

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112759.D
 Acq On : 28 Feb 2019 13:48
 Operator : JU/SJ
 Sample : K1647-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 44766

Quant Time: Mar 01 04:45:32 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	6.75	152	120240	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	443705	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	184435	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	316238	20.00	ng	0.00
76) Chrysene-d12	13.88	240	251740	20.00	ng	0.00
87) Perylene-d12	15.29	264	176621	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	688883	89.12	ng	0.00
7) Phenol-d6	6.37	99	889060	91.56	ng	0.00
23) Nitrobenzene-d5	7.30	82	499323	67.34	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	187368	95.69	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	883842	81.73	ng	0.00
79) Terphenyl-d14	12.83	244	767385	59.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	195	0.050	ng	# 1
3) Pyridine	3.17	79	117	0.011	ng	# 1
4) n-Nitrosodimethylamine	3.06	42	355	0.078	ng	# 1
6) Aniline	6.39	93	372	0.028	ng	# 1
8) 2-Chlorophenol	6.53	128	123	0.014	ng	# 1
9) Benzaldehyde	6.37	77	1294	0.185	ng	# 1
10) Phenol	6.39	94	14344	1.266	ng	95
11) bis(2-Chloroethyl)ether	6.51	93	866	0.100	ng	# 1
15) Benzyl Alcohol	6.90	79	8565	1.157	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	6.86	45	124	0.009	ng	# 71
17) 2-Methylphenol	7.15	107	2540	0.364	ng	# 73
19) n-Nitroso-di-n-propylamine	7.30	70	65549	10.659	ng	# 78
20) 3+4-Methylphenols	7.15	107	2540	0.322	ng	# 58
22) Acetophenone	7.15	105	387	0.037	ng	# 1
24) Nitrobenzene	7.30	77	1347	0.163	ng	# 33
25) Isophorone	7.30	82	492611	30.837	ng	# 66
28) bis(2-Chloroethoxy)methane	8.03	93	131	0.013	ng	# 1
31) Naphthalene	8.05	128	1950	0.089	ng	# 93
33) 4-Chloroaniline	8.05	127	119	0.013	ng	# 1
37) 2-Methylnaphthalene	8.74	142	1002	0.070	ng	# 84
38) 1-Methylnaphthalene	8.84	142	917	0.067	ng	# 79
46) 1,1'-Biphenyl	9.20	154	2120	0.141	ng	# 95
47) 2-Chloronaphthalene	9.49	162	328	0.028	ng	# 1
48) 2-Nitroaniline	9.49	65	751	0.210	ng	# 1
49) Acenaphthylene	9.63	152	4427	0.222	ng	97
50) Dimethylphthalate	9.49	163	59446	4.371	ng	99
51) 2,6-Dinitrotoluene	9.54	165	1573	0.555	ng	# 17
52) Acenaphthene	9.80	154	1051	0.090	ng	98
55) Dibenzofuran	9.98	168	1385	0.082	ng	# 80
56) 4-Nitrophenol	9.92	139	119	0.042	ng	# 1
57) 2,4-Dinitrotoluene	9.77	165	24337	6.914	ng	# 18
58) Fluorene	10.32	166	2366	0.197	ng	# 97
60) Diethylphthalate	10.19	149	1390	0.097	ng	# 85
62) 4-Nitroaniline	10.23	138	113	0.035	ng	# 20

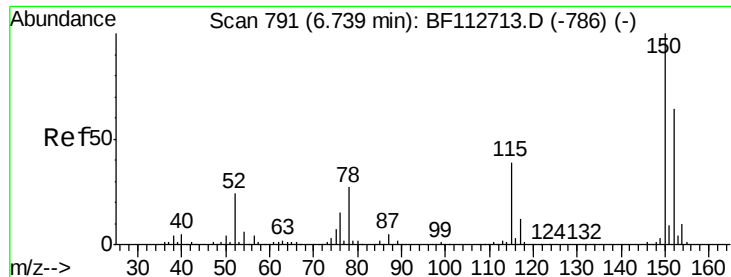
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
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 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) Azobenzene	10.47	77	553	0.038	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.55	198	288	4.813	ng	# 1
66) n-Nitrosodiphenylamine	10.43	169	1468	0.145	ng	# 80
67) 4-Bromophenyl-phenylether	10.56	248	10781	3.237	ng	# 1
71) Phenanthrene	11.27	178	25867	1.644	ng	96
72) Anthracene	11.33	178	8418	0.511	ng	96
73) Carbazole	11.47	167	2065	0.129	ng	# 64
74) Di-n-butylphthalate	11.82	149	7531	0.391	ng	# 94
75) Fluoranthene	12.46	202	61826	3.668	ng	97
77) Benzidine	12.57	184	647	0.050	ng	# 1
78) Pyrene	12.69	202	57844	2.726	ng	95
80) Butylbenzylphthalate	13.29	149	606	0.065	ng	93
81) Benzo(a)anthracene	13.87	228	26548	1.522	ng	92
82) 3,3'-Dichlorobenzidine	13.83	252	453	0.069	ng	# 1
83) Chrysene	13.87	228	26548	1.553	ng	96
84) Bis(2-ethylhexyl)phthalate	13.88	149	16654	1.516	ng	# 83
85) Di-n-octyl phthalate	14.52	149	6550	0.347	ng	# 62
86) Indeno(1,2,3-cd)pyrene	16.65	276	12267	0.842	ng	# 73
88) Benzo(b)fluoranthene	14.89	252	35969	3.148	ng	# 1
89) Benzo(k)fluoranthene	14.89	252	35969	3.476	ng	# 1
90) Benzo(a)pyrene	15.23	252	17797	1.761	ng	# 1
91) Dibenzo(a,h)anthracene	16.66	278	3131	0.363	ng	# 1
92) Benzo(g,h,i)perylene	17.06	276	12624	1.458	ng	# 60

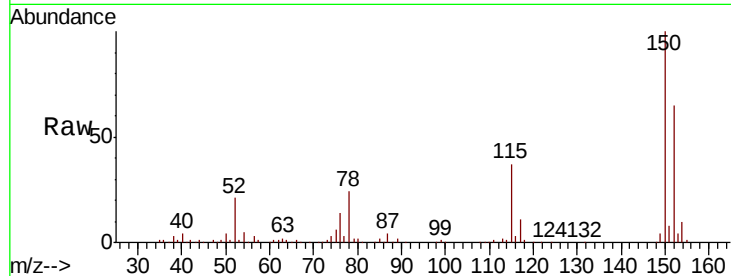
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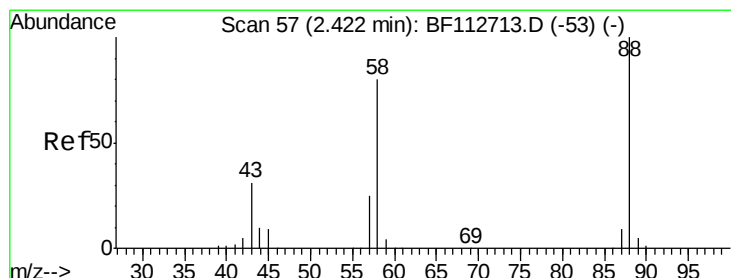
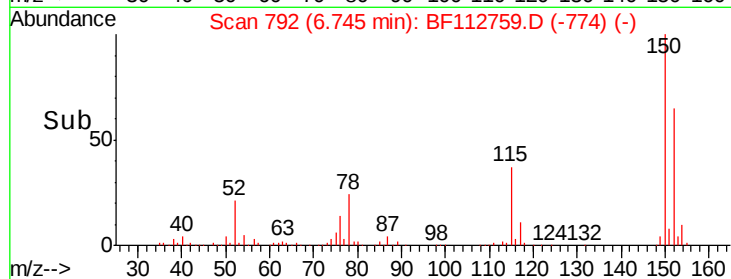
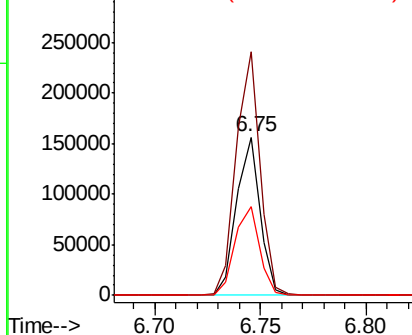
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 44766

Tgt Ion: 152 Resp: 120240
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.2 186.2
 115 56.2 48.2 72.4

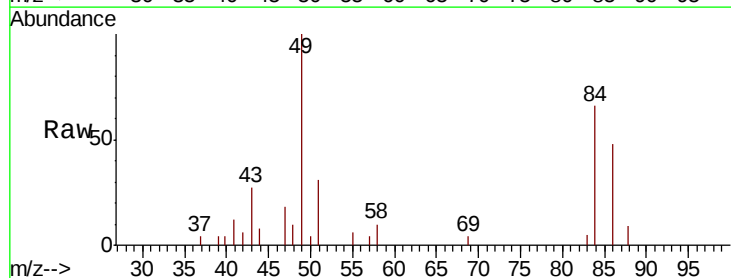


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

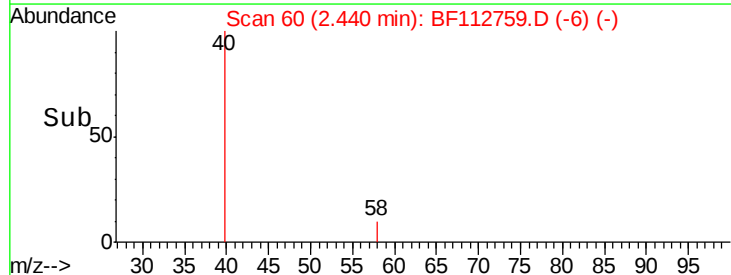
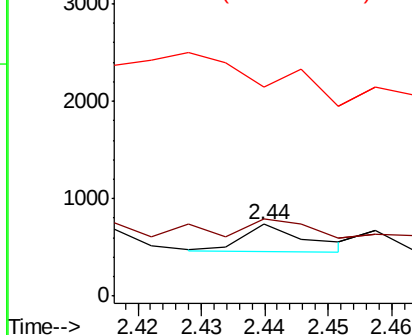


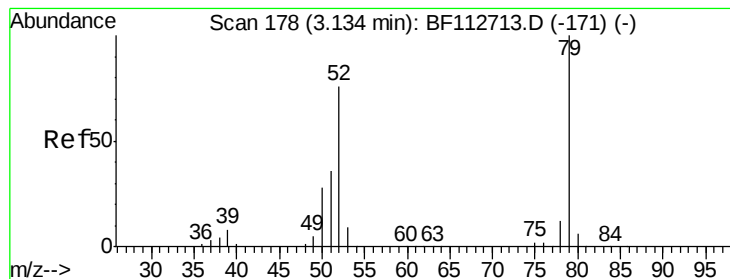
#2
 1,4-Dioxane
 Concen: 0.050 ng
 RT: 2.44 min Scan# 60
 Delta R.T. 0.02 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Tgt Ion: 88 Resp: 195
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.1 94.7#
 43 566.7 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

Pyridine

Concen: 0.011 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.04 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampleId :

44766

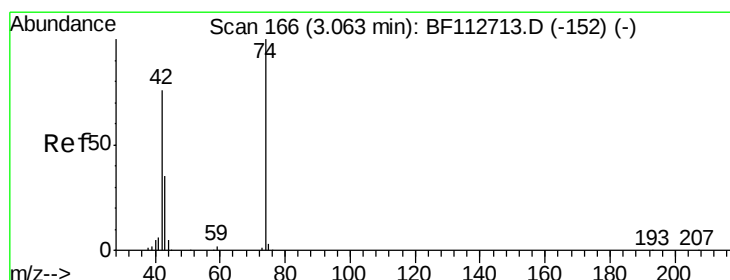
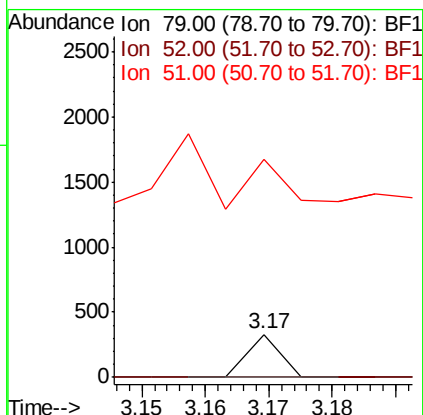
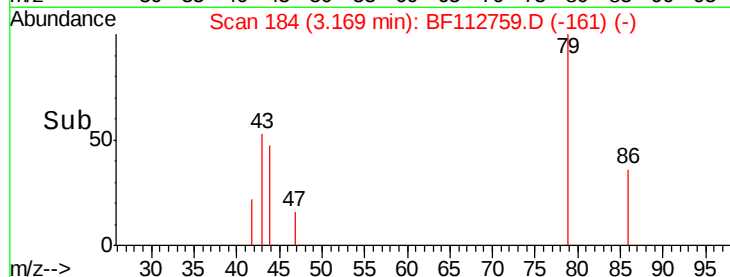
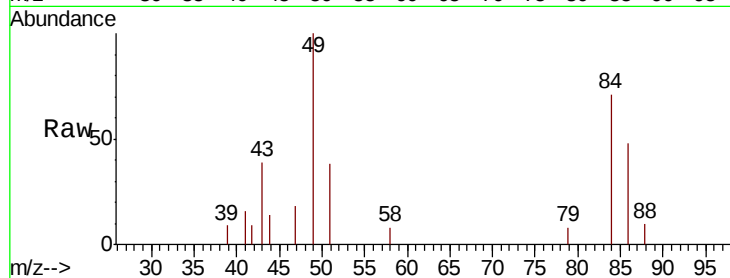
Tgt Ion: 79 Resp: 117

Ion Ratio Lower Upper

79 100

52 0.0 60.5 90.7#

51 505.7 28.8 43.2#



#4

n-Nitrosodimethylamine

Concen: 0.078 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.00 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

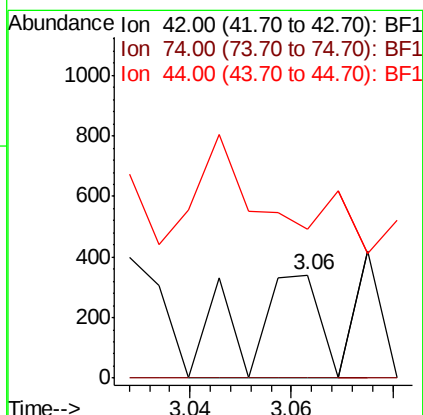
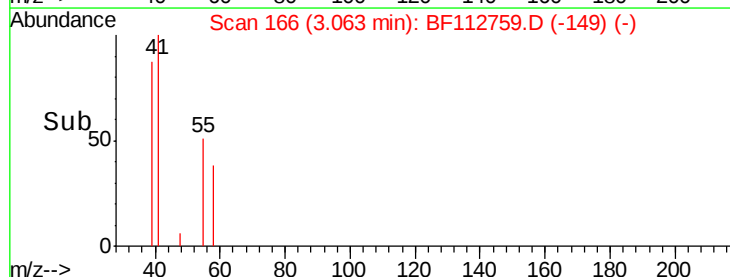
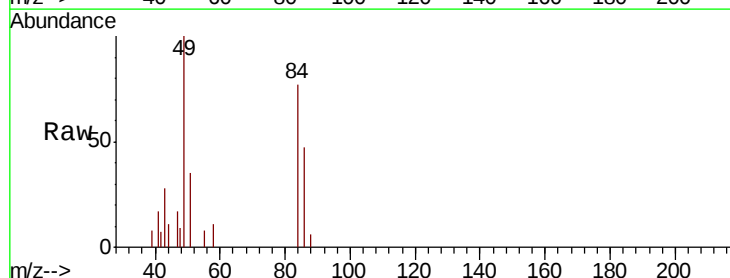
Tgt Ion: 42 Resp: 355

Ion Ratio Lower Upper

42 100

74 0.0 105.8 158.8#

44 144.3 6.2 9.2#





#5

2-Fluorophenol

Concen: 89.121 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampleId :

44766

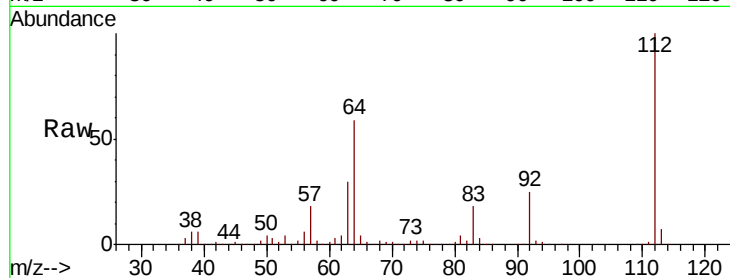
Tgt Ion: 112 Resp: 688883

Ion Ratio Lower Upper

112 100

64 59.2 47.6 71.4

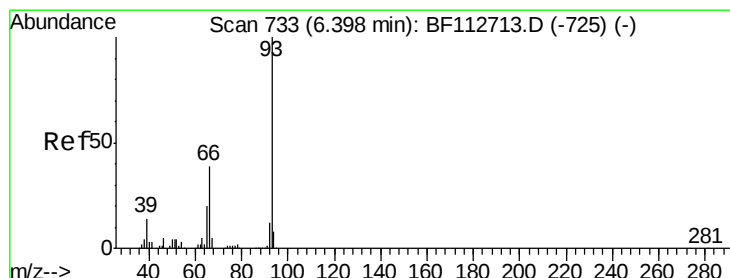
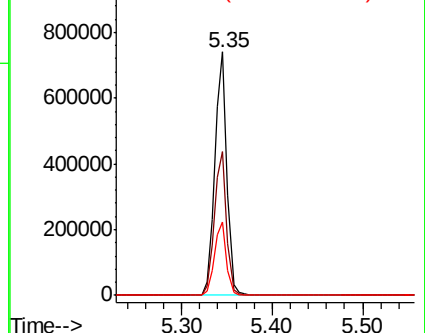
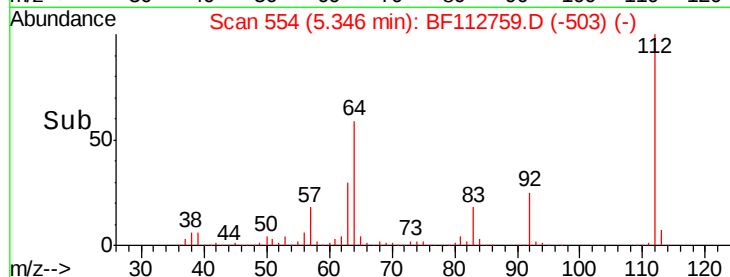
63 30.0 24.4 36.6



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: 0.028 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

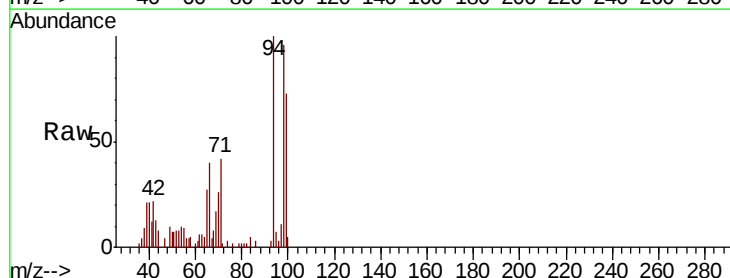
Tgt Ion: 93 Resp: 372

Ion Ratio Lower Upper

93 100

66 1480.3 32.2 48.2#

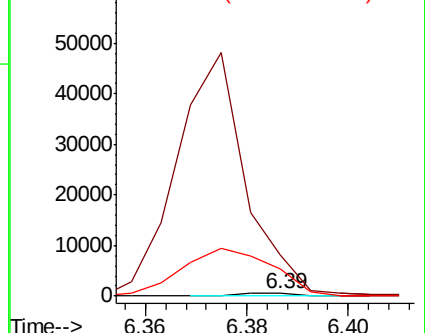
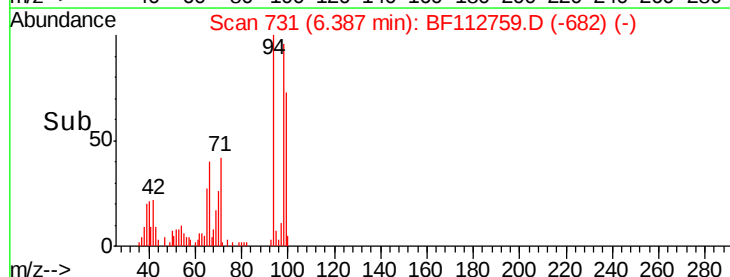
65 1012.1 16.2 24.4#

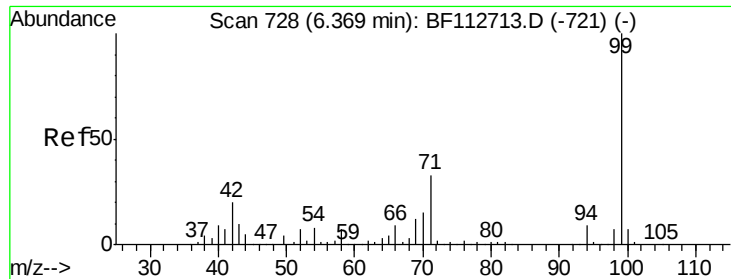


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.563 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

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ClientSampleId :

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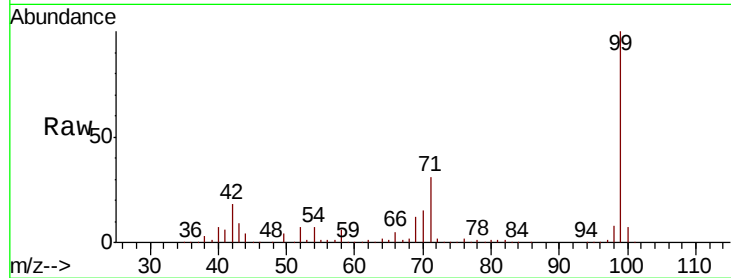
Tgt Ion: 99 Resp: 889060

Ion Ratio Lower Upper

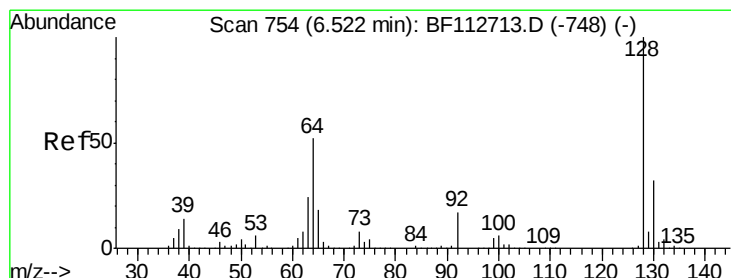
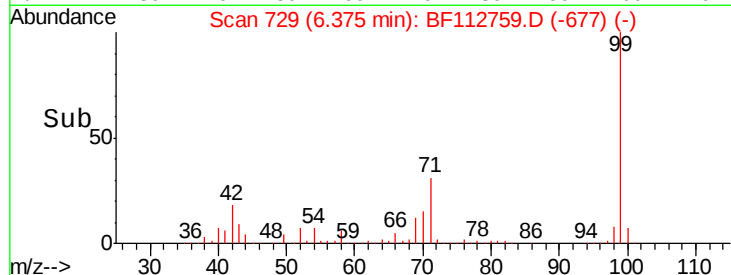
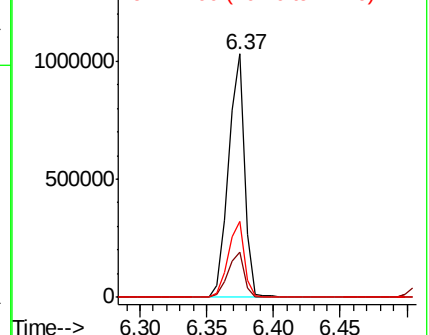
99 100

42 18.5 16.3 24.5

71 31.0 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: 0.014 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

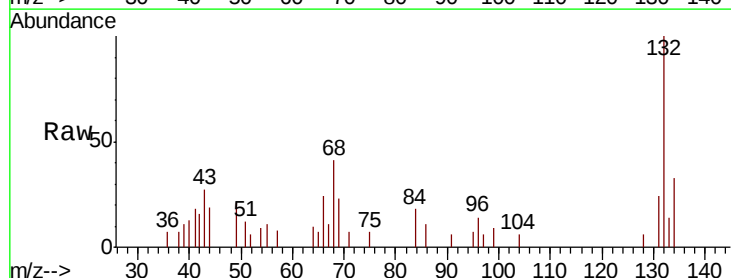
Tgt Ion: 128 Resp: 123

Ion Ratio Lower Upper

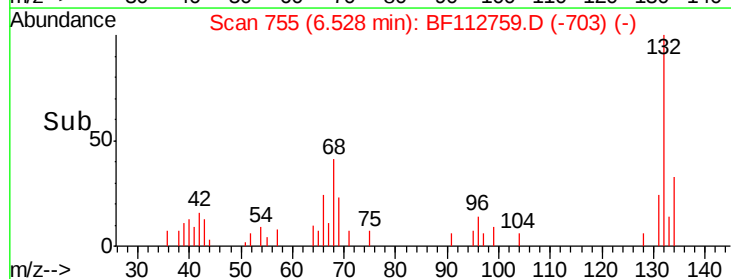
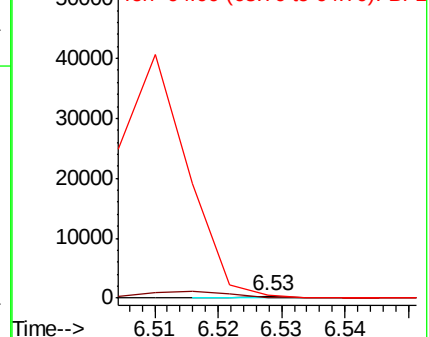
128 100

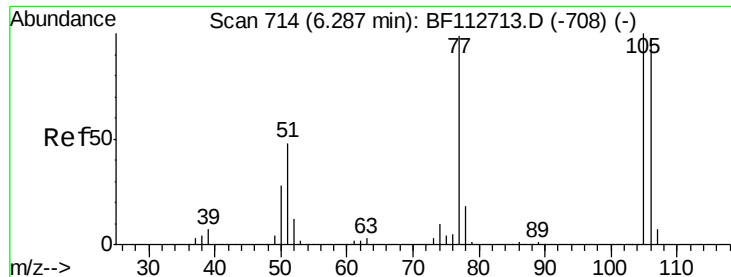
130 0.0 12.4 52.4#

64 159.0 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: 0.185 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.09 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

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ClientSampleId :

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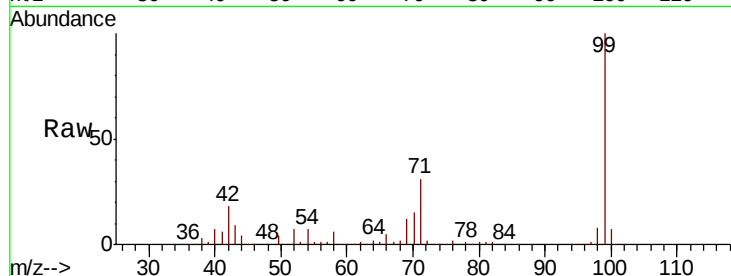
Tgt Ion: 77 Resp: 1294

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

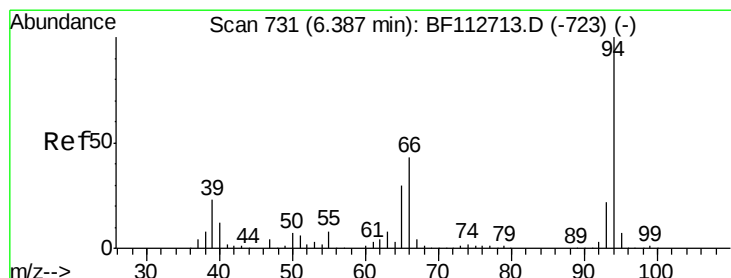
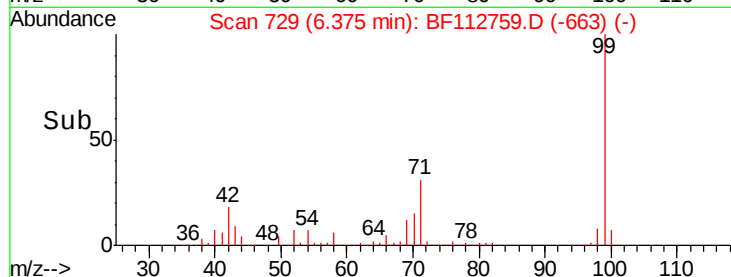
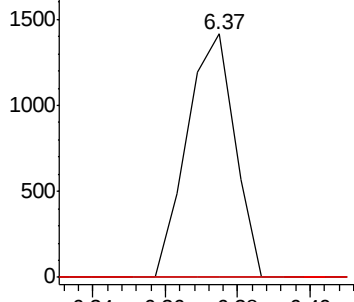
106 0.0 78.3 118.3#



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: 1.266 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

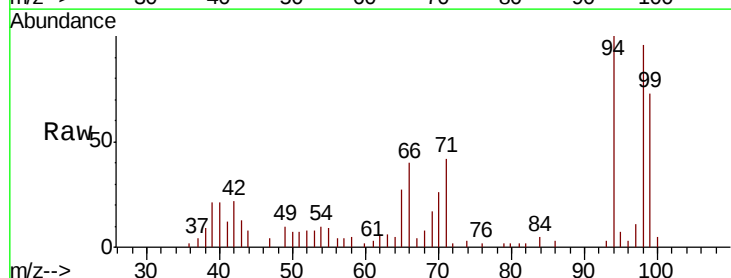
Tgt Ion: 94 Resp: 14344

Ion Ratio Lower Upper

94 100

65 27.1 10.5 50.5

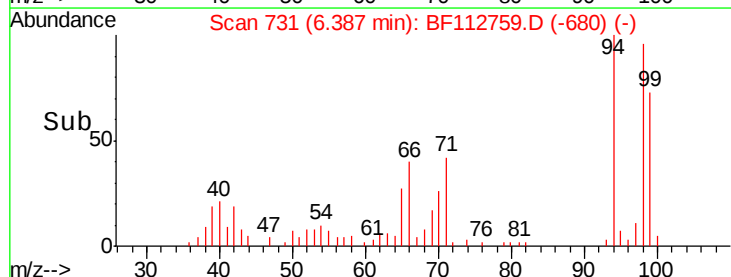
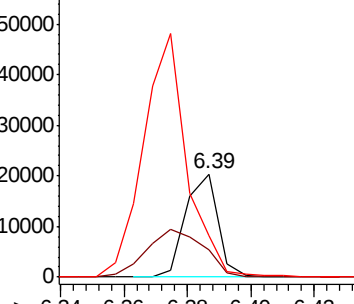
66 39.6 22.6 62.6



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

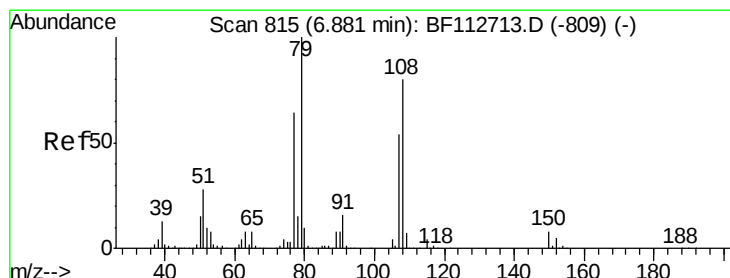
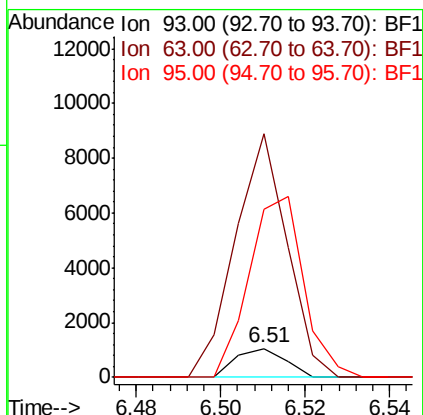
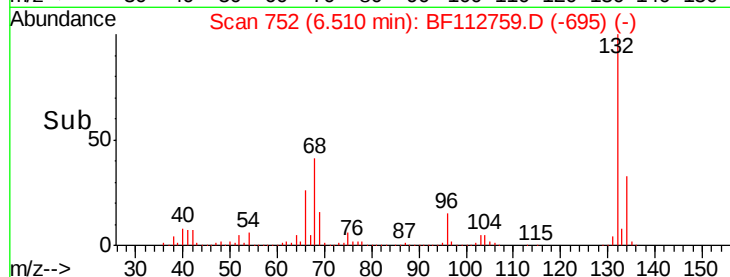
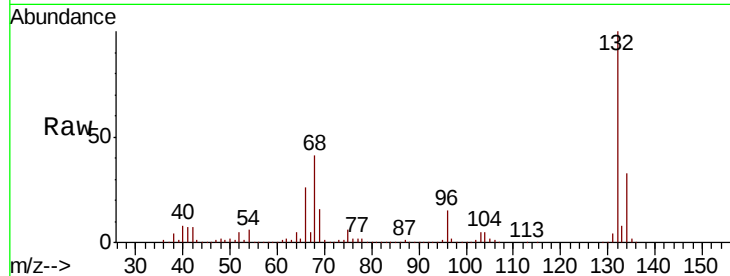




#11
bis(2-Chloroethyl)ether
Concen: 0.100 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.04 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

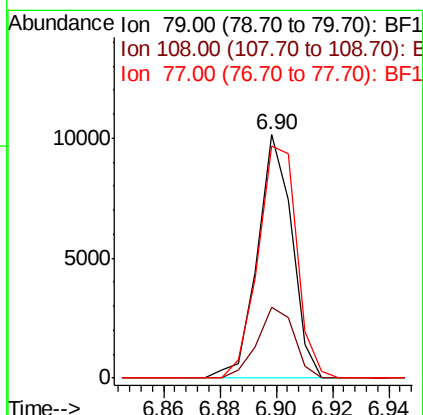
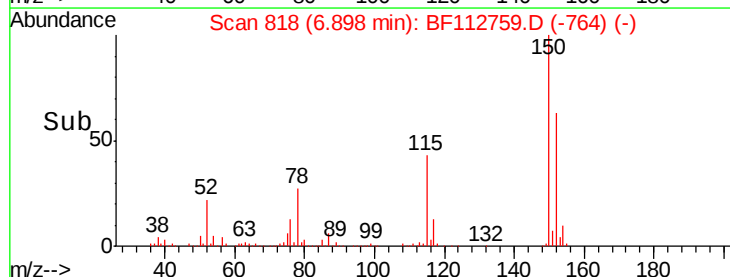
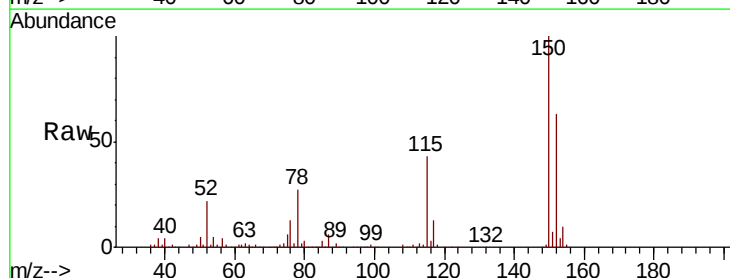
Instrument :
BNA_F
ClientSampleId :
44766

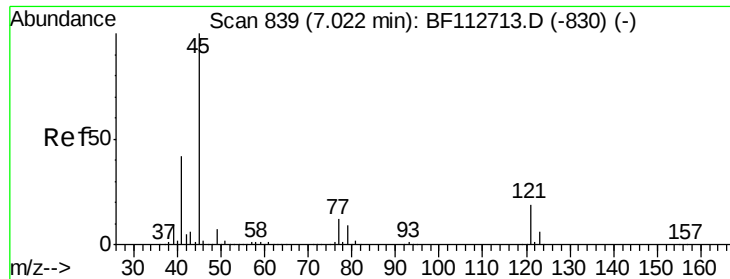
Tgt Ion: 93 Resp: 866
Ion Ratio Lower Upper
93 100
63 849.0 60.5 100.5#
95 584.8 12.1 52.1#



#15
Benzyl Alcohol
Concen: 1.157 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Tgt Ion: 79 Resp: 8565
Ion Ratio Lower Upper
79 100
108 29.2 64.2 96.4#
77 95.4 51.1 76.7#

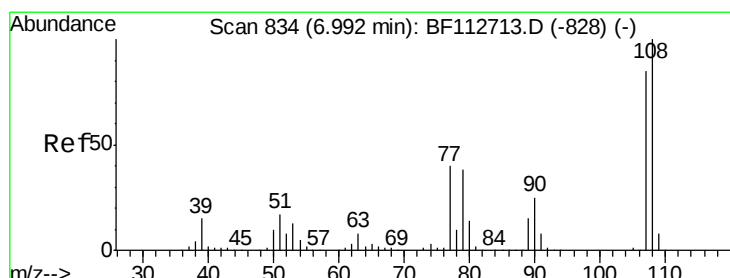
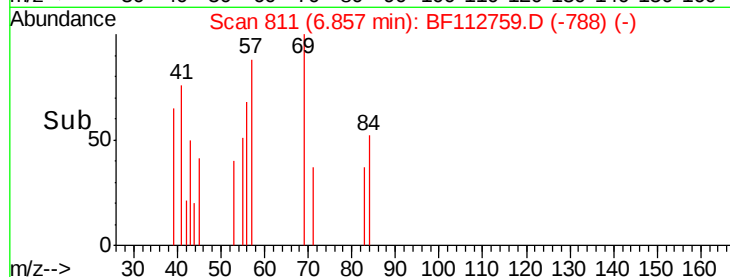
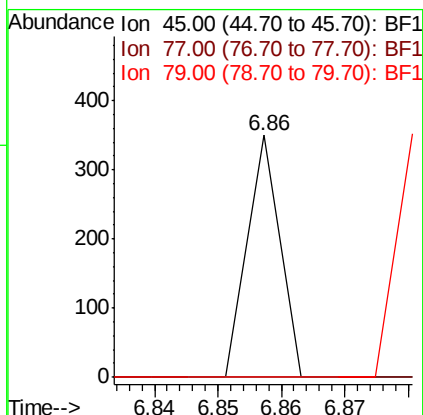
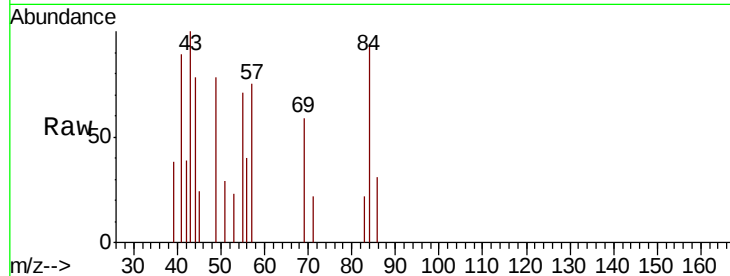




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.009 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.16 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

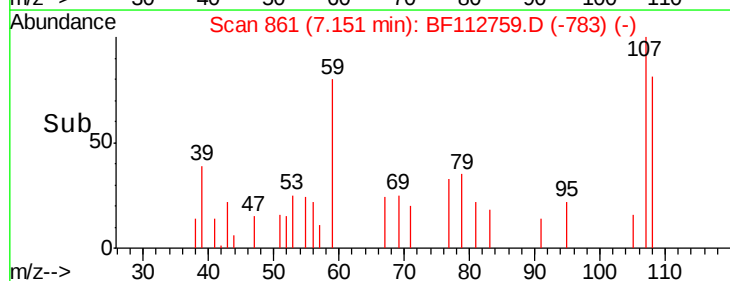
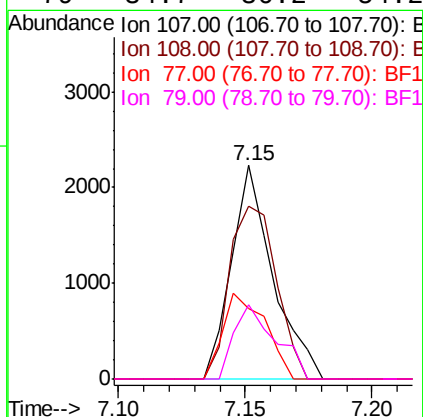
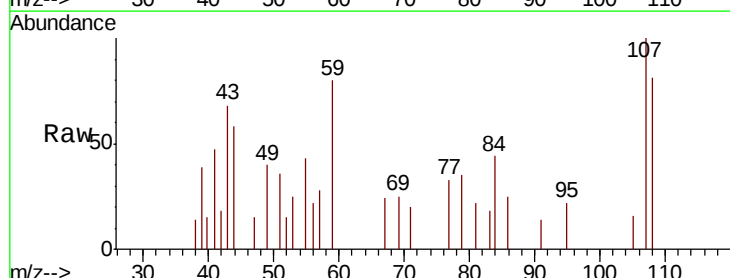
Instrument :
BNA_F
ClientSampleId :
44766

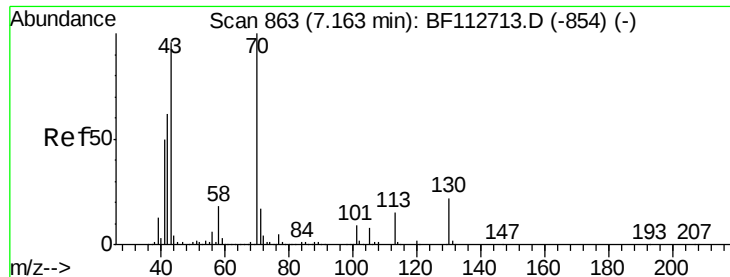
Tgt Ion: 45 Resp: 124
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.1
79 0.0 0.0 29.4



#17
2-Methylphenol
Concen: 0.364 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.16 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Tgt Ion: 107 Resp: 2540
Ion Ratio Lower Upper
107 100
108 81.1 94.6 142.0#
77 33.1 37.8 56.8#
79 34.7 36.2 54.2#





#19

n-Nitroso-di-n-propylamine

Concen: 10.659 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampled :

44766

Tgt Ion: 70 Resp: 65549

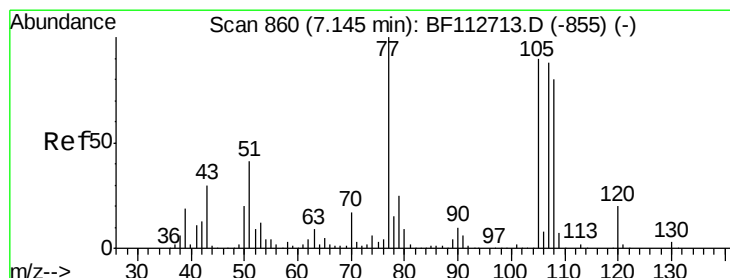
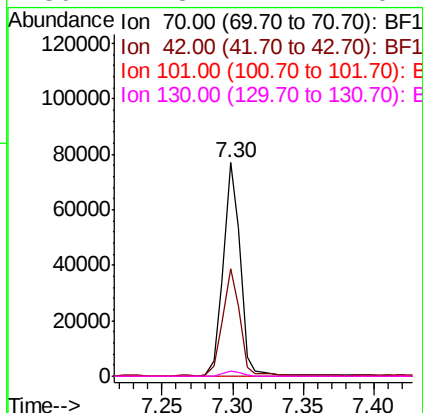
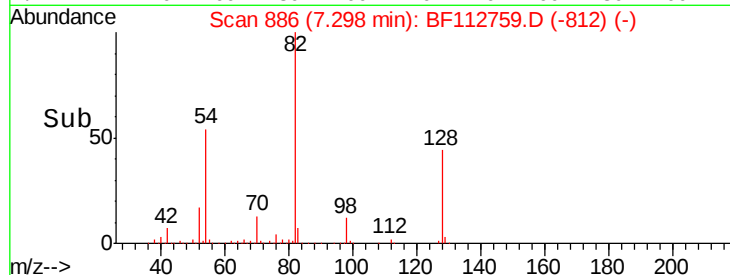
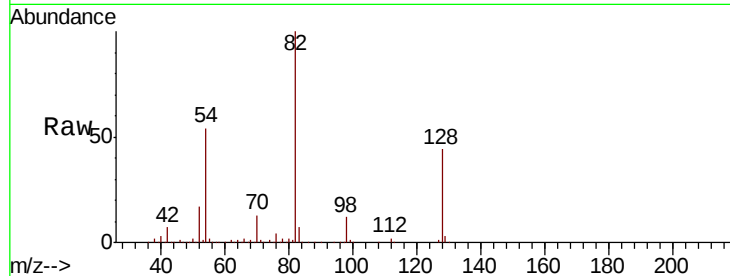
Ion Ratio Lower Upper

70 100

42 50.6 49.9 74.9

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#



#20

3+4-Methylphenols

Concen: 0.322 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Tgt Ion: 107 Resp: 2540

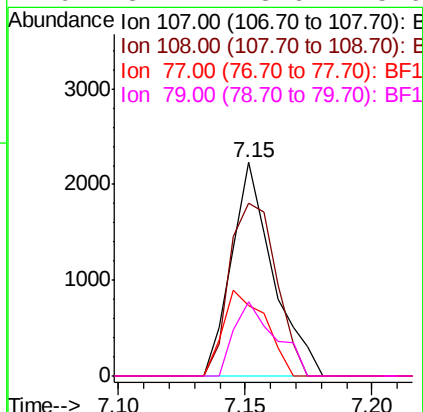
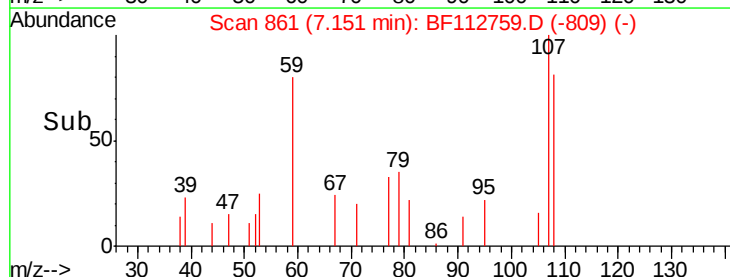
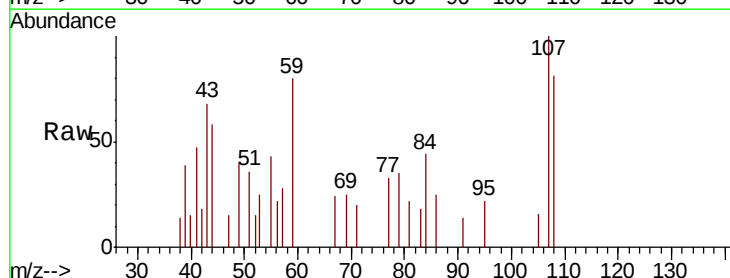
Ion Ratio Lower Upper

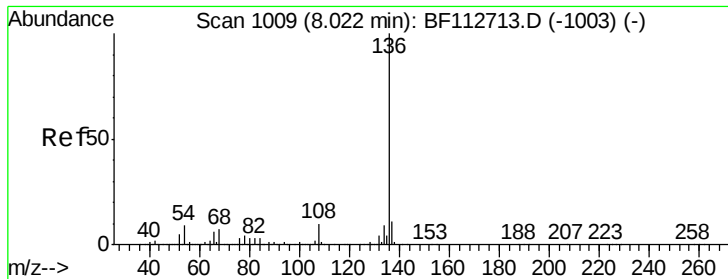
107 100

108 81.1 71.4 111.4

77 33.1 94.1 134.1#

79 34.7 8.6 48.6

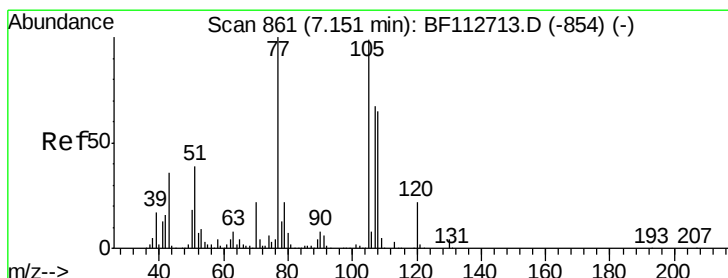
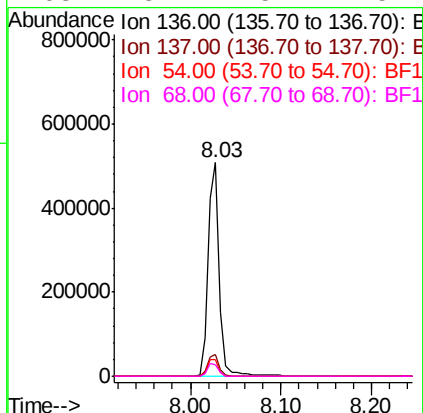
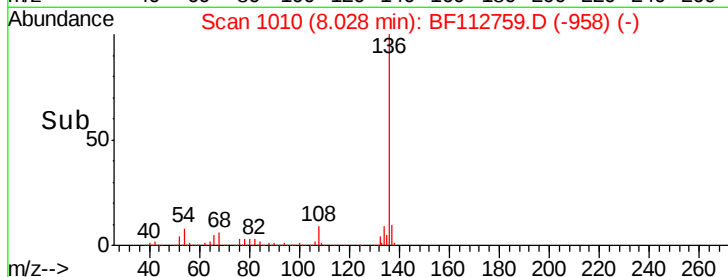
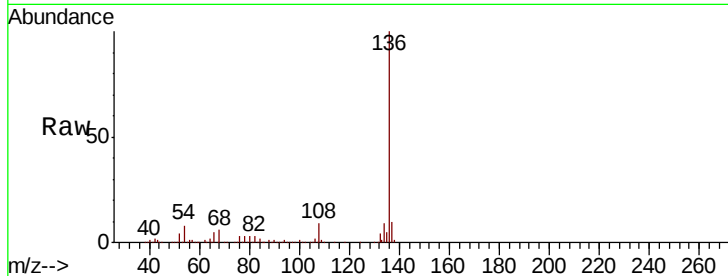




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

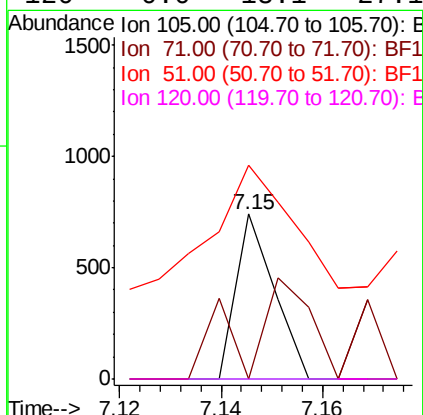
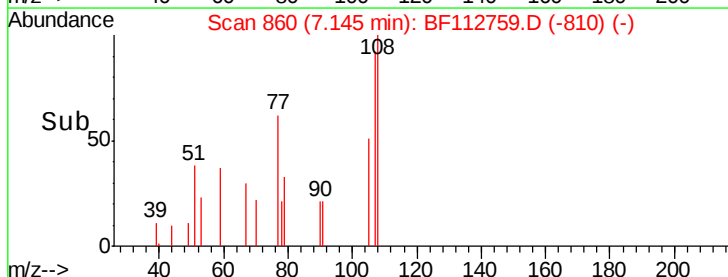
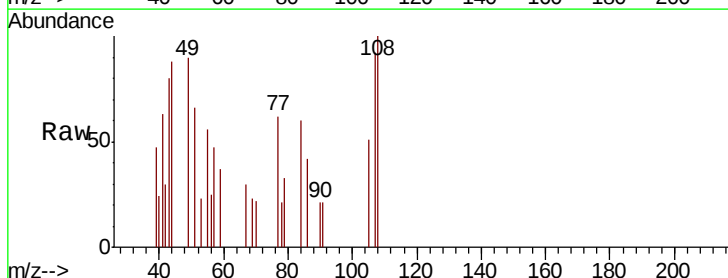
Instrument :
BNA_F
ClientSampleId :
44766

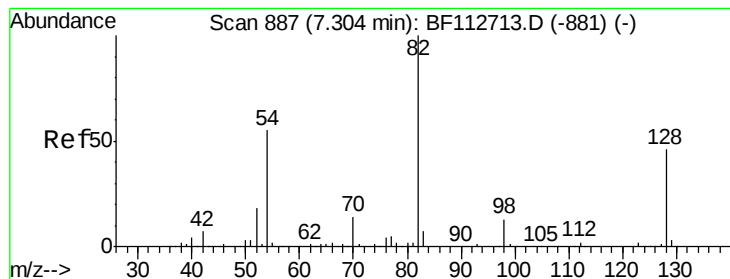
Tgt Ion:	136	Resp:	443705
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.9	13.3
54	7.7	7.3	10.9
68	5.7	5.4	8.2



#22
Acetophenone
Concen: 0.037 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Tgt Ion:	105	Resp:	387
Ion Ratio	Lower	Upper	
105	100		
71	0.0	3.0	4.4#
51	129.6	31.5	47.3#
120	0.0	18.1	27.1#





#23

Nitrobenzene-d5

Concen: 67.339 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampled :

44766

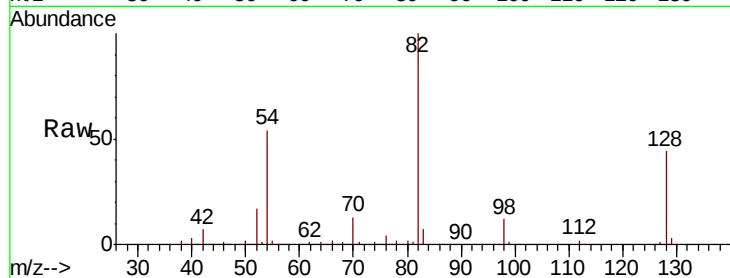
Tgt Ion: 82 Resp: 499323

Ion Ratio Lower Upper

82 100

128 44.3 36.3 54.5

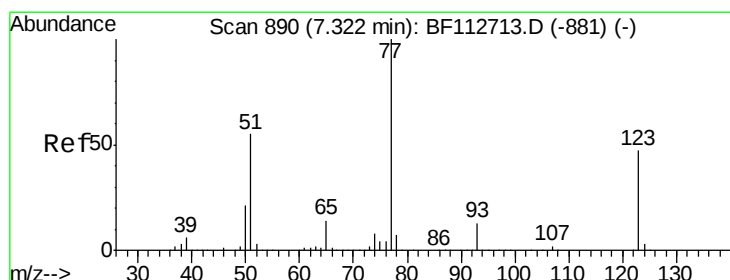
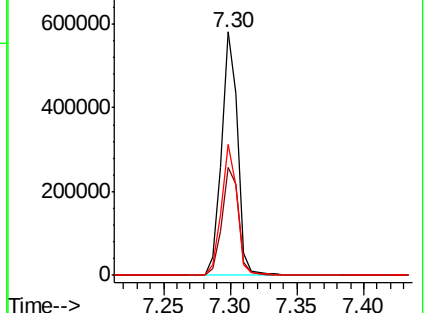
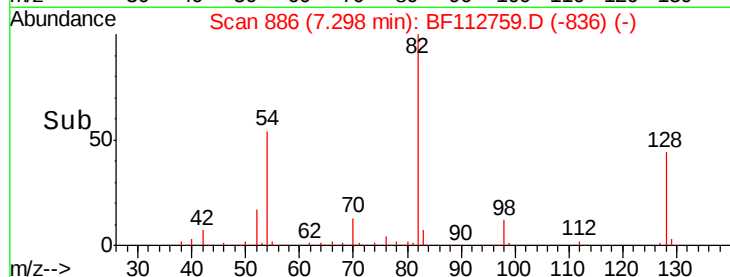
54 53.9 43.7 65.5



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: 0.163 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

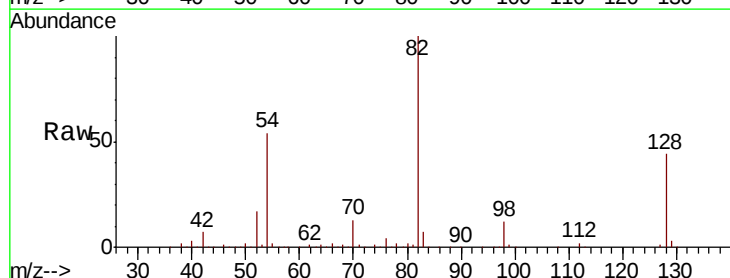
Tgt Ion: 77 Resp: 1347

Ion Ratio Lower Upper

77 100

123 0.0 37.8 56.6#

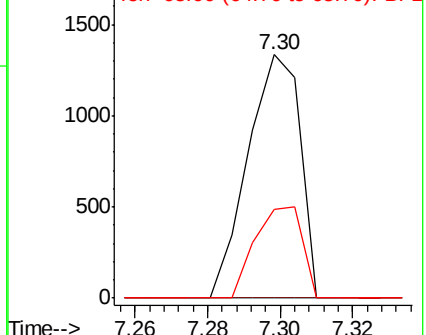
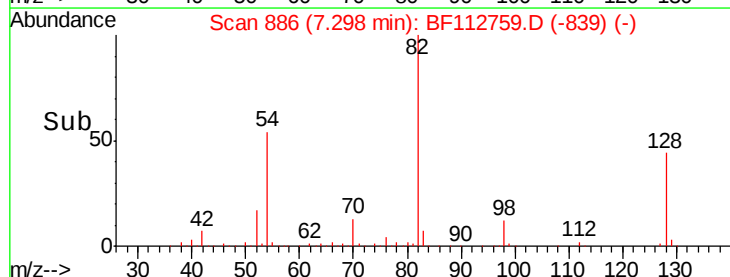
65 36.6 11.1 16.7#

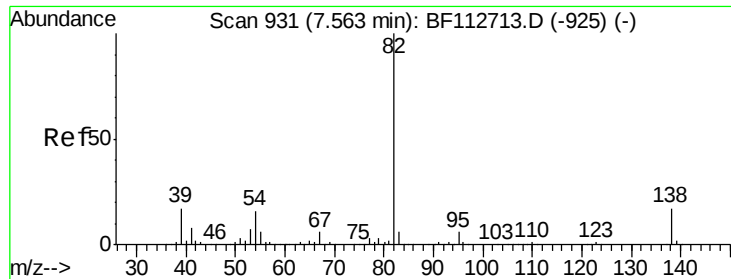


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 30.837 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampleId :

44766

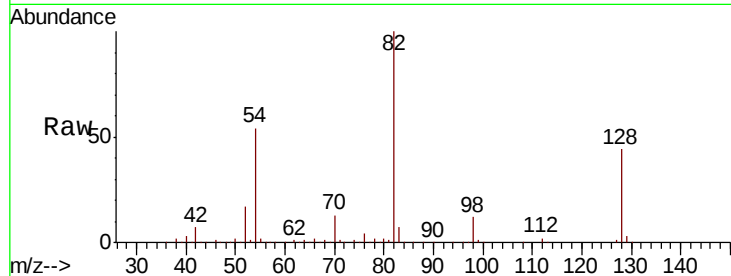
Tgt Ion: 82 Resp: 492611

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

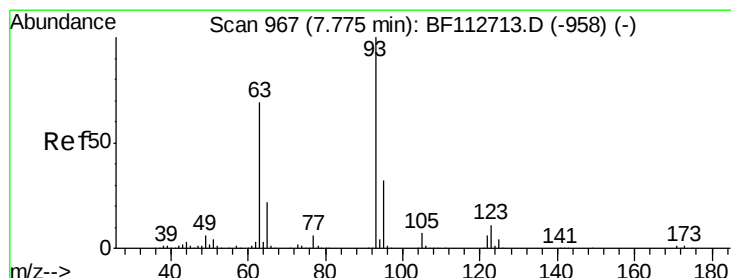
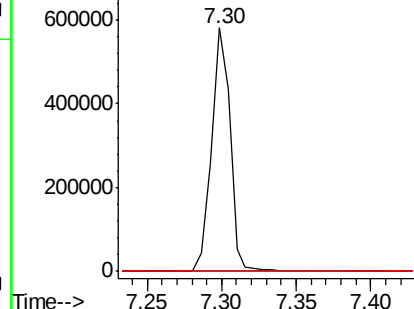
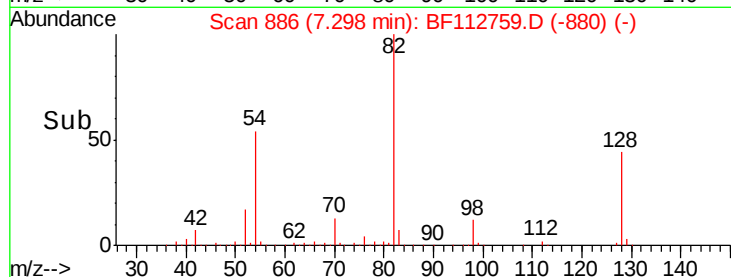
138 0.0 13.8 20.8#



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



#28

bis(2-Chloroethoxy)methane

Concen: 0.013 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.25 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

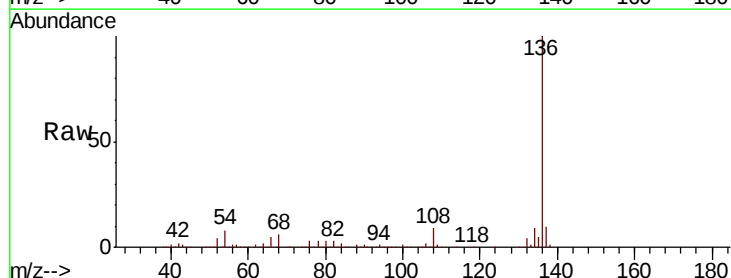
Tgt Ion: 93 Resp: 131

Ion Ratio Lower Upper

93 100

95 116.4 26.0 39.0#

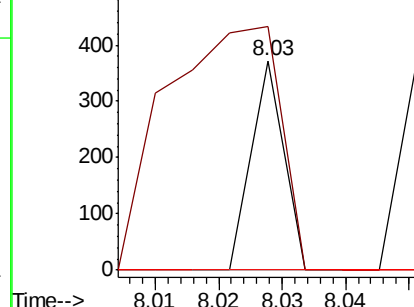
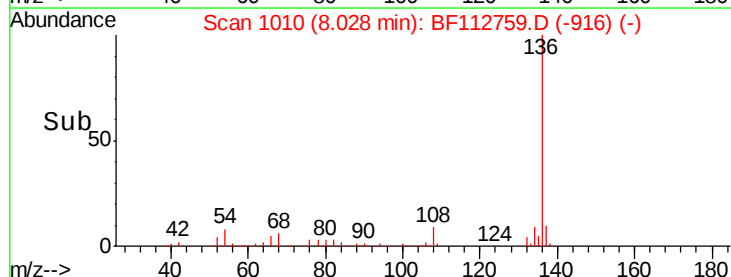
123 0.0 9.3 13.9#

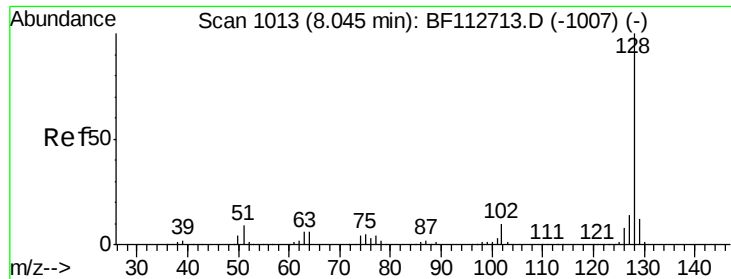


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

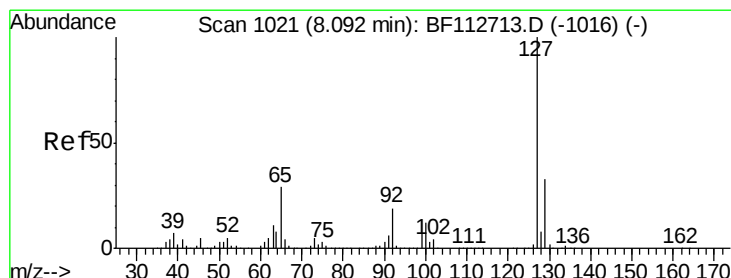
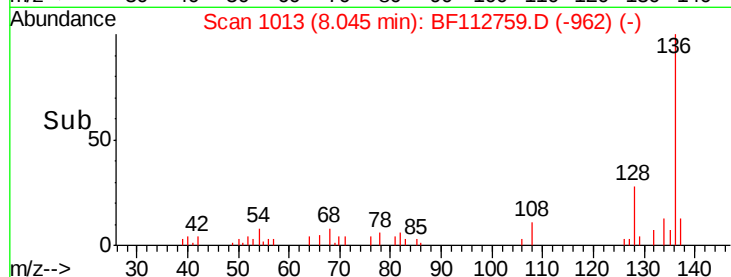
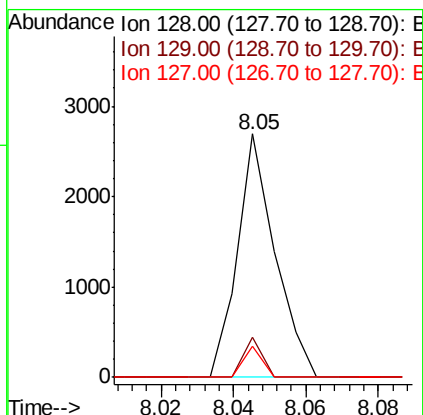
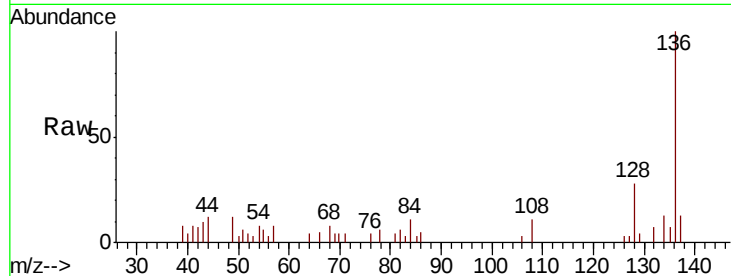




#31
Naphthalene
Concen: 0.089 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

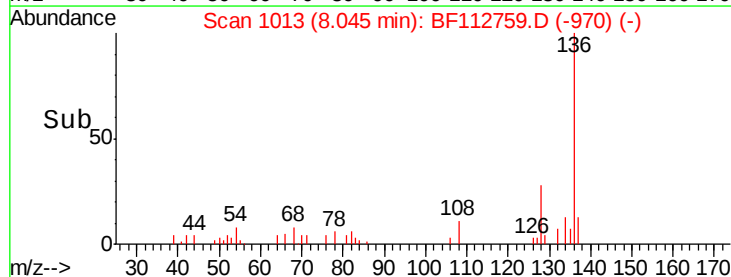
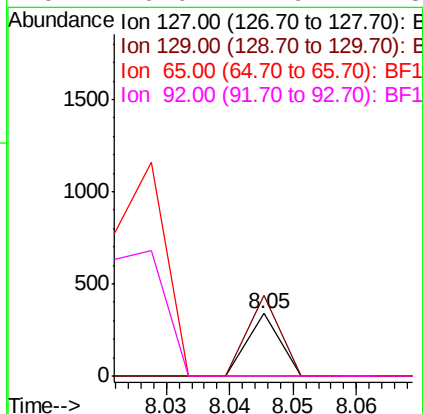
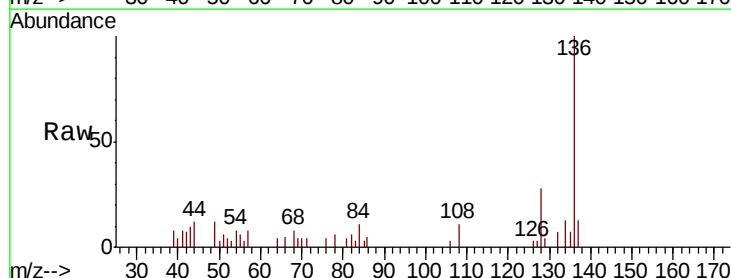
Instrument :
BNA_F
ClientSampleId :
44766

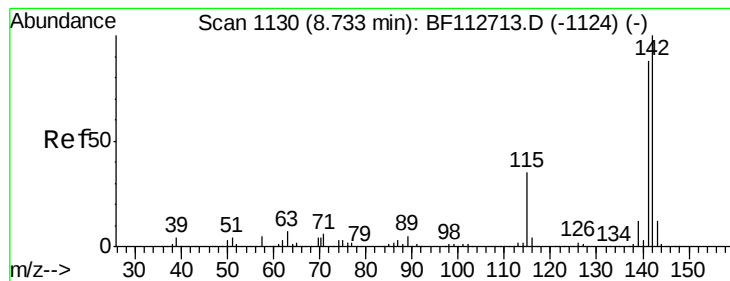
Tgt Ion:128 Resp: 1950
Ion Ratio Lower Upper
128 100
129 16.3 9.3 13.9#
127 12.5 10.9 16.3



#33
4-Chloroaniline
Concen: 0.013 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.05 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Tgt Ion:127 Resp: 119
Ion Ratio Lower Upper
127 100
129 129.6 26.4 39.6#
65 0.0 23.1 34.7#
92 0.0 14.9 22.3#





#37

2-Methylnaphthalene

Concen: 0.070 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampleId :

44766

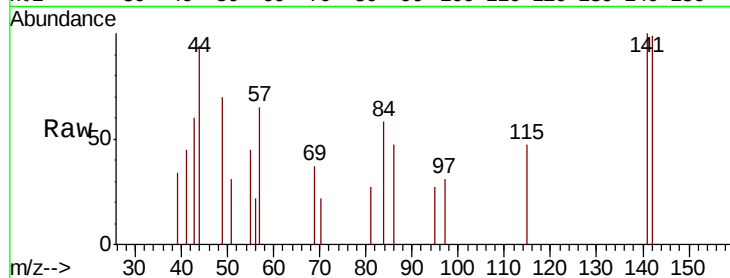
Tgt Ion:142 Resp: 1002

Ion Ratio Lower Upper

142 100

141 100.6 70.3 105.5

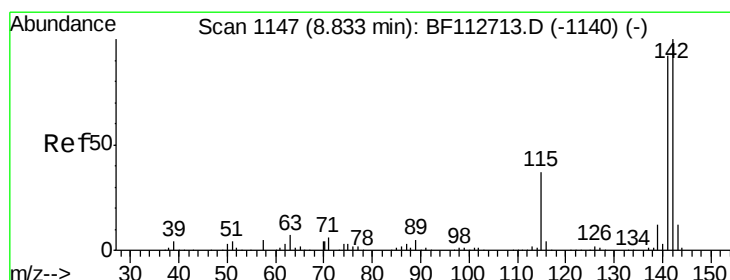
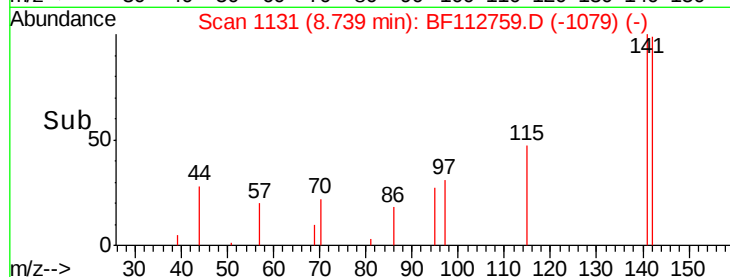
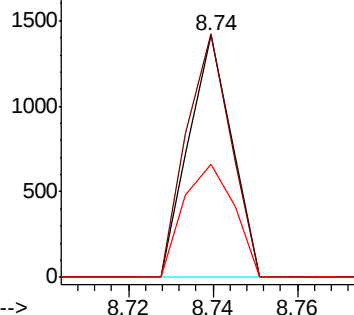
115 46.8 27.8 41.6#



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: 0.067 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

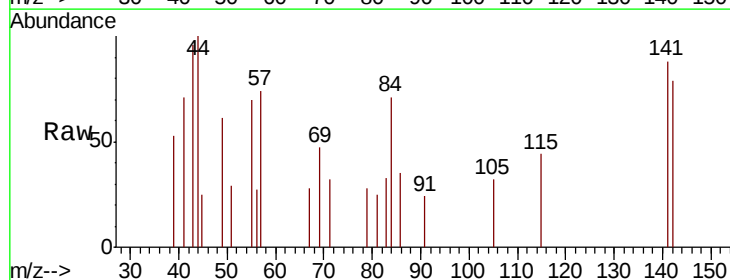
Tgt Ion:142 Resp: 917

Ion Ratio Lower Upper

142 100

141 112.4 73.7 110.5#

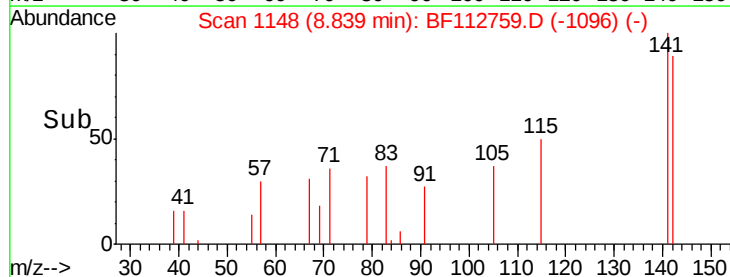
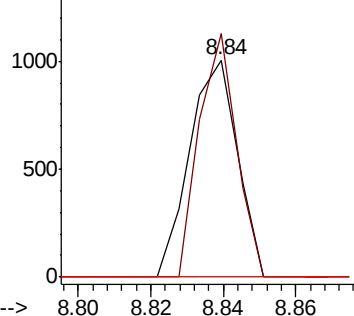
116 0.0 3.1 4.7#

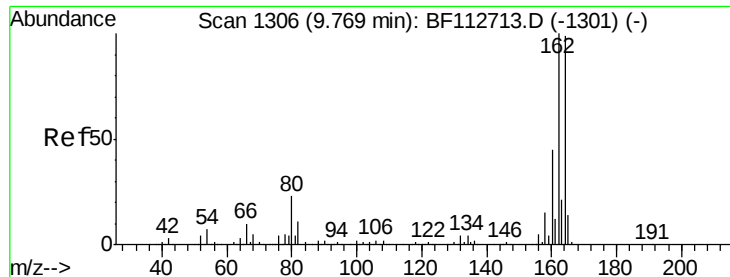


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

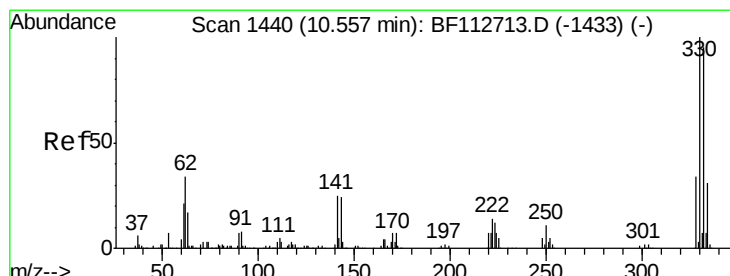
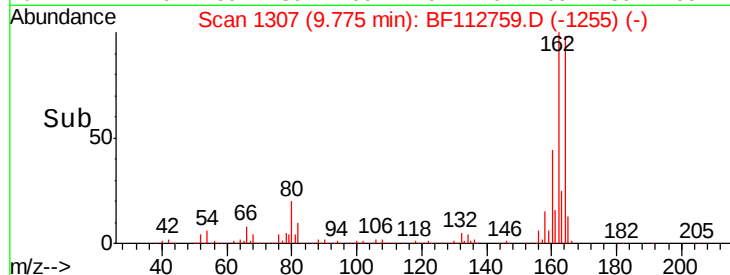
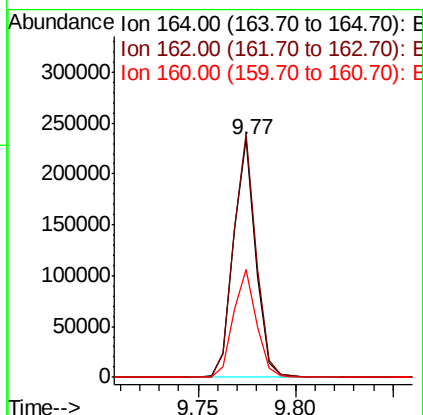
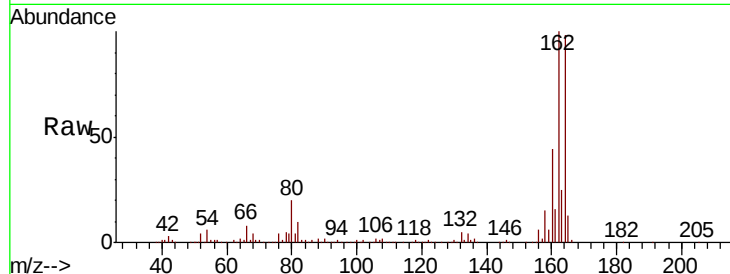




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

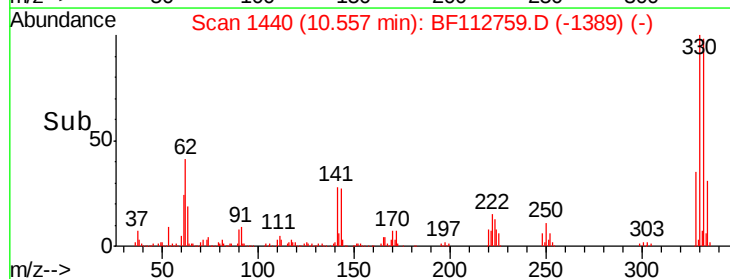
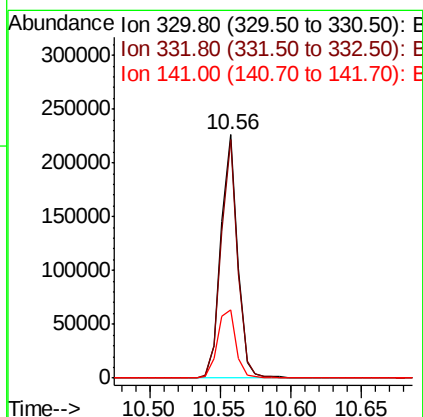
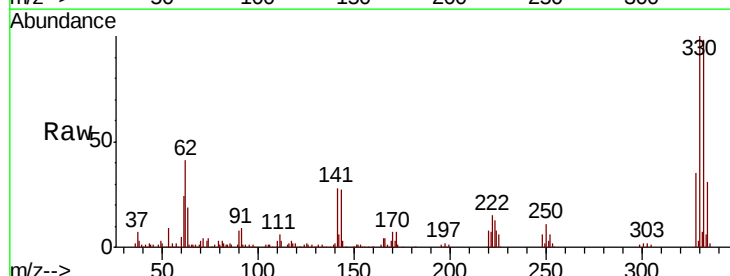
Instrument :
 BNA_F
 ClientSampleId :
 44766

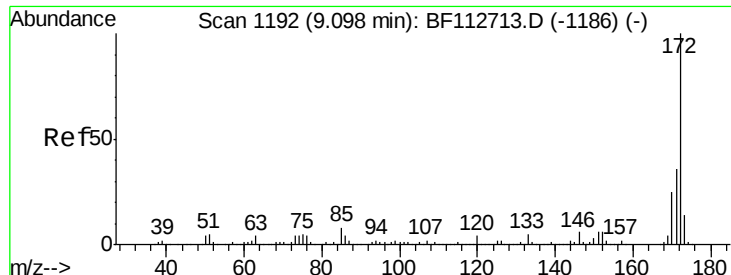
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	45.4	36.0	54.0



#42
 2,4,6-Tribromophenol
 Concen: 95.693 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	31.0	27.0	40.6

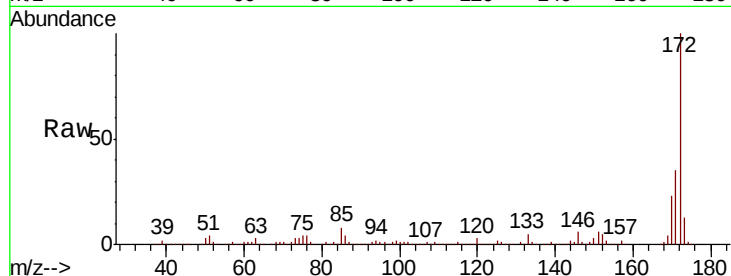




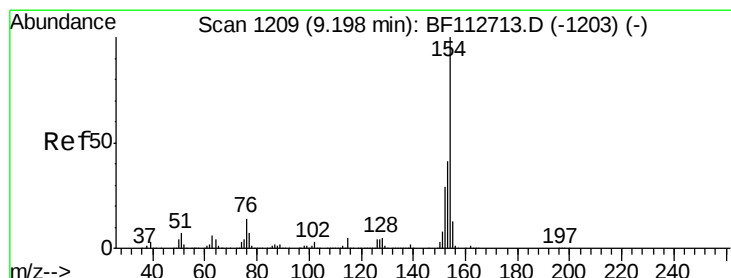
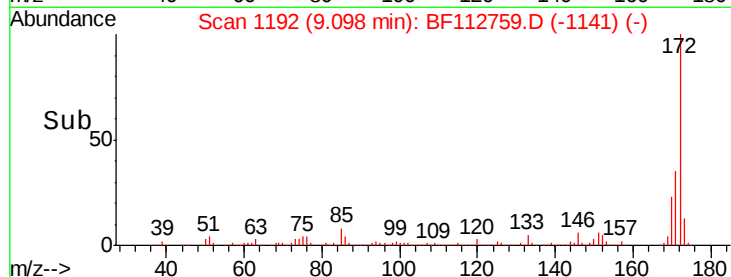
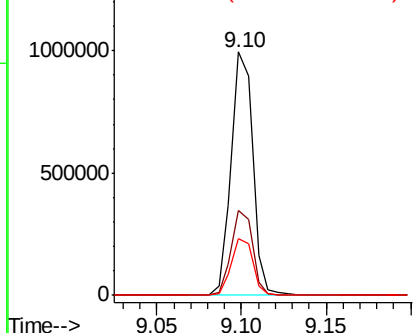
#45
 2-Fluorobiphenyl
 Concen: 81.733 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 44766

Tgt Ion:172 Resp: 883842
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.0 43.4
 170 23.4 20.0 30.0

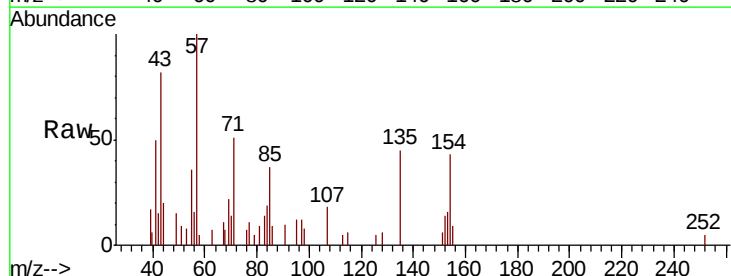


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

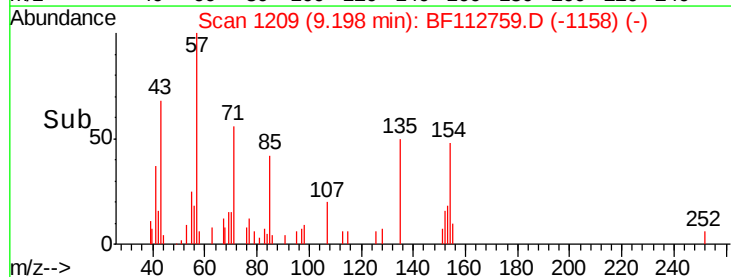
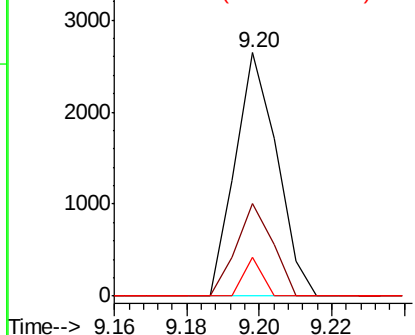


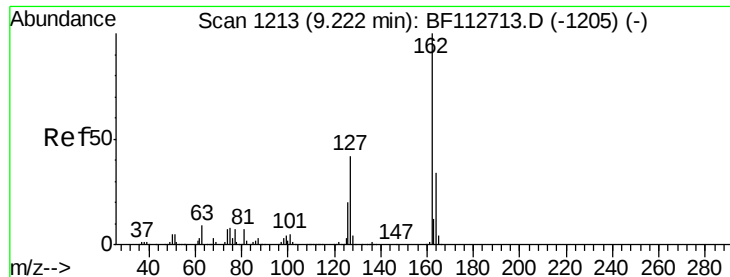
#46
 1,1'-Biphenyl
 Concen: 0.141 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Tgt Ion:154 Resp: 2120
 Ion Ratio Lower Upper
 154 100
 153 38.0 20.8 60.8
 76 15.8 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: 0.028 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.27 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampleId :

44766

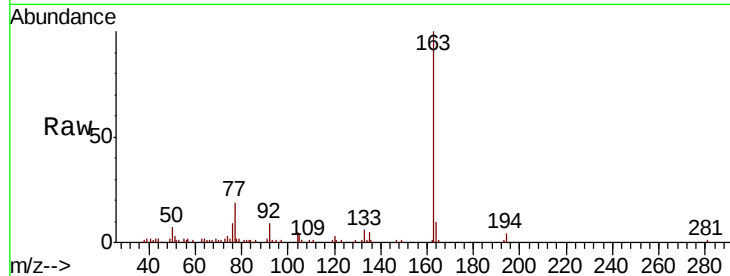
Tgt Ion:162 Resp: 328

Ion Ratio Lower Upper

162 100

127 0.0 33.4 50.2#

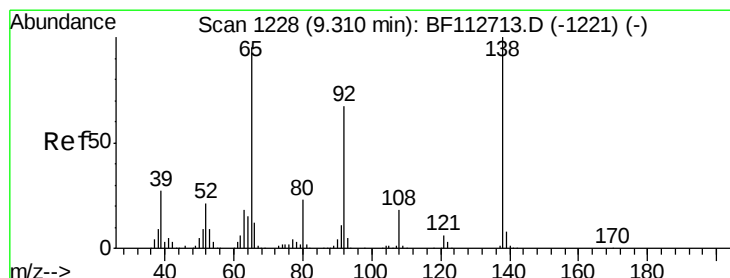
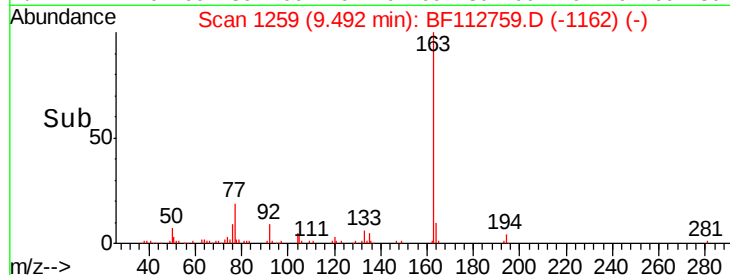
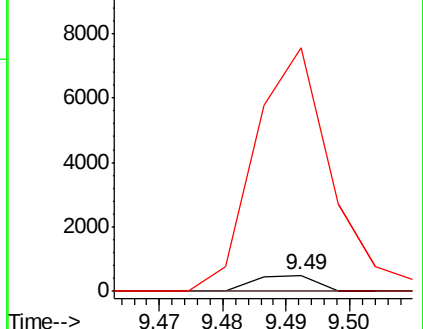
164 1522.8 26.9 40.3#



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: 0.210 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.18 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

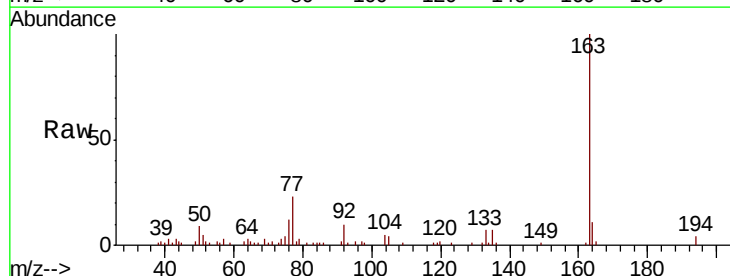
Tgt Ion: 65 Resp: 751

Ion Ratio Lower Upper

65 100

92 607.6 56.4 84.6#

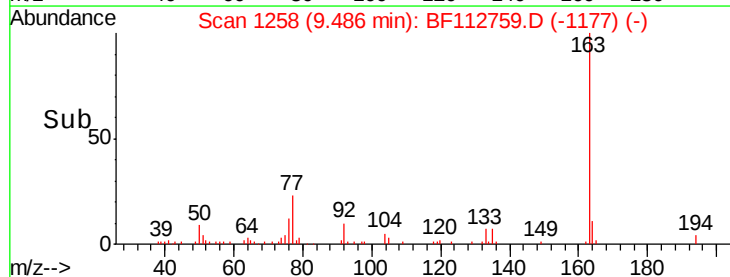
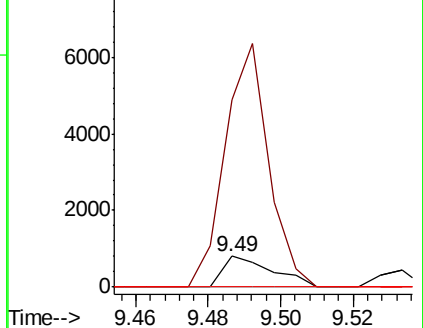
138 0.0 84.6 126.8#

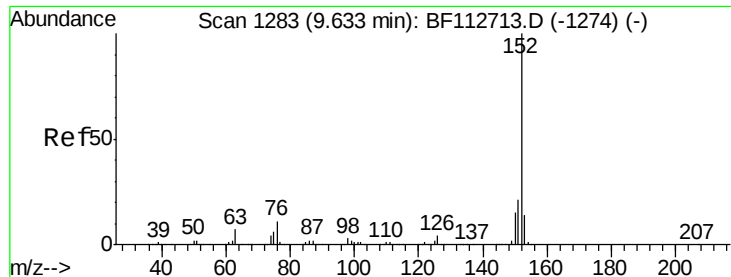


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

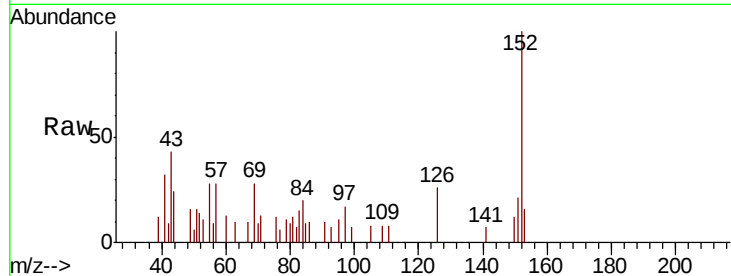




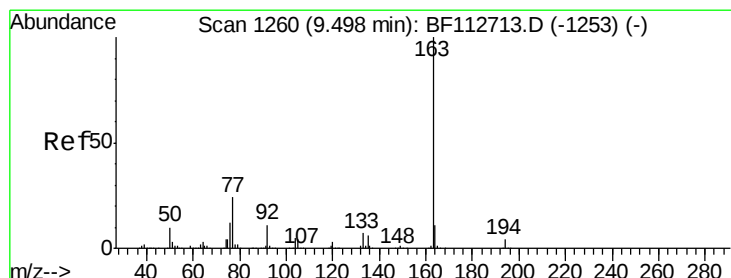
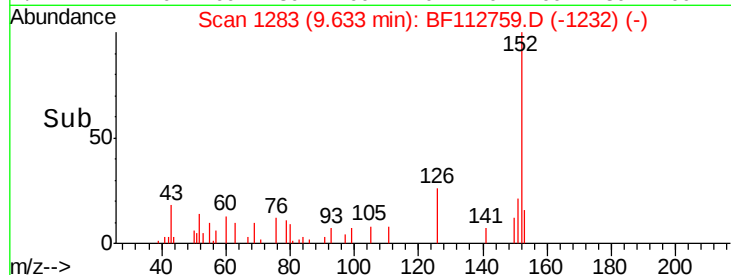
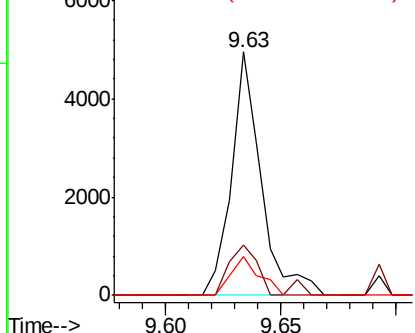
#49
Acenaphthylene
Concen: 0.222 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Instrument :
BNA_F
ClientSampleId :
44766

Tgt Ion:152 Resp: 4427
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 16.2 11.0 16.6

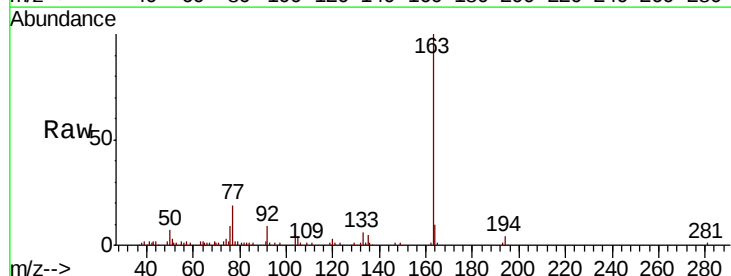


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

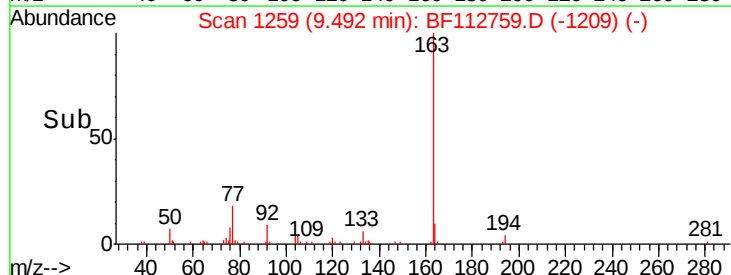
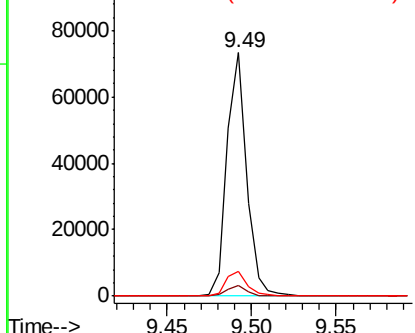


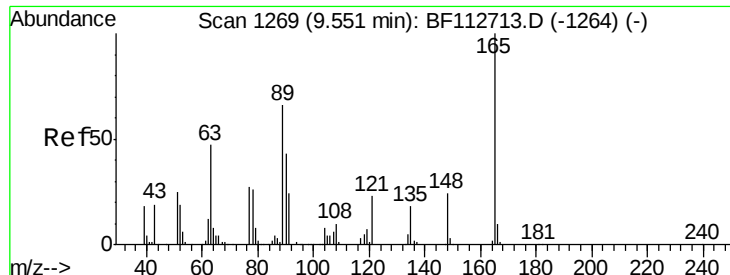
#50
Dimethylphthalate
Concen: 4.371 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Tgt Ion:163 Resp: 59446
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.3 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

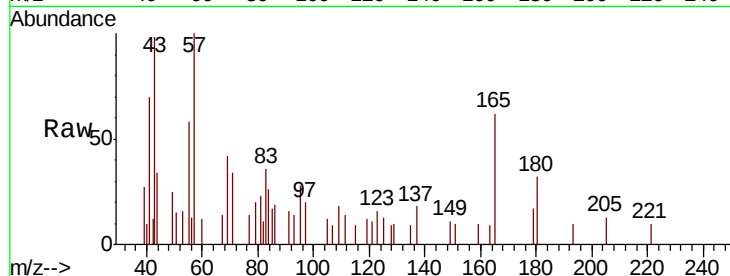




#51
2,6-Dinitrotoluene
Concen: 0.555 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Instrument :
BNA_F
ClientSampleId :
44766

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	52.8	79.2#

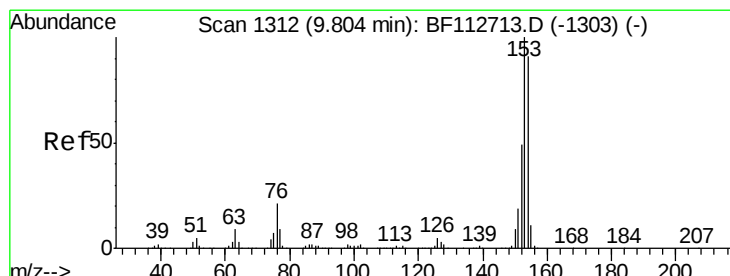
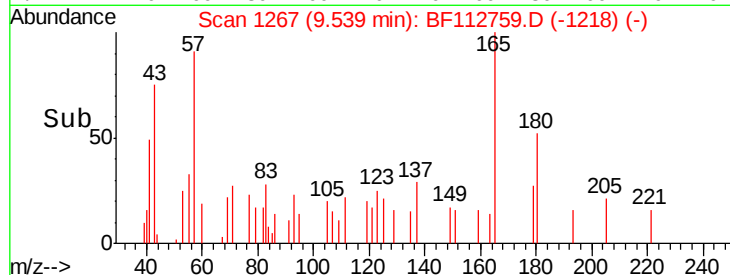
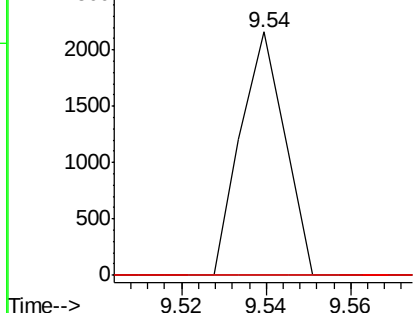


Abundance

Ion 165.00 (164.70 to 165.70): E

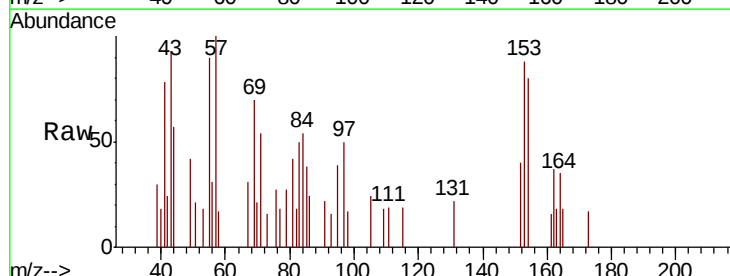
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 0.090 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.4	87.8	131.8
152	49.4	43.0	64.6

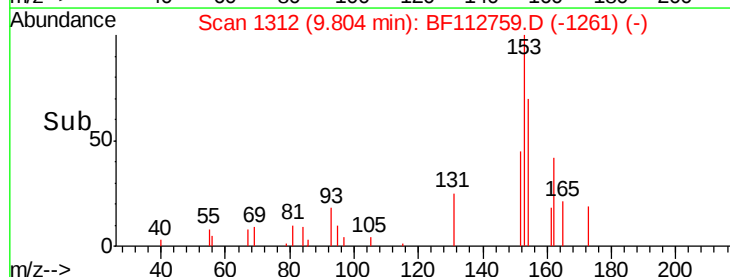
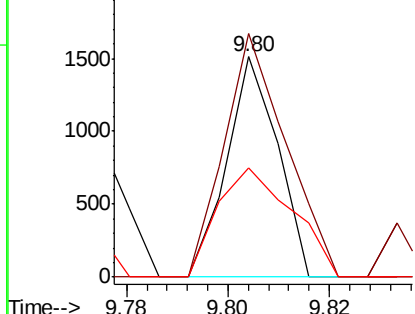


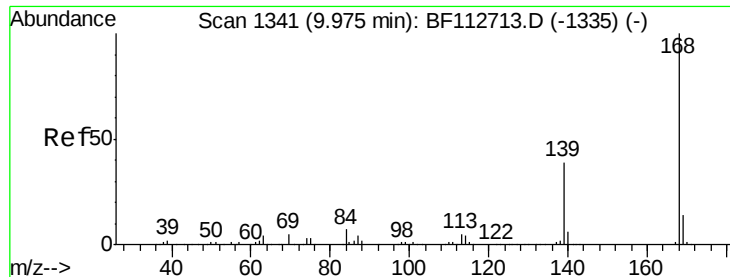
Abundance

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

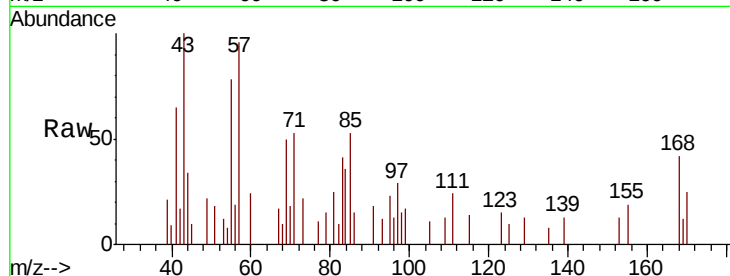




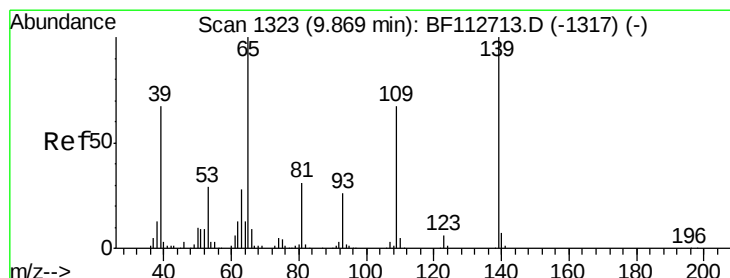
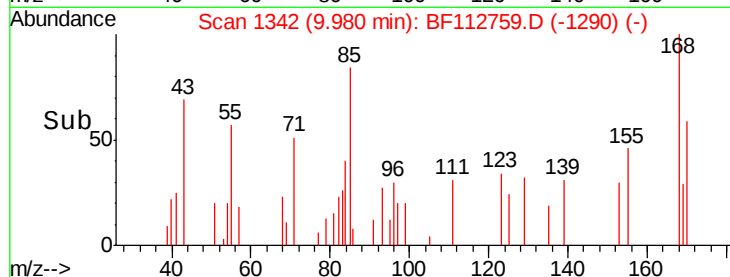
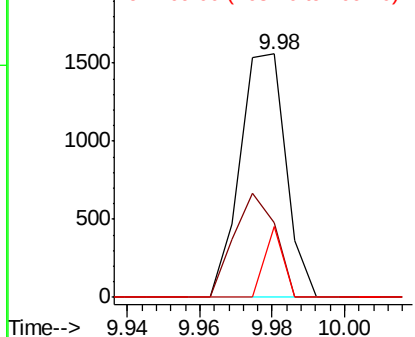
#55
Dibenzofuran
Concen: 0.082 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Instrument :
BNA_F
ClientSampled :
44766

Tgt Ion:168 Resp: 1385
Ion Ratio Lower Upper
168 100
139 30.6 31.3 46.9#
169 29.1 11.3 16.9#

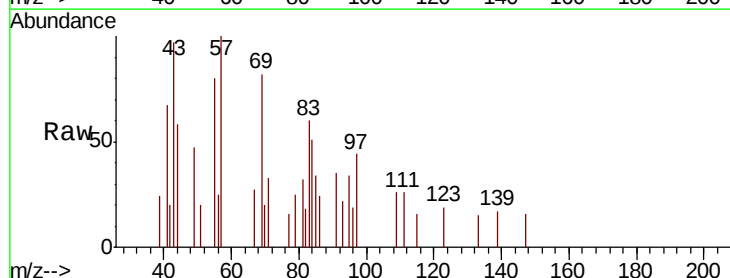


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

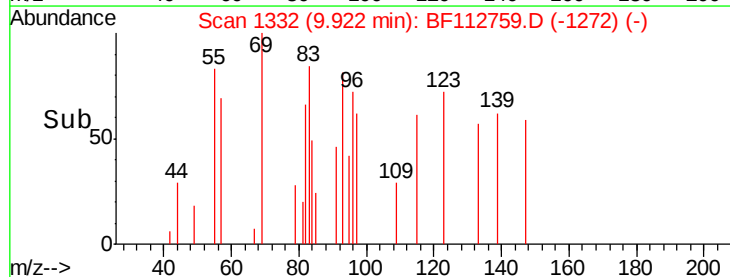
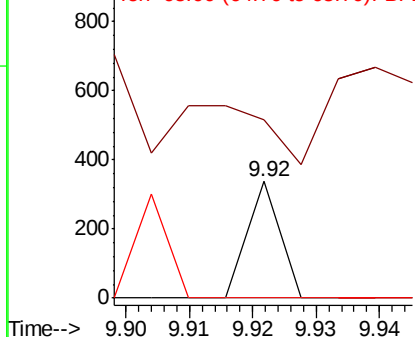


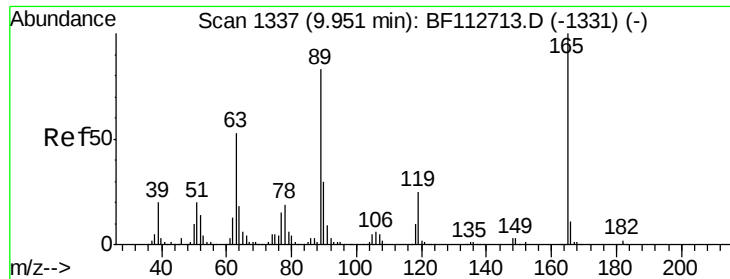
#56
4-Nitrophenol
Concen: 0.042 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.05 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Tgt Ion:139 Resp: 119
Ion Ratio Lower Upper
139 100
109 152.7 46.8 86.8#
65 0.0 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

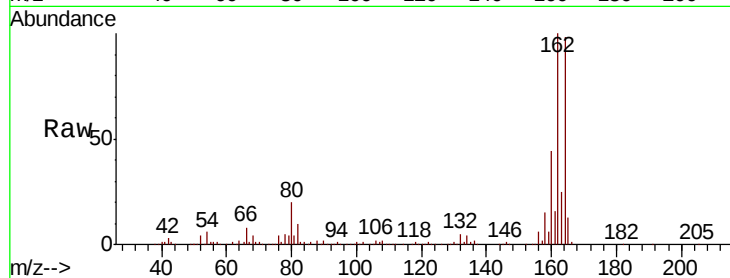




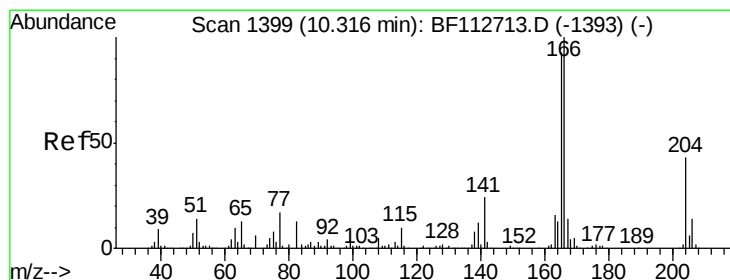
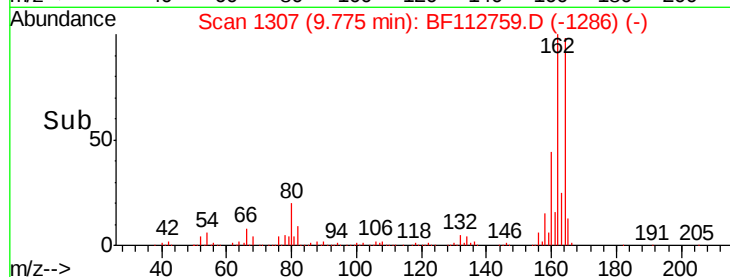
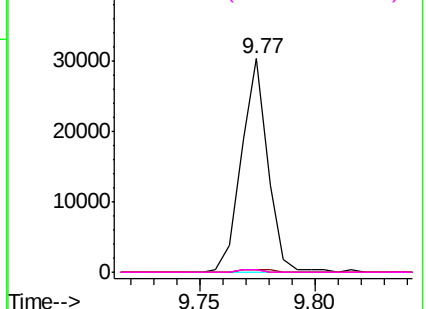
#57
 2,4-Dinitrotoluene
 Concen: 6.914 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.18 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 44766

Tgt Ion:	165	Resp:	24337
Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.4	66.2	99.4#
182	1.0	1.8	2.6#

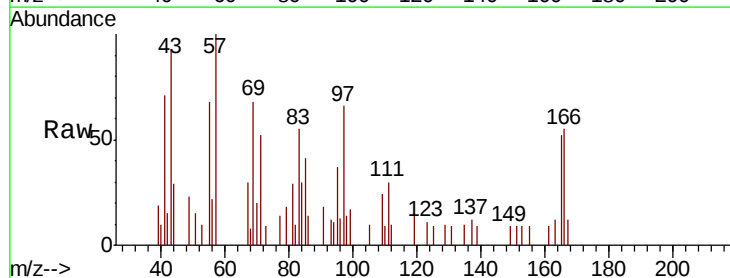


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

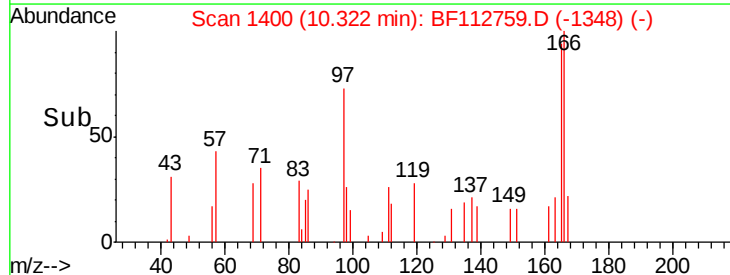
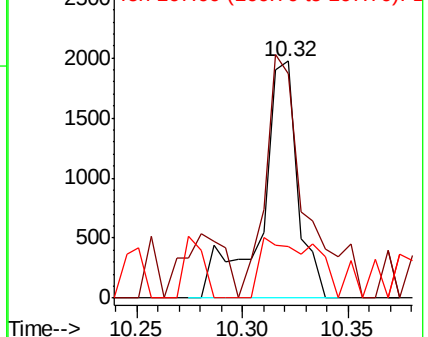


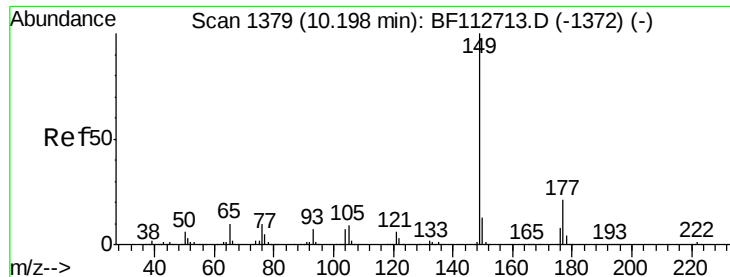
#58
 Fluorene
 Concen: 0.197 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Tgt Ion:	166	Resp:	2366
Ion	Ratio	Lower	Upper
166	100		
165	94.5	74.7	112.1
167	21.7	11.0	16.6#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

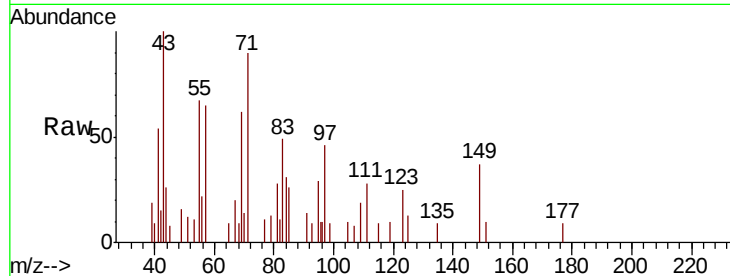




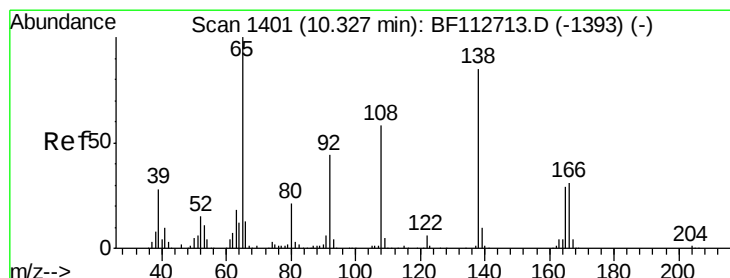
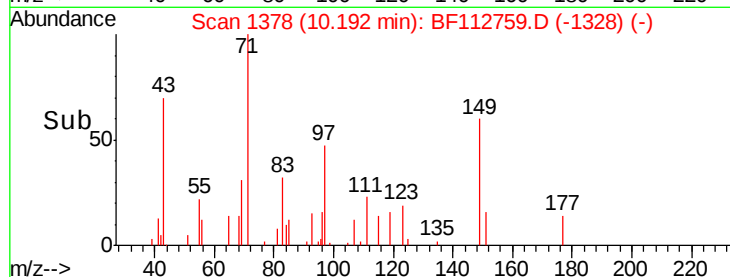
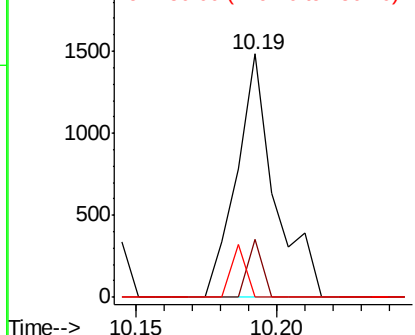
#60
Diethylphthalate
Concen: 0.097 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Instrument :
BNA_F
ClientSampleId :
44766

Tgt Ion:149 Resp: 1390
Ion Ratio Lower Upper
149 100
177 23.7 17.0 25.6
150 0.0 10.0 15.0#

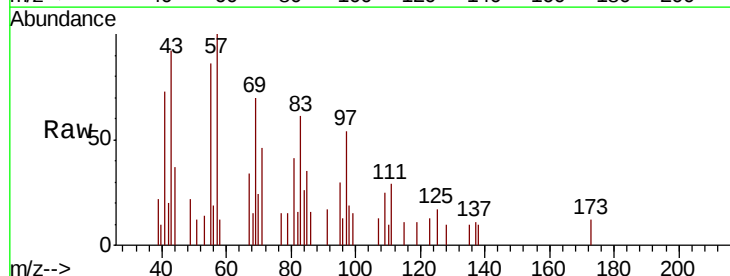


Abundance Ion 149.00 (148.70 to 149.70): E
2000 Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

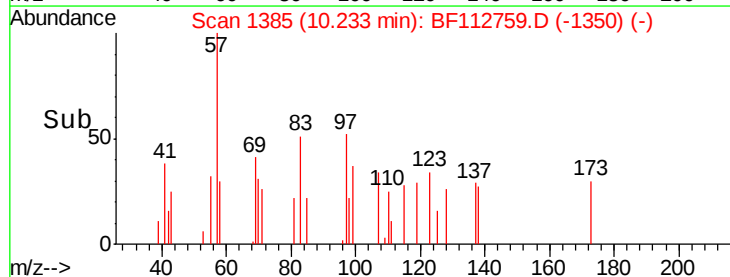
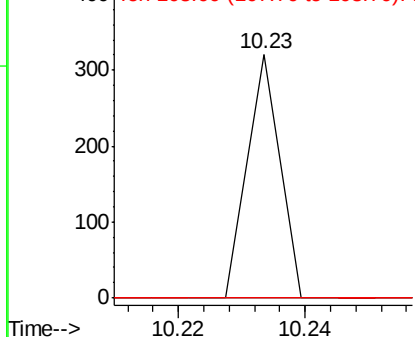


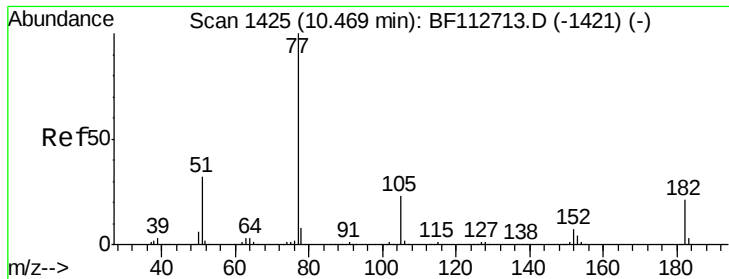
#62
4-Nitroaniline
Concen: 0.035 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.09 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Tgt Ion:138 Resp: 113
Ion Ratio Lower Upper
138 100
92 0.0 31.3 71.3#
108 0.0 48.1 88.1#



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: 0.038 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampled :

44766

Tgt Ion: 77 Resp: 553

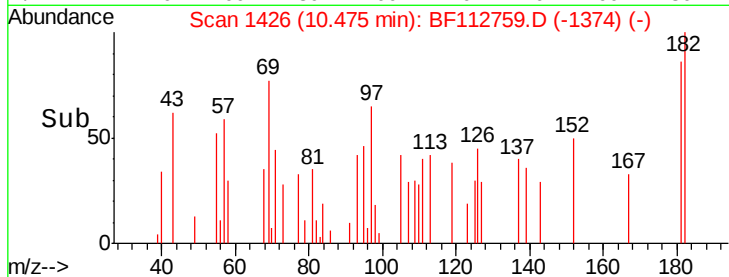
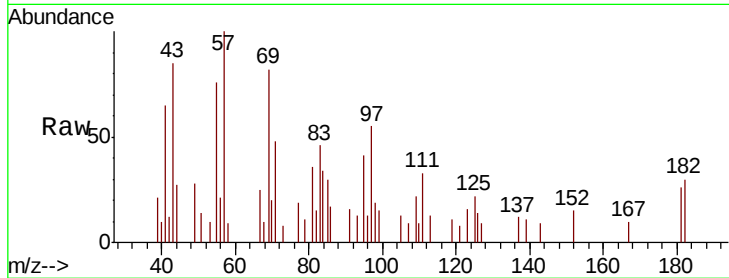
Ion Ratio Lower Upper

77 100

182 156.6 1.4 41.4#

105 65.4 2.6 42.6#

51 73.5 12.0 52.0#

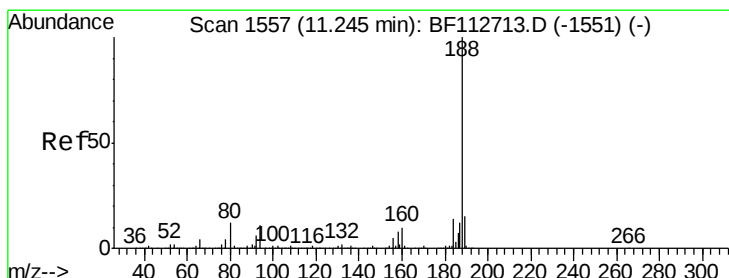
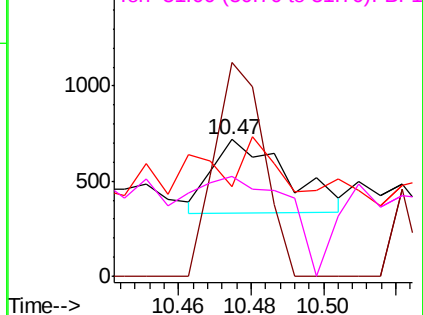


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

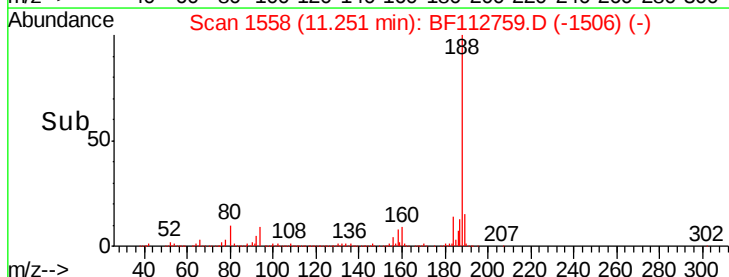
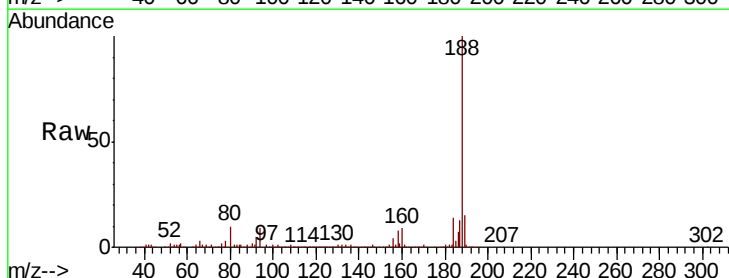
Tgt Ion: 188 Resp: 316238

Ion Ratio Lower Upper

188 100

94 9.5 9.0 13.4

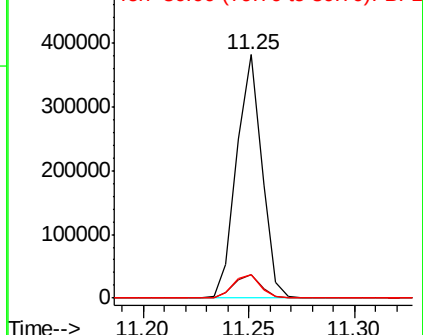
80 9.7 9.2 13.8

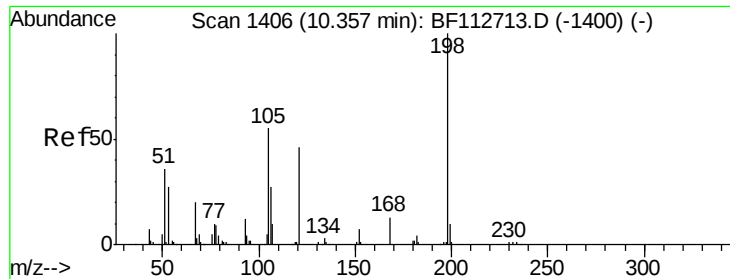


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 4.813 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampleId :

44766

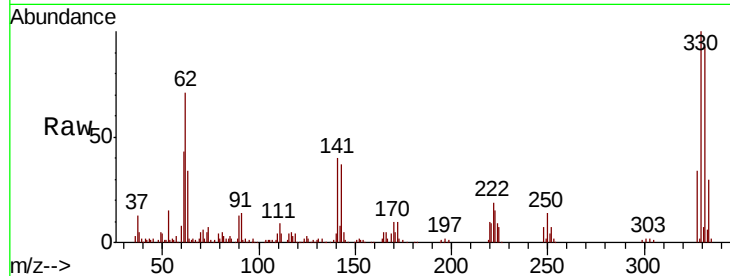
Tgt Ion:198 Resp: 288

Ion Ratio Lower Upper

198 100

51 281.0 43.8 83.8#

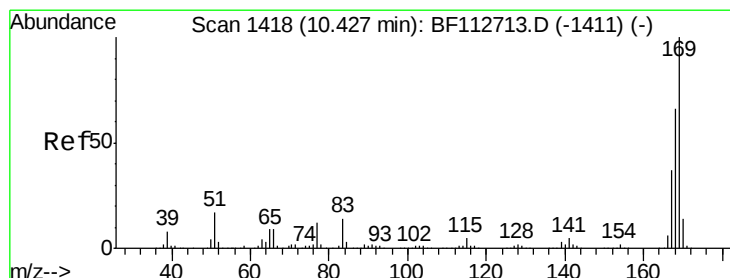
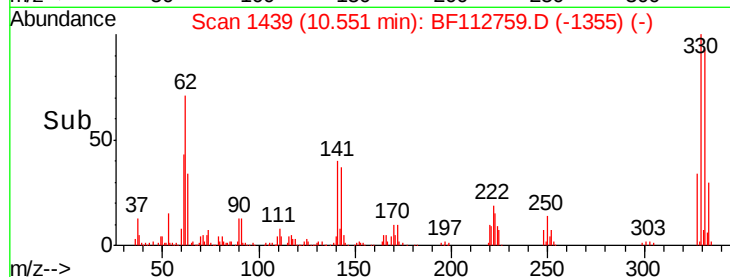
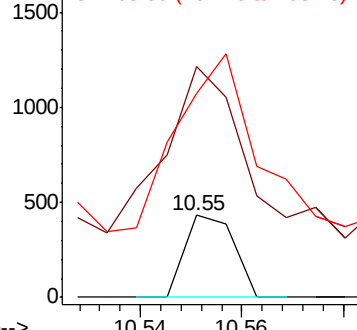
105 248.4 36.5 76.5#



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: 0.145 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

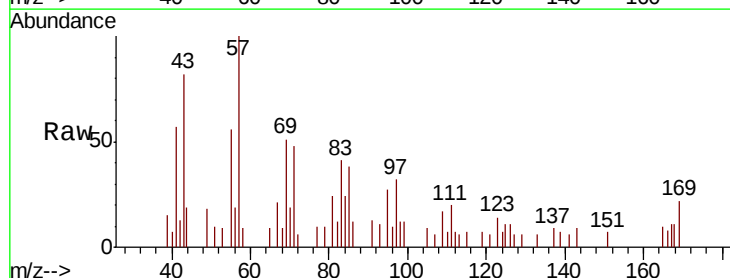
Tgt Ion:169 Resp: 1468

Ion Ratio Lower Upper

169 100

168 51.3 53.0 79.6#

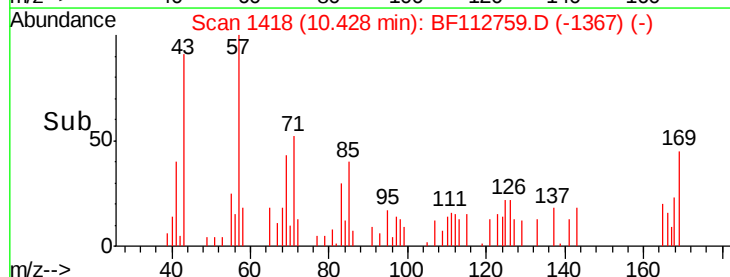
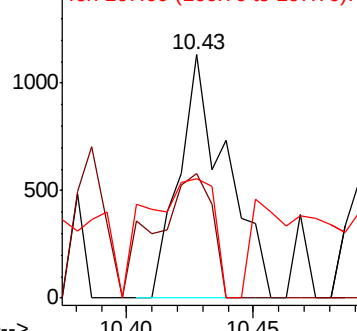
167 48.9 29.3 43.9#

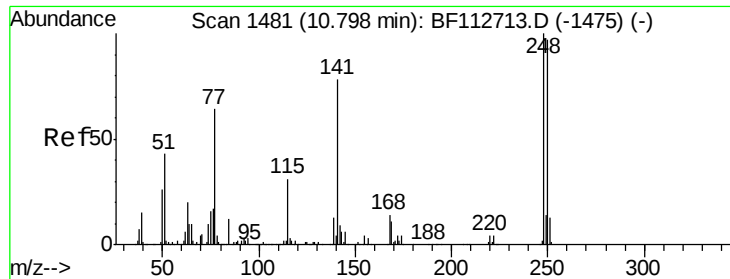


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

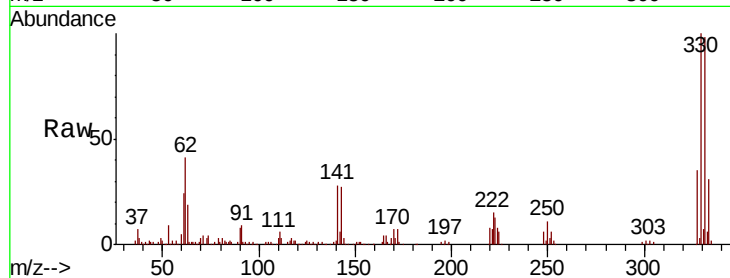




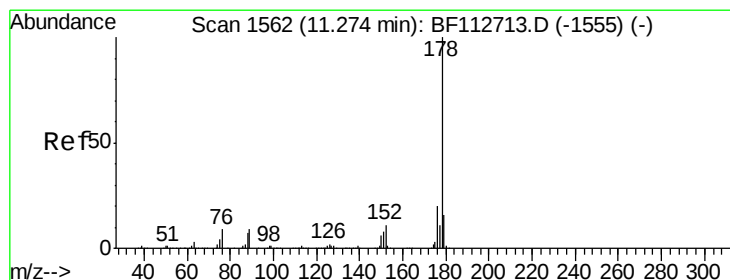
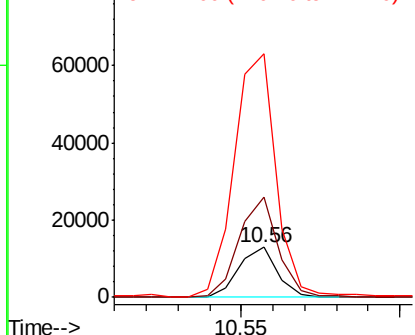
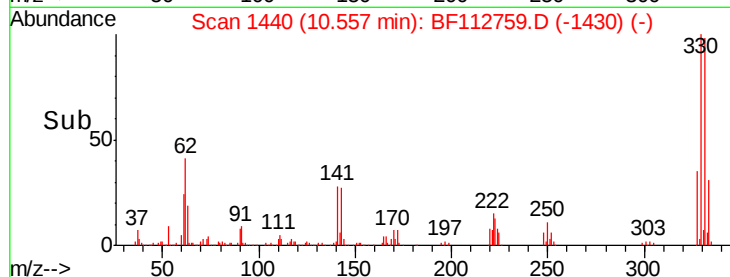
#67
 4-Bromophenyl-phenylether
 Concen: 3.237 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 44766

Tgt Ion:248 Resp: 10781
 Ion Ratio Lower Upper
 248 100
 250 199.6 77.5 116.3#
 141 485.0 62.4 93.6#

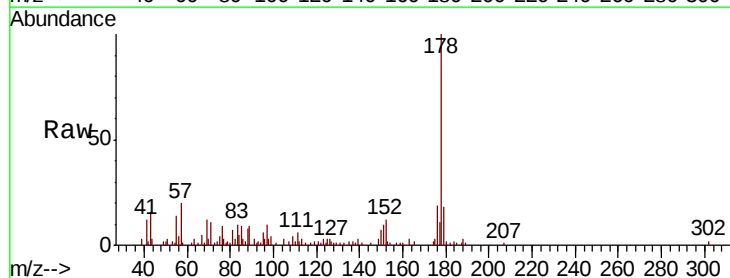


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

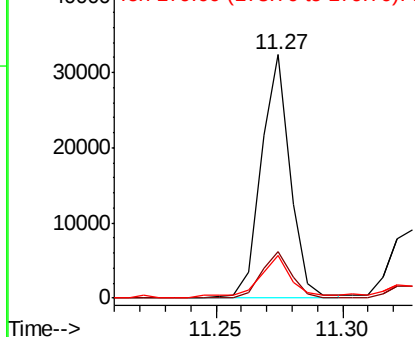
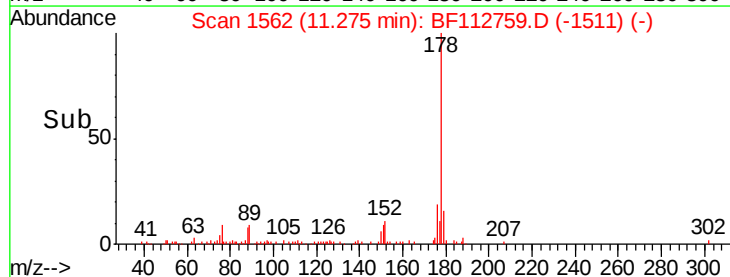


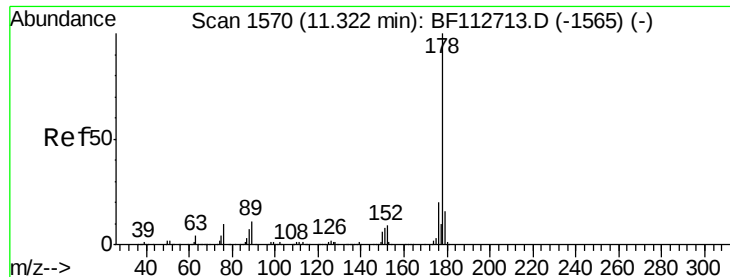
#71
 Phenanthrene
 Concen: 1.644 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Tgt Ion:178 Resp: 25867
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.3 24.5
 179 17.7 12.7 19.1



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: 0.511 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampleId :

44766

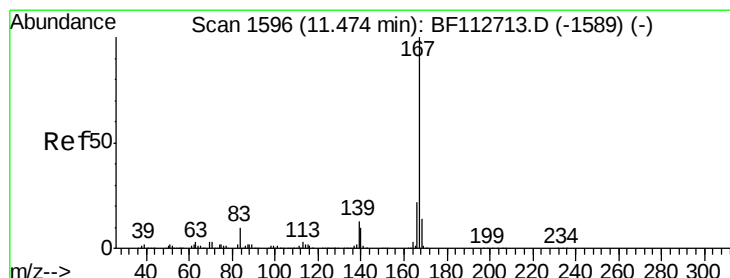
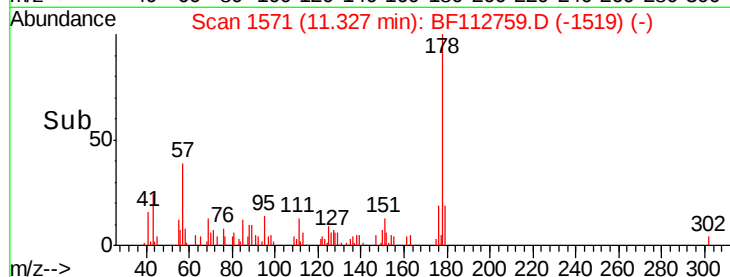
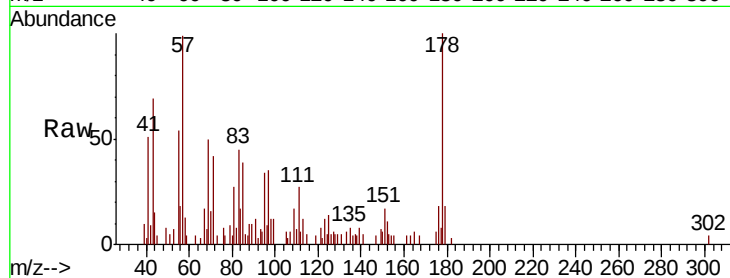
Tgt Ion:178 Resp: 8418

Ion Ratio Lower Upper

178 100

176 17.9 15.8 23.6

179 17.8 13.0 19.6



#73

Carbazole

Concen: 0.129 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

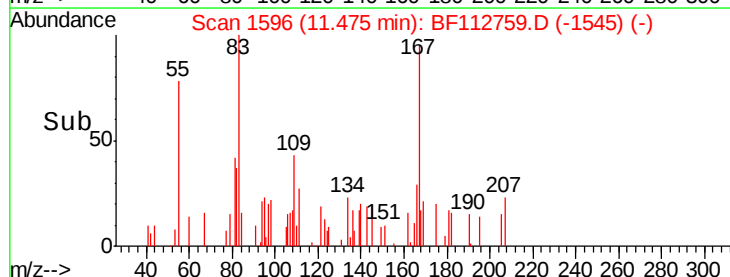
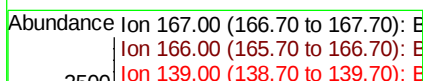
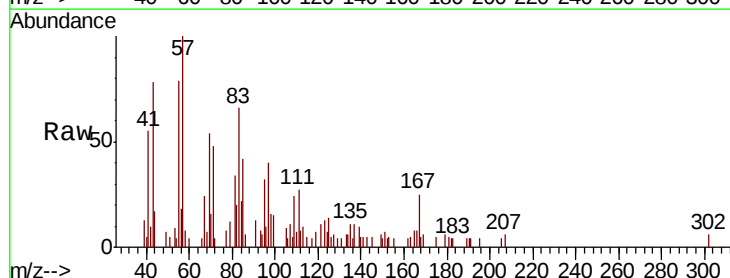
Tgt Ion:167 Resp: 2065

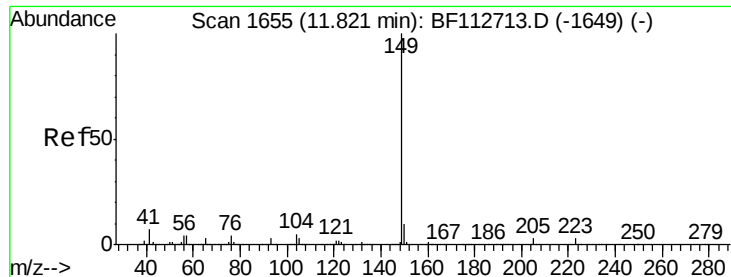
Ion Ratio Lower Upper

167 100

166 30.6 17.5 26.3#

139 40.0 10.8 16.2#





#74

Di-n-butylphthalate

Concen: 0.391 ng

RT: 11.82 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampleId :

44766

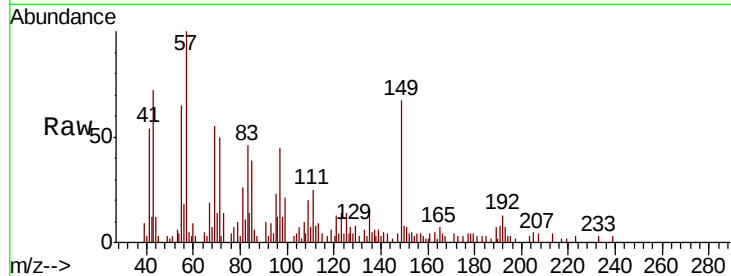
Tgt Ion:149 Resp: 7531

Ion Ratio Lower Upper

149 100

150 12.0 7.6 11.4#

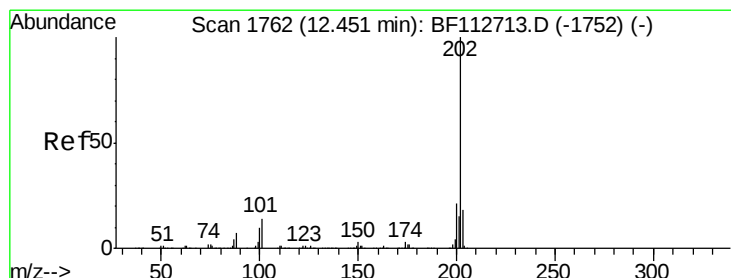
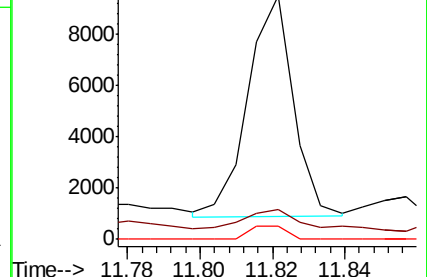
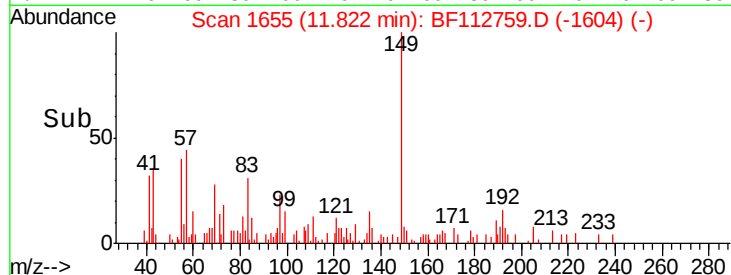
104 5.5 3.7 5.5



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: 3.668 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

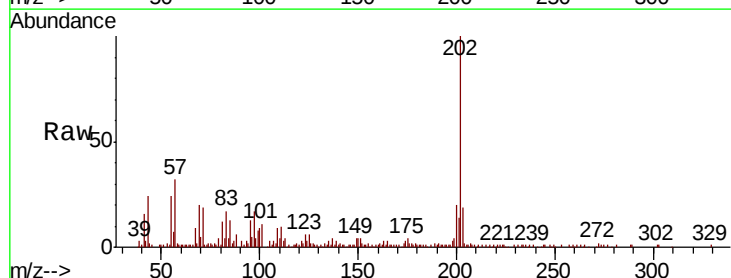
Tgt Ion:202 Resp: 61826

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.8

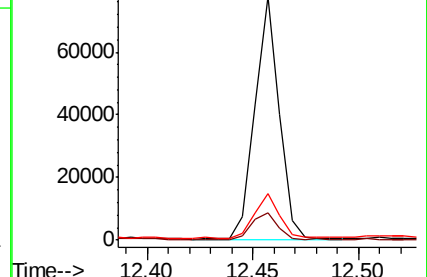
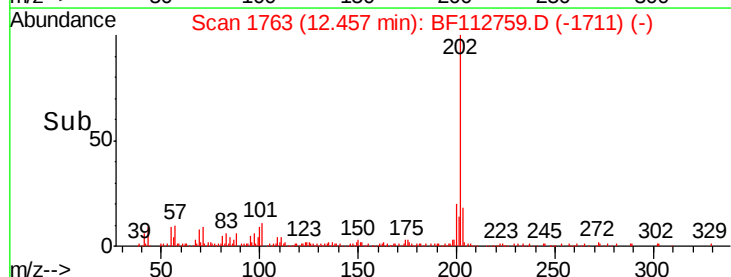
203 19.0 0.0 38.4

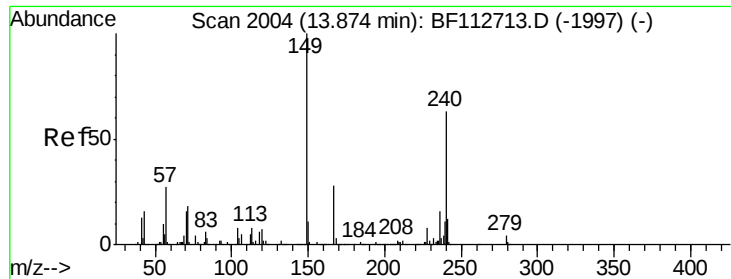


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

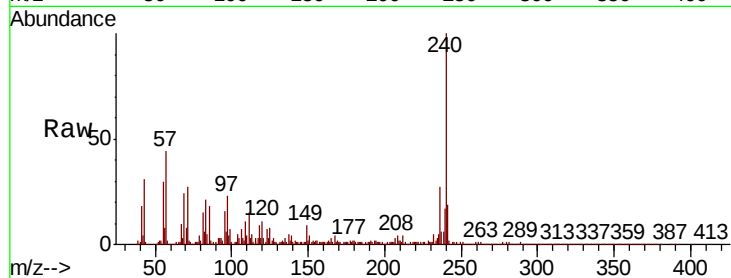




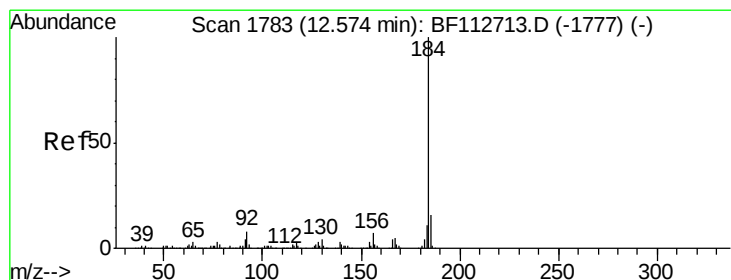
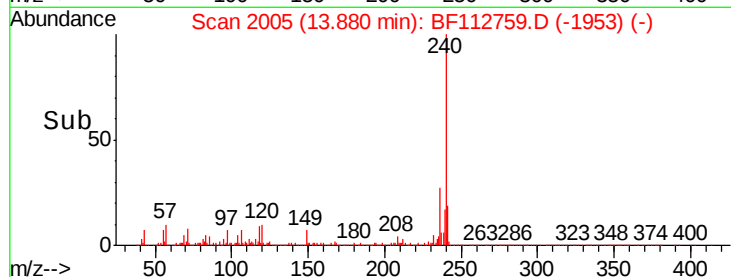
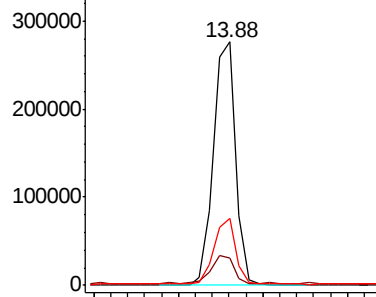
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Instrument :
BNA_F
ClientSampleId :
44766

Tgt Ion:240 Resp: 251740
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 27.5 20.7 31.1

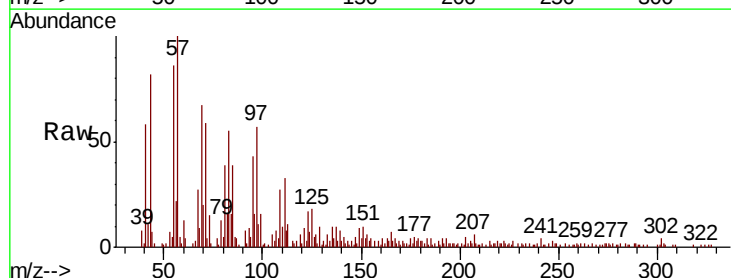


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

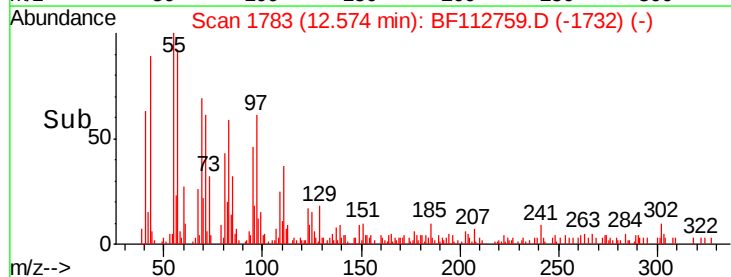
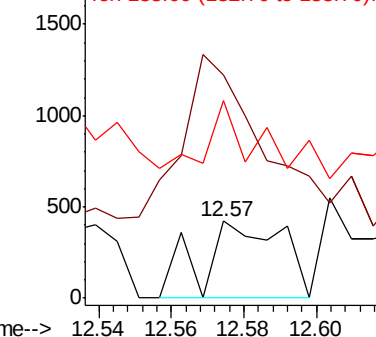


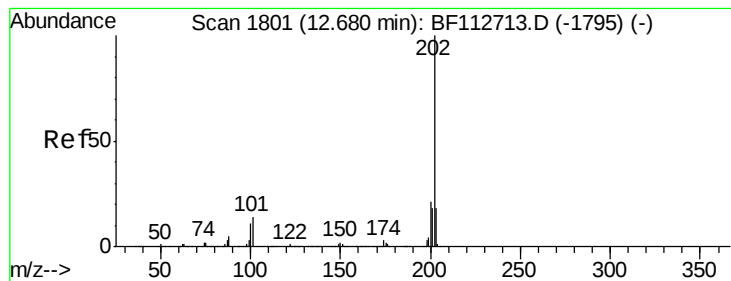
#77
Benzidine
Concen: 0.050 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Tgt Ion:184 Resp: 647
Ion Ratio Lower Upper
184 100
185 289.8 12.6 18.8#
183 255.9 8.6 12.8#



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: 2.726 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampleId :

44766

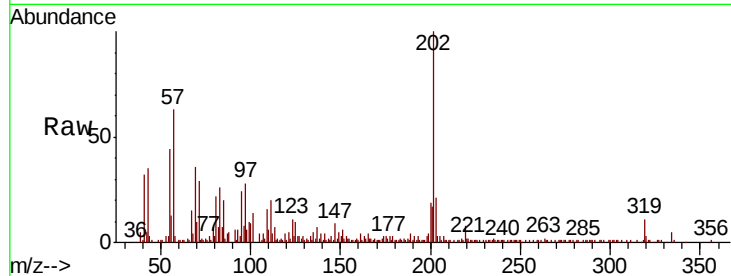
Tgt Ion:202 Resp: 57844

Ion Ratio Lower Upper

202 100

200 19.5 17.0 25.4

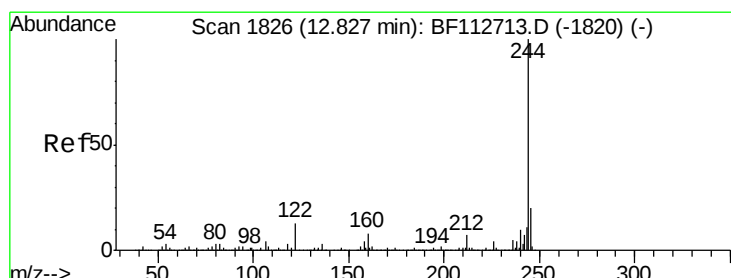
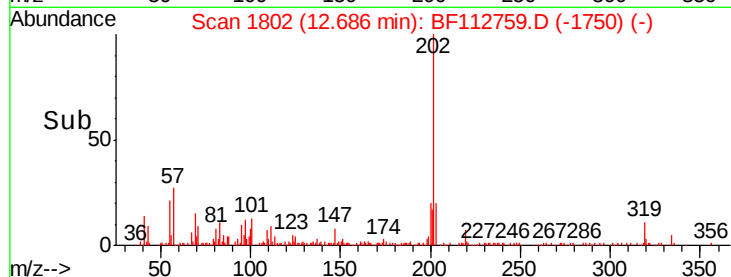
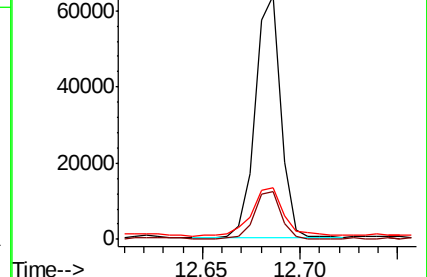
203 21.0 14.4 21.6



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: 59.092 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

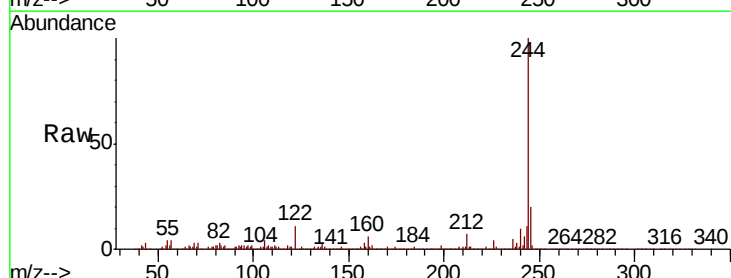
Tgt Ion:244 Resp: 767385

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

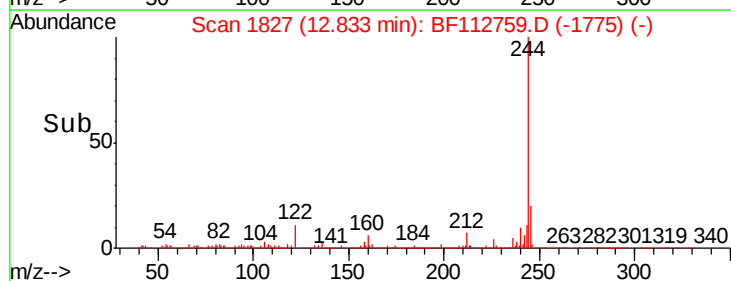
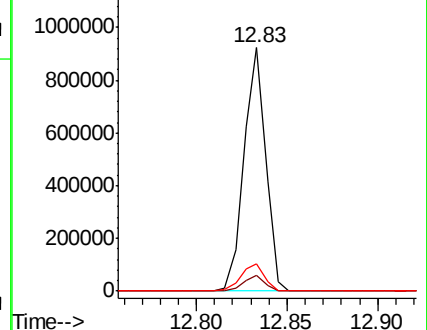
122 11.2 10.5 15.7

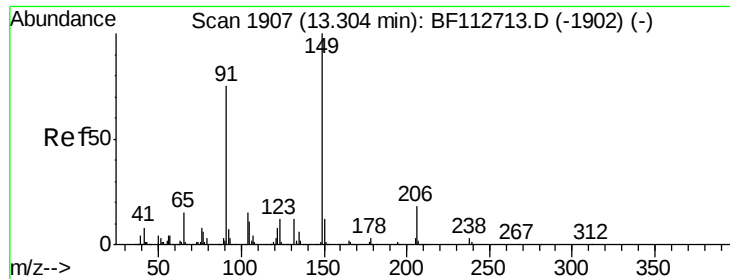


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

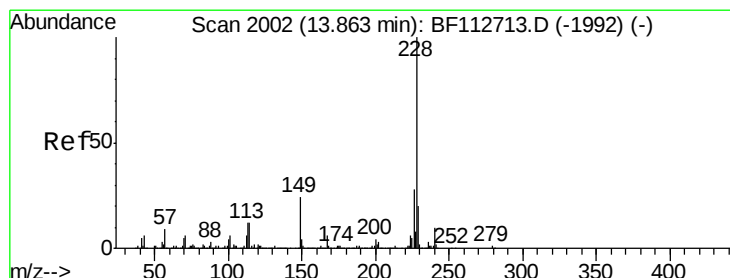
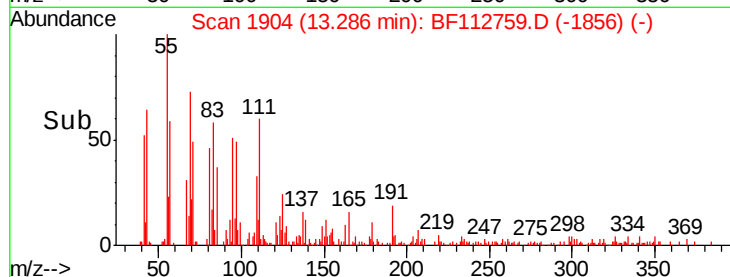
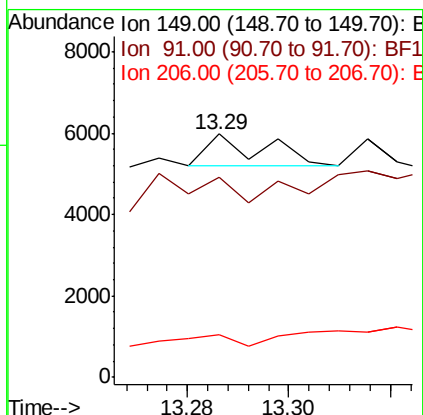
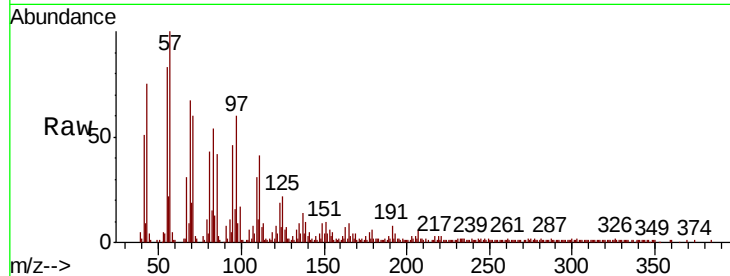




#80
Butylbenzylphthalate
Concen: 0.065 ng
RT: 13.29 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

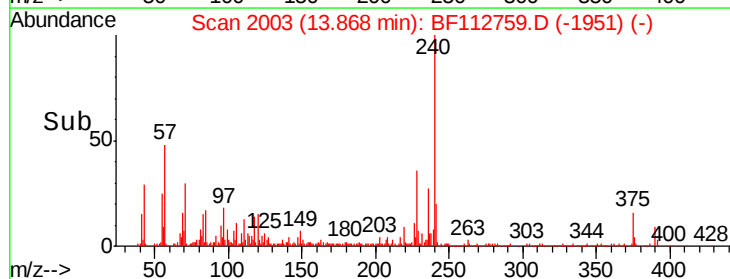
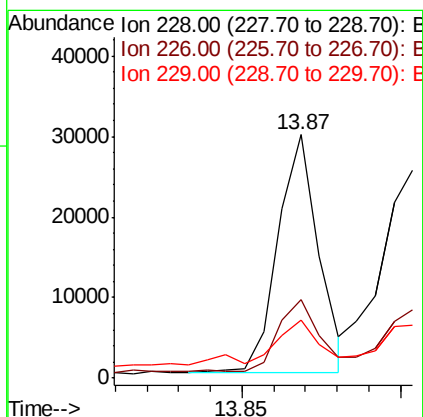
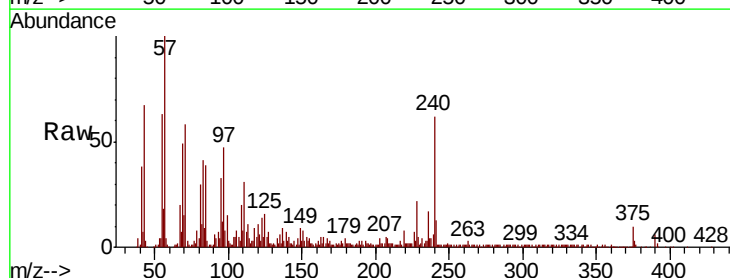
Instrument :
BNA_F
ClientSampleId :
44766

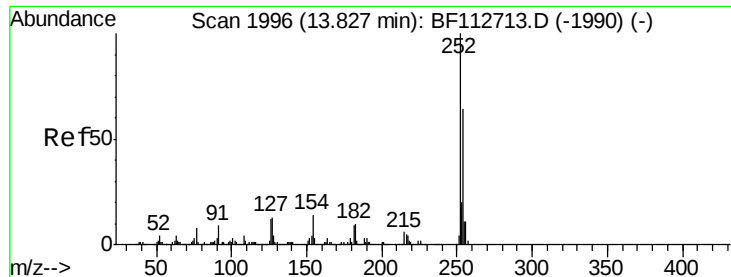
Tgt Ion:149 Resp: 606
Ion Ratio Lower Upper
149 100
91 82.1 59.9 89.9
206 17.6 14.7 22.1



#81
Benzo(a)anthracene
Concen: 1.522 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Tgt Ion:228 Resp: 26548
Ion Ratio Lower Upper
228 100
226 32.3 22.2 33.4
229 23.6 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 0.069 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

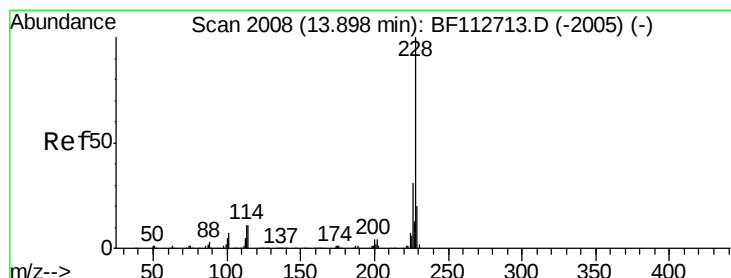
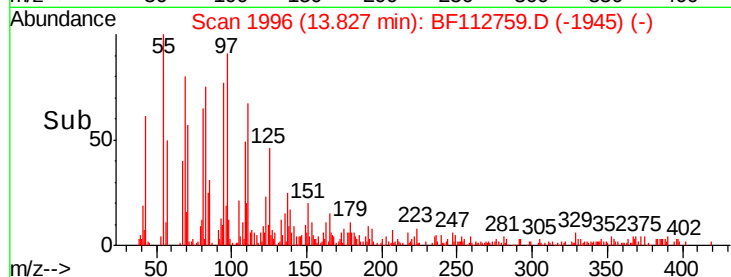
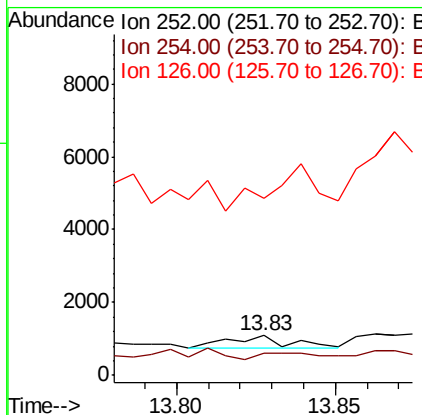
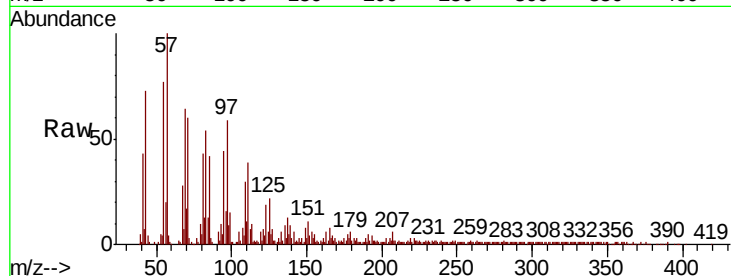
Instrument :

BNA_F

ClientSampleId :

44766

Tgt Ion:	252	Resp:	453
Ion	Ratio	Lower	Upper
252	100		
254	56.4	51.1	76.7
126	445.4	9.9	14.9#



#83

Chrysene

Concen: 1.553 ng

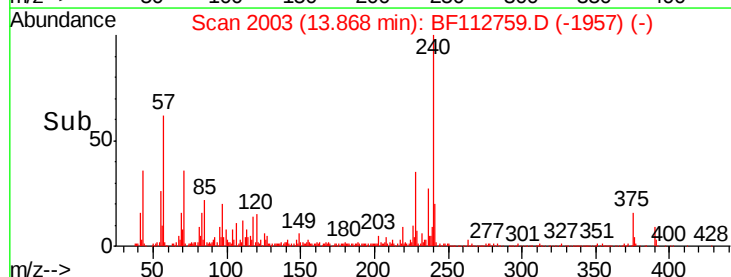
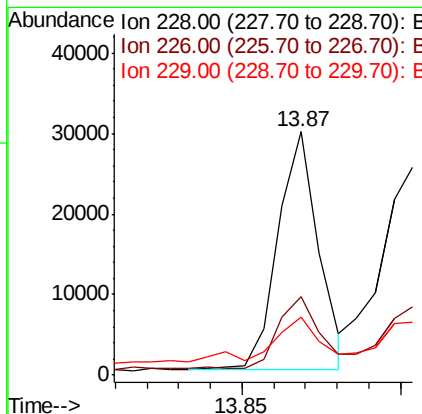
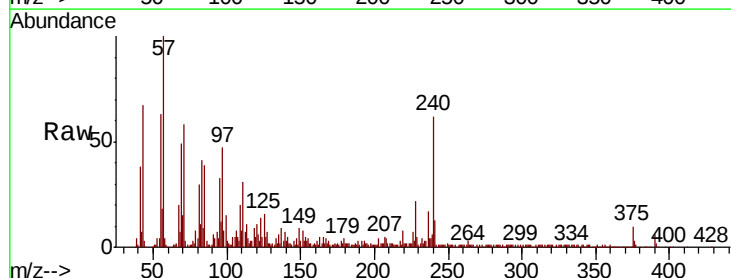
RT: 13.87 min Scan# 2003

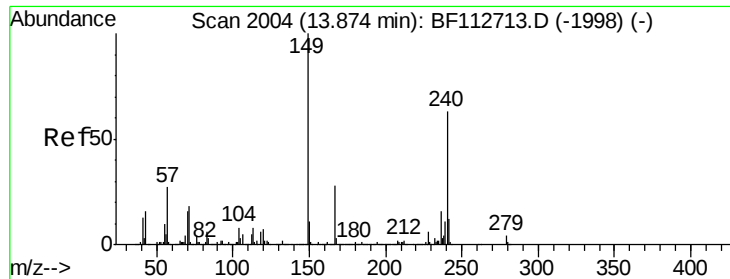
Delta R.T. -0.03 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Tgt Ion:	228	Resp:	26548
Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	23.6	16.3	24.5

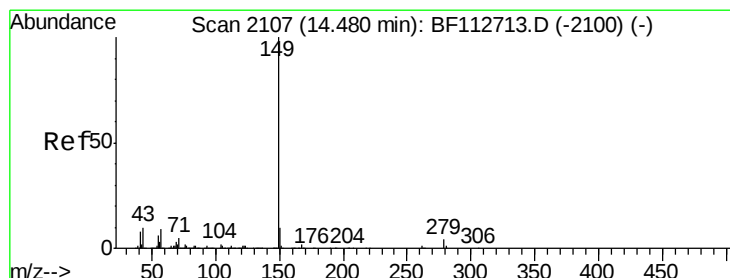
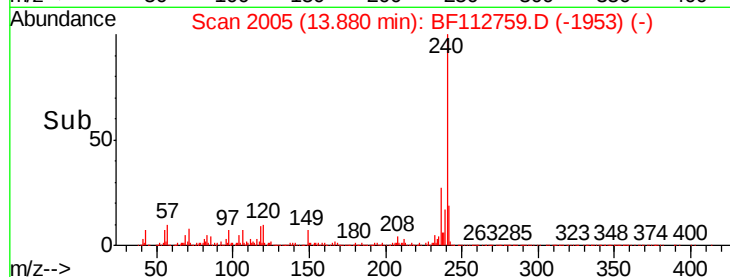
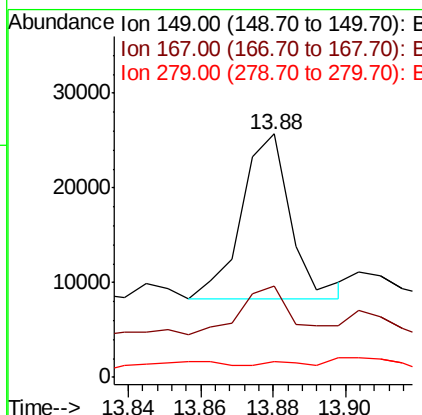
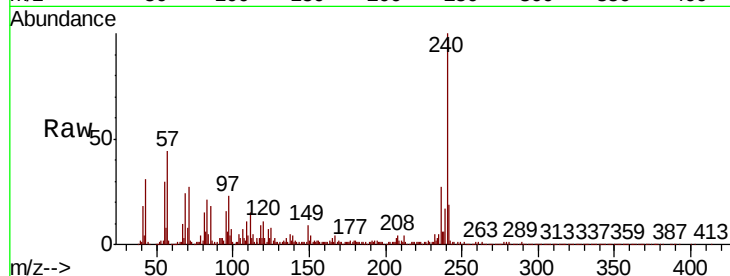




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.516 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

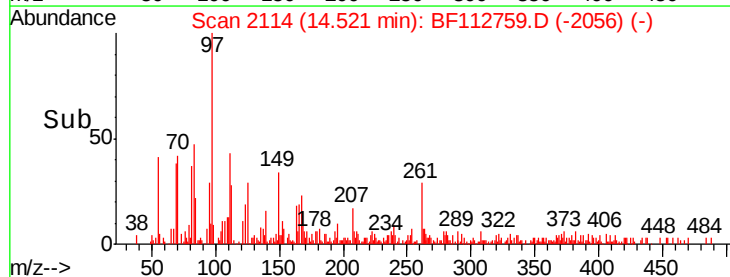
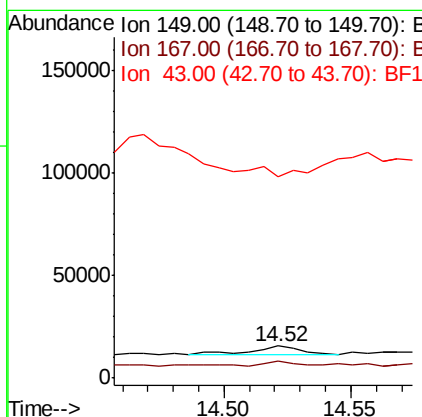
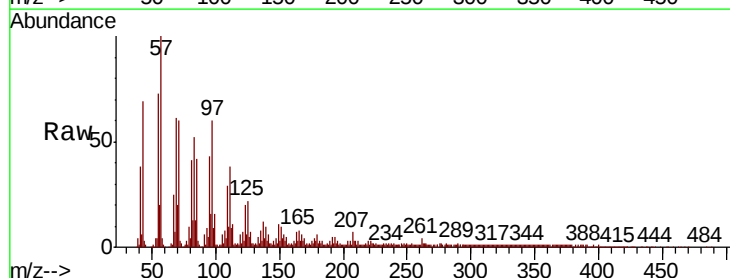
Instrument :
 BNA_F
 ClientSampleId :
 44766

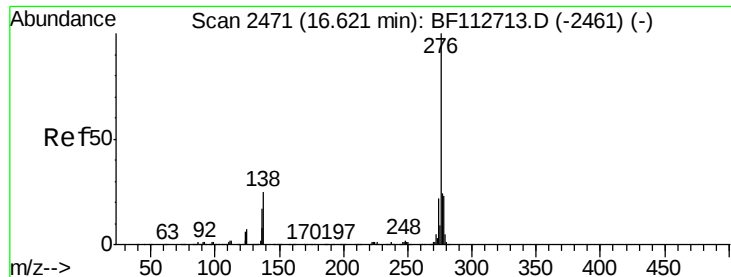
Tgt Ion:149 Resp: 16654
 Ion Ratio Lower Upper
 149 100
 167 37.7 22.4 33.6#
 279 6.3 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 0.347 ng
 RT: 14.52 min Scan# 2114
 Delta R.T. 0.04 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Tgt Ion:149 Resp: 6550
 Ion Ratio Lower Upper
 149 100
 167 39.8 1.2 1.8#
 43 0.0 9.0 13.4#

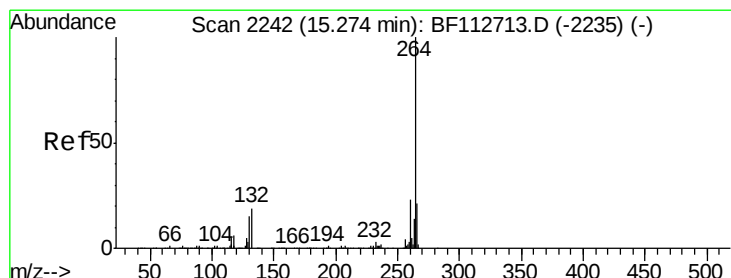
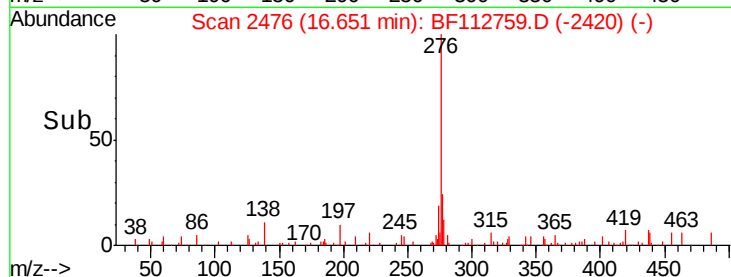
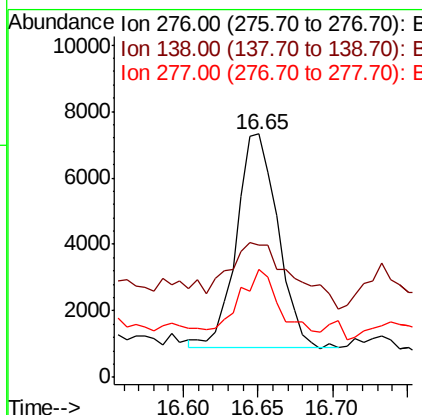
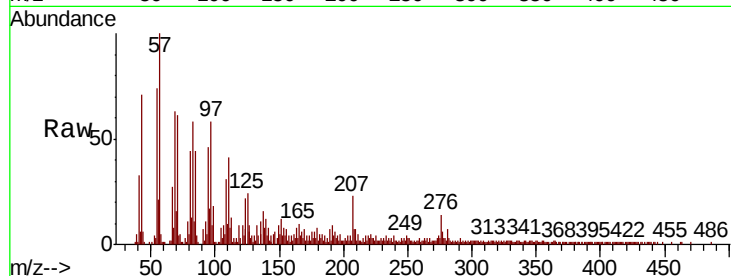




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.842 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. 0.03 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

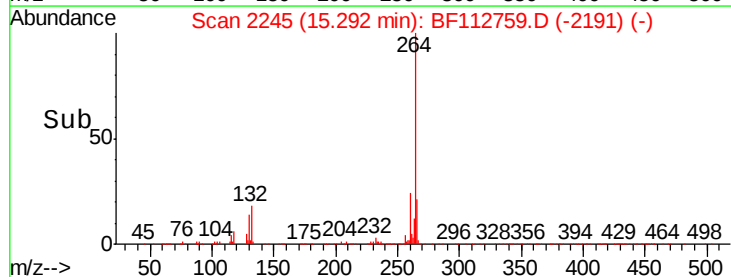
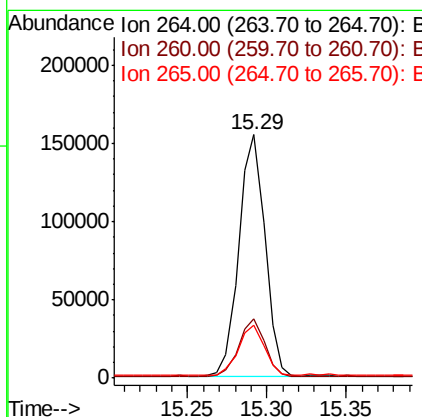
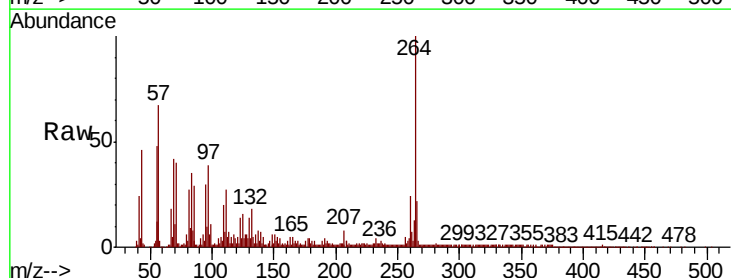
Instrument :
 BNA_F
 ClientSampleId :
 44766

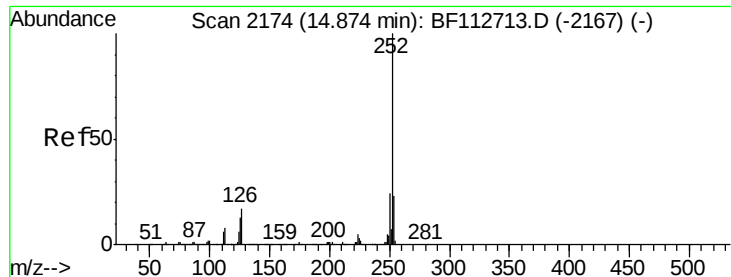
Tgt Ion: 276 Resp: 12267
 Ion Ratio Lower Upper
 276 100
 138 49.2 23.2 34.8#
 277 32.1 19.9 29.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.02 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Tgt Ion: 264 Resp: 176621
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 21.7 17.2 25.8

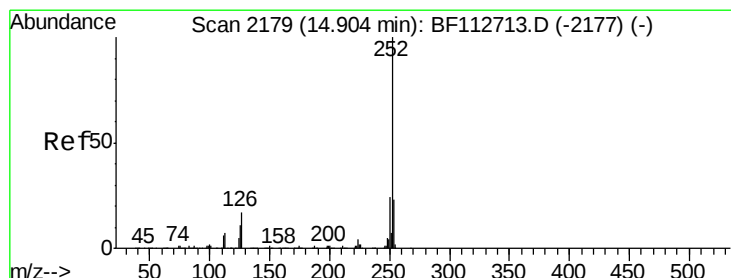
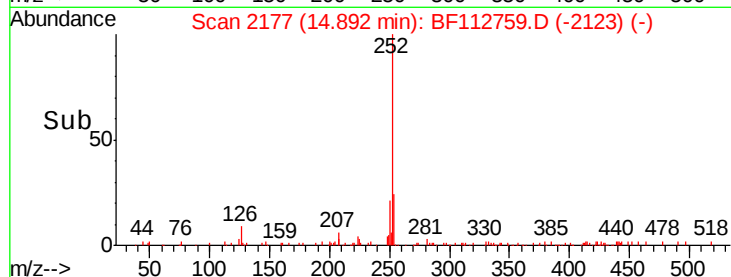
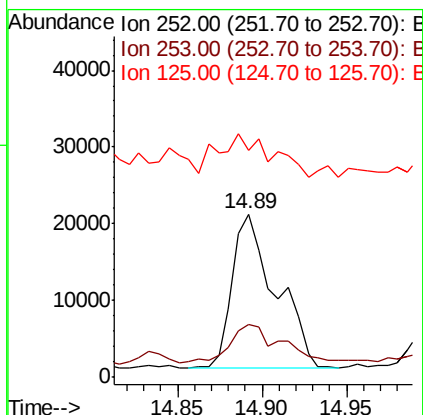
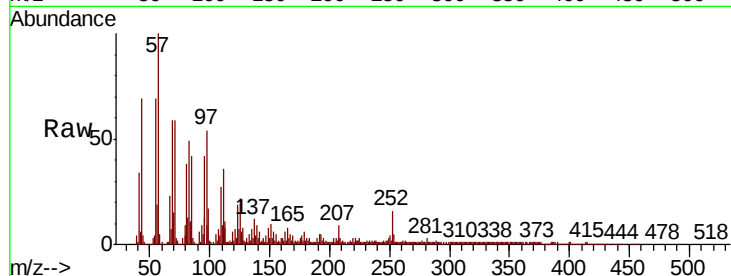




#88
Benzo(b)fluoranthene
Concen: 3.148 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

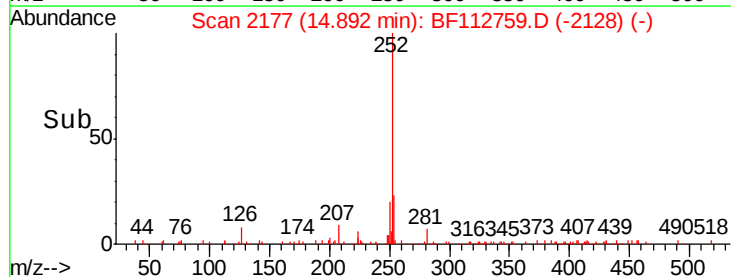
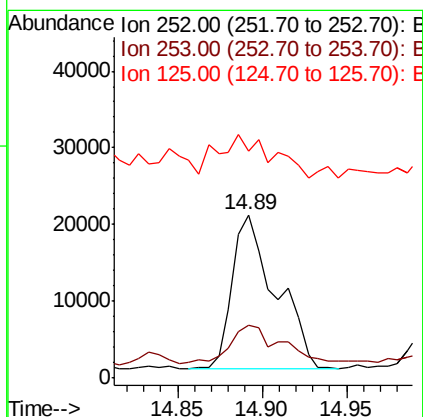
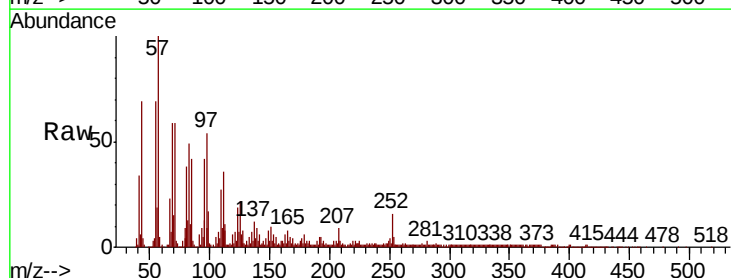
Instrument :
BNA_F
ClientSampleId :
44766

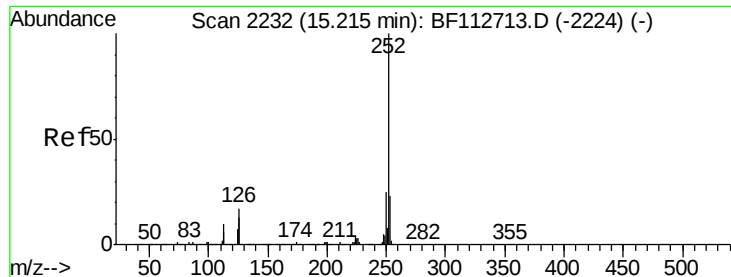
Tgt Ion:252 Resp: 35969
Ion Ratio Lower Upper
252 100
253 32.2 18.0 27.0#
125 139.3 10.2 15.2#



#89
Benzo(k)fluoranthene
Concen: 3.476 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Tgt Ion:252 Resp: 35969
Ion Ratio Lower Upper
252 100
253 32.2 18.2 27.2#
125 139.3 9.8 14.6#





#90

Benzo(a)pyrene

Concen: 1.761 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampleId :

44766

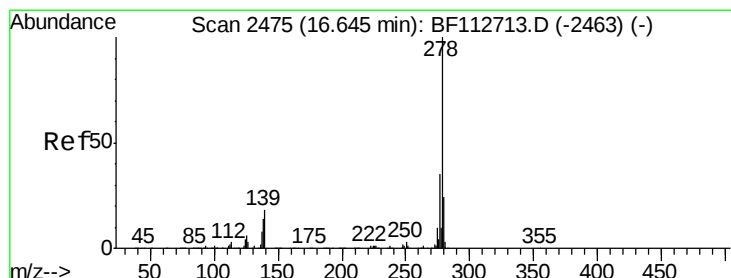
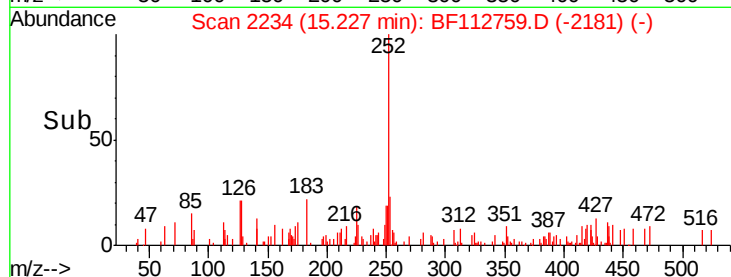
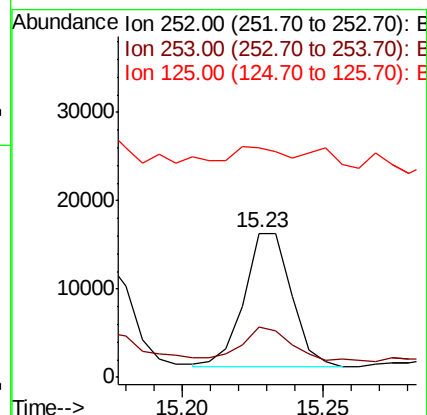
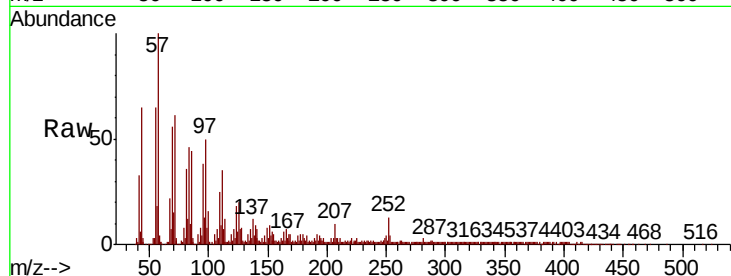
Tgt Ion:252 Resp: 17797

Ion Ratio Lower Upper

252 100

253 35.0 18.0 27.0#

125 159.6 10.7 16.1#



#91

Dibenzo(a,h)anthracene

Concen: 0.363 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.02 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

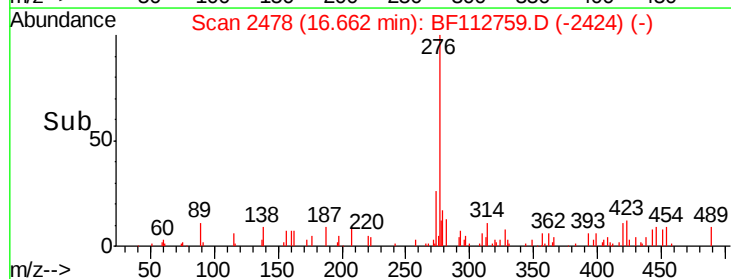
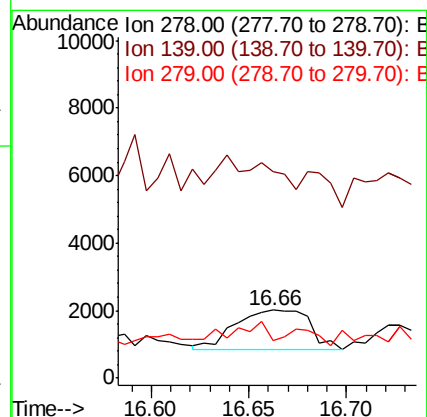
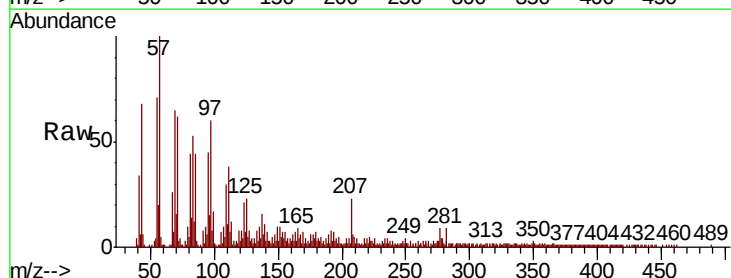
Tgt Ion:278 Resp: 3131

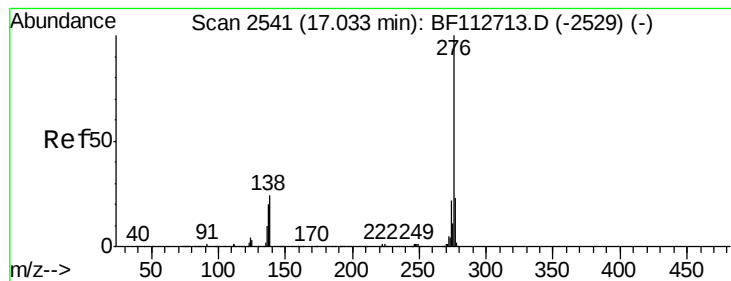
Ion Ratio Lower Upper

278 100

139 304.9 14.3 21.5#

279 54.8 19.4 29.0#





#92

Benzo(g,h,i)perylene

Concen: 1.458 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.02 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

ClientSampleId :

44766

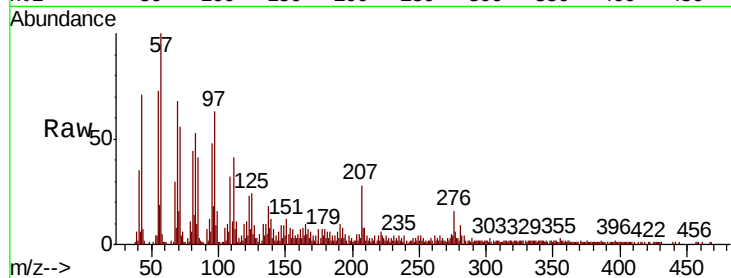
Tgt Ion: 276 Resp: 12624

Ion Ratio Lower Upper

276 100

277 38.7 18.6 27.8#

138 48.3 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

