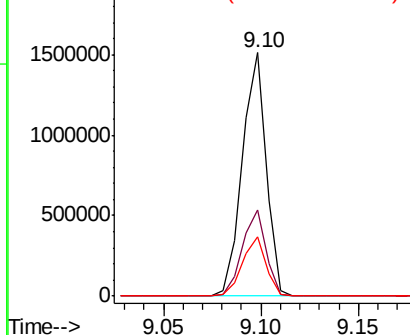


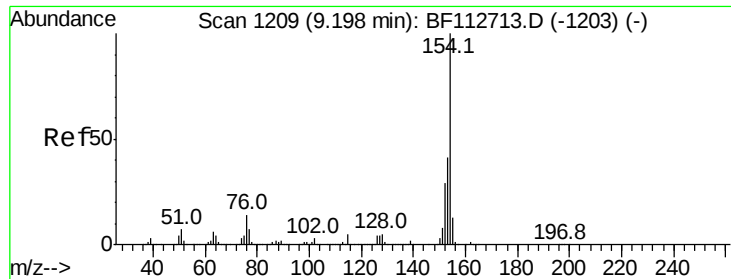
#45
 2-Fluorobiphenyl
 Concen: 65.079 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112740.D
 Acq: 28 Feb 2019 1:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	24.5	20.0	30.0



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: 0.315 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampled :

TP-CBF-B11

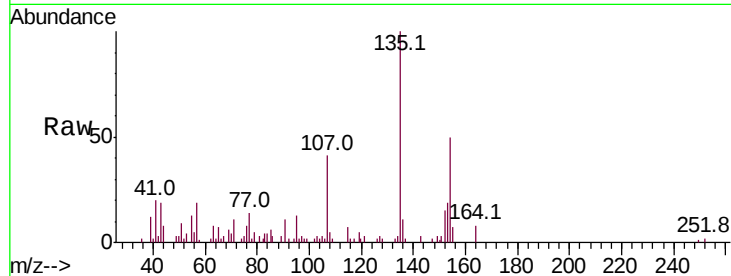
Tot Ion:154 Resp: 8282

Ion Ratio Lower Upper

154 100

153 38.0 20.8 60.8

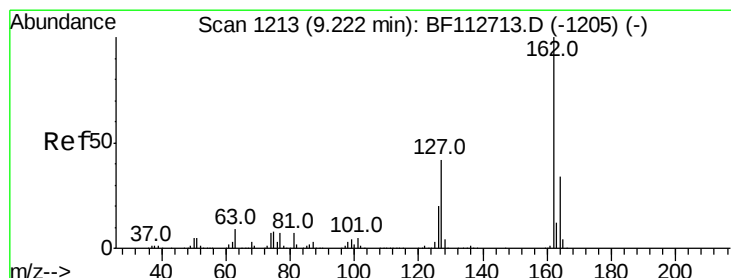
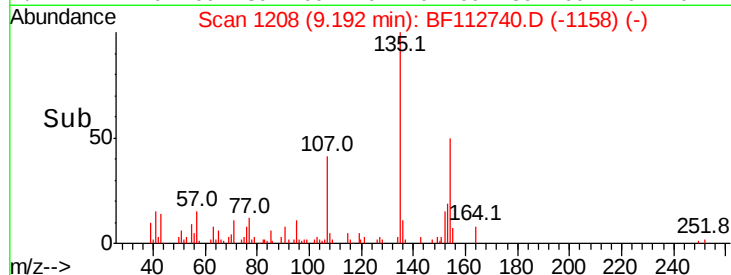
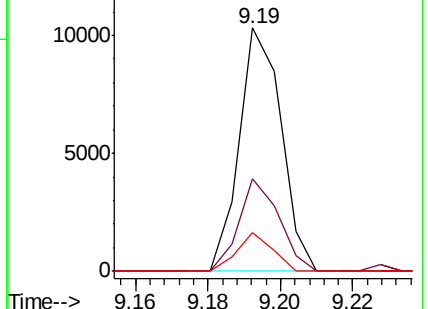
76 16.0 0.0 33.8



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: 0.011 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.08 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

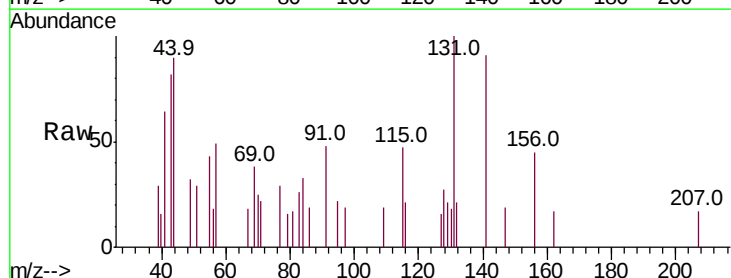
Tgt Ion:162 Resp: 224

Ion Ratio Lower Upper

162 100

127 93.7 33.4 50.2#

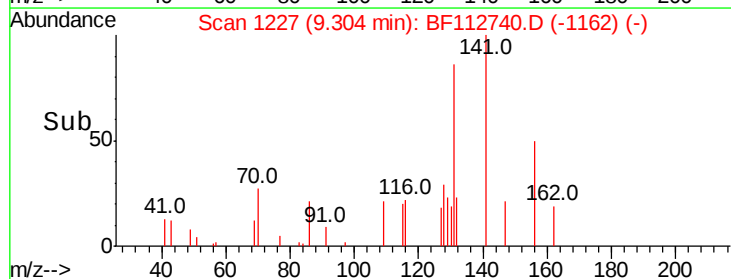
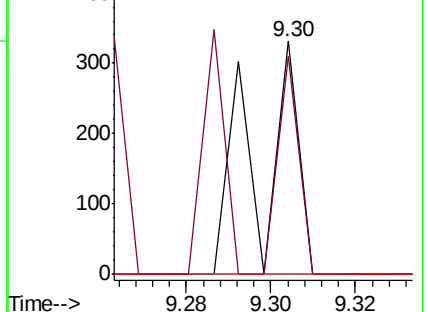
164 0.0 26.9 40.3#

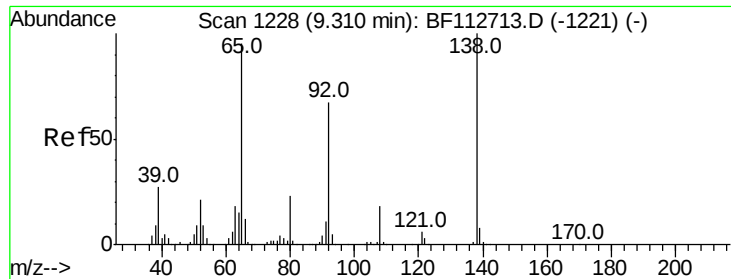


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

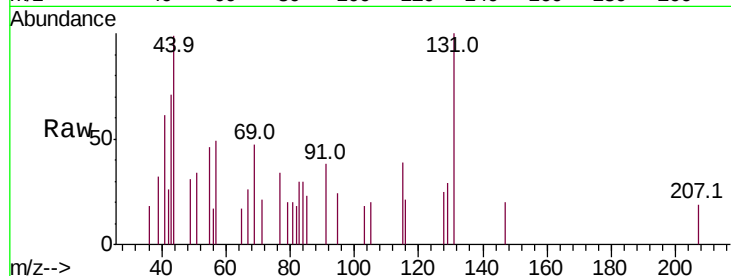




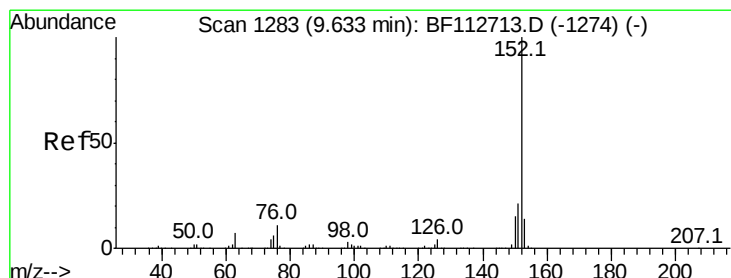
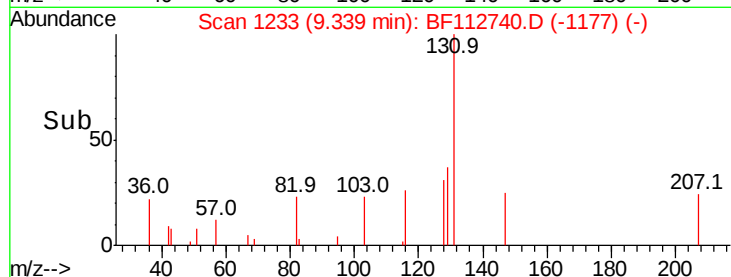
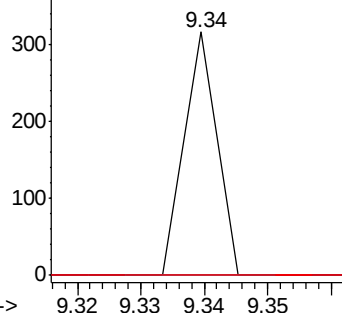
#48
2-Nitroaniline
Concen: 0.018 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.03 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion: 65 Resp: 112
Ion Ratio Lower Upper
65 100
92 0.0 56.4 84.6#
138 0.0 84.6 126.8#

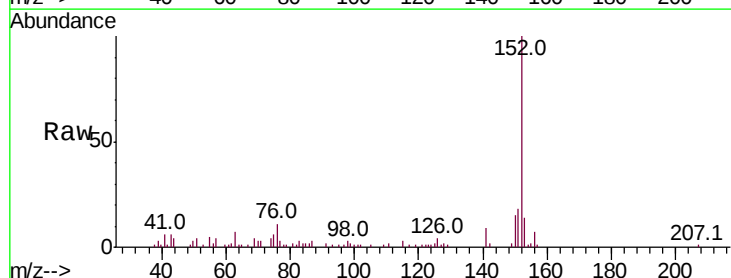


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

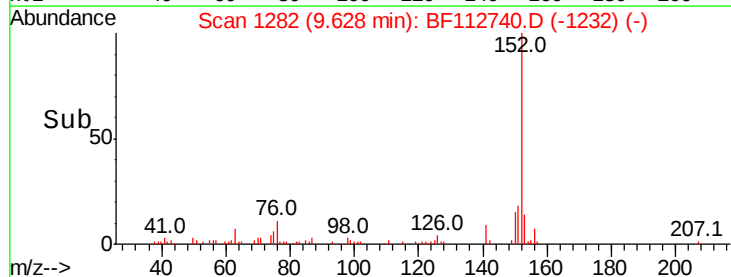
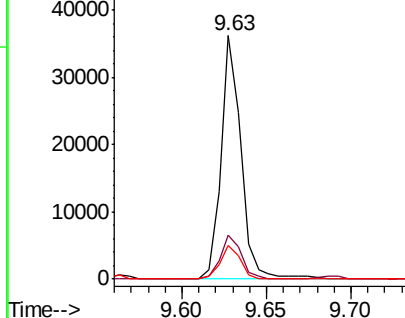


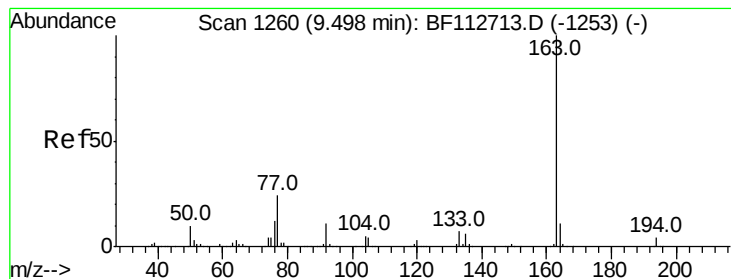
#49
Acenaphthylene
Concen: 0.856 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion: 152 Resp: 29848
Ion Ratio Lower Upper
152 100
151 18.3 16.9 25.3
153 13.6 11.0 16.6



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: 4.895 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

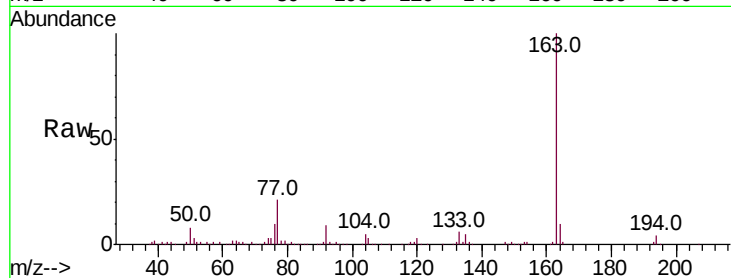
Tot Ion:163 Resp: 116325

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

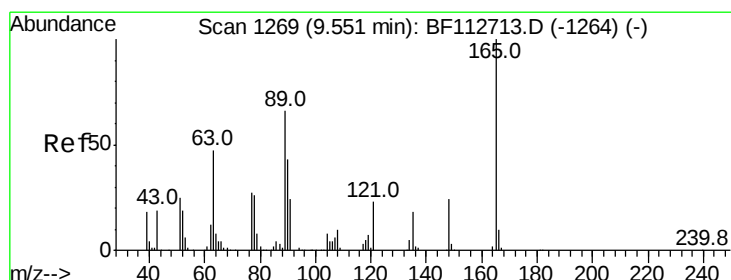
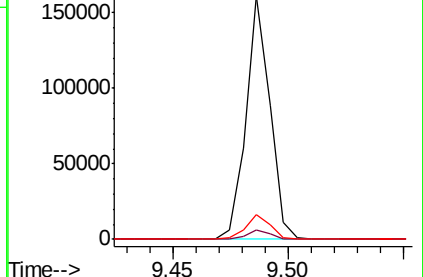
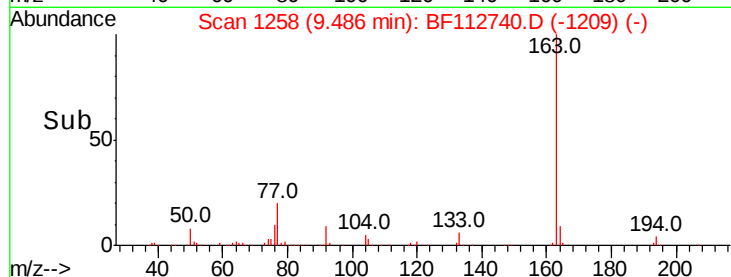
164 9.9 8.4 12.6



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: 8.534 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.22 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

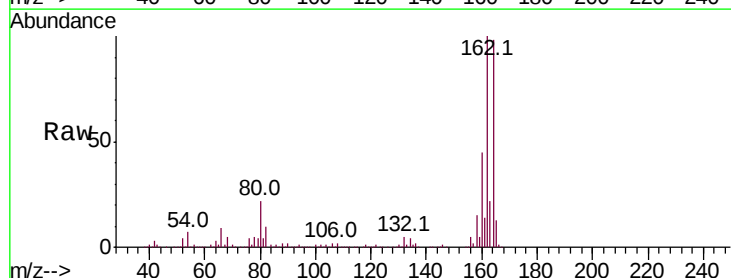
Tgt Ion:165 Resp: 42236

Ion Ratio Lower Upper

165 100

63 1.5 54.1 81.1#

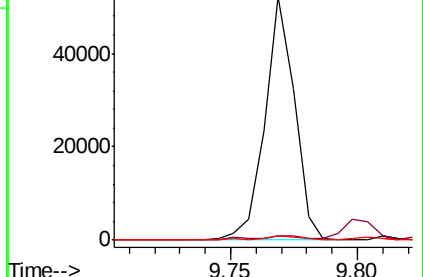
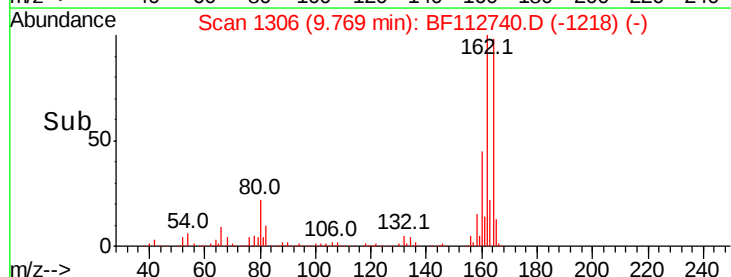
89 1.9 52.8 79.2#

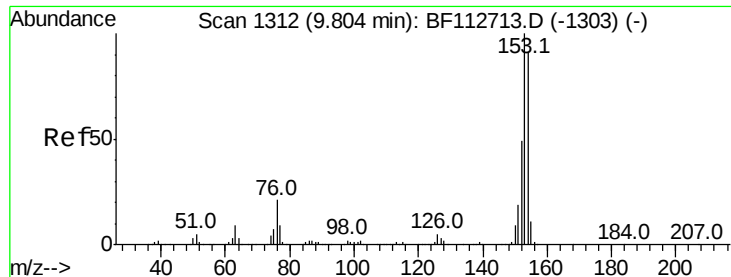


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 2.224 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

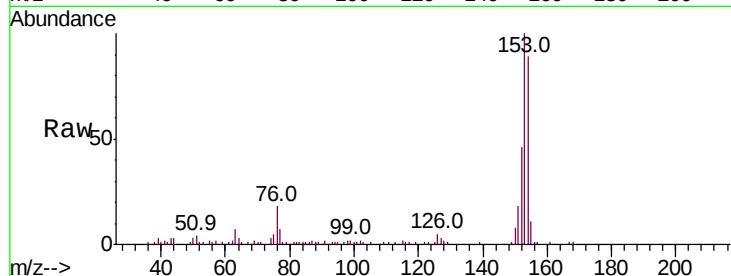
Tot Ion:154 Resp: 45316

Ion Ratio Lower Upper

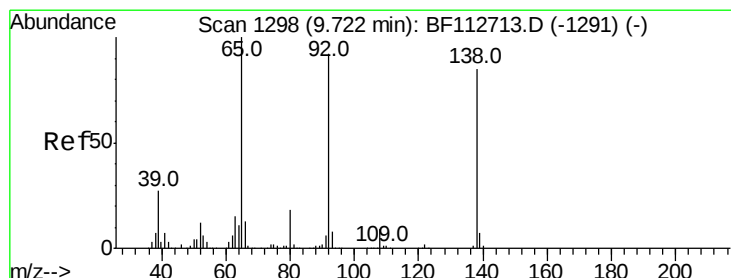
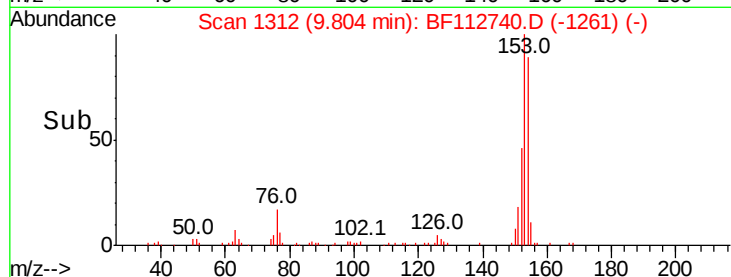
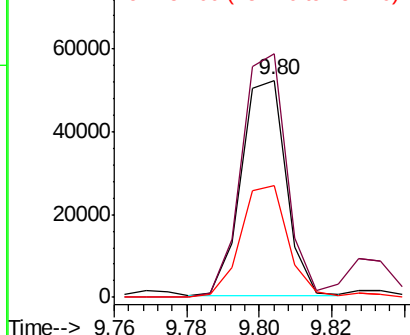
154 100

153 112.3 87.8 131.8

152 51.5 43.0 64.6



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: 0.018 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.02 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

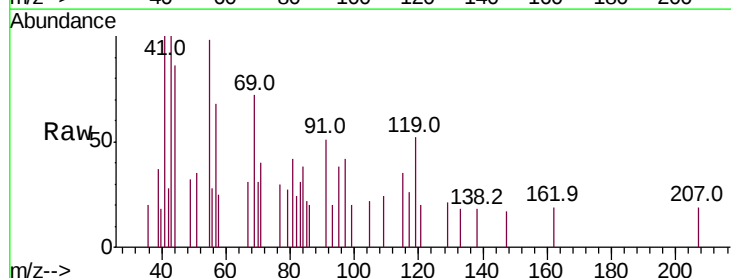
Tgt Ion:138 Resp: 110

Ion Ratio Lower Upper

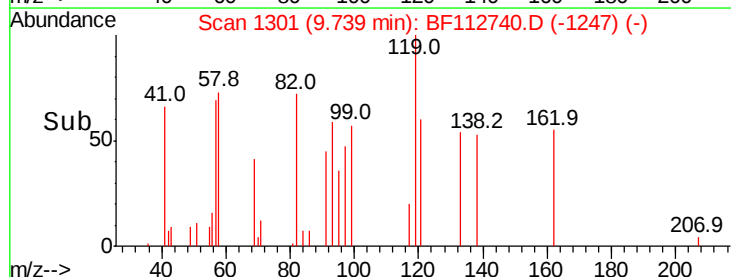
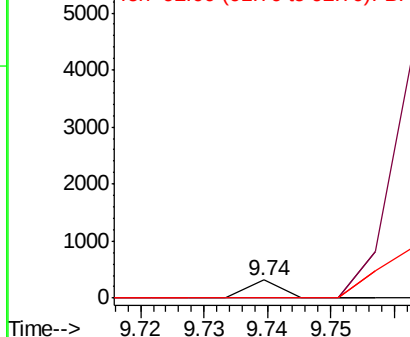
138 100

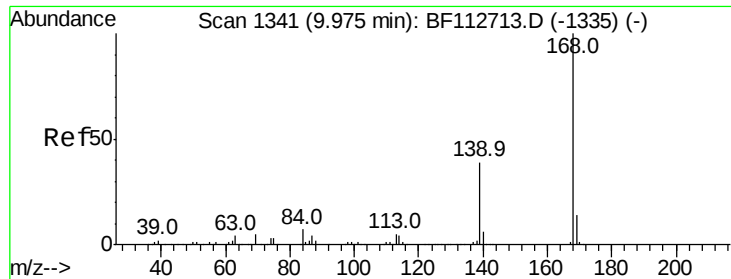
108 0.0 8.6 13.0#

92 0.0 86.6 129.8#



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

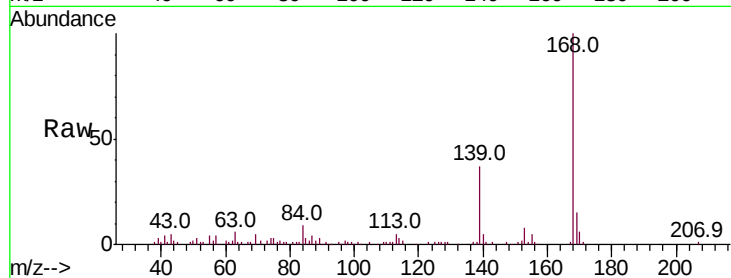




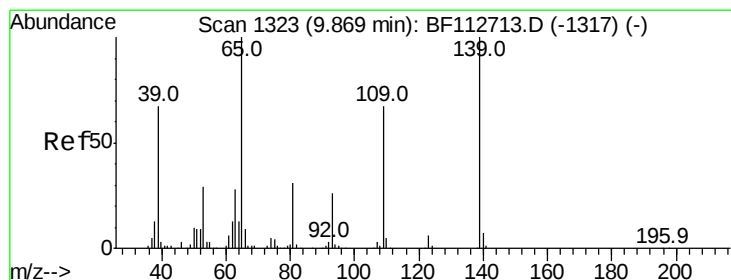
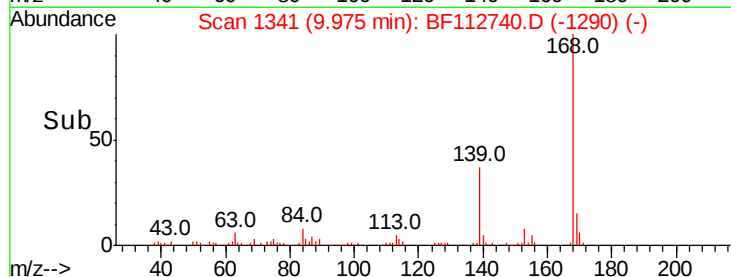
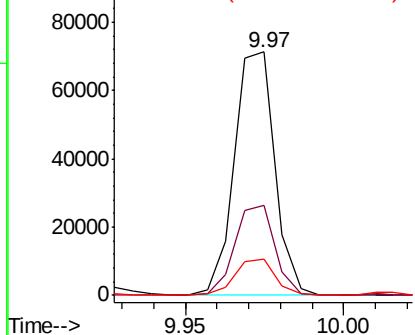
#55
Dibenzenofuran
Concen: 2.117 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion:168 Resp: 62703
Ion Ratio Lower Upper
168 100
139 36.8 31.3 46.9
169 14.7 11.3 16.9

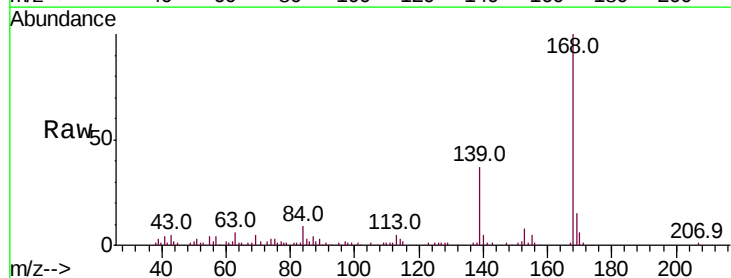


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

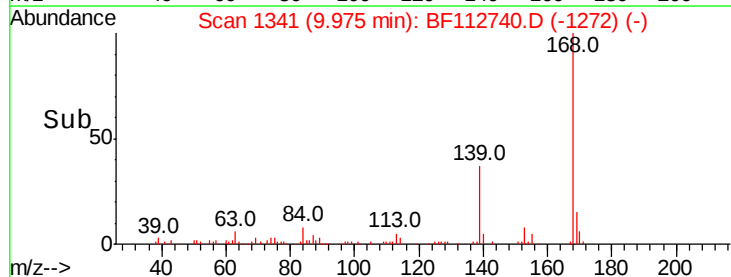
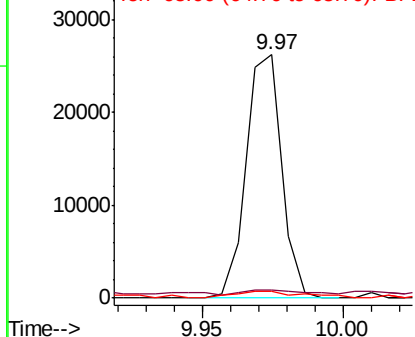


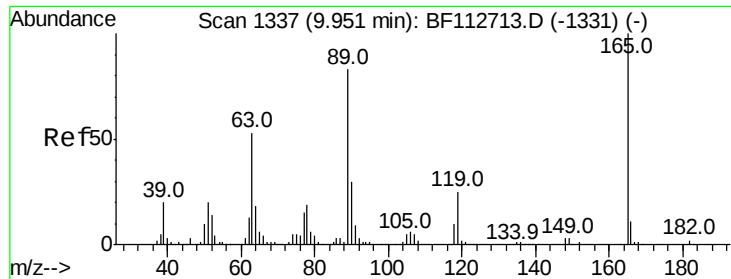
#56
4-Nitrophenol
Concen: 4.667 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.11 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion:139 Resp: 22873
Ion Ratio Lower Upper
139 100
109 3.4 46.8 86.8#
65 2.7 80.7 120.7#



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

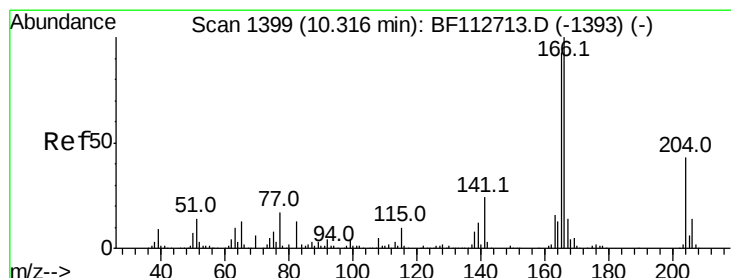
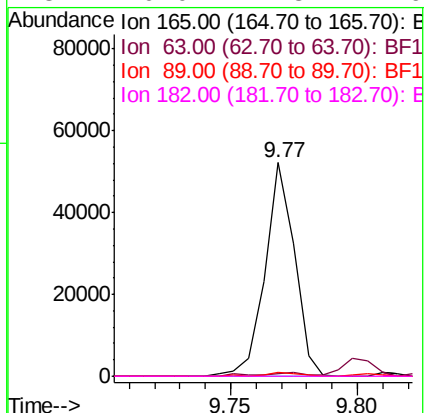
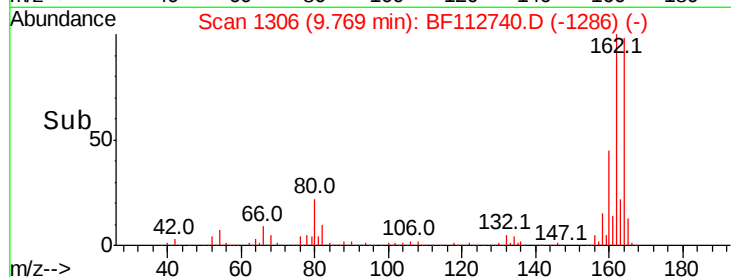
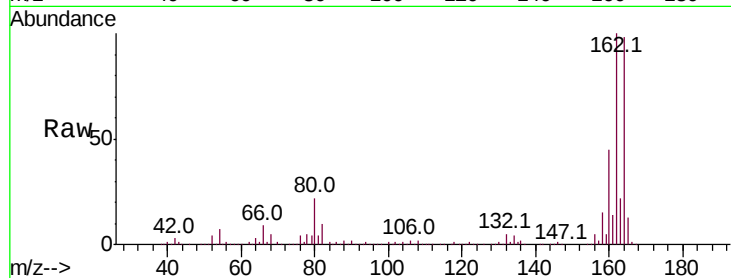




#57
2,4-Dinitrotoluene
Concen: 6.866 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

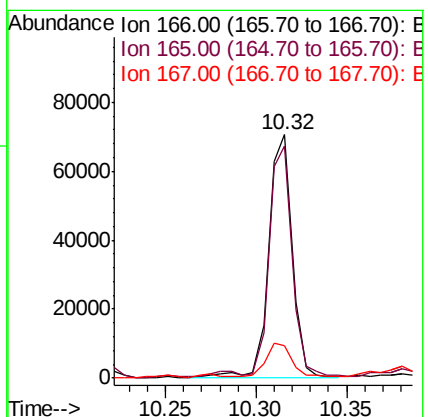
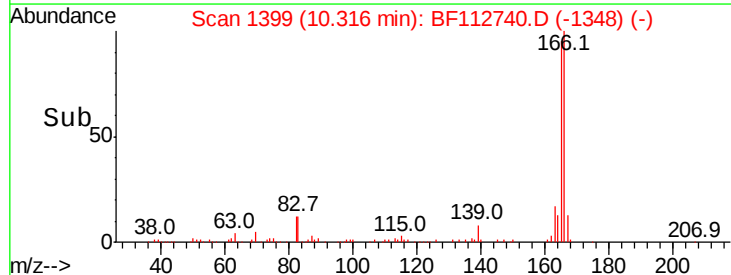
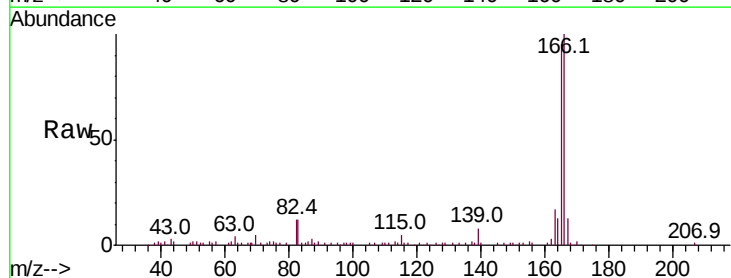
Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

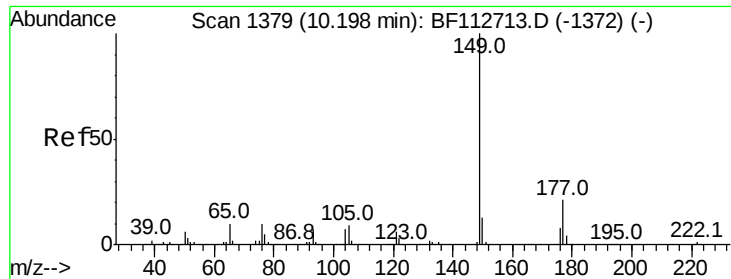
Tot Ion:165 Resp: 42236
Ion Ratio Lower Upper
165 100
63 1.5 42.2 63.2#
89 1.9 66.2 99.4#
182 0.0 1.8 2.6#



#58
Fluorene
Concen: 3.062 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion:166 Resp: 64370
Ion Ratio Lower Upper
166 100
165 95.2 74.7 112.1
167 13.2 11.0 16.6

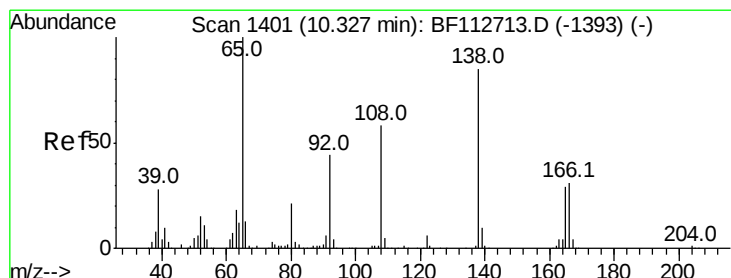
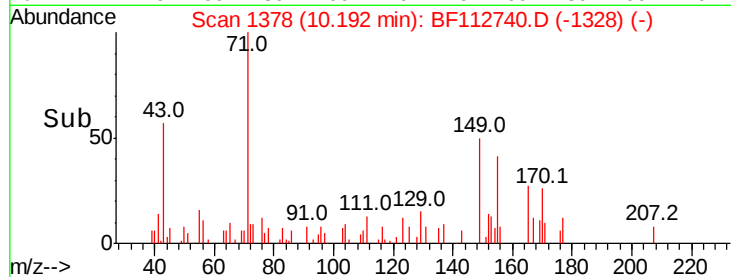
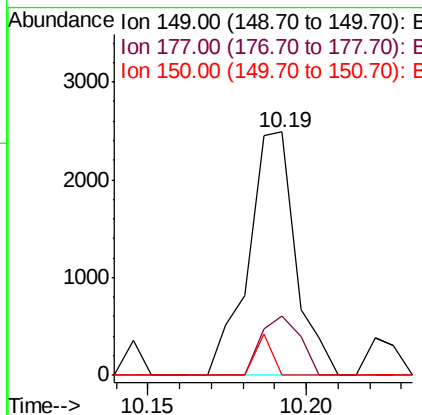
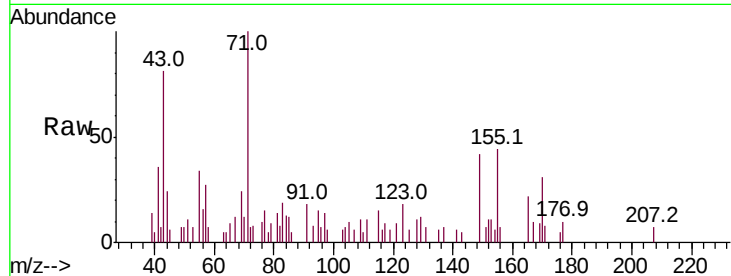




#60
Diethylphthalate
Concen: 0.103 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

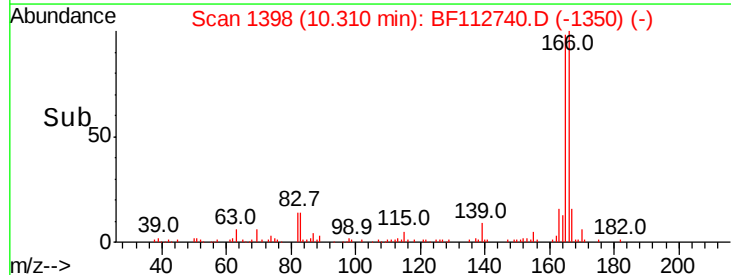
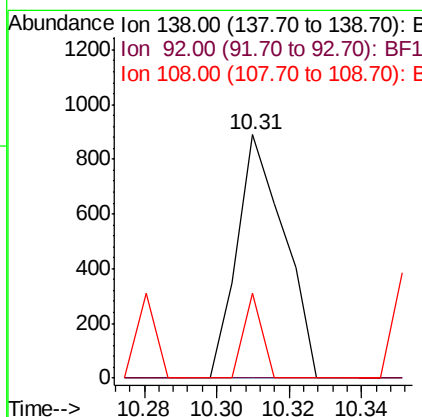
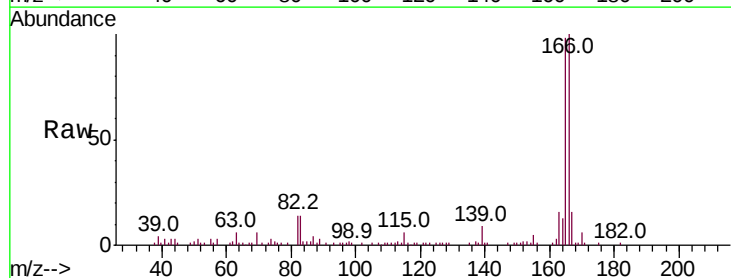
Instrument :
BNA_F
ClientSampled :
TP-CBF-B11

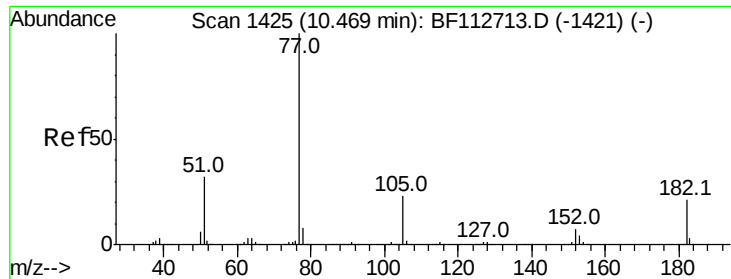
Tot Ion:149 Resp: 2590
Ion Ratio Lower Upper
149 100
177 24.1 17.0 25.6
150 0.0 10.0 15.0#



#62
4-Nitroaniline
Concen: 0.144 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion:138 Resp: 803
Ion Ratio Lower Upper
138 100
92 0.0 31.3 71.3#
108 34.6 48.1 88.1#

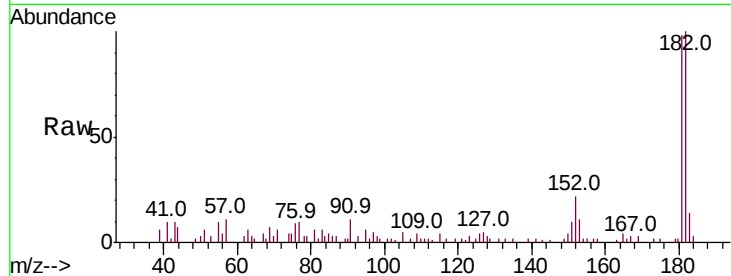




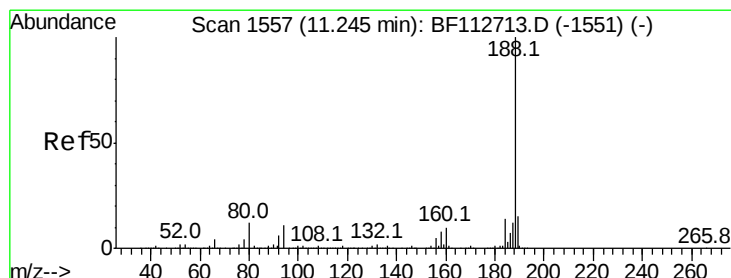
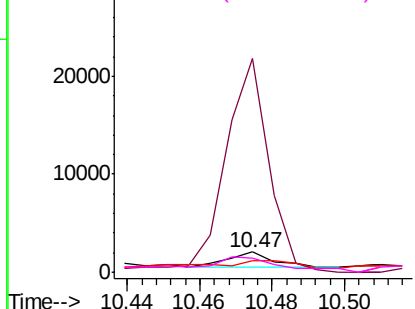
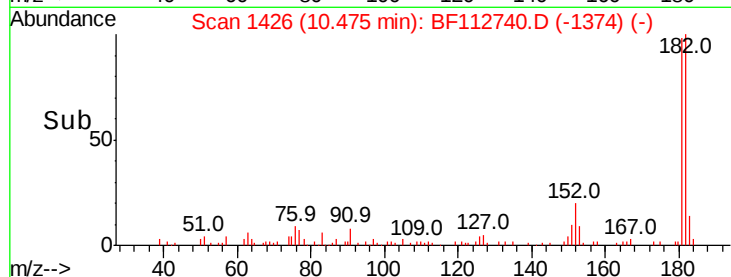
#63
Azobenzene
Concen: 0.051 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion: 77 Resp: 1324
Ion Ratio Lower Upper
77 100
182 1047.2 1.4 41.4#
105 54.2 2.6 42.6#
51 66.5 12.0 52.0#

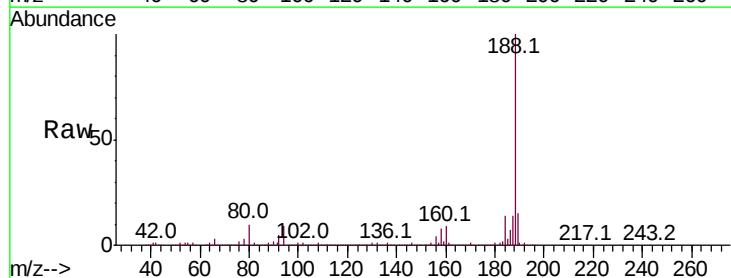


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

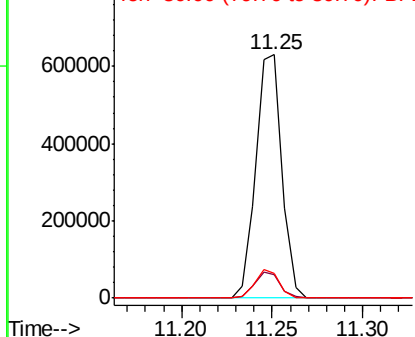
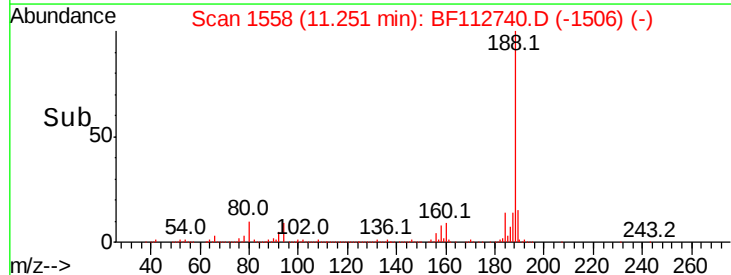


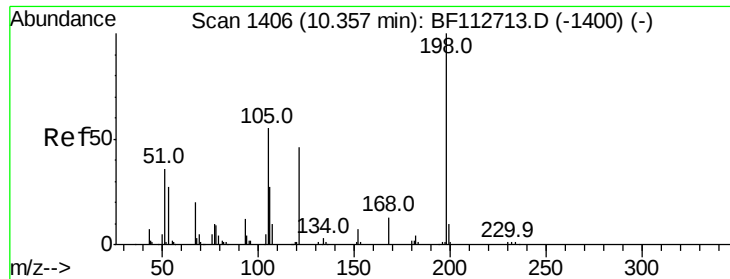
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion: 188 Resp: 628790
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 9.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

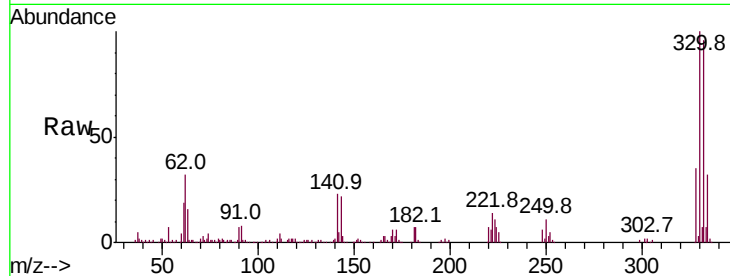




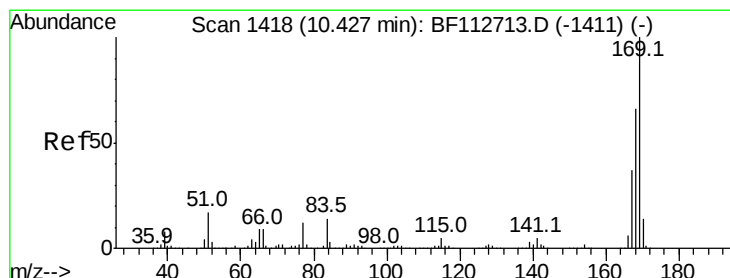
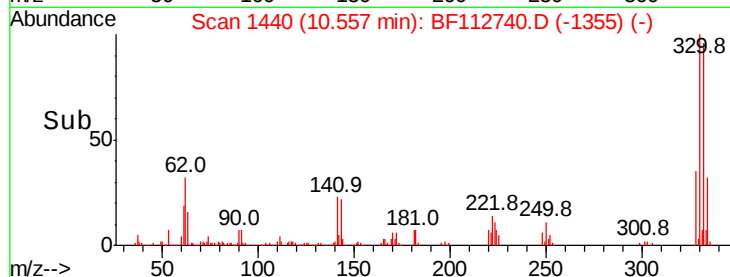
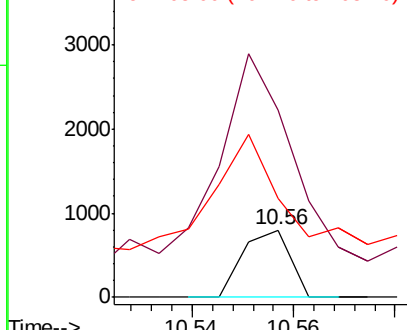
#65
4,6-Dinitro-2-methylphenol
Concen: 4.793 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tot Ion:198 Resp: 515
Ion Ratio Lower Upper
198 100
51 278.7 43.8 83.8#
105 147.7 36.5 76.5#

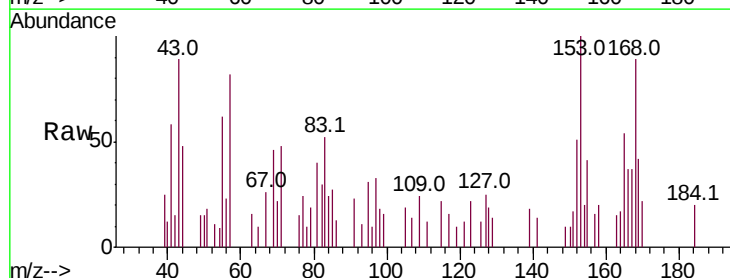


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

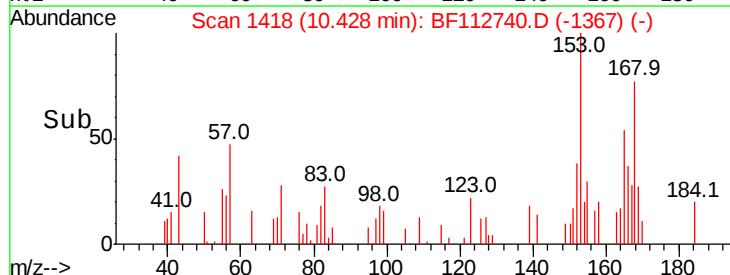
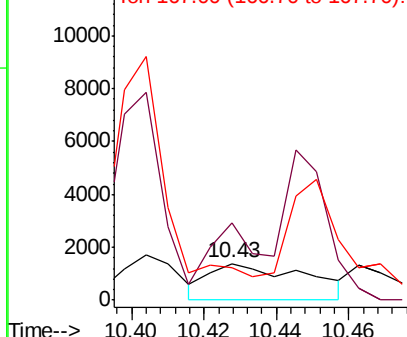


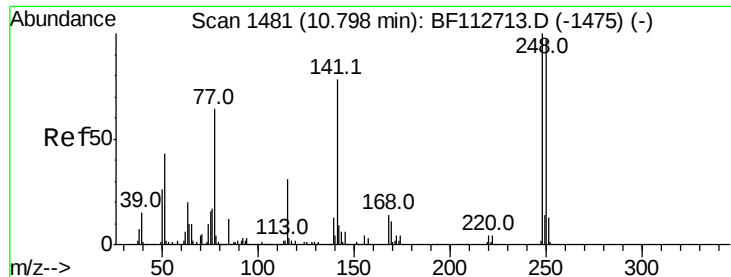
#66
n-Nitrosodiphenylamine
Concen: 0.127 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion:169 Resp: 2557
Ion Ratio Lower Upper
169 100
168 211.5 53.0 79.6#
167 88.8 29.3 43.9#



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

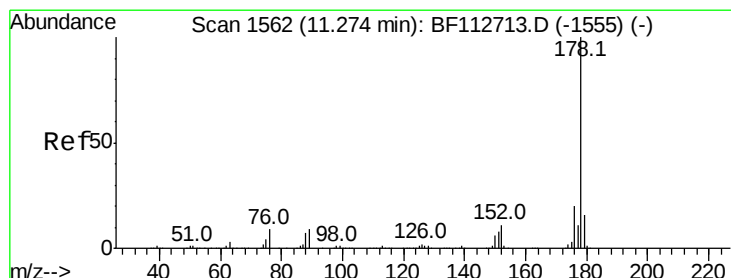
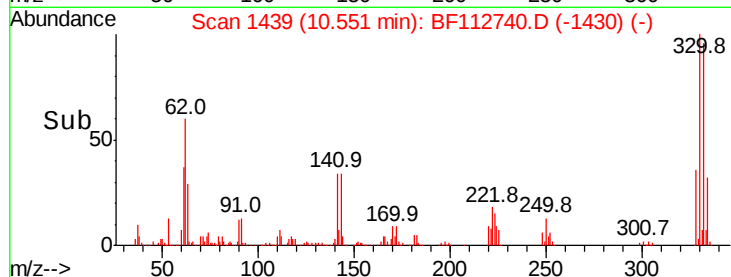
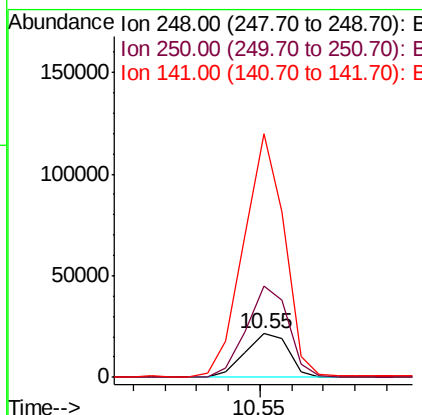
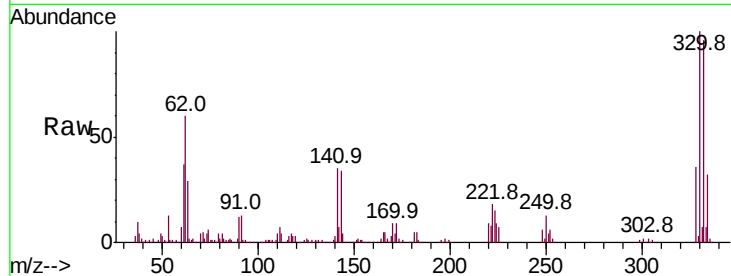




#67
 4-Bromophenyl-phenylether
 Concen: 3.101 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF112740.D
 Acq: 28 Feb 2019 1:13

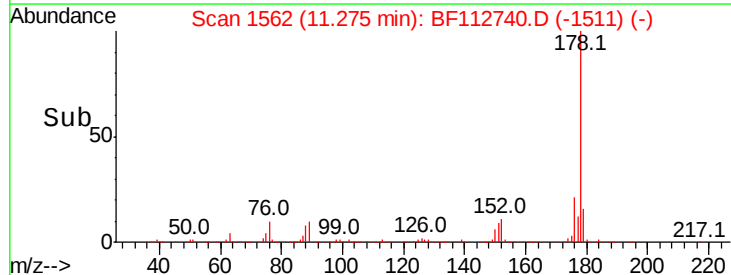
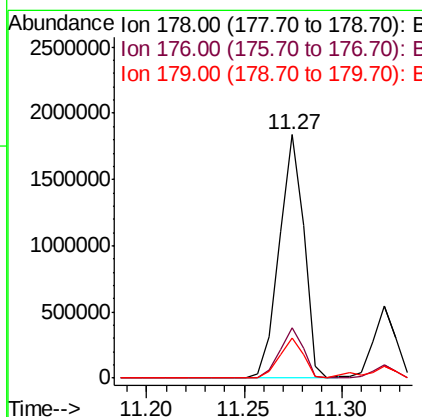
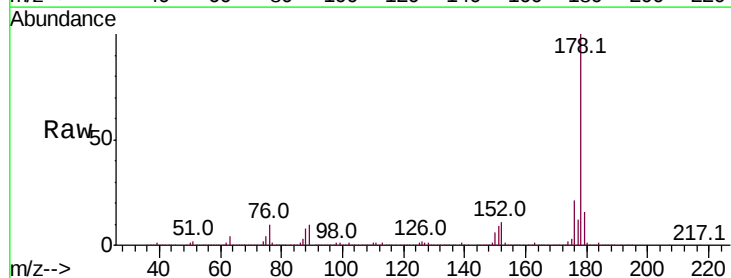
Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B11

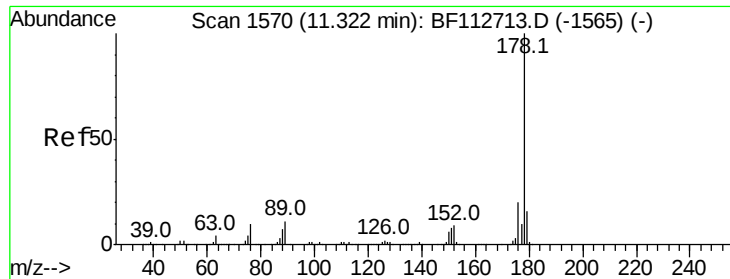
Tot Ion:248 Resp: 20536
 Ion Ratio Lower Upper
 248 100
 250 211.3 77.5 116.3#
 141 561.2 62.4 93.6#



#71
 Phenanthrene
 Concen: 51.424 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF112740.D
 Acq: 28 Feb 2019 1:13

Tgt Ion:178 Resp: 1608797
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.3 24.5
 179 16.5 12.7 19.1





#72

Anthracene

Concen: 12.889 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

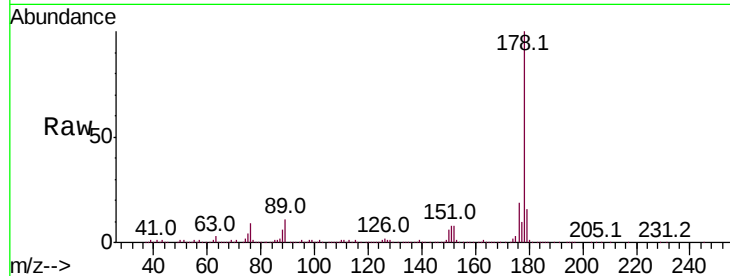
BNA_F

ClientSampleId :

TP-CBF-B11

Tot Ion:178 Resp: 422096

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.9	13.0	19.6

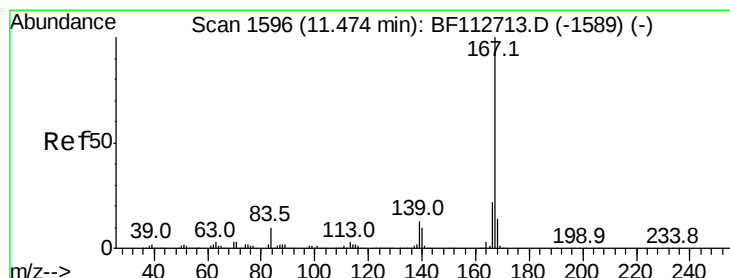
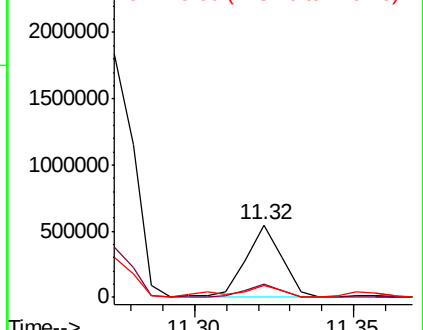
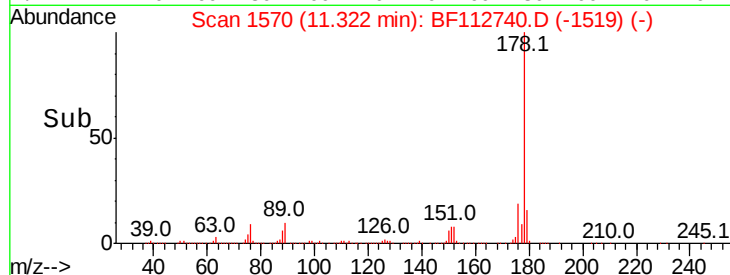


Abundance

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: 7.006 ng

RT: 11.47 min Scan# 1596

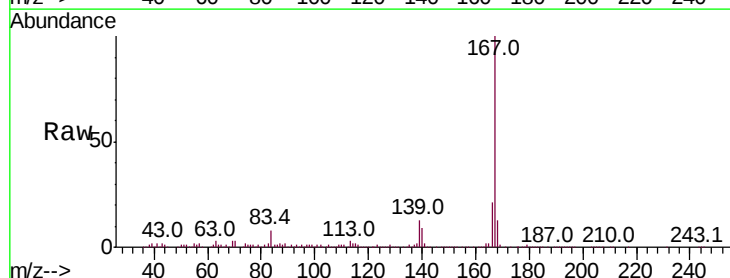
Delta R.T. 0.00 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Tgt Ion:167 Resp: 223811

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.5	26.3
139	12.8	10.8	16.2

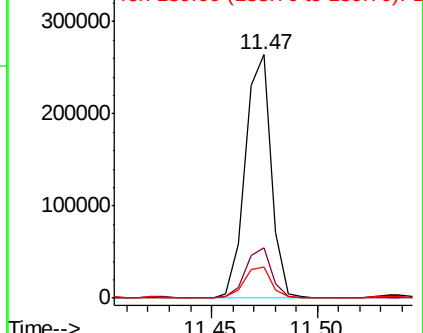
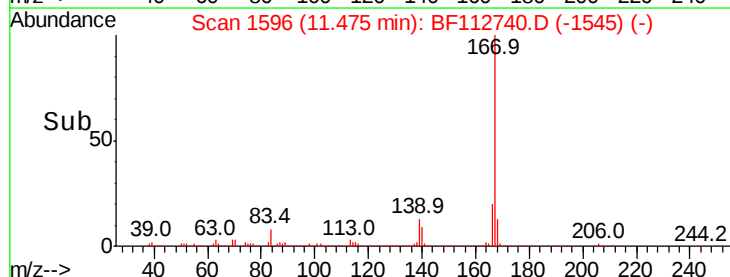


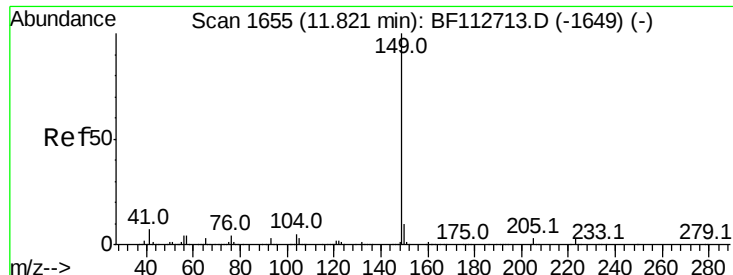
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.396 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

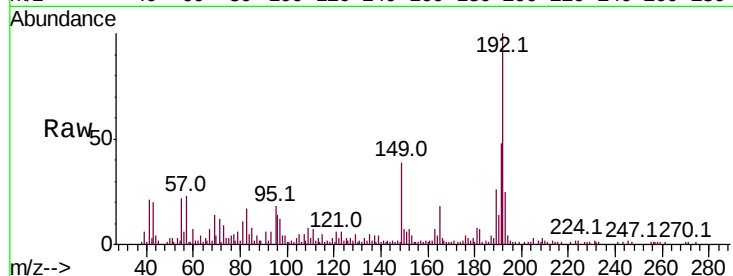
Tot Ion:149 Resp: 15179

Ion Ratio Lower Upper

149 100

150 16.7 7.6 11.4#

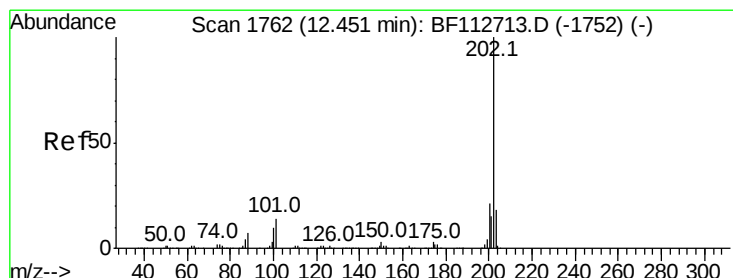
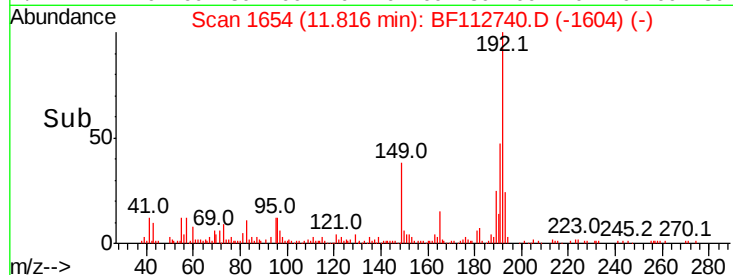
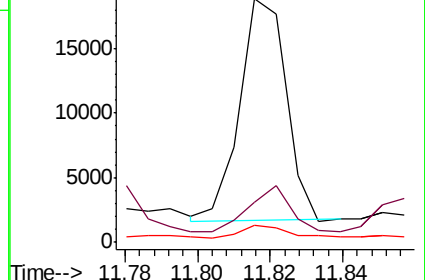
104 7.0 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 63.538 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

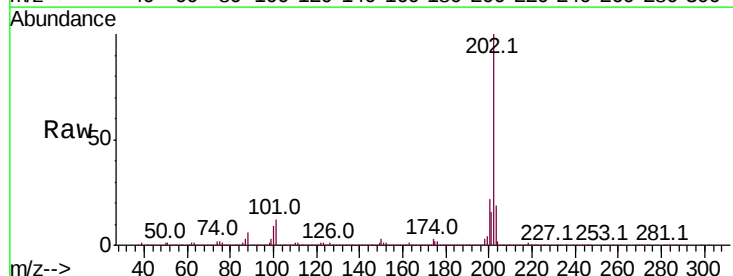
Tgt Ion:202 Resp: 2129668

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.8

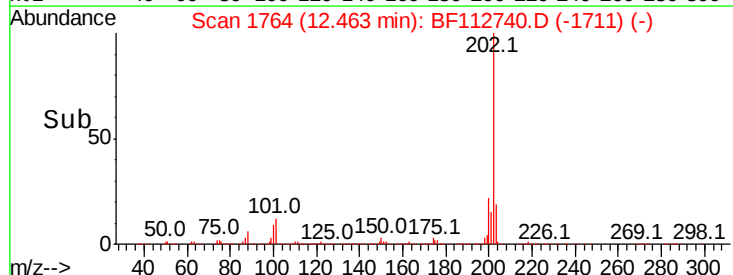
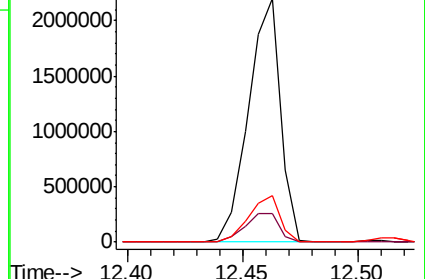
203 18.9 0.0 38.4

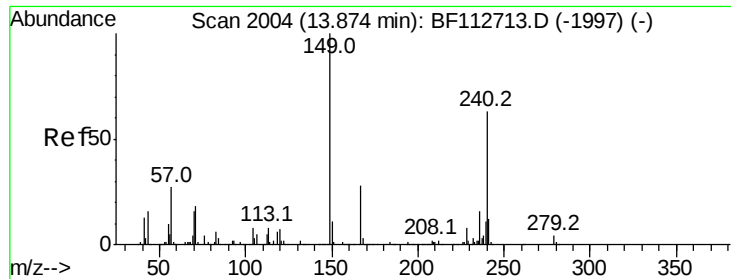


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

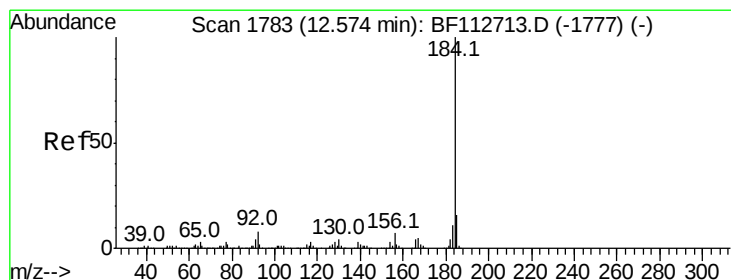
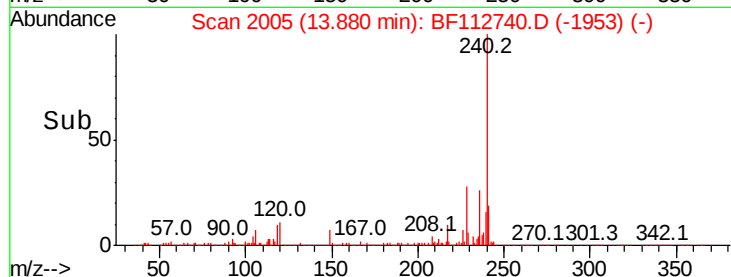
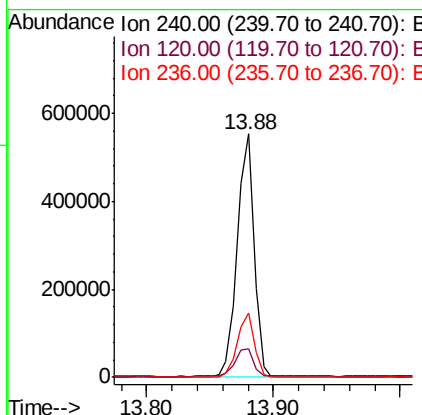
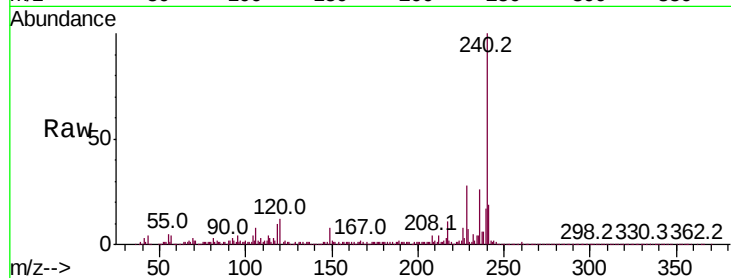




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

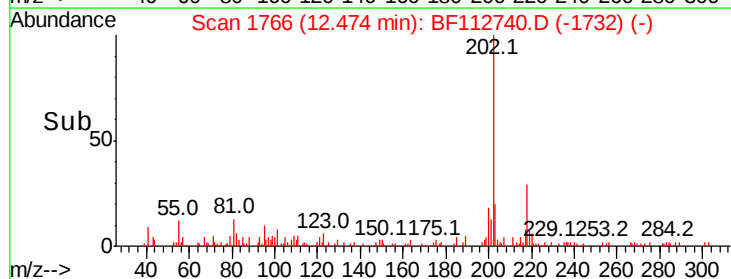
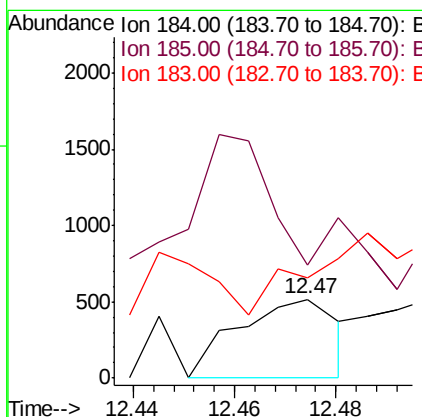
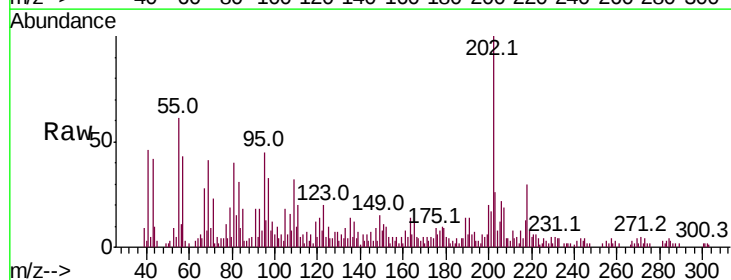
Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

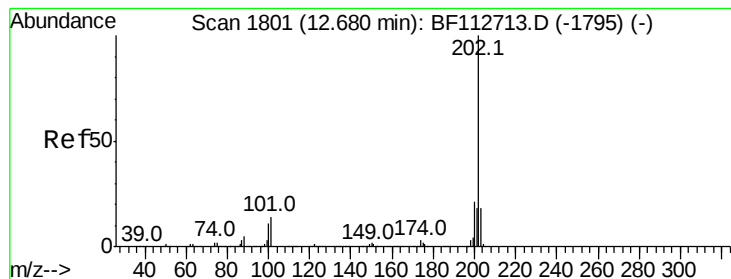
Tot Ion:240 Resp: 503398
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.5 20.7 31.1



#77
Benzidine
Concen: 0.027 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.10 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion:184 Resp: 707
Ion Ratio Lower Upper
184 100
185 143.1 12.6 18.8#
183 127.0 8.6 12.8#





#78

Pvrene

Concen: 46.262 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

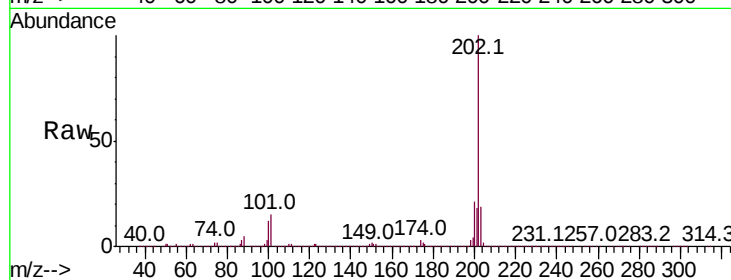
Tot Ion:202 Resp: 1963243

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

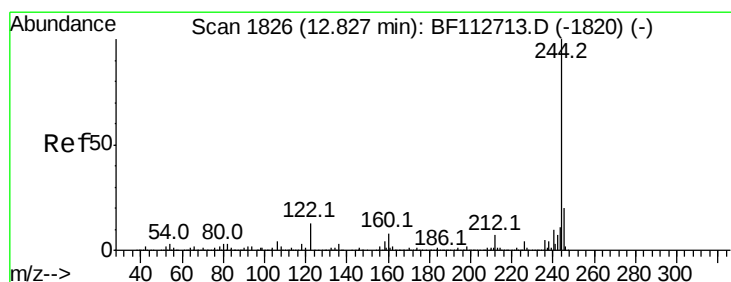
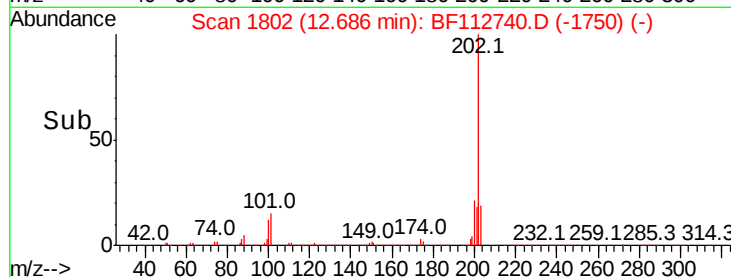
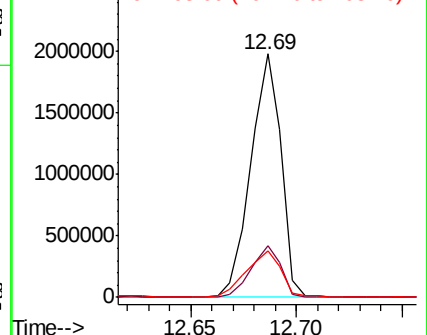
203 19.0 14.4 21.6



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: 49.473 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

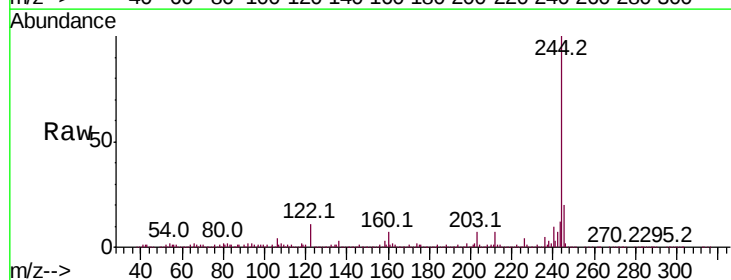
Tgt Ion:244 Resp: 1284750

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

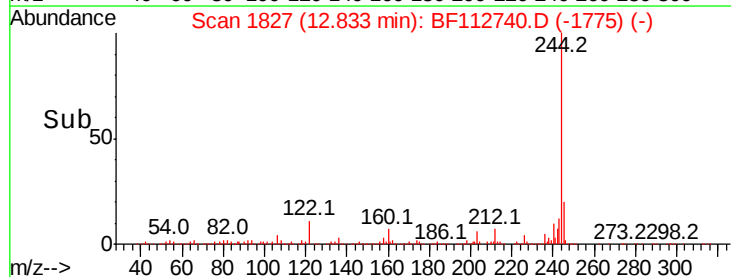
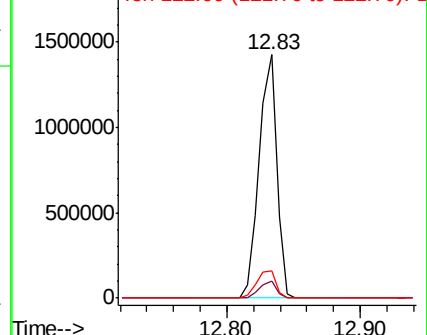
122 11.4 10.5 15.7

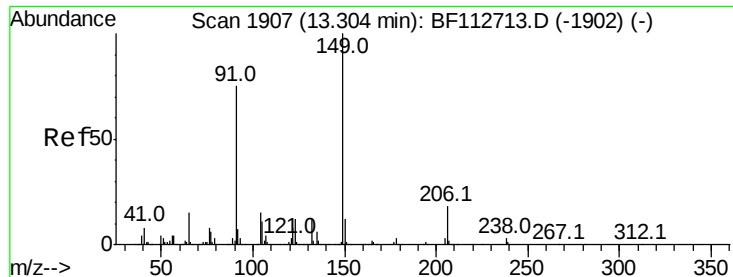


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 0.181 ng

RT: 13.31 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

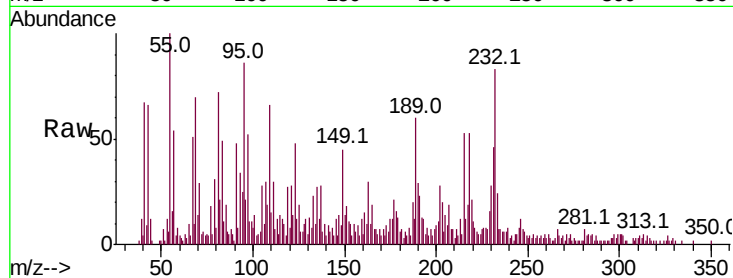
Tot Ion:149 Resp: 3392

Ion Ratio Lower Upper

149 100

91 106.7 59.9 89.9#

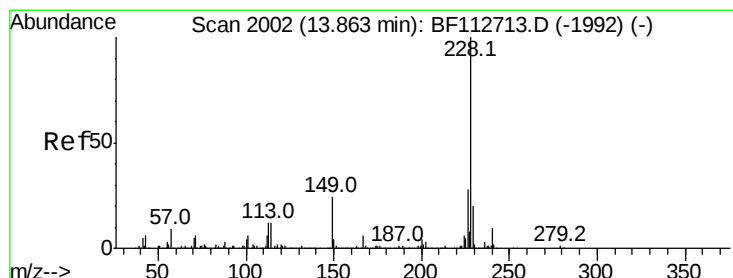
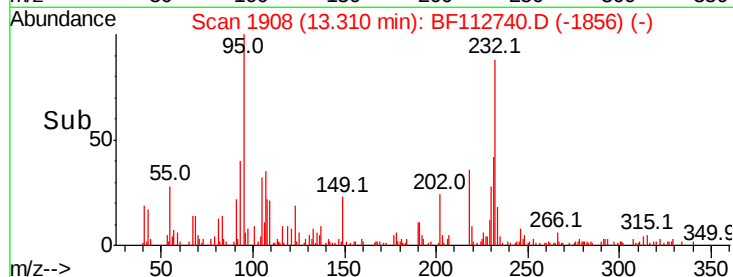
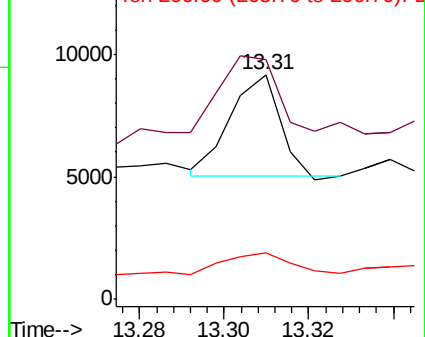
206 20.5 14.7 22.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 27.795 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

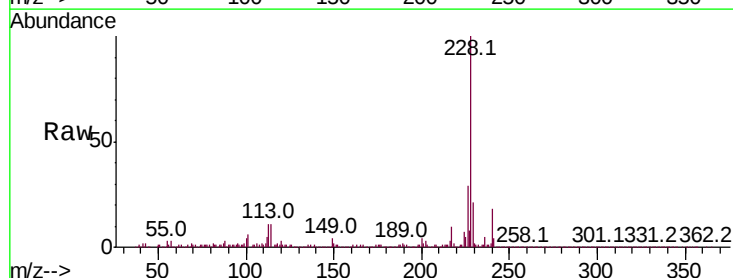
Tgt Ion:228 Resp: 969740

Ion Ratio Lower Upper

228 100

226 28.8 22.2 33.4

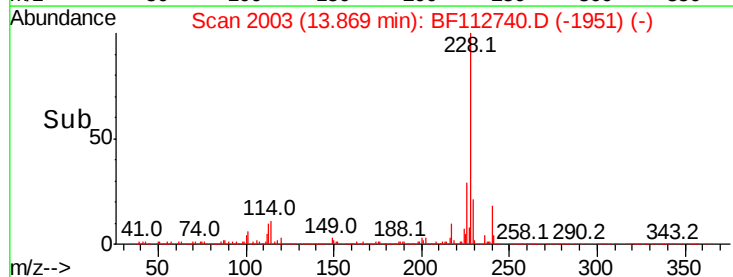
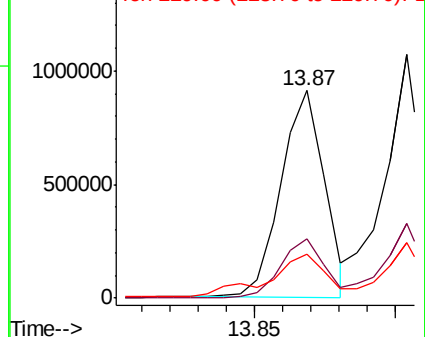
229 20.9 16.0 24.0

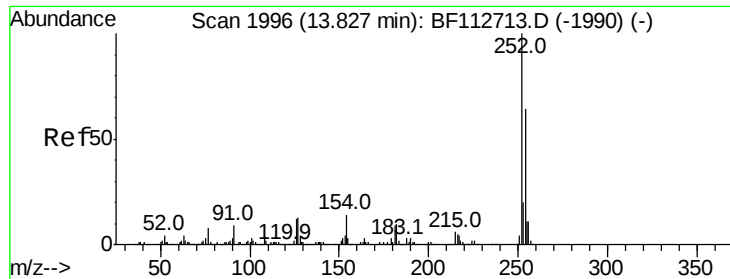


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

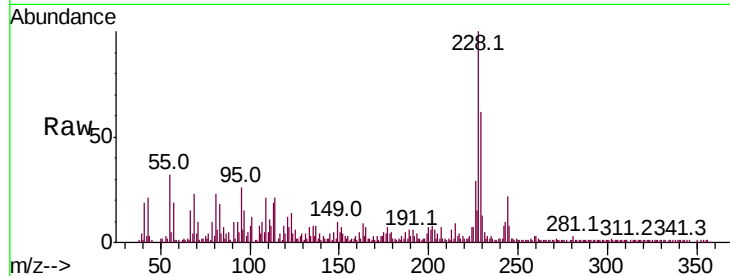




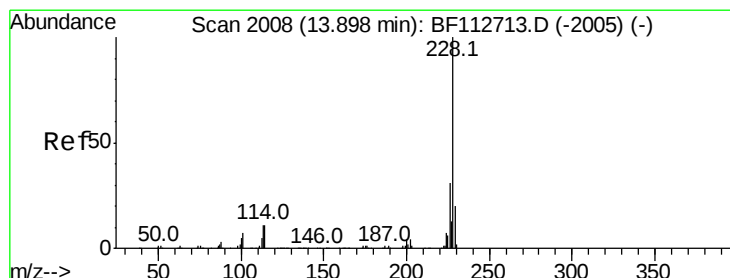
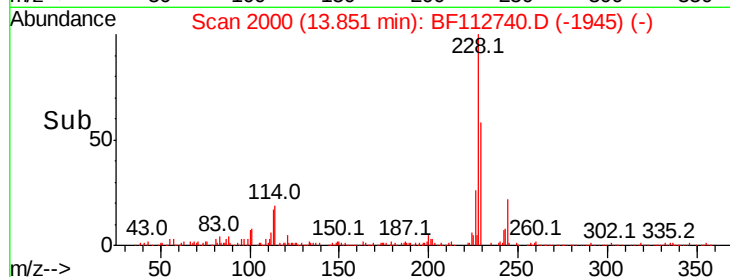
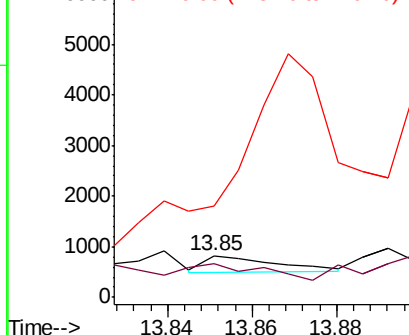
#82
 3,3'-Dichlorobenzidine
 Concen: 0.030 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.02 min
 Lab File: BF112740.D
 Acq: 28 Feb 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B11

Tot Ion:252 Resp: 392
 Ion Ratio Lower Upper
 252 100
 254 80.5 51.1 76.7#
 126 220.9 9.9 14.9#



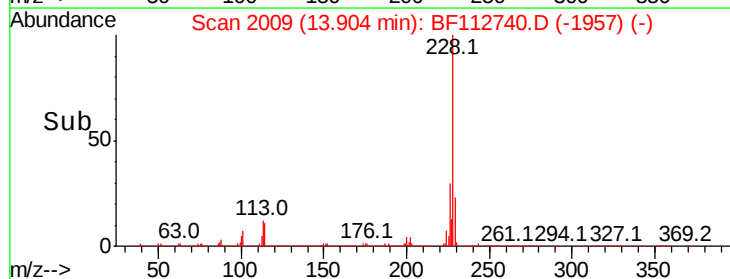
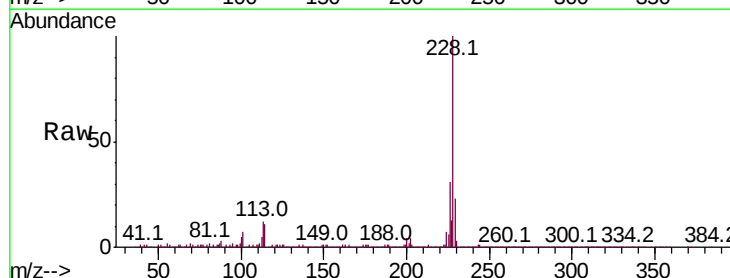
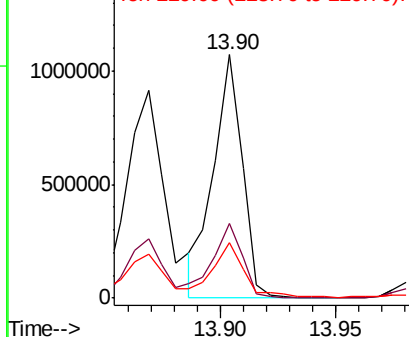
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

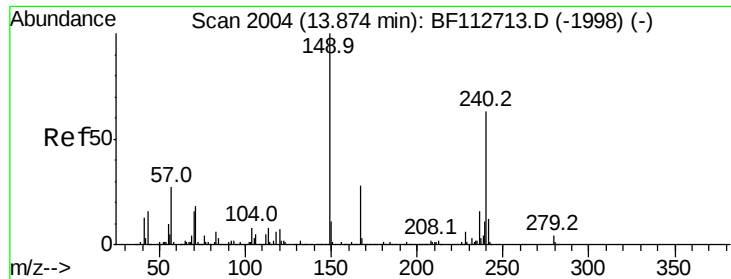


#83
 Chrysene
 Concen: 26.976 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF112740.D
 Acq: 28 Feb 2019 1:13

Tgt Ion:228 Resp: 921898
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 22.9 16.3 24.5

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: 2.536 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

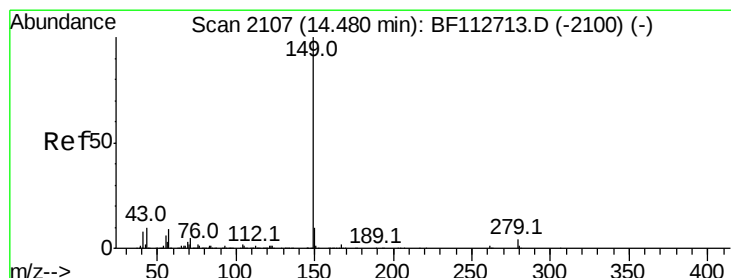
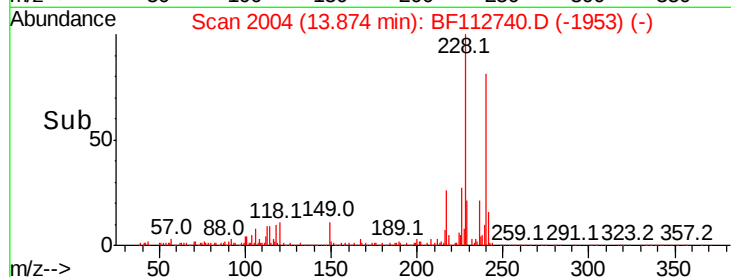
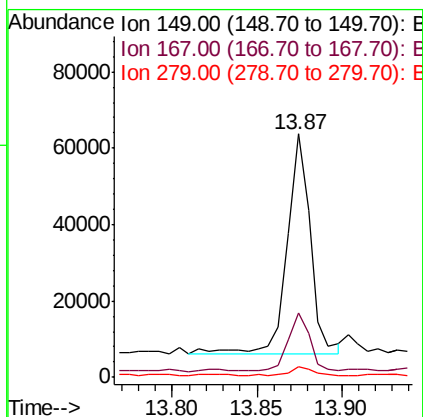
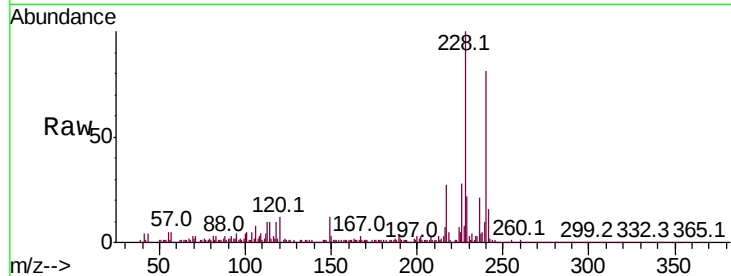
Tot Ion:149 Resp: 55723

Ion Ratio Lower Upper

149 100

167 26.5 22.4 33.6

279 4.2 3.3 4.9



#85

Di-n-octyl phthalate

Concen: 0.031 ng

RT: 14.45 min Scan# 2102

Delta R.T. -0.03 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

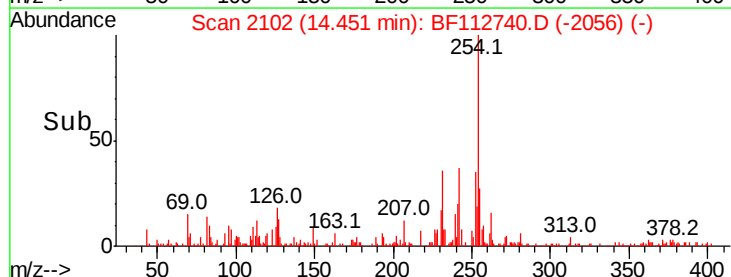
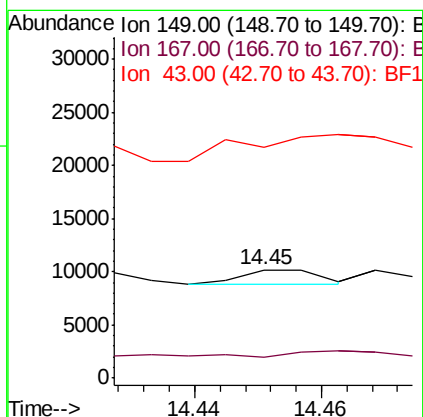
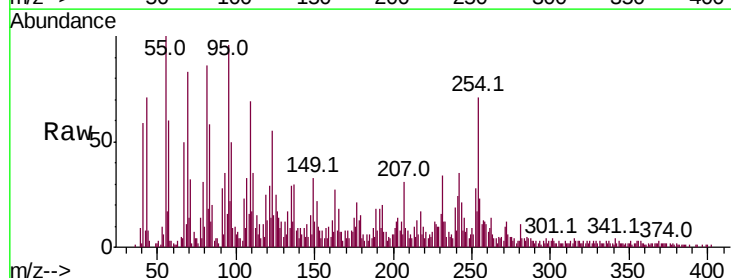
Tgt Ion:149 Resp: 1161

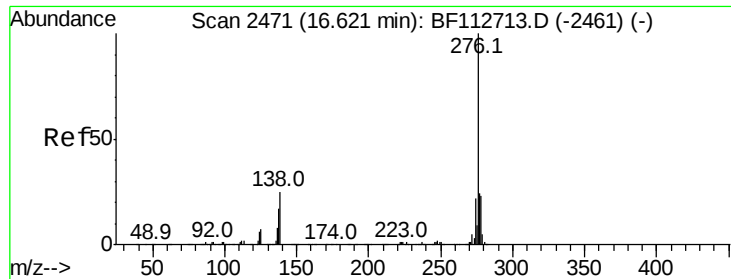
Ion Ratio Lower Upper

149 100

167 58.2 1.2 1.8#

43 364.2 9.0 13.4#

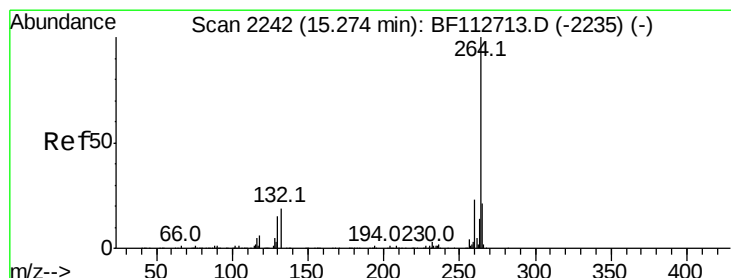
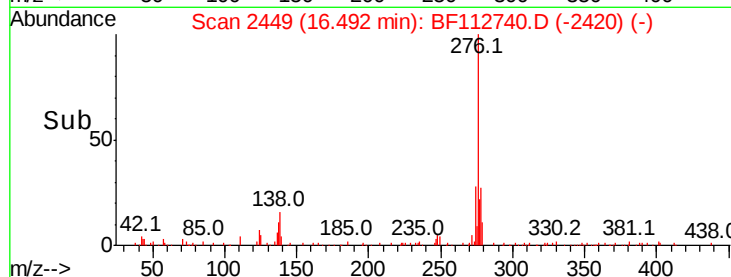
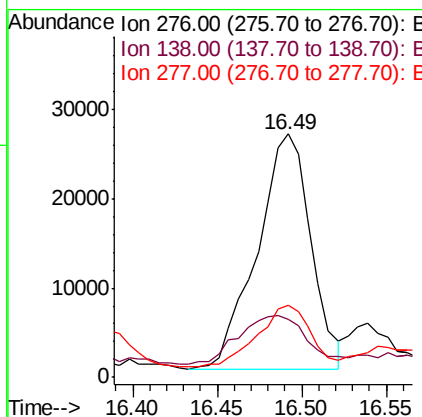
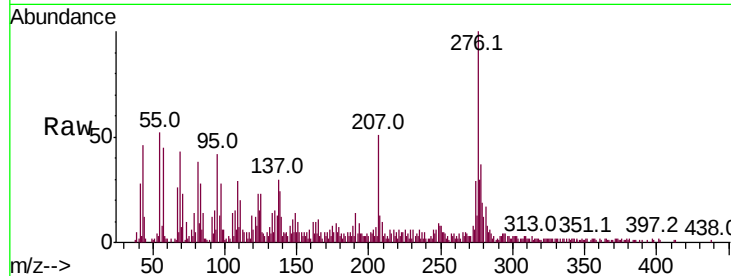




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.017 ng
 RT: 16.49 min Scan# 2449
 Delta R.T. -0.13 min
 Lab File: BF112740.D
 Acq: 28 Feb 2019 1:13

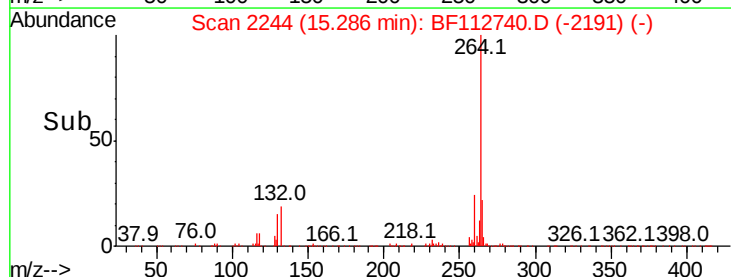
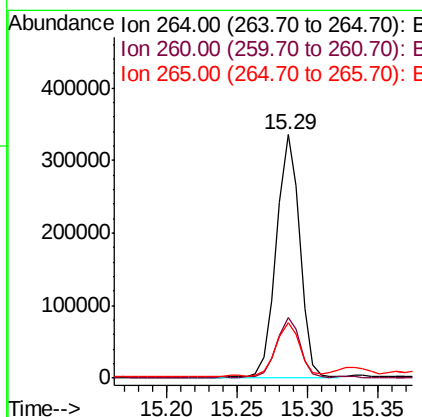
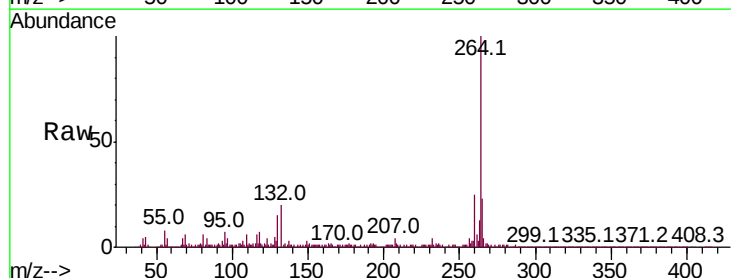
Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B11

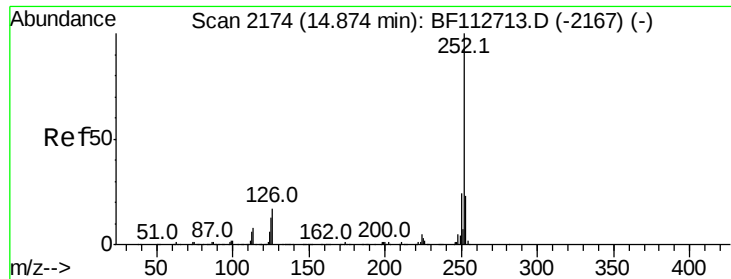
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	23.2	34.8
277	25.9	19.9	29.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF112740.D
 Acq: 28 Feb 2019 1:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.5	17.2	25.8

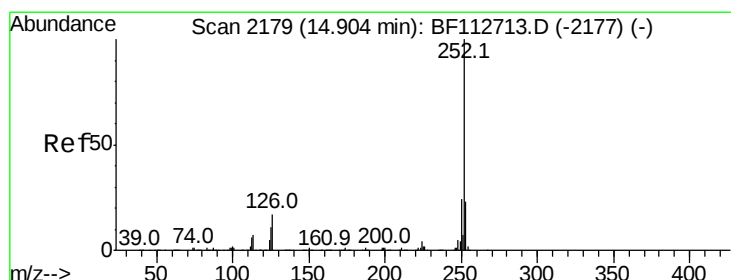
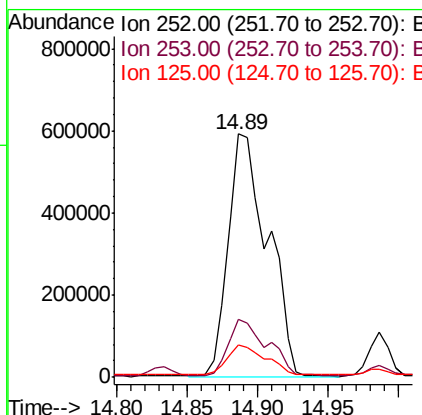
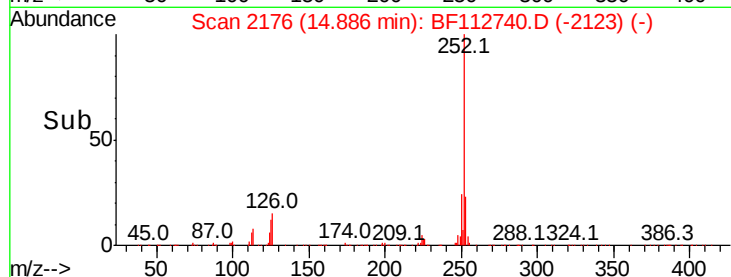
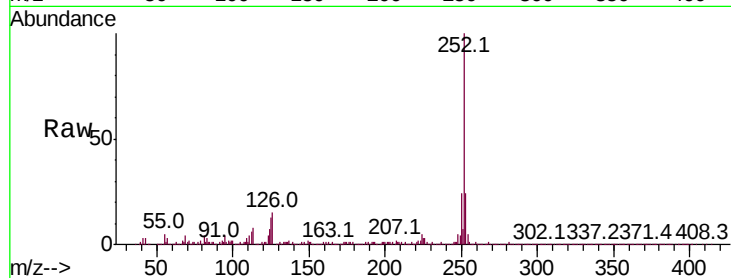




#88
Benzo(b)fluoranthene
Concen: 45.928 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

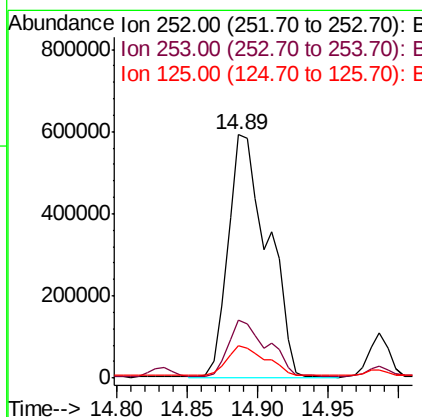
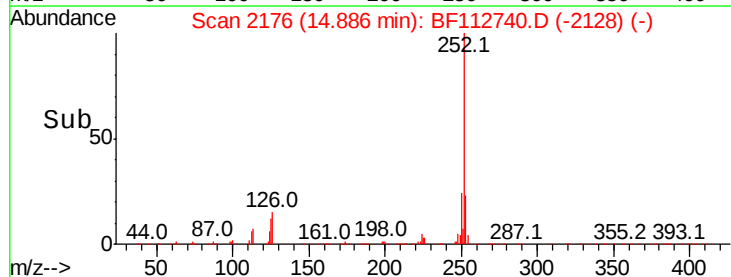
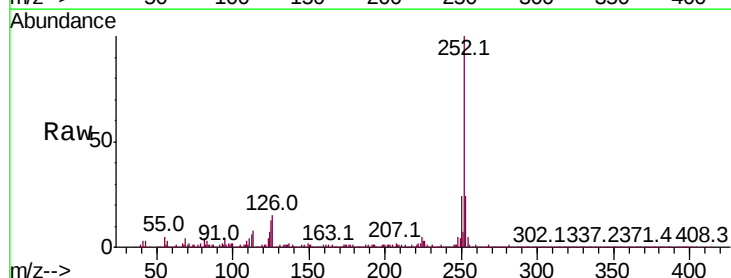
Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

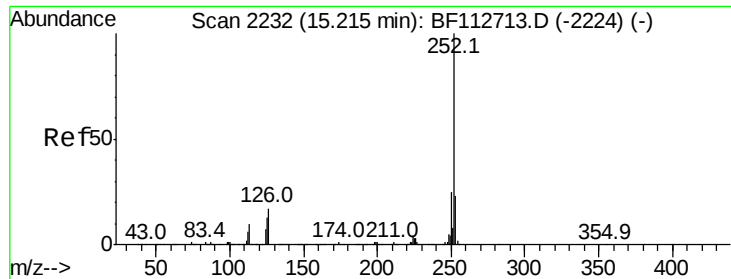
Tot Ion:252 Resp: 1155572
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 13.2 10.2 15.2



#89
Benzo(k)fluoranthene
Concen: 50.705 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF112740.D
Acq: 28 Feb 2019 1:13

Tgt Ion:252 Resp: 1155572
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.2
125 13.2 9.8 14.6





#90

Benzo(a)pyrene

Concen: 24.731 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

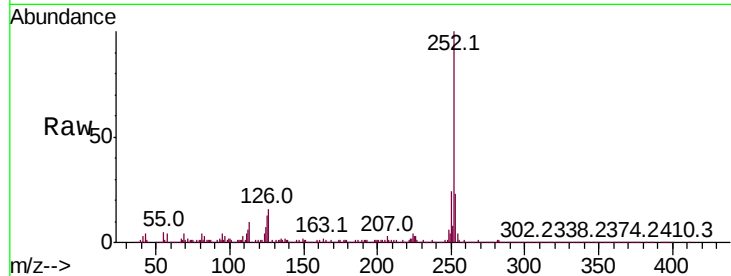
Tot Ion:252 Resp: 550387

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

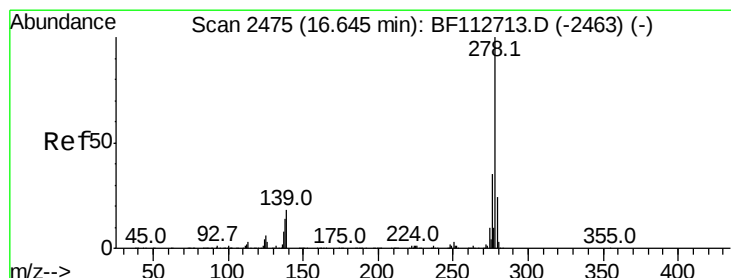
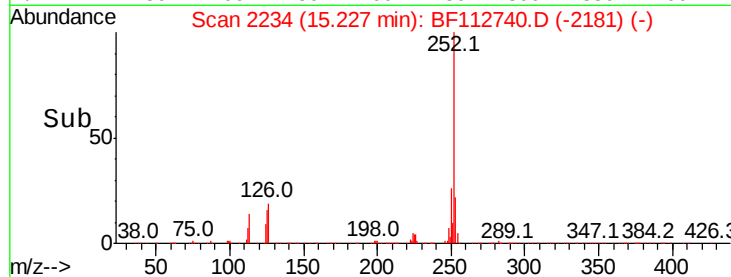
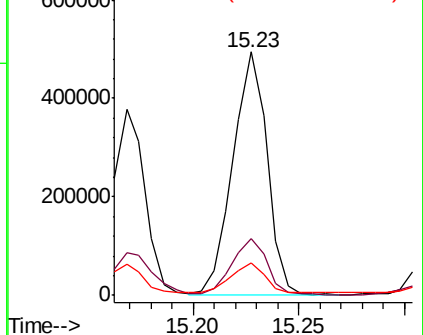
125 13.2 10.7 16.1



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



#91

Dibenzo(a,h)anthracene

Concen: 3.973 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.16 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

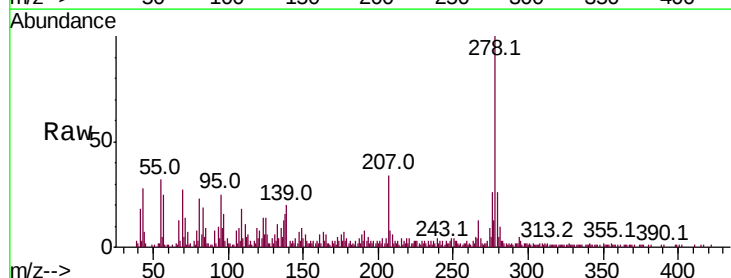
Tgt Ion:278 Resp: 75443

Ion Ratio Lower Upper

278 100

139 19.7 14.3 21.5

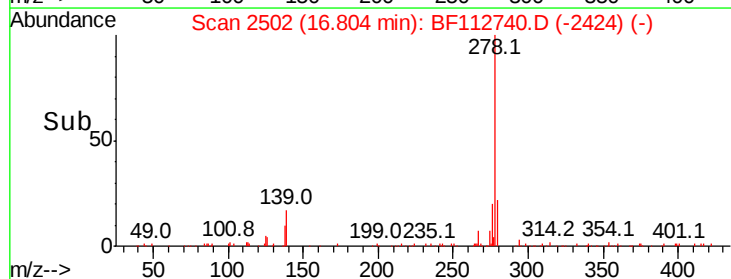
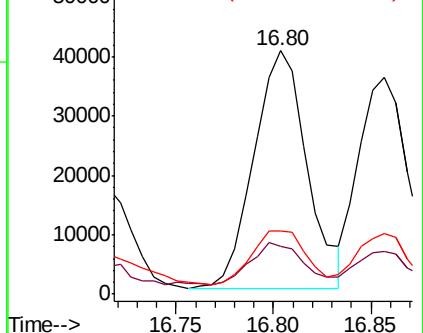
279 25.9 19.4 29.0

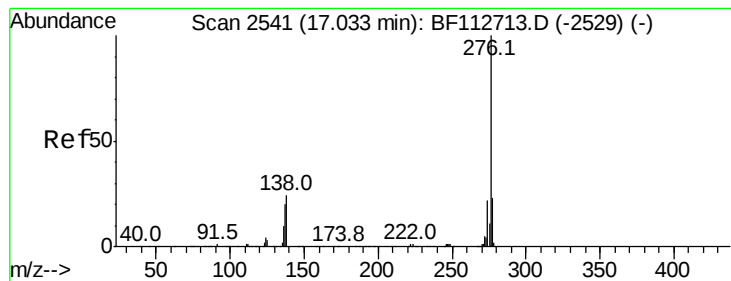


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 15.737 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF112740.D

Acq: 28 Feb 2019 1:13

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

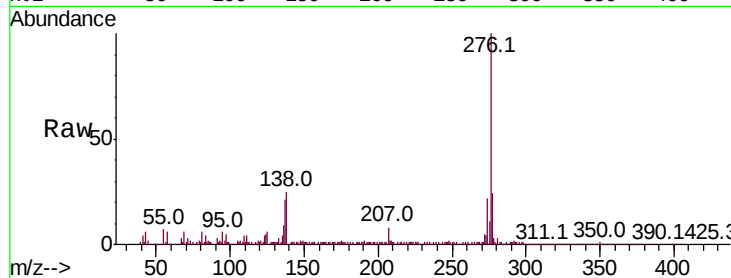
Tot Ion:276 Resp: 300093

Ion Ratio Lower Upper

276 100

277 24.4 18.6 27.8

138 24.8 19.4 29.0



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

