

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108793.D
 Acq On : 5 Sep 2018 23:55
 Operator : JU/SJ
 Sample : J4741-02 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:29:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	268438	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	986384	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	394185	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	651271	20.00	ng	0.00
75) Chrysene-d12	13.87	240	616655	20.00	ng	0.00
86) Perylene-d12	15.27	264	471813	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	5736	0.35	ng	0.00
7) Phenol-d6	6.35	99	29414	1.41	ng	-0.02
23) Nitrobenzene-d5	7.28	82	35176	2.23	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.09	172	81378	3.52	ng	0.00
78) Terphenyl-d14	12.82	244	67760	2.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	244	0.031	ng	# 1
3) Pyridine	3.01	79	110	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.08	42	233	0.028	ng	# 1
9) Benzaldehyde	6.50	77	428	0.029	ng	# 76
10) Phenol	6.37	94	554	0.023	ng	# 73
15) Benzyl Alcohol	6.89	79	832	0.052	ng	# 38
19) n-Nitroso-di-n-propylamine	7.28	70	4564	0.315	ng	# 85
24) Nitrobenzene	7.14	77	120	0.007	ng	# 38
25) Isophorone	7.28	82	35187	1.119	ng	# 64
28) bis(2-Chloroethoxy)methane	8.02	93	130	0.006	ng	# 1
31) Naphthalene	8.04	128	636	0.014	ng	# 68
32) Benzoic acid	8.02	122	128	4.032	ng	# 1
37) 2-Methylnaphthalene	8.72	142	620	0.021	ng	# 89
45) 1,1'-Biphenyl	9.19	154	140	0.005	ng	# 42
47) 2-Nitroaniline	9.48	65	264	0.039	ng	# 1
48) Acenaphthylene	9.62	152	667	0.018	ng	# 60
49) Dimethylphthalate	9.48	163	23873	0.866	ng	# 99
50) 2,6-Dinitrotoluene	9.77	165	50691	9.649	ng	# 26
51) Acenaphthene	9.80	154	648	0.029	ng	# 77
54) Dibenzofuran	9.97	168	574	0.017	ng	# 75
55) 4-Nitrophenol	9.97	139	148	0.032	ng	# 9
56) 2,4-Dinitrotoluene	9.77	165	50691	7.545	ng	# 23
57) Fluorene	10.31	166	449	0.021	ng	# 77
59) Diethylphthalate	10.18	149	3621	0.127	ng	# 88
62) Azobenzene	10.61	77	119	0.004	ng	# 50
70) Phenanthrene	11.26	178	4446	0.143	ng	# 93
71) Anthracene	11.31	178	1360	0.046	ng	# 80
72) Carbazole	11.47	167	759	0.024	ng	# 59
73) Di-n-butylphthalate	11.81	149	1397	0.040	ng	# 78
74) Fluoranthene	12.44	202	7116	0.231	ng	# 96
76) Benzidine	12.82	184	1166	0.040	ng	# 67
77) Pyrene	12.67	202	6536	0.138	ng	# 97
79) Butylbenzylphthalate	13.30	149	1890	0.088	ng	# 44
80) Benzo(a)anthracene	13.85	228	5786	0.146	ng	# 82

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
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 Misc :
 ALS Vial : 13 Sample Multiplier: 1

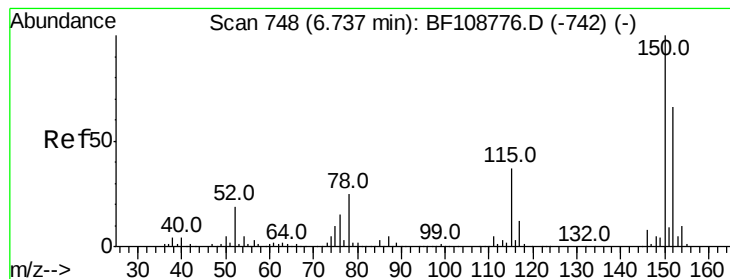
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:29:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) 3,3'-Dichlorobenzidine	13.82	252	353	0.023	nq	# 28
82) Chrysene	13.89	228	3302	0.086	nq	# 76
83) Bis(2-ethylhexyl)phthalate	13.87	149	3636	0.135	nq	# 79
84) Di-n-octyl phthalate	14.49	149	529	0.012	nq	# 1
85) Indeno(1,2,3-cd)pyrene	16.61	276	1927	0.057	nq	# 80
87) Benzo(b)fluoranthene	14.87	252	7158	0.279	nq	# 5
88) Benzo(k)fluoranthene	14.93	252	472	0.020	nq	# 1
89) Benzo(a)pyrene	15.21	252	3027	0.131	nq	# 1
90) Dibenzo(a,h)anthracene	16.62	278	1625	0.080	nq	# 1
91) Benzo(a,h,i)perylene	17.02	276	2825	0.138	nq	# 51

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

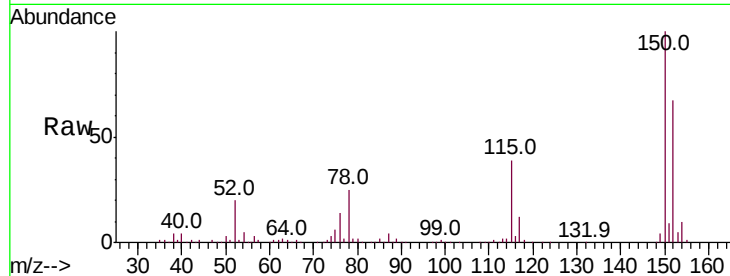


#1

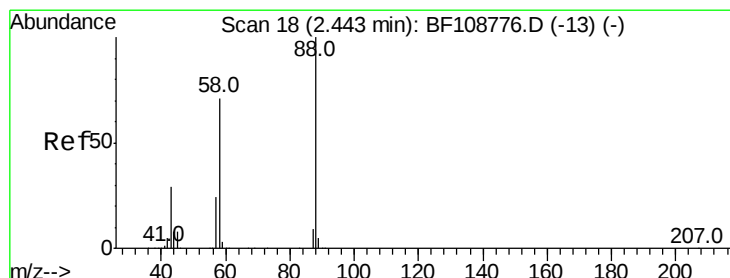
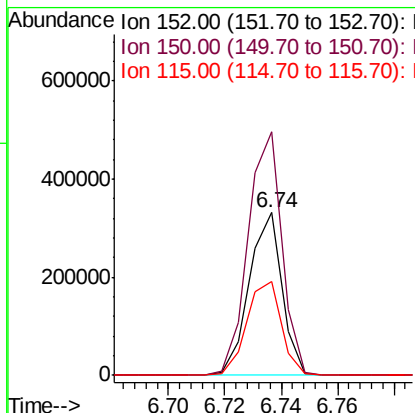
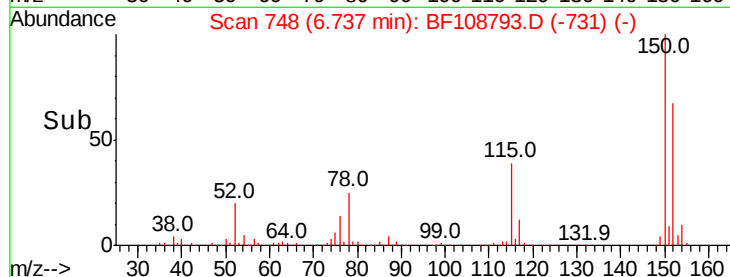
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 268438
 Ion Ratio Lower Upper
 152 100
 150 149.7 124.6 186.8
 115 58.1 50.1 75.1



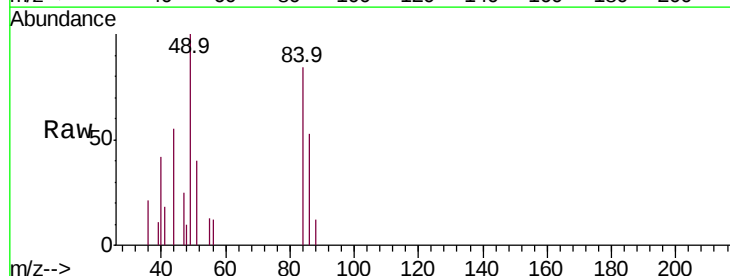
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



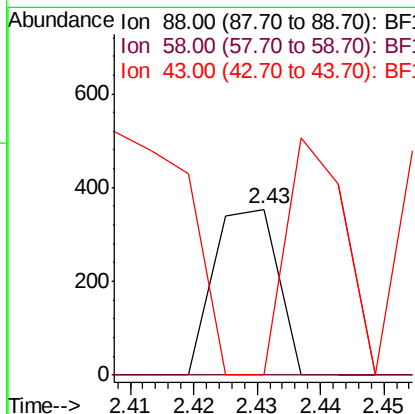
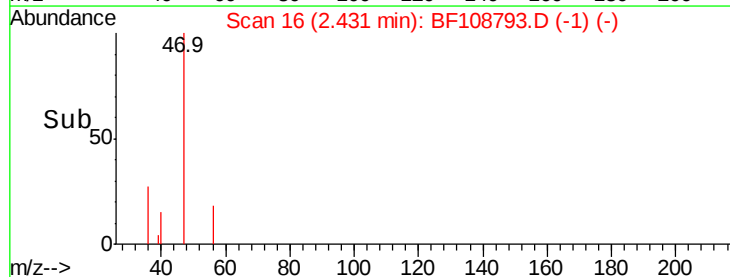
#2

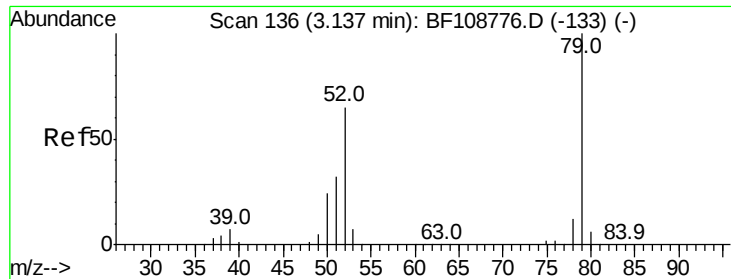
1,4-Dioxane
 Concen: 0.031 ng
 RT: 2.43 min Scan# 16
 Delta R.T. -0.01 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Tgt Ion: 88 Resp: 244
 Ion Ratio Lower Upper
 88 100
 58 0.0 62.6 93.8#
 43 132.4 24.6 37.0#



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

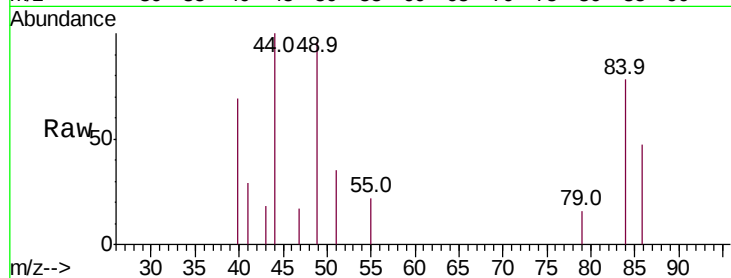




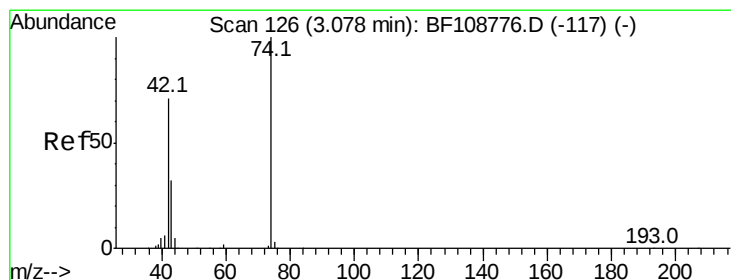
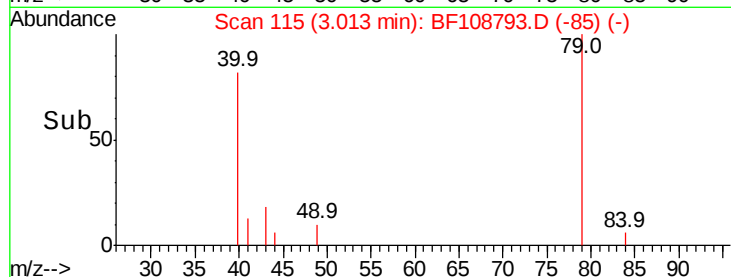
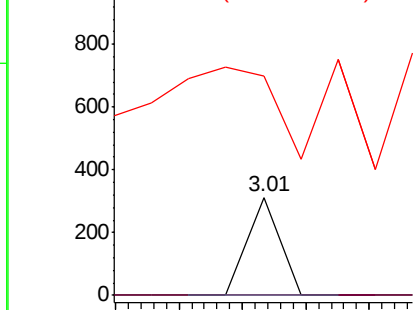
#3
 Pvridine
 Concen: 0.005 ng
 RT: 3.01 min Scan# 115
 Delta R.T. -0.12 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 110
 Ion Ratio Lower Upper
 79 100
 52 0.0 59.8 89.6#
 51 224.0 29.8 44.8#

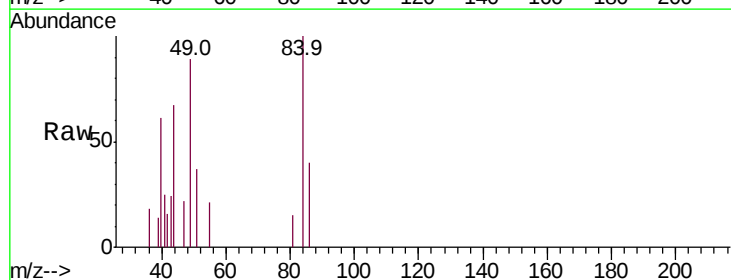


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

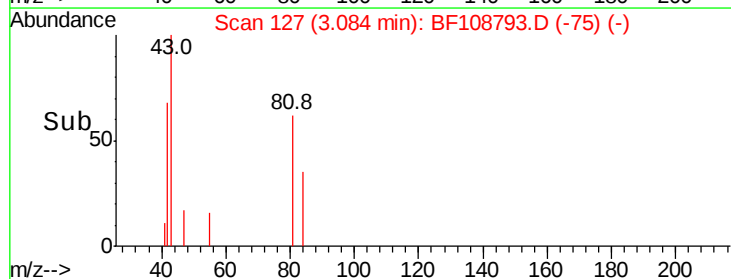
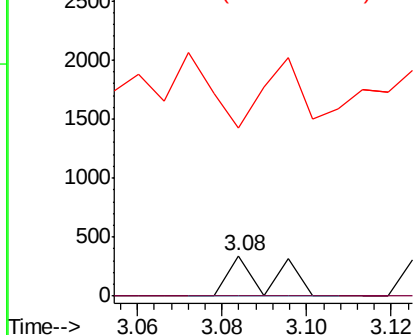


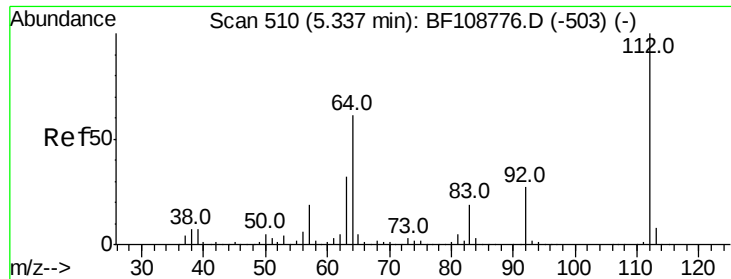
#4
 n-Nitrosodimethylamine
 Concen: 0.028 ng
 RT: 3.08 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Tgt Ion: 42 Resp: 233
 Ion Ratio Lower Upper
 42 100
 74 0.0 104.9 157.3#
 44 414.3 6.9 10.3#



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: 0.354 ng

RT: 5.33 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampled :

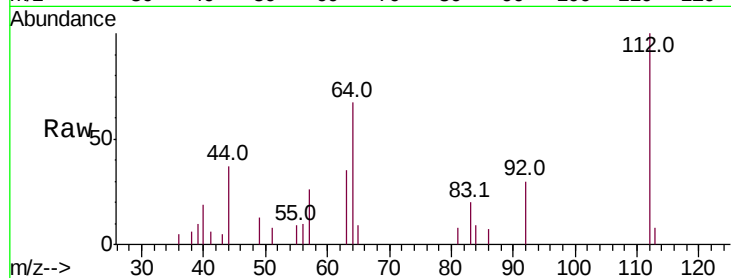
Tot Ion:112 Resp: 5736

Ion Ratio Lower Upper

112 100

64 66.8 47.9 71.9

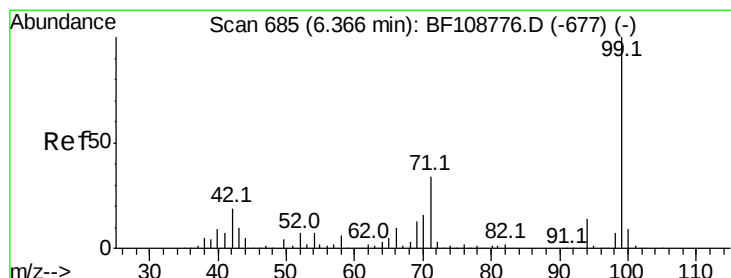
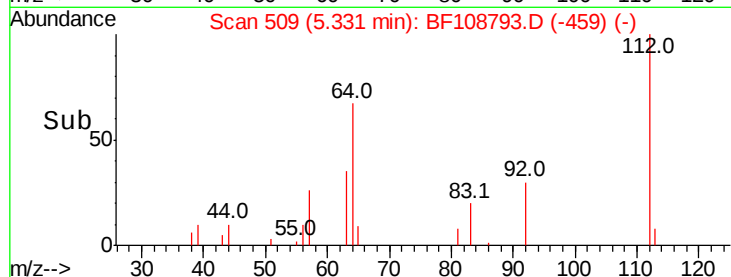
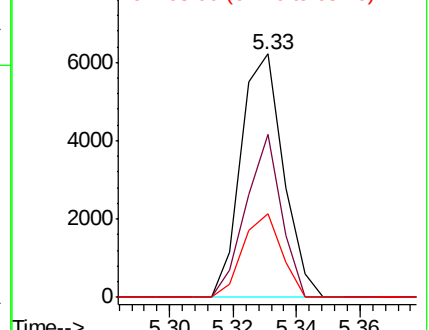
63 34.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 1.411 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

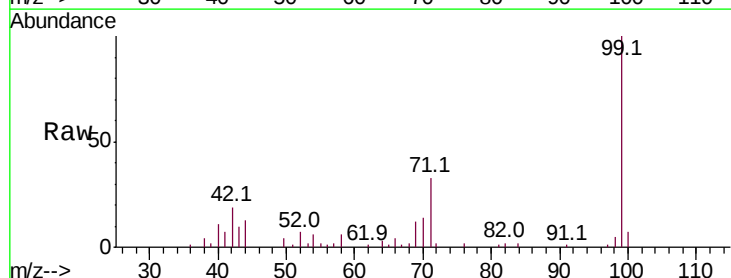
Tgt Ion: 99 Resp: 29414

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

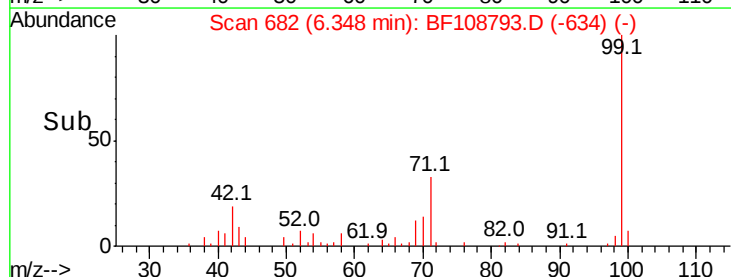
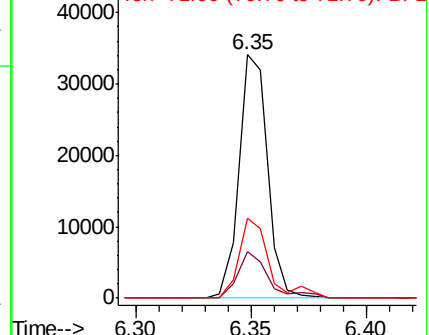
71 32.5 25.4 38.0

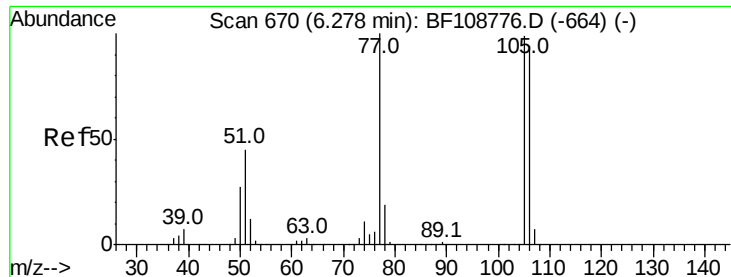


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 0.029 ng

RT: 6.50 min Scan# 707

Delta R.T. 0.22 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampleId :

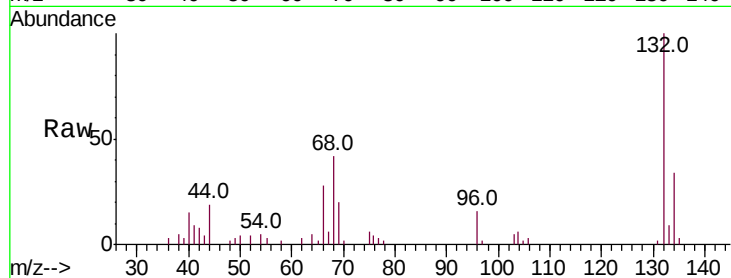
Tot Ion: 77 Resp: 428

Ion Ratio Lower Upper

77 100

105 61.3 81.1 121.1#

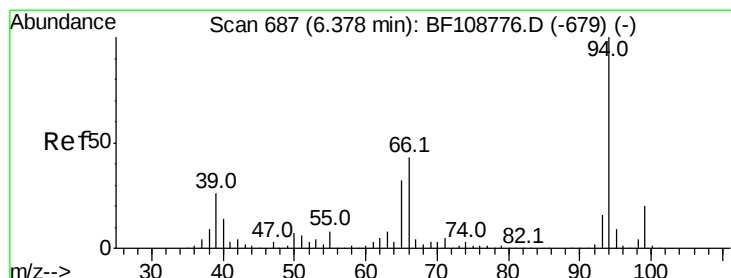
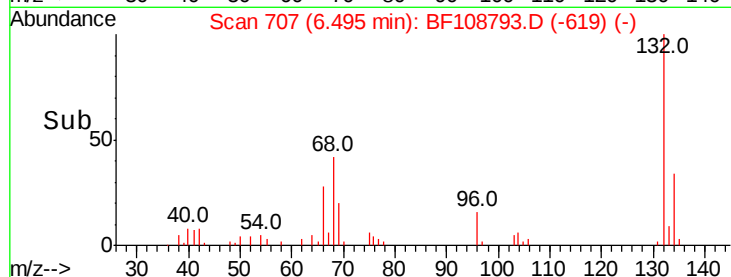
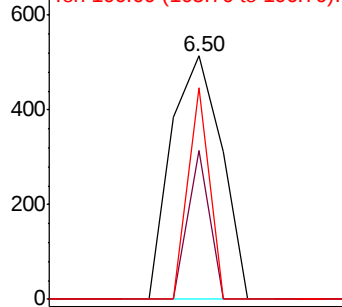
106 87.2 74.5 114.5



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: 0.023 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

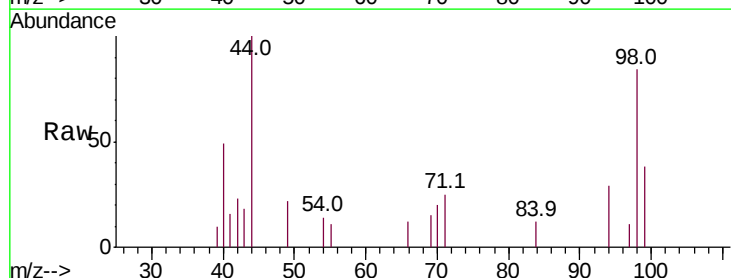
Tgt Ion: 94 Resp: 554

Ion Ratio Lower Upper

94 100

65 0.0 7.9 47.9#

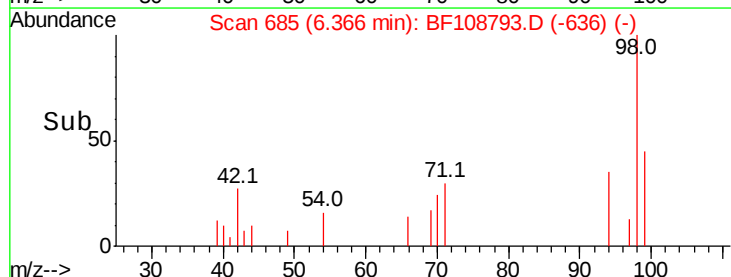
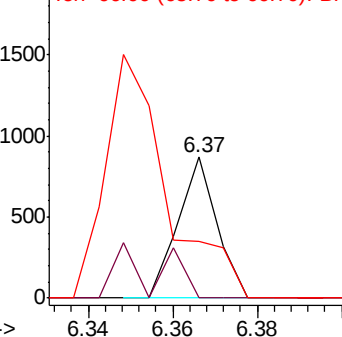
66 40.2 16.2 56.2

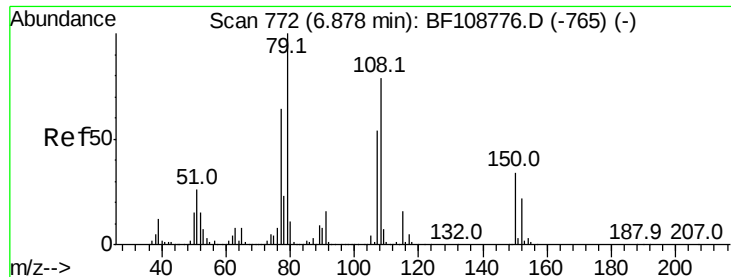


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 0.052 ng

RT: 6.89 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampled :

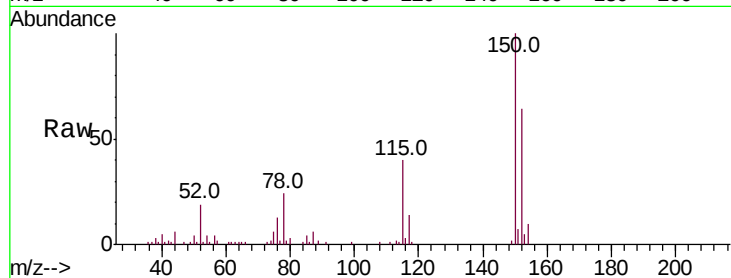
Tot Ion: 79 Resp: 832

Ion Ratio Lower Upper

79 100

108 43.7 65.1 97.7#

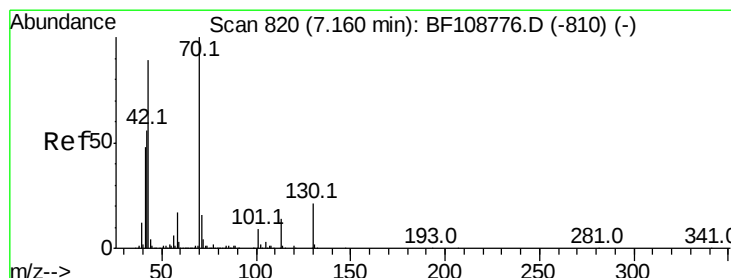
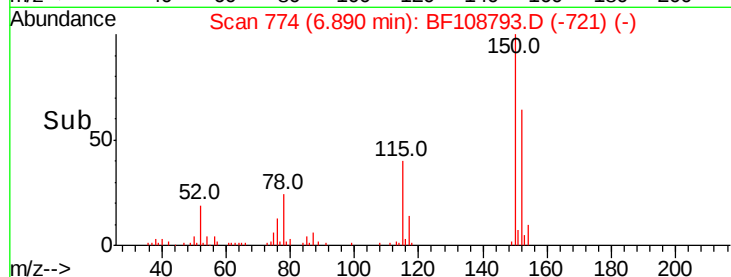
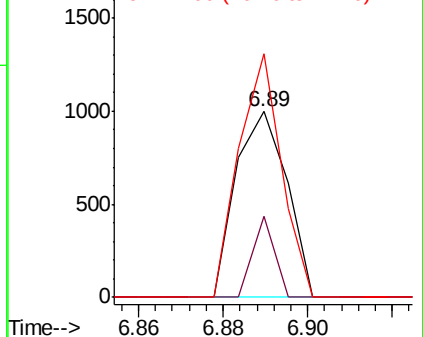
77 131.2 50.6 75.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 0.315 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.12 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Tgt Ion: 70 Resp: 4564

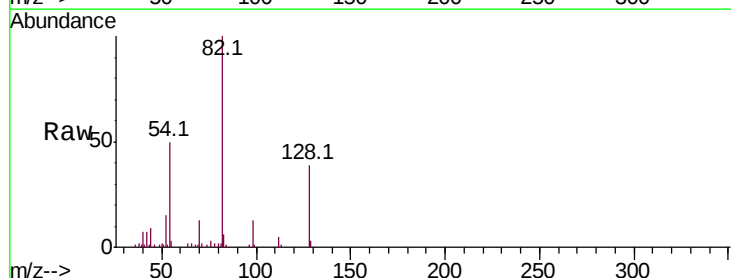
Ion Ratio Lower Upper

70 100

42 56.8 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

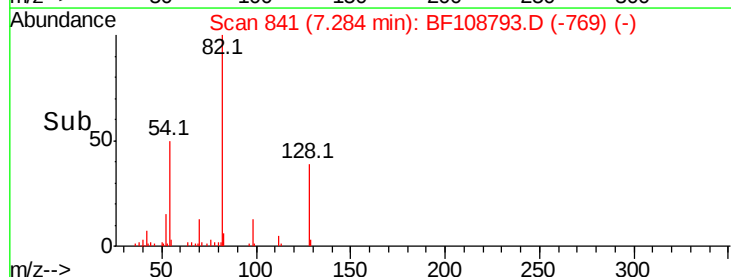
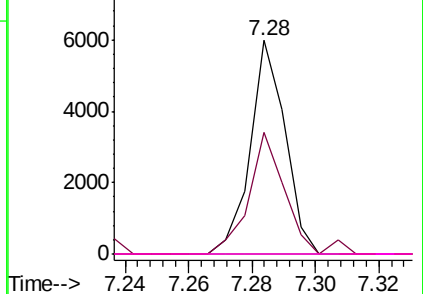


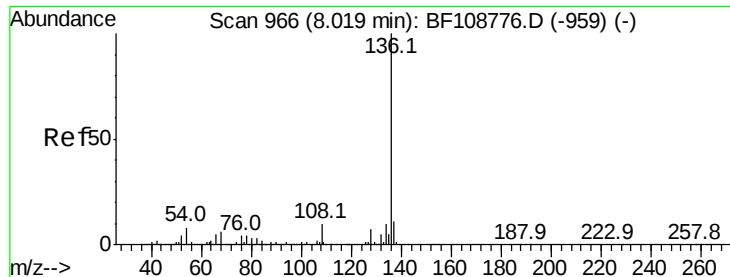
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

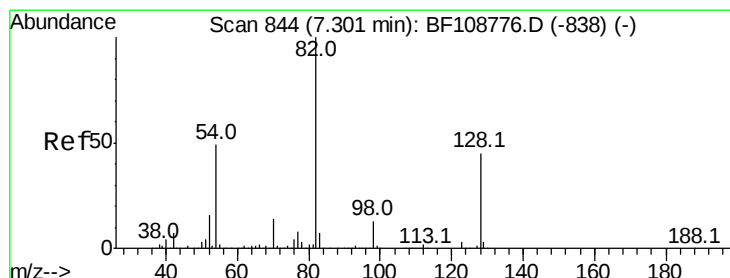
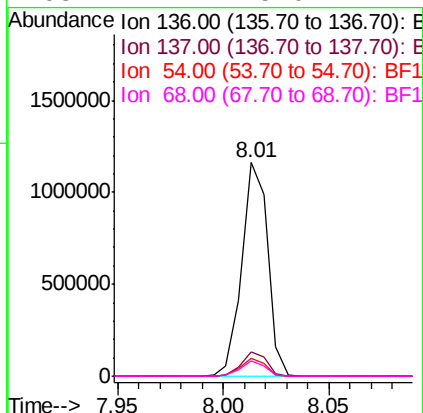
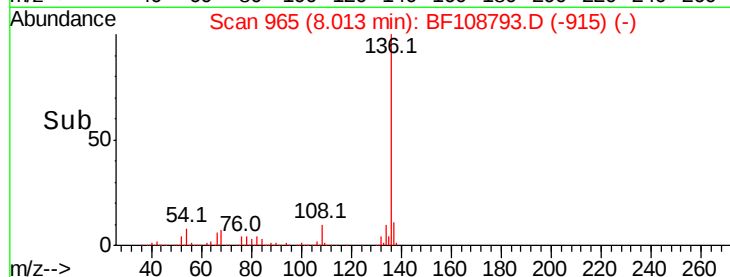
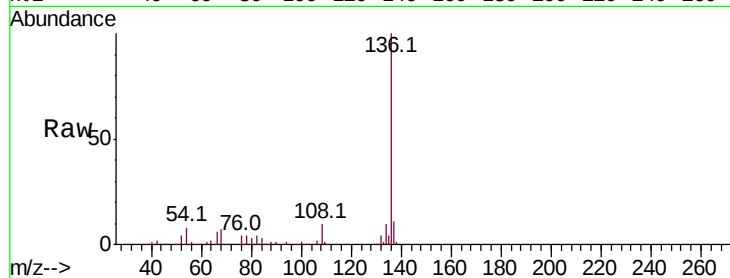




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

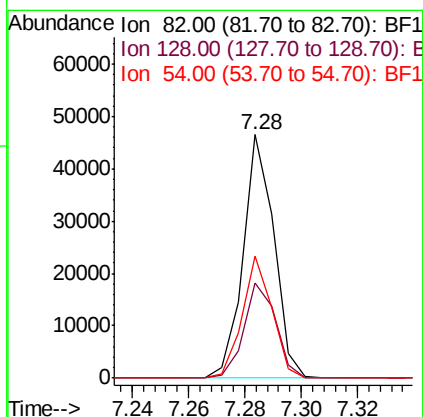
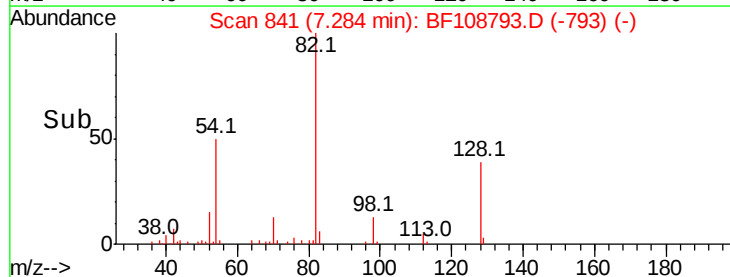
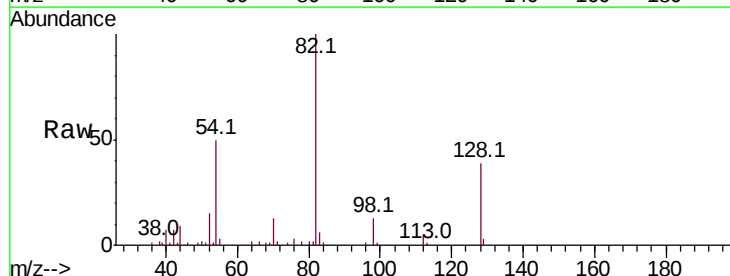
Instrument :
BNA_F
ClientSampleId :

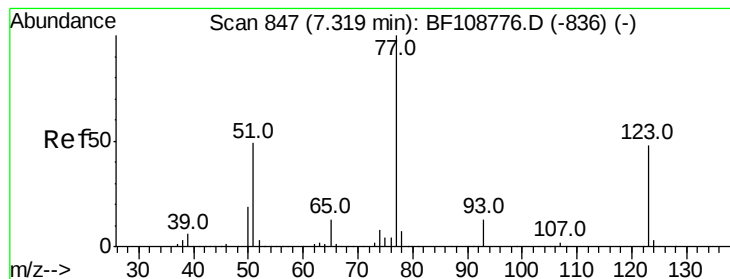
Tot Ion:	136	Resp:	986384
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.3	6.6	9.8
68	7.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 2.232 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:	82	Resp:	35176
Ion	Ratio	Lower	Upper
82	100		
128	39.0	36.1	54.1
54	50.0	41.4	62.2





#24

Nitrobenzene

Concen: 0.007 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.18 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampleId :

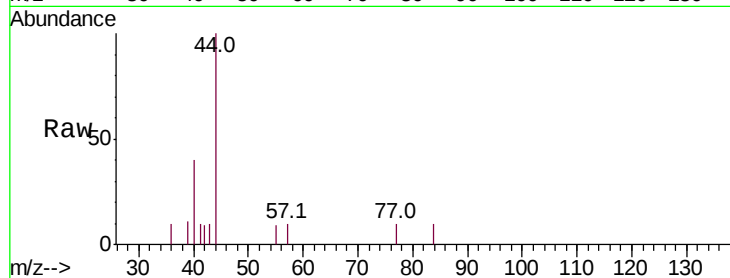
Tot Ion: 77 Resp: 120

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

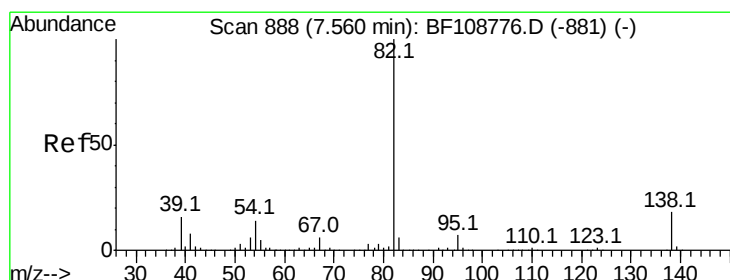
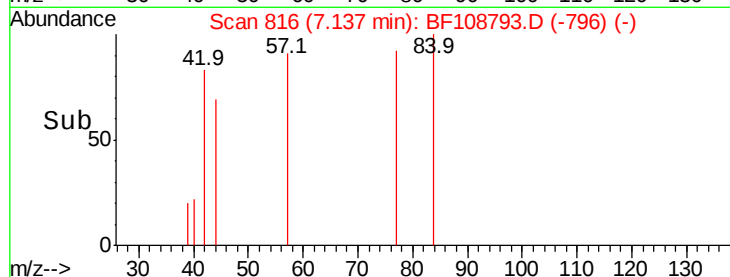
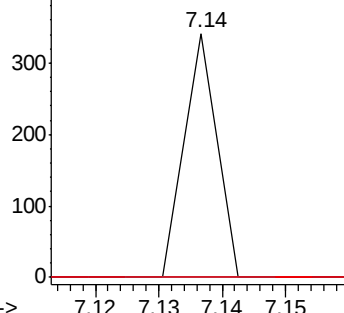
65 0.0 11.0 16.4#



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: 1.119 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.28 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

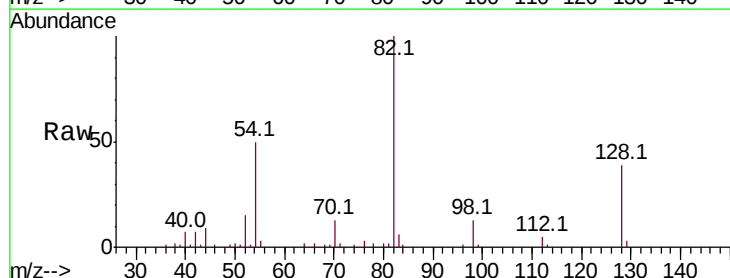
Tgt Ion: 82 Resp: 35187

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

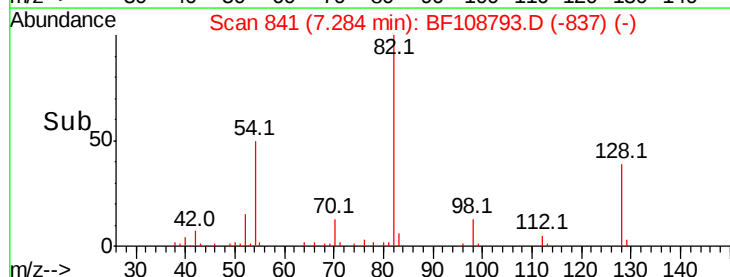
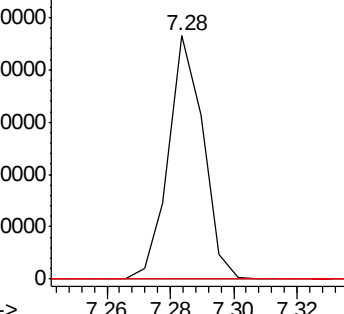
138 0.0 14.9 22.3#

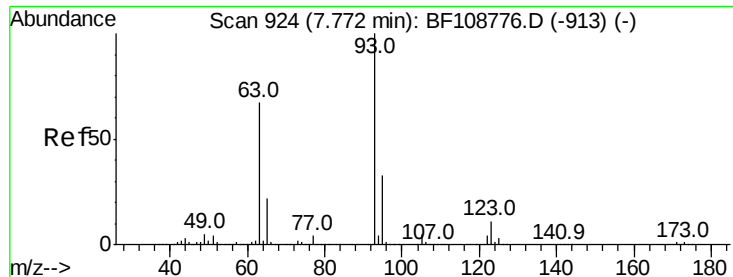


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#28

bis(2-Chloroethoxy)methane

Concen: 0.006 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.25 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampleId :

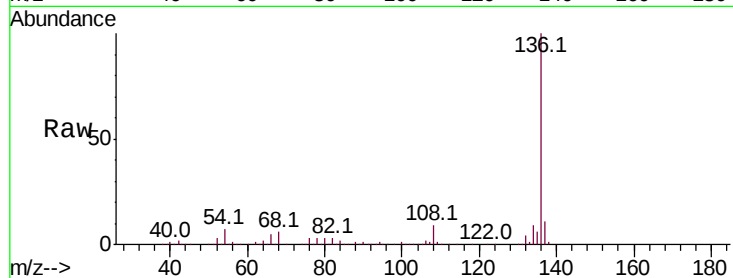
Tot Ion: 93 Resp: 130

Ion Ratio Lower Upper

93 100

95 164.1 26.3 39.5#

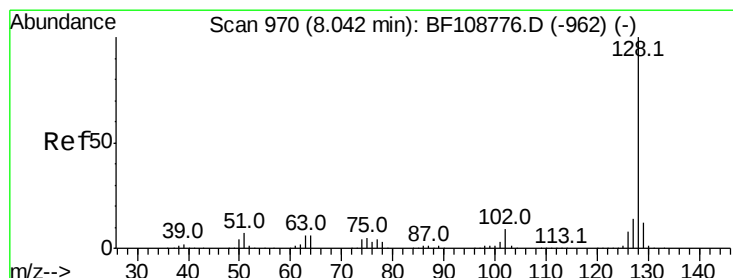
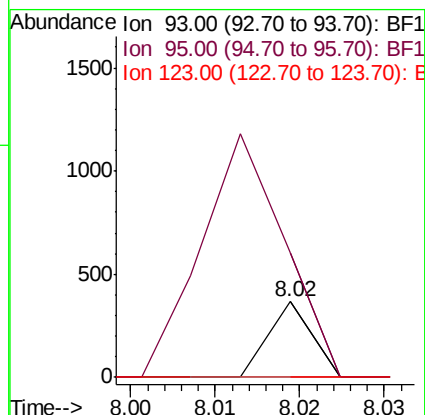
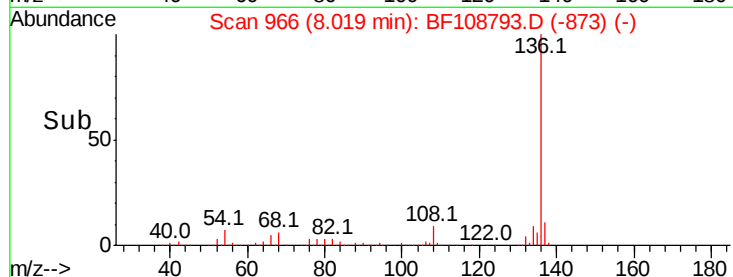
123 0.0 9.8 14.6#



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: 0.014 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

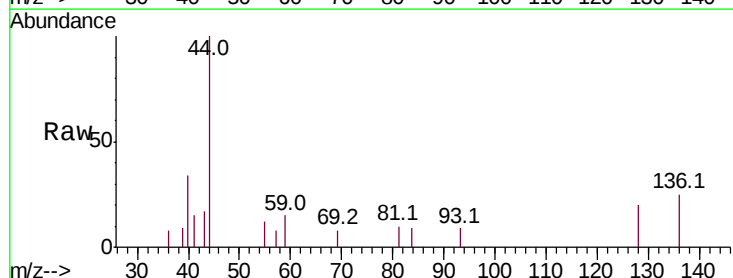
Tgt Ion:128 Resp: 636

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

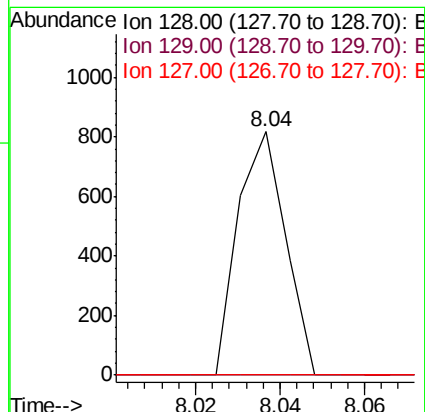
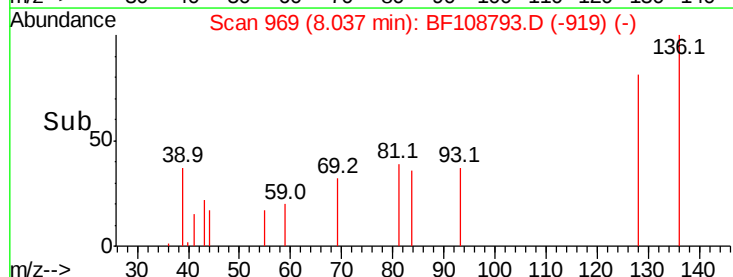
127 0.0 10.9 16.3#

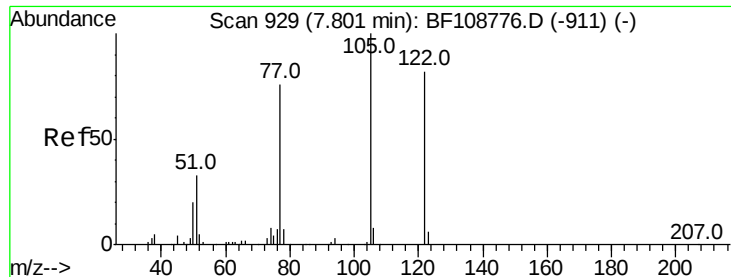


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

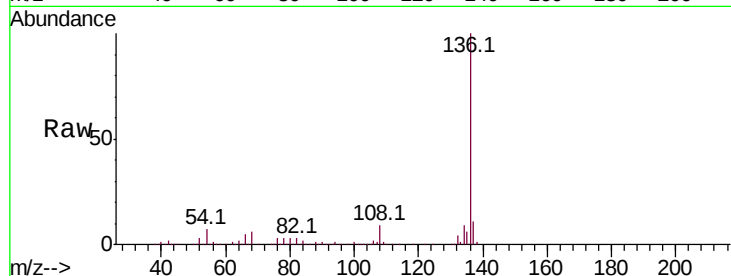




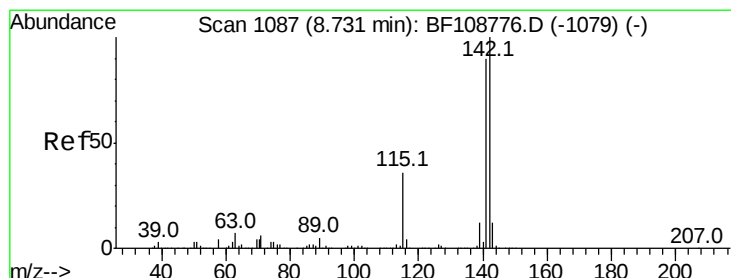
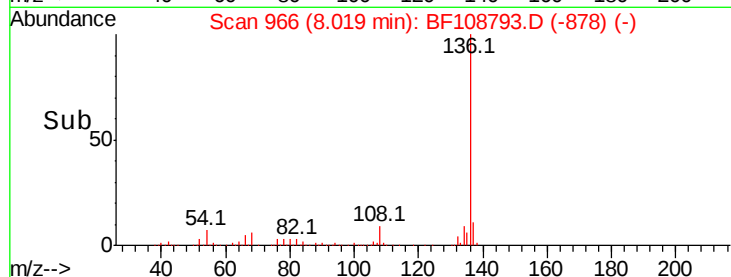
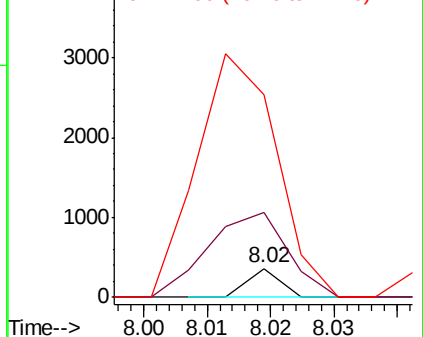
#32
Benzoic acid
Concen: 4.032 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.22 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 128
Ion Ratio Lower Upper
122 100
105 293.9 101.1 141.1#
77 700.6 70.7 110.7#

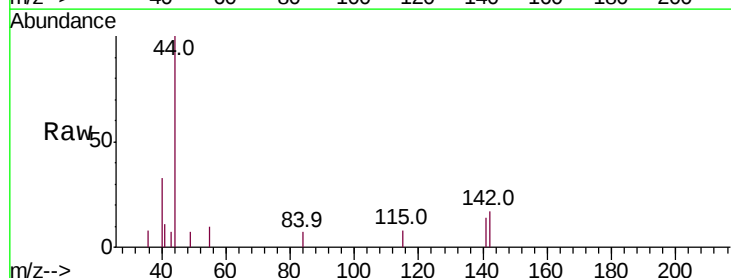


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

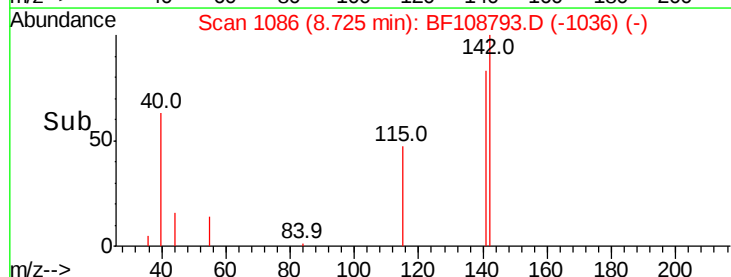
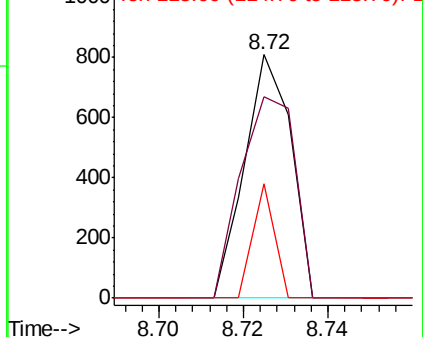


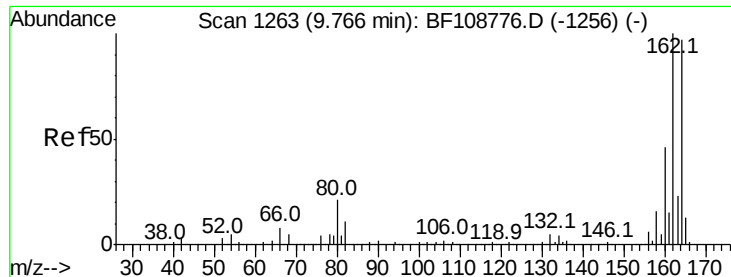
#37
2-Methylnaphthalene
Concen: 0.021 ng
RT: 8.72 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:142 Resp: 620
Ion Ratio Lower Upper
142 100
141 82.8 70.8 106.2
115 46.9 26.1 39.1#



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

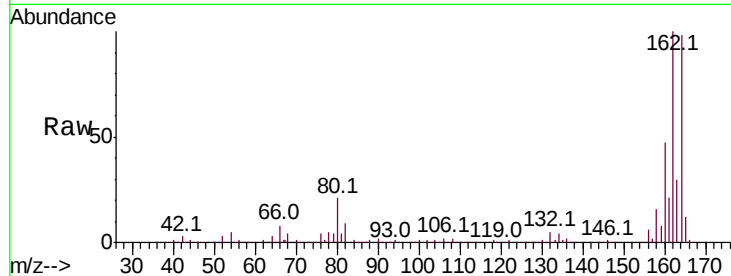




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	48.2	38.3	57.5

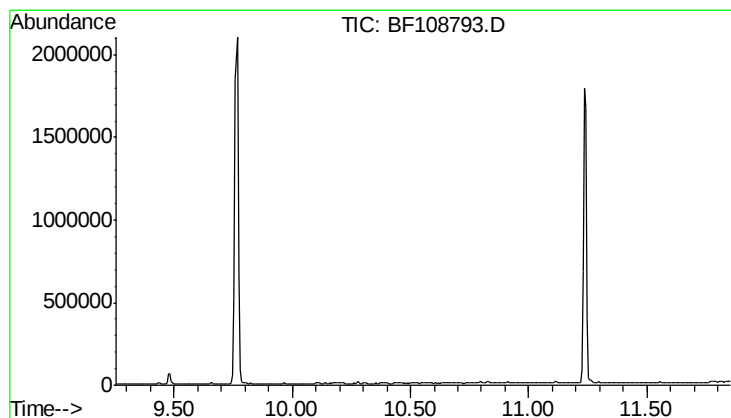
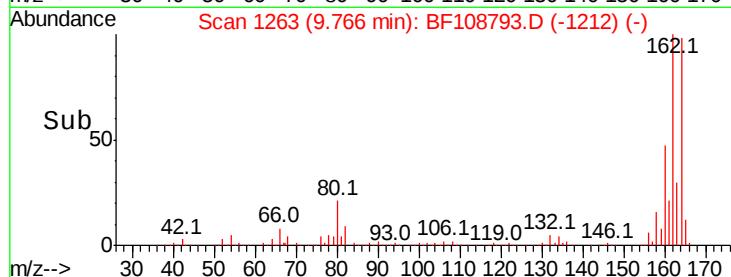
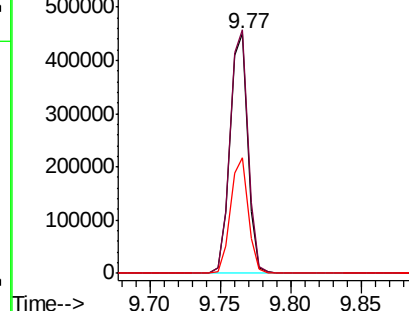


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

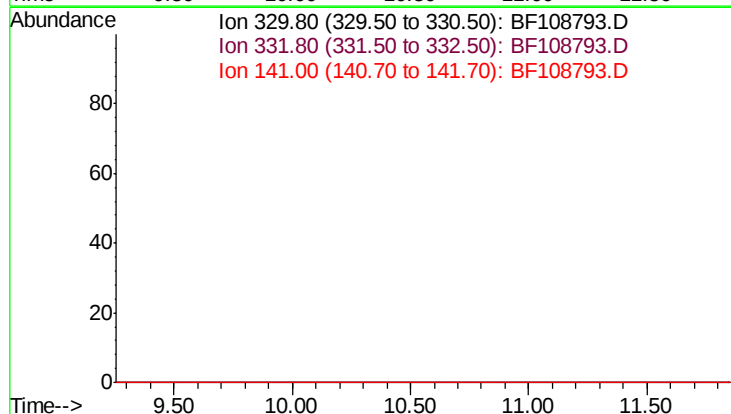
Ion 160.00 (159.70 to 160.70): E

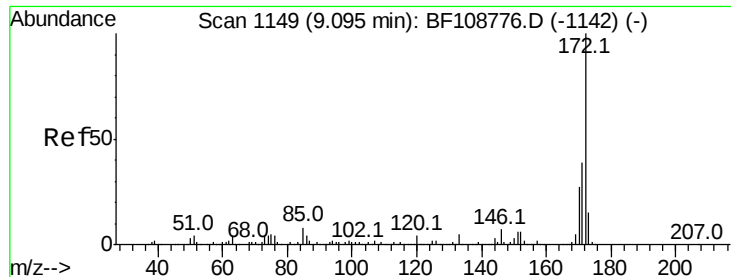


#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.55 min

Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Tgt Ion	Exp Ratio
330	100
332	96.3
141	37.4

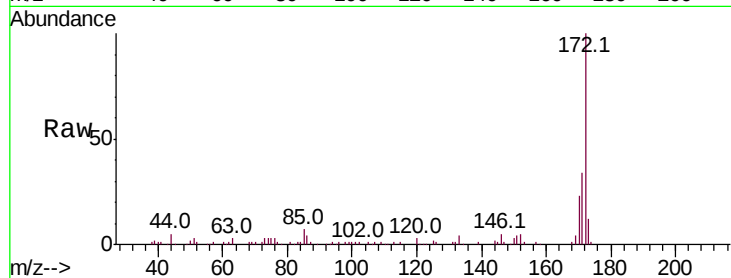




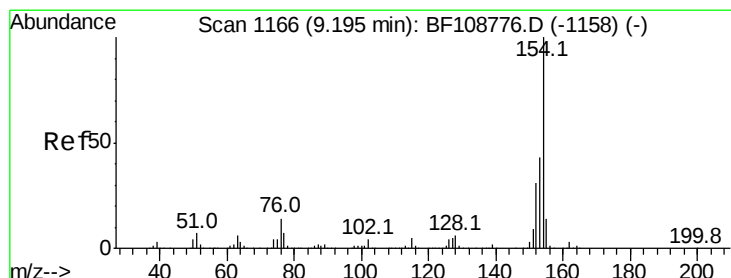
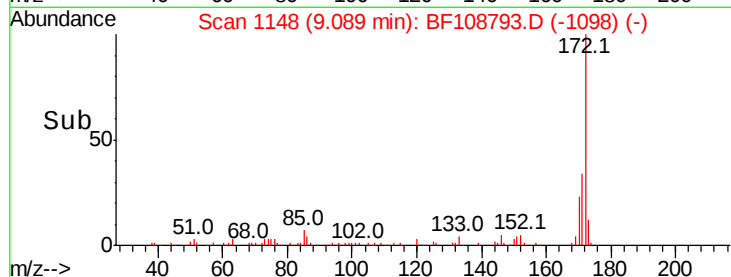
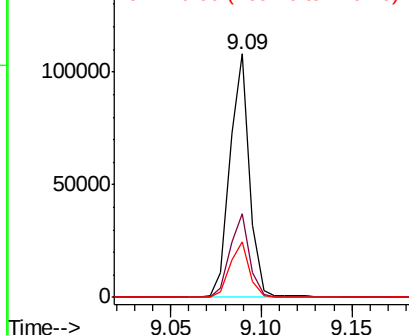
#44
2-Fluorobiphenyl
Concen: 3.522 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 81378
Ion Ratio Lower Upper
172 100
171 34.3 29.7 44.5
170 22.9 19.6 29.4

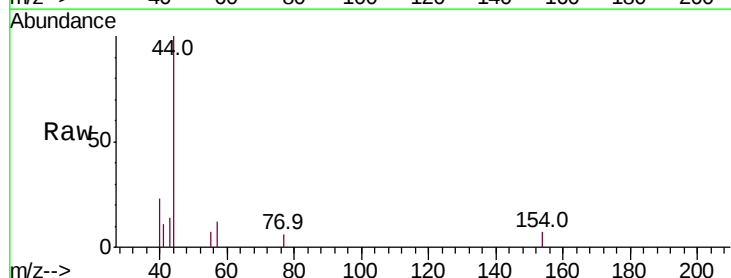


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

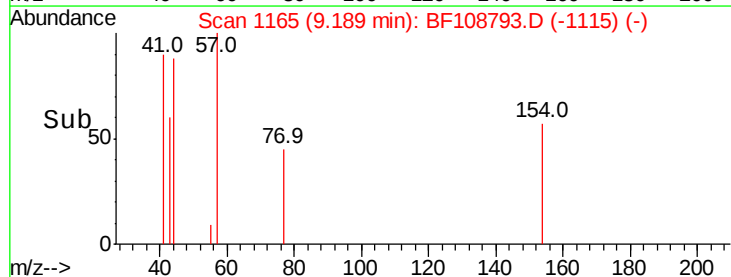
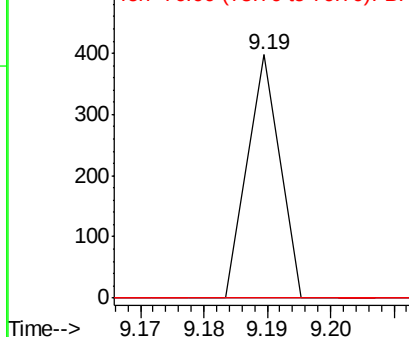


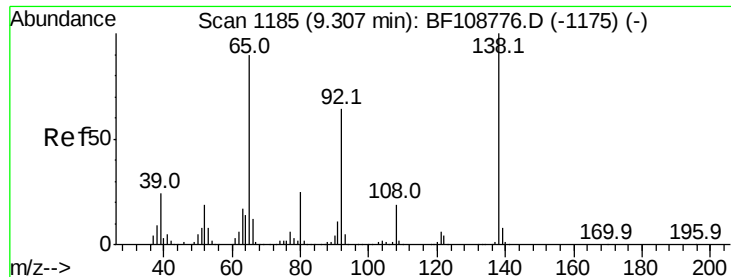
#45
1,1'-Biphenyl
Concen: 0.005 ng
RT: 9.19 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:154 Resp: 140
Ion Ratio Lower Upper
154 100
153 0.0 21.3 61.3#
76 0.0 0.0 34.0



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-Nitroaniline

Concen: 0.039 ng

RT: 9.48 min Scan# 1214

Delta R.T. 0.17 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampleId :

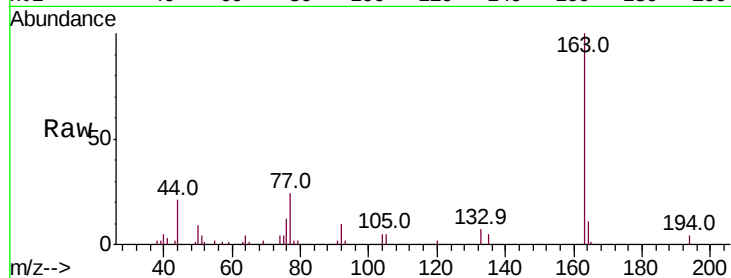
Tot Ion: 65 Resp: 264

Ion Ratio Lower Upper

65 100

92 690.3 55.8 83.6#

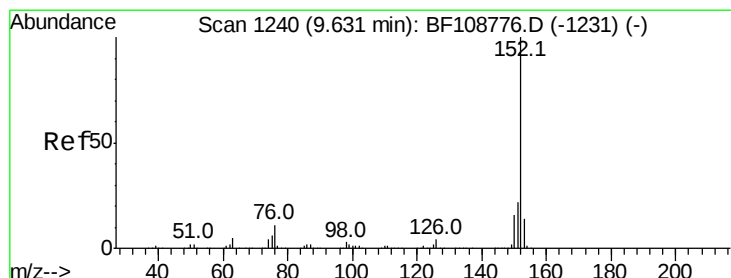
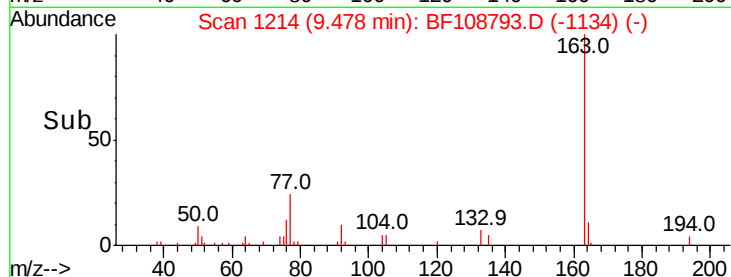
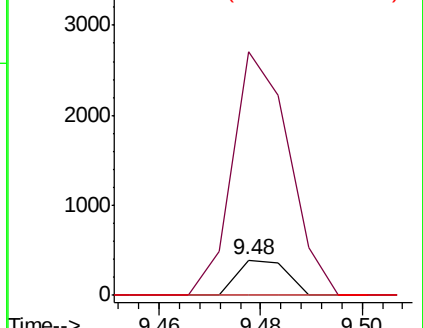
138 0.0 91.2 136.8#



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



#48

Acenaphthylene

Concen: 0.018 ng

RT: 9.62 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

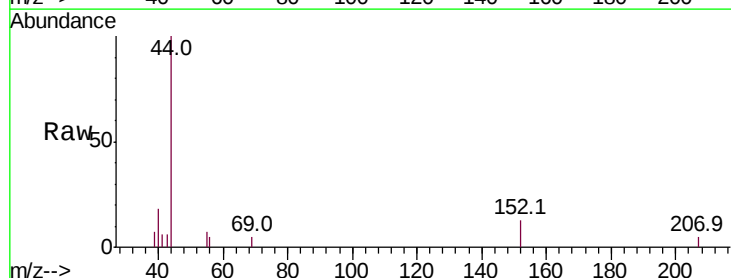
Tgt Ion: 152 Resp: 667

Ion Ratio Lower Upper

152 100

151 0.0 16.3 24.5#

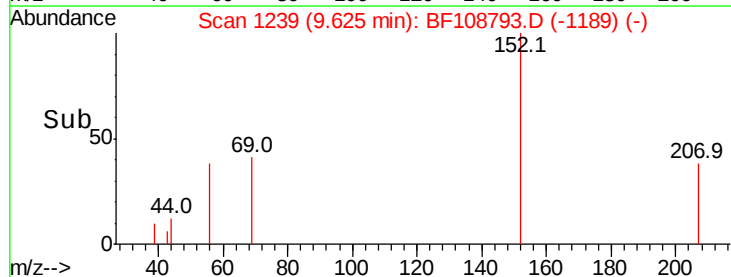
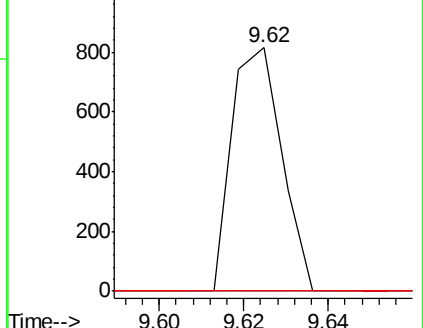
153 0.0 10.7 16.1#

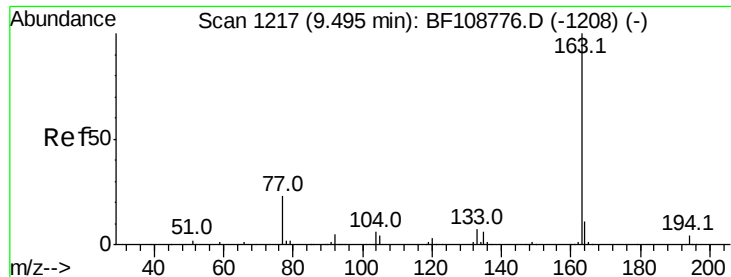


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 0.866 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampleId :

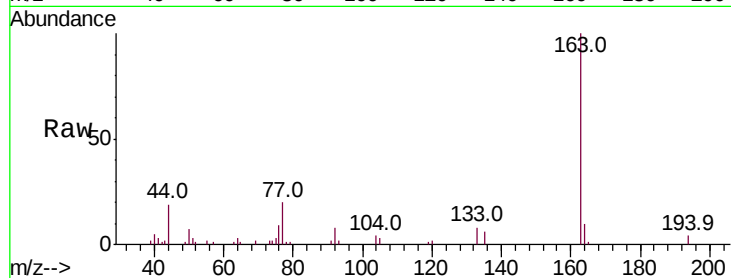
Tot Ion:163 Resp: 23873

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

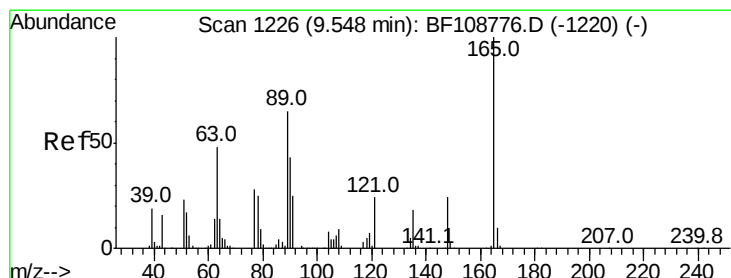
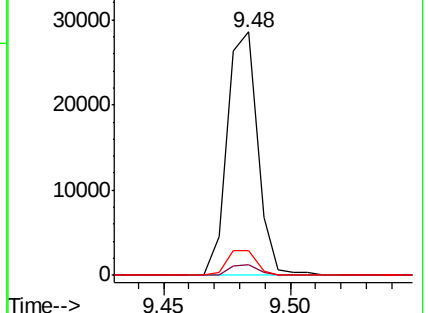
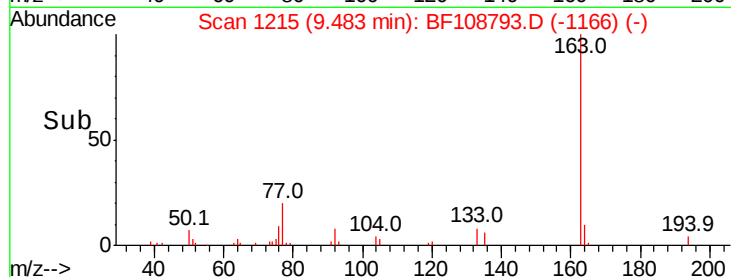
164 9.9 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 9.649 ng

RT: 9.77 min Scan# 1263

Delta R.T. 0.22 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

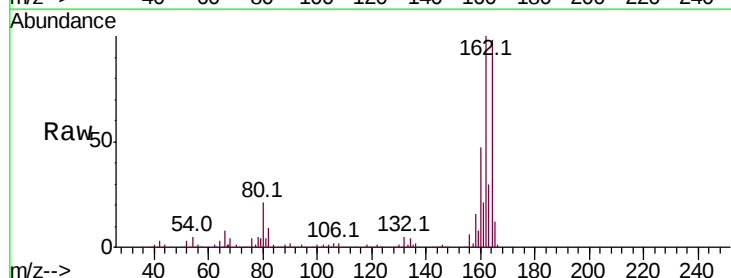
Tgt Ion:165 Resp: 50691

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

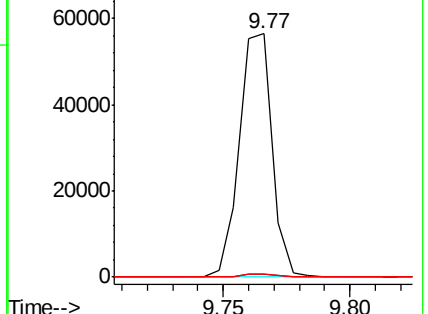
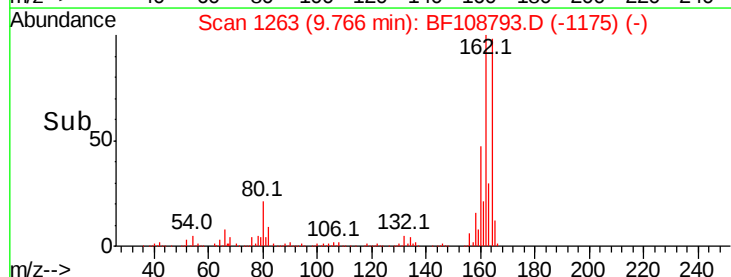
89 1.4 44.0 66.0#

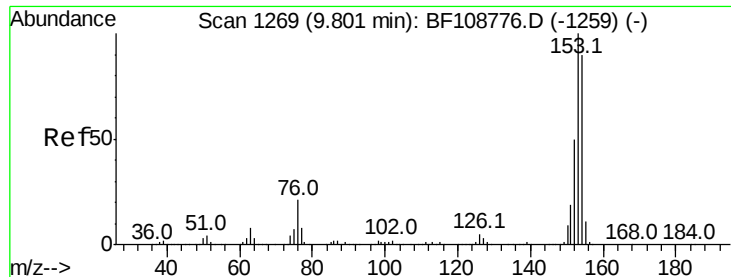


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.029 ng

RT: 9.80 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampled :

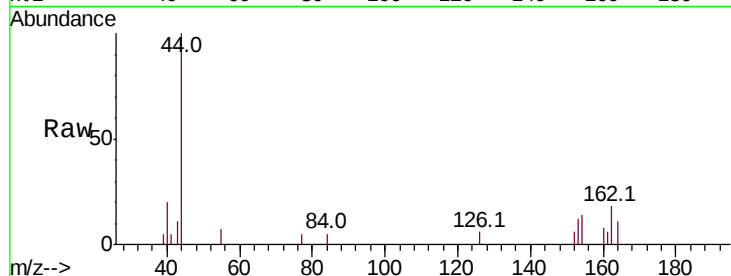
Tot Ion:154 Resp: 648

Ion Ratio Lower Upper

154 100

153 85.2 91.2 136.8#

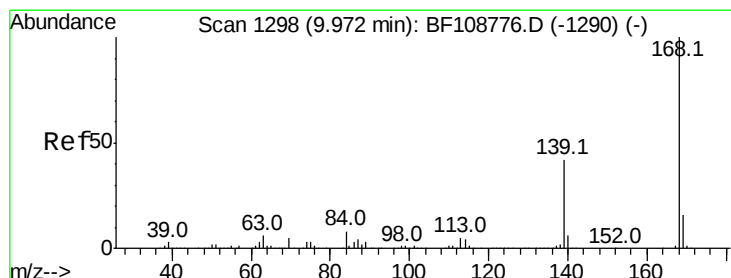
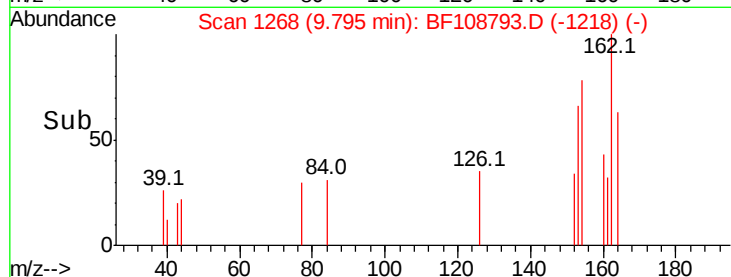
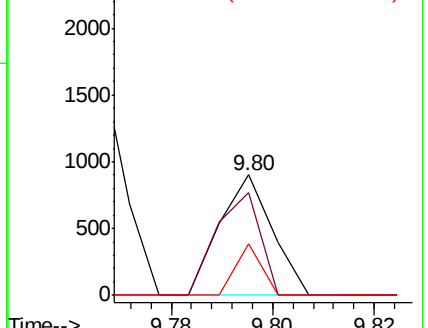
152 43.3 43.8 65.8#



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



#54

Dibenzofuran

Concen: 0.017 ng

RT: 9.97 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

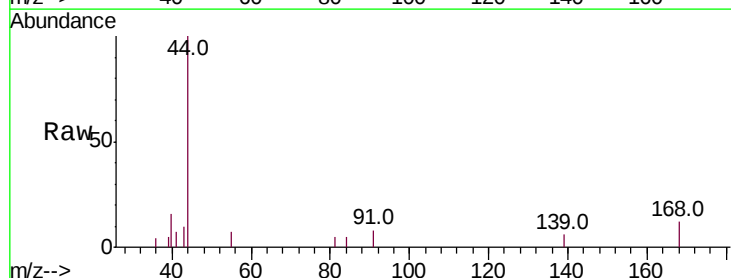
Tgt Ion:168 Resp: 574

Ion Ratio Lower Upper

168 100

139 50.5 30.1 45.1#

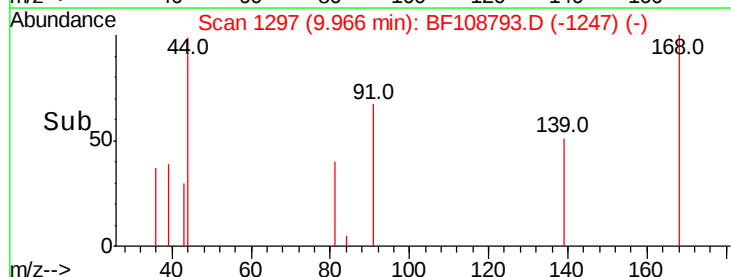
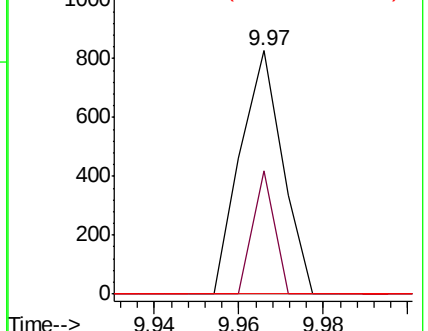
169 0.0 10.9 16.3#

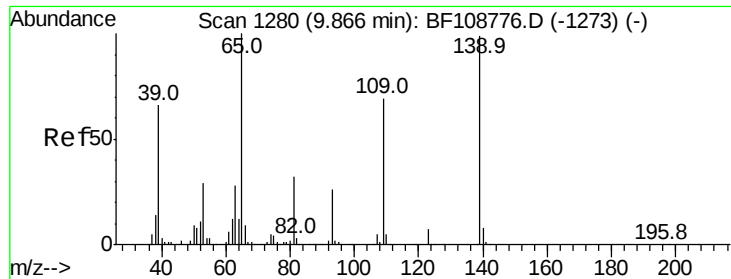


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

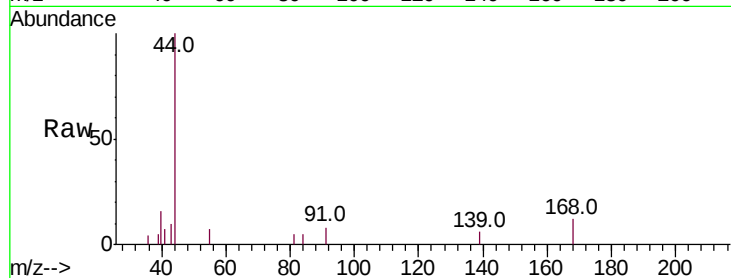




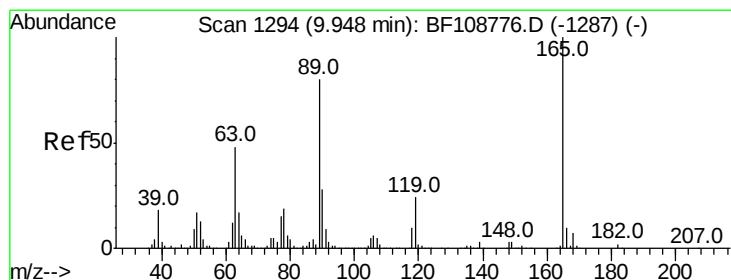
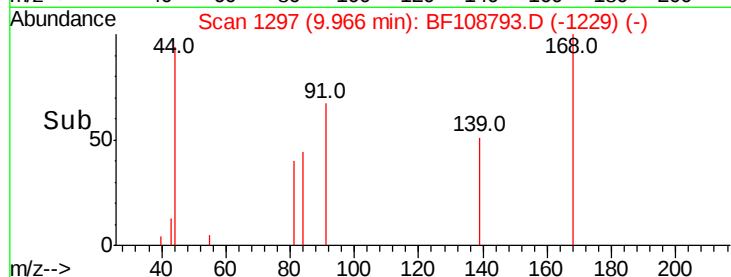
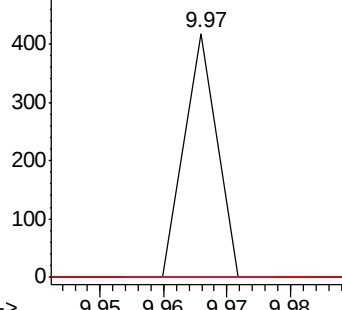
#55
4-Nitrophenol
Concen: 0.032 ng
RT: 9.97 min Scan# 1297
Delta R.T. 0.10 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 148
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

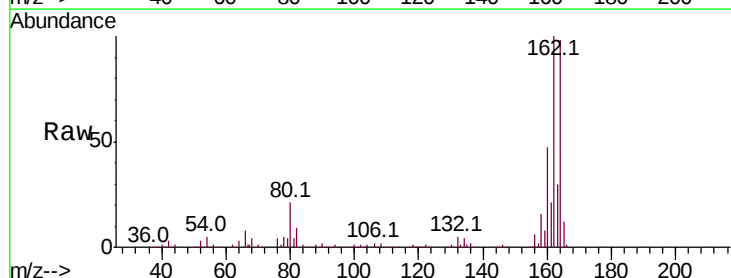


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

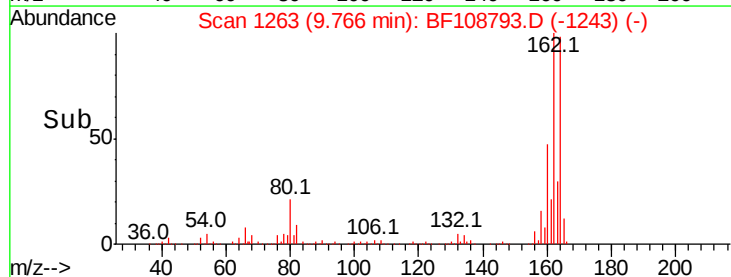
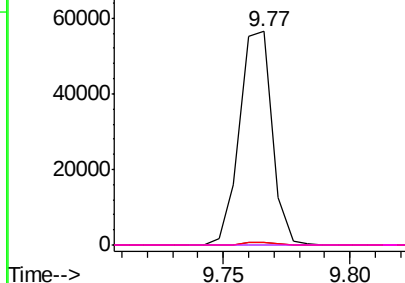


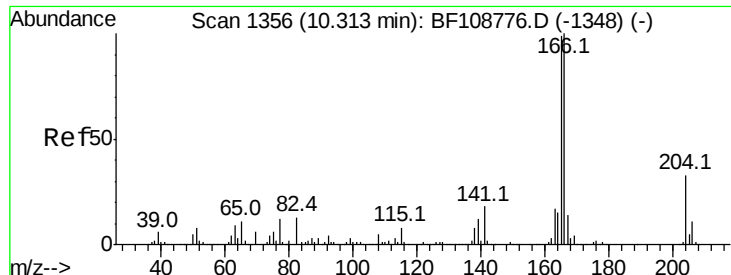
#56
2,4-Dinitrotoluene
Concen: 7.545 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:165 Resp: 50691
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#



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





#57

Fluorene

Concen: 0.021 ng

RT: 10.31 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampled :

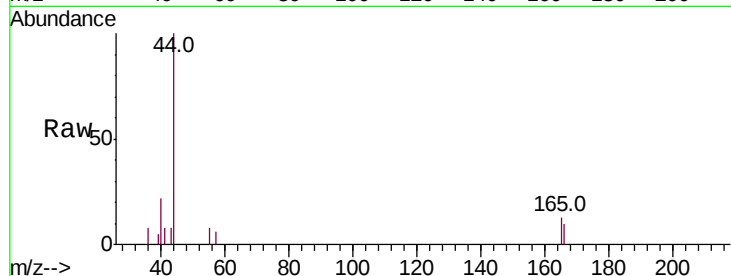
Tot Ion:166 Resp: 449

Ion Ratio Lower Upper

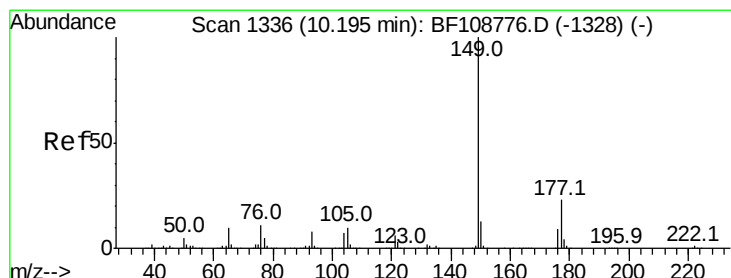
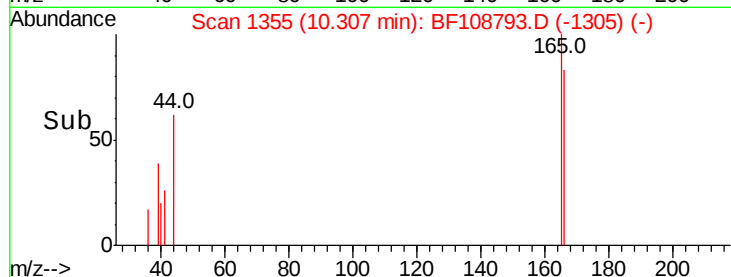
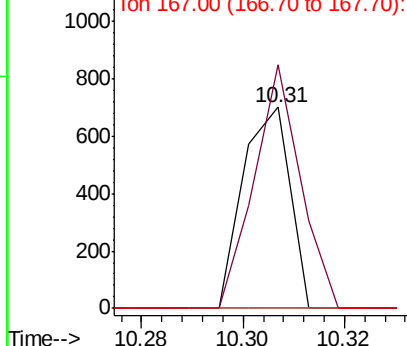
166 100

165 121.1 79.8 119.8#

167 0.0 10.6 16.0#



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



#59

Diethylphthalate

Concen: 0.127 ng

RT: 10.18 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

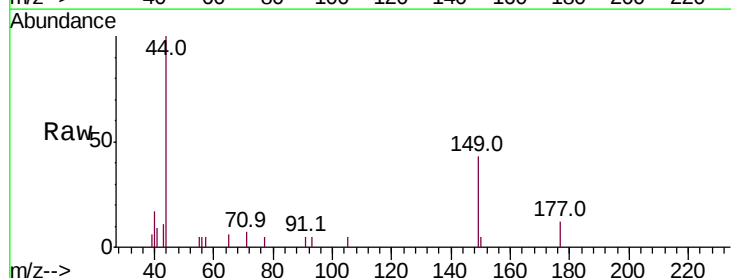
Tgt Ion:149 Resp: 3621

Ion Ratio Lower Upper

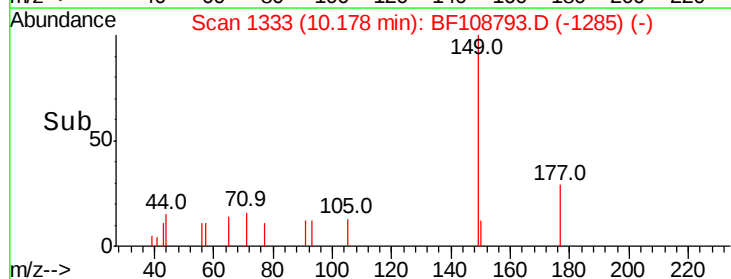
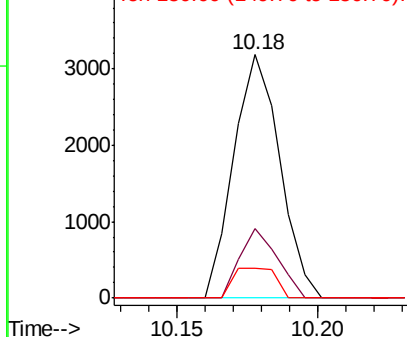
149 100

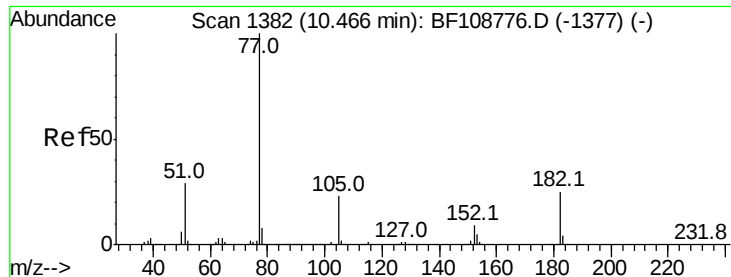
177 28.8 16.1 24.1#

150 12.2 10.1 15.1



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





#62

Azobenzene

Concen: 0.004 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.14 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 119

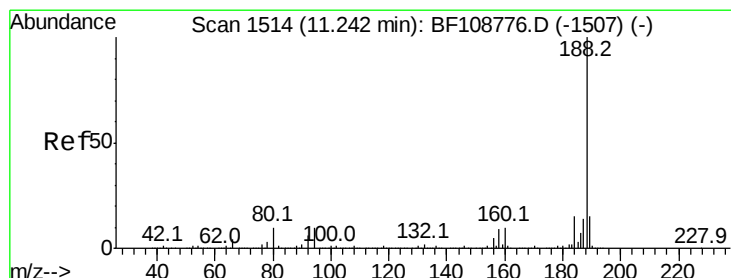
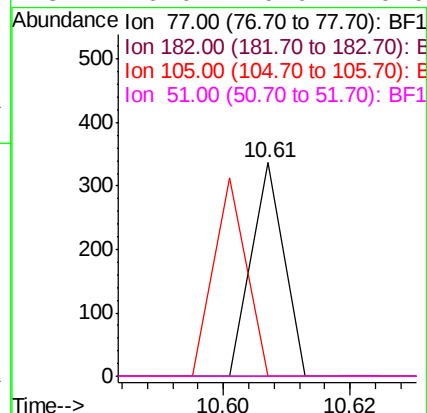
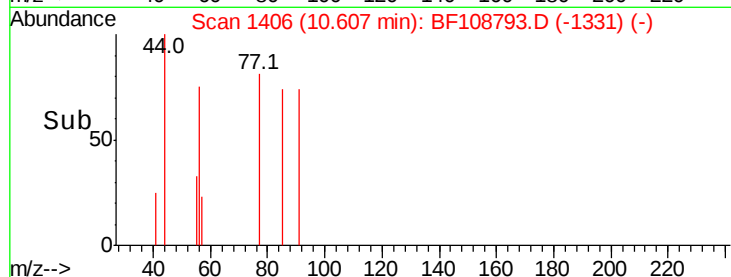
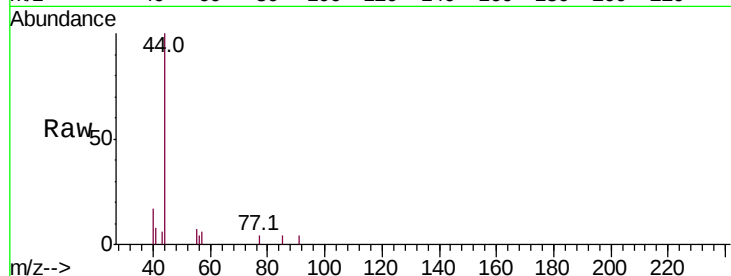
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 0.0 3.0 43.0#

51 0.0 9.9 49.9#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

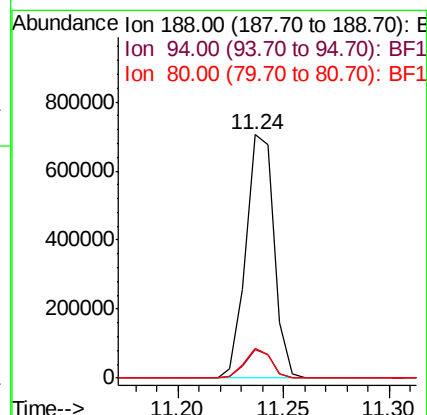
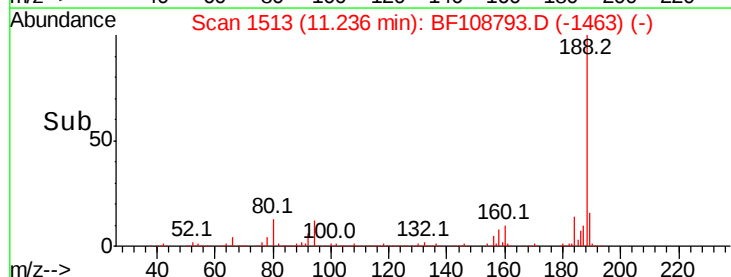
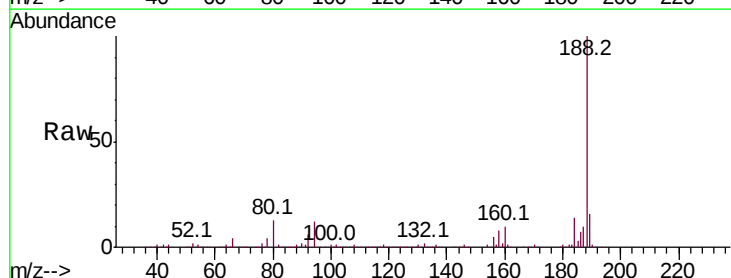
Tgt Ion: 188 Resp: 651271

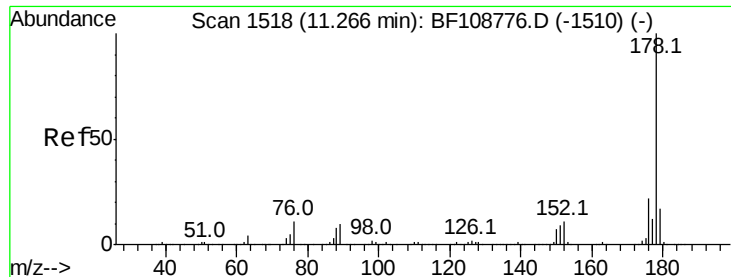
Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

80 12.5 9.2 13.8

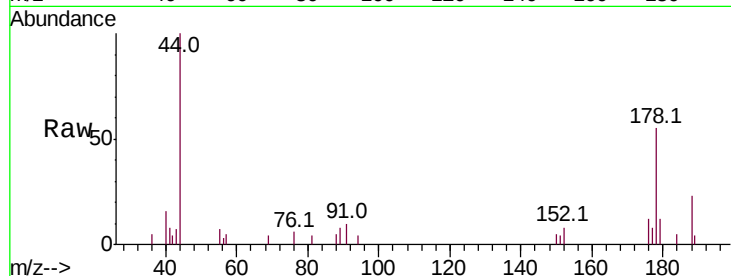




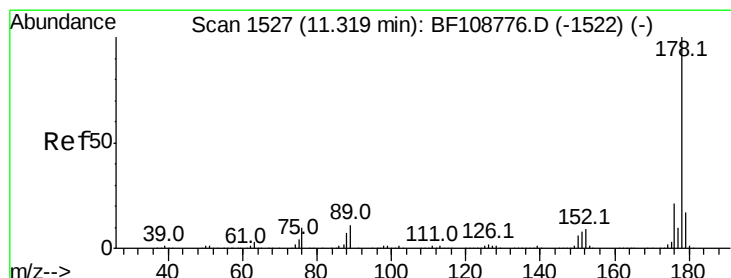
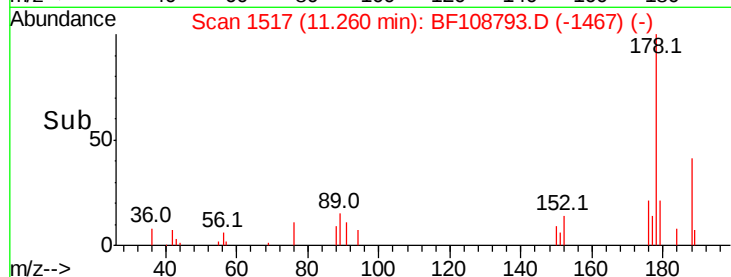
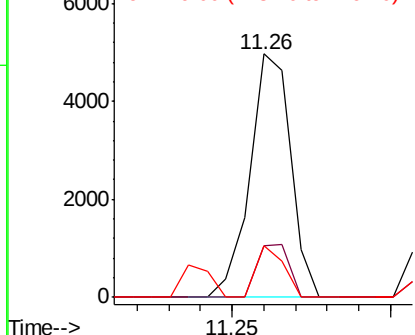
#70
Phenanthrene
Concen: 0.143 ng
RT: 11.26 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 4446
Ion Ratio Lower Upper
178 100
176 21.3 15.8 23.8
179 21.0 13.0 19.6#

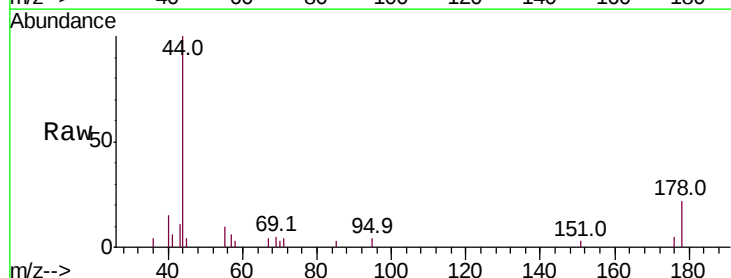


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

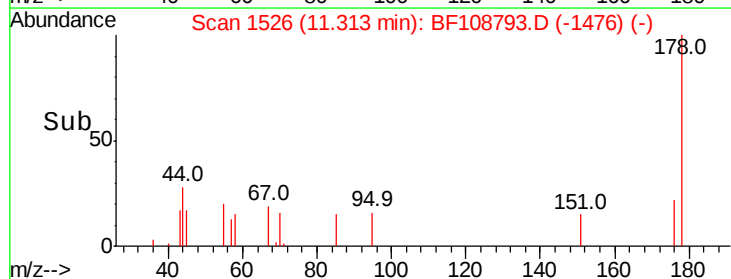
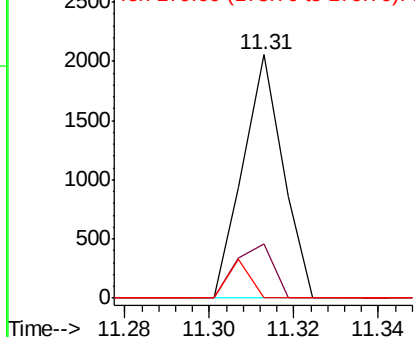


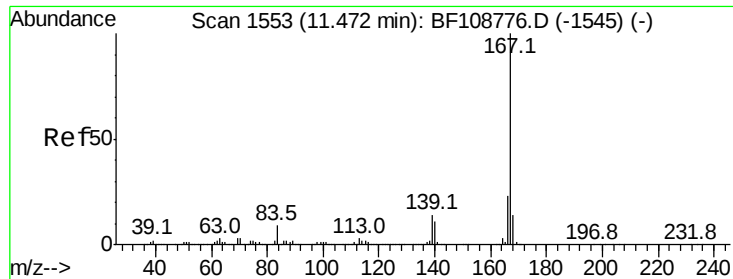
#71
Anthracene
Concen: 0.046 ng
RT: 11.31 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:178 Resp: 1360
Ion Ratio Lower Upper
178 100
176 22.3 15.4 23.2
179 0.0 12.6 19.0#



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

Carbazole

Concen: 0.024 ng

RT: 11.47 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampleId :

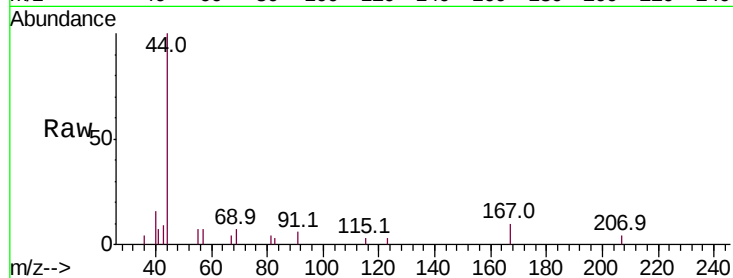
Tot Ion:167 Resp: 759

Ion Ratio Lower Upper

167 100

166 0.0 17.6 26.4#

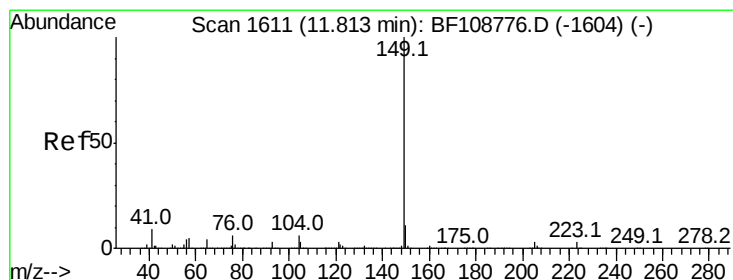
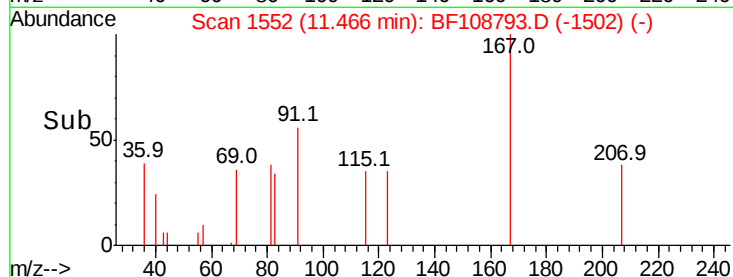
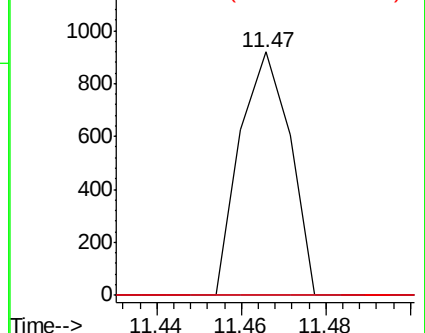
139 0.0 10.9 16.3#



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



#73

Di-n-butylphthalate

Concen: 0.040 ng

RT: 11.81 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

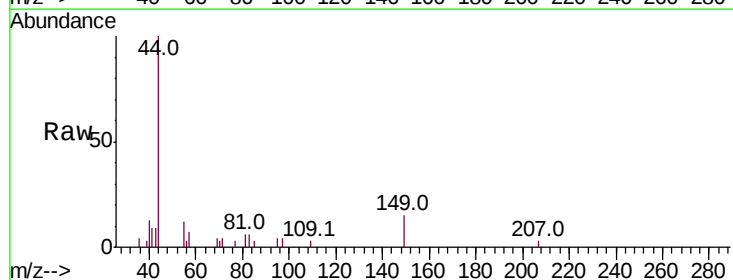
Tgt Ion:149 Resp: 1397

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

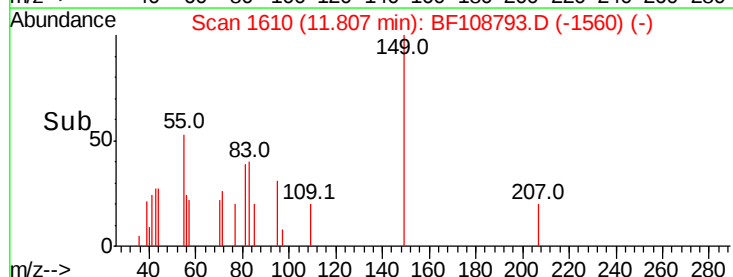
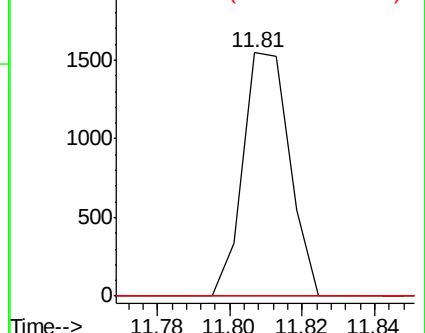
104 0.0 3.8 5.8#

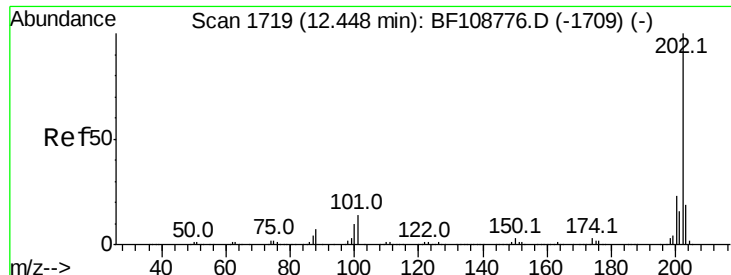


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

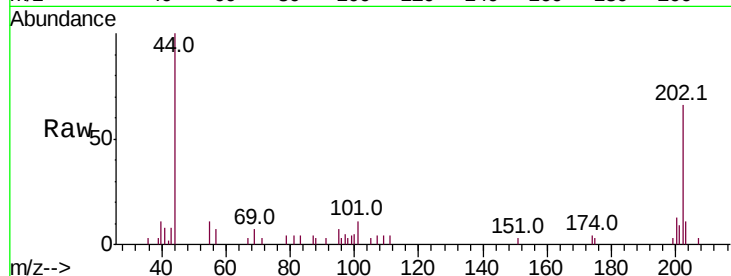




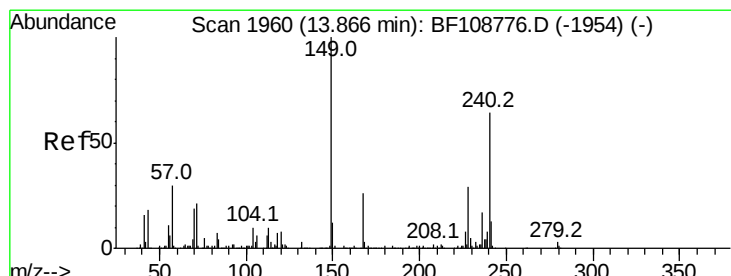
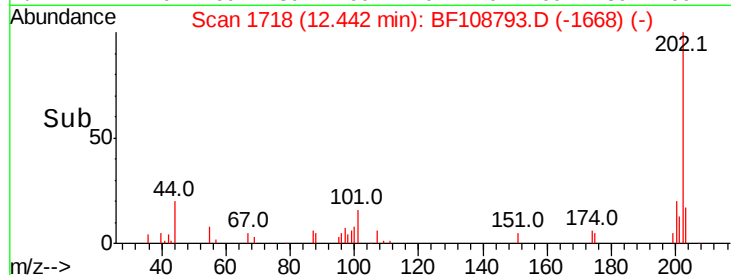
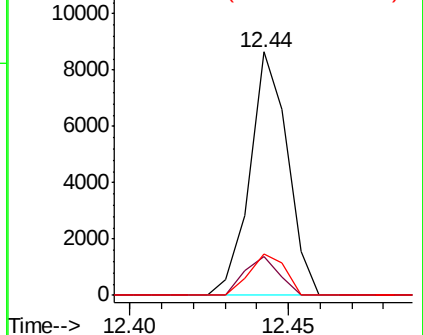
#74
 Fluoranthene
 Concen: 0.231 ng
 RT: 12.44 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 7116
 Ion Ratio Lower Upper
 202 100
 101 16.0 0.0 34.1
 203 16.9 0.0 38.1

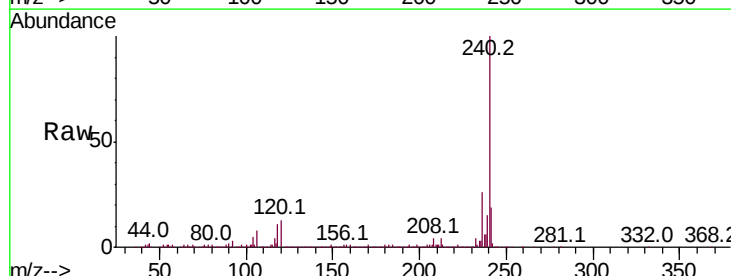


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

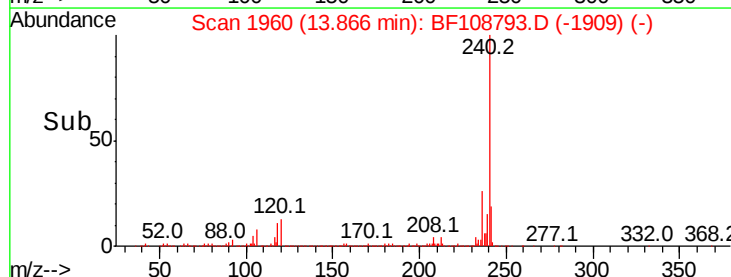
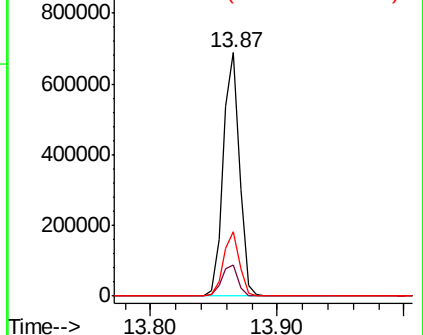


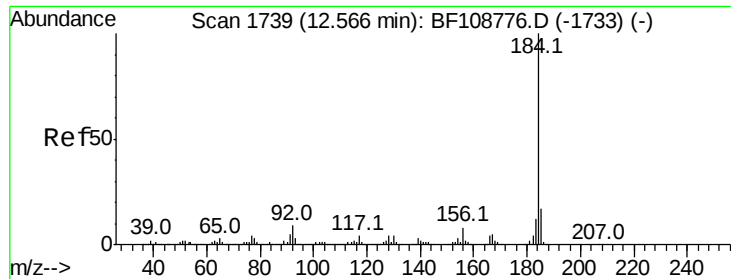
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Tgt Ion:240 Resp: 616655
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 26.2 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





#76

Benzidine

Concen: 0.040 ng

RT: 12.82 min Scan# 1782

Delta R.T. 0.25 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampleId :

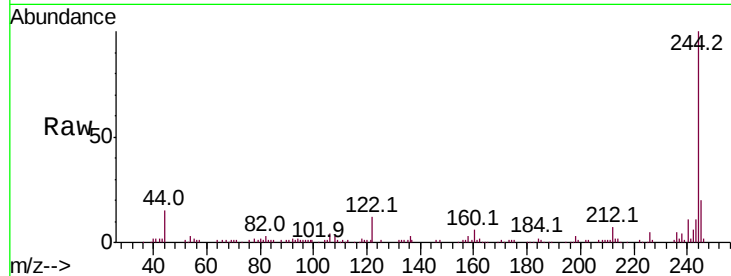
Tot Ion:184 Resp: 1166

Ion Ratio Lower Upper

184 100

185 30.2 12.6 18.8#

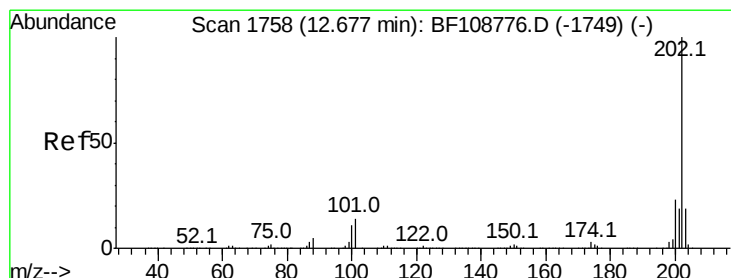
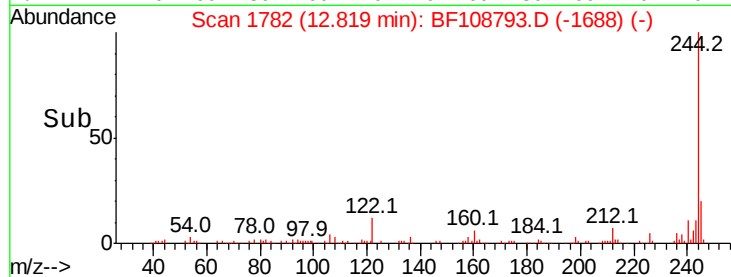
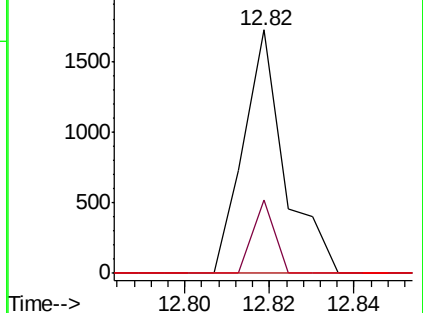
183 0.0 9.3 13.9#



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



#77

Pyrene

Concen: 0.138 ng

RT: 12.67 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

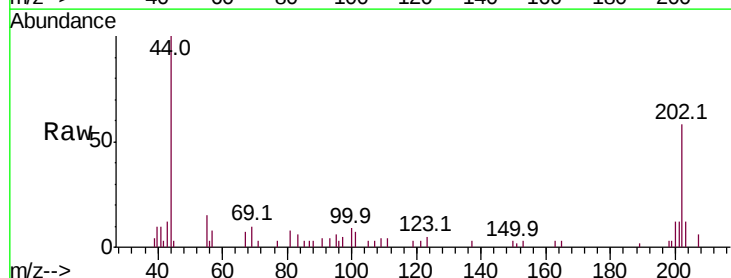
Tgt Ion:202 Resp: 6536

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

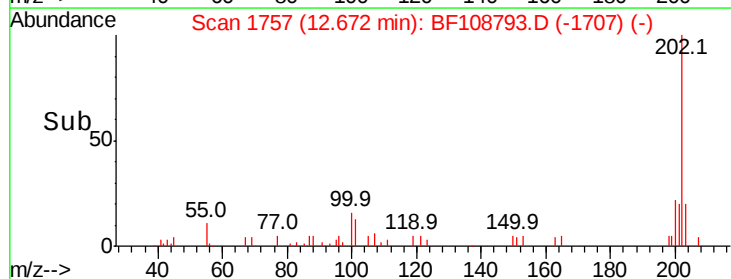
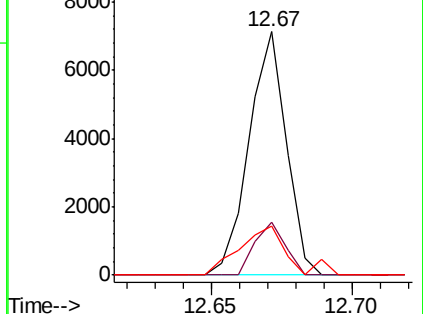
203 20.3 14.3 21.5

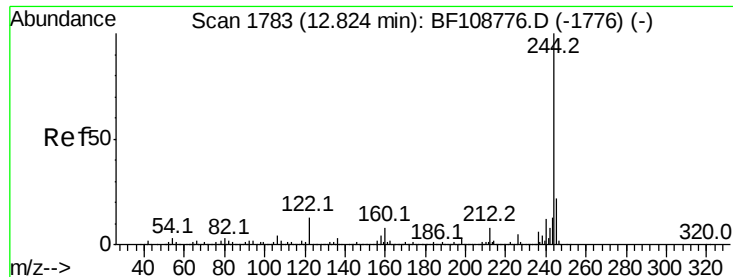


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 2.562 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampled :

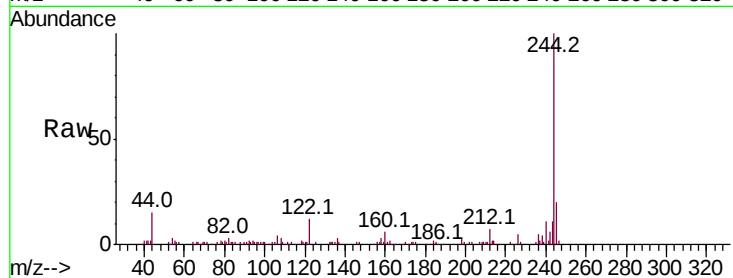
Tot Ion:244 Resp: 67760

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

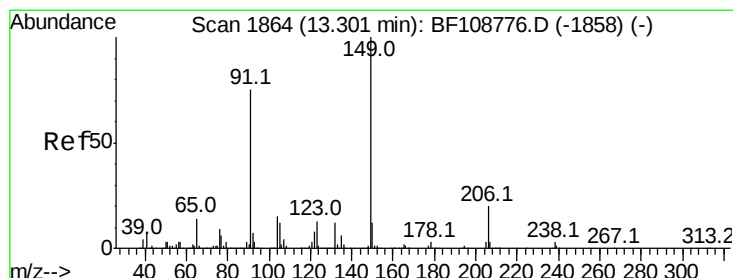
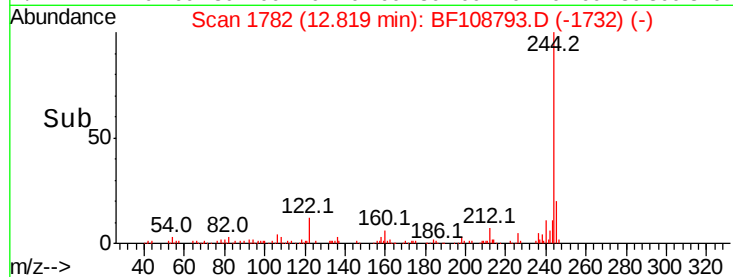
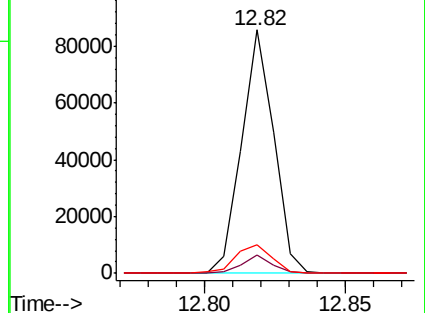
122 11.6 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 0.088 ng

RT: 13.30 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

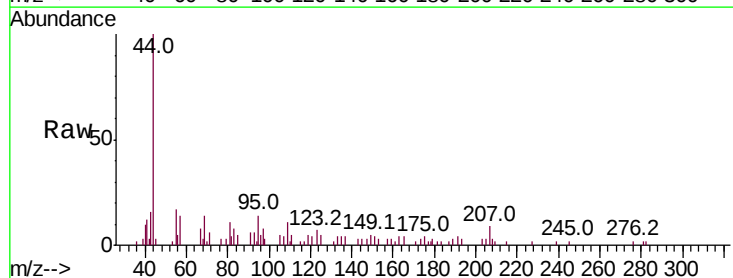
Tgt Ion:149 Resp: 1890

Ion Ratio Lower Upper

149 100

91 120.6 56.8 85.2#

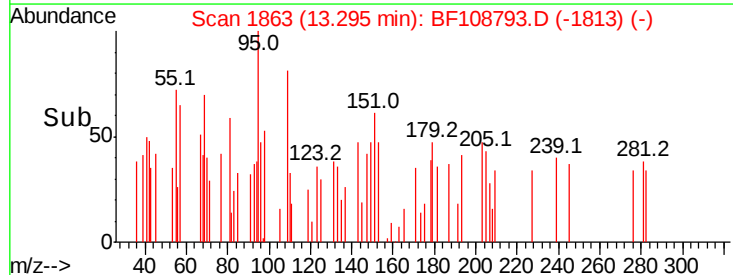
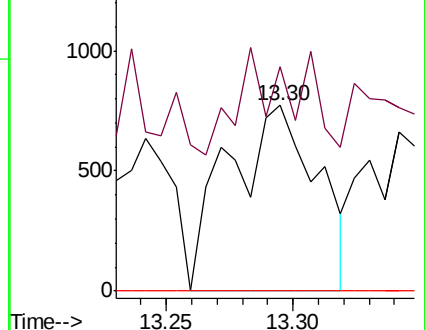
206 0.0 14.1 21.1#

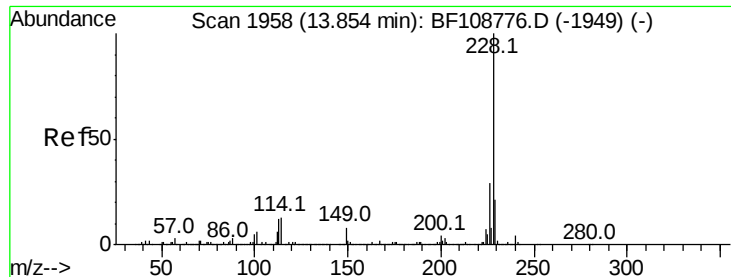


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

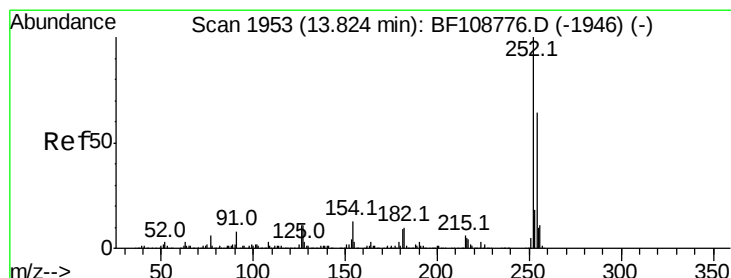
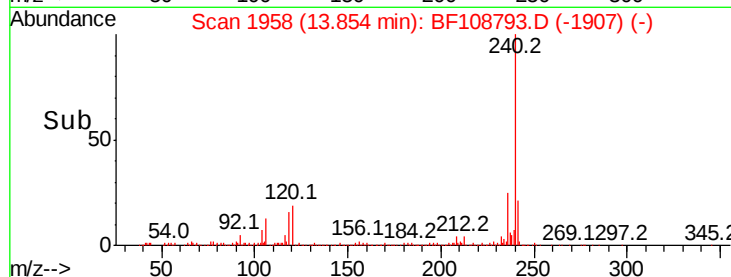
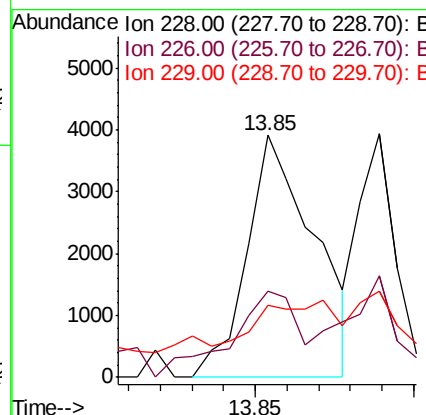
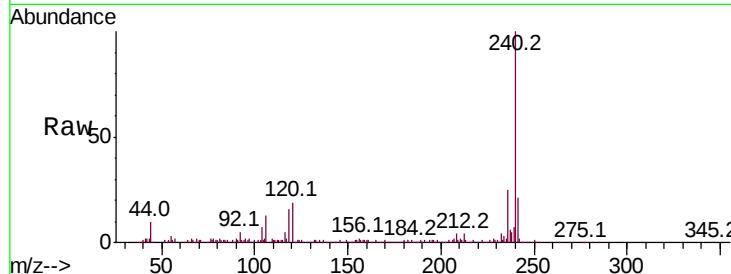




#80
Benzo(a)anthracene
Concen: 0.146 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

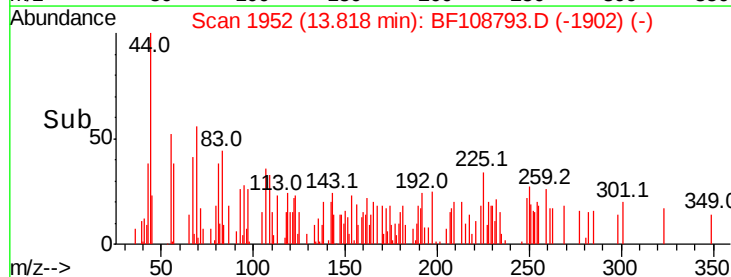
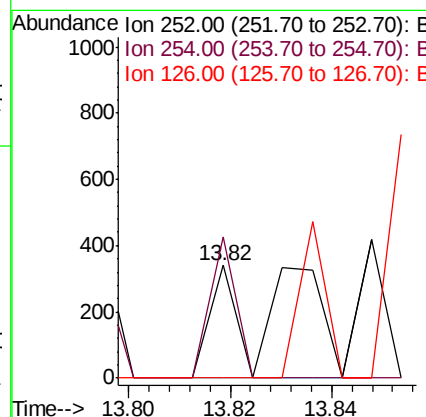
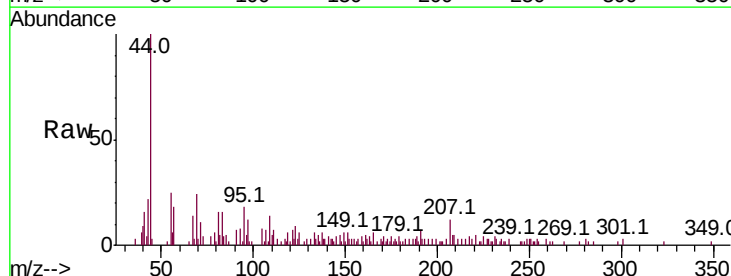
Instrument :
BNA_F
ClientSampled :

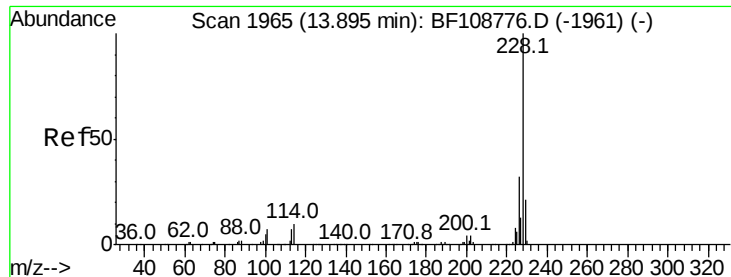
Tot Ion:228 Resp: 5786
Ion Ratio Lower Upper
228 100
226 35.8 22.6 33.8#
229 29.9 15.8 23.6#



#81
3,3'-Dichlorobenzidine
Concen: 0.023 ng
RT: 13.82 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:252 Resp: 353
Ion Ratio Lower Upper
252 100
254 125.3 50.4 75.6#
126 0.0 11.3 16.9#





#82

Chrysene

Concen: 0.086 ng

RT: 13.89 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampleId :

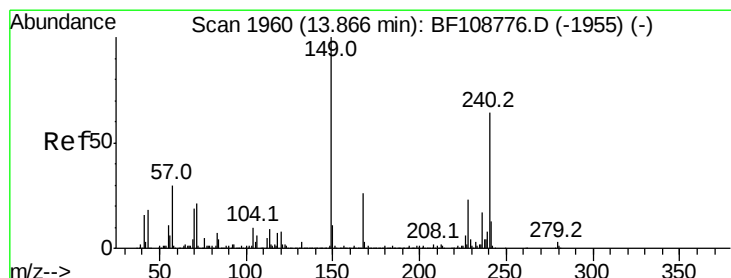
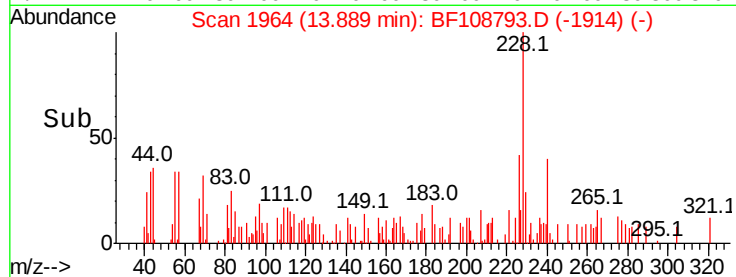
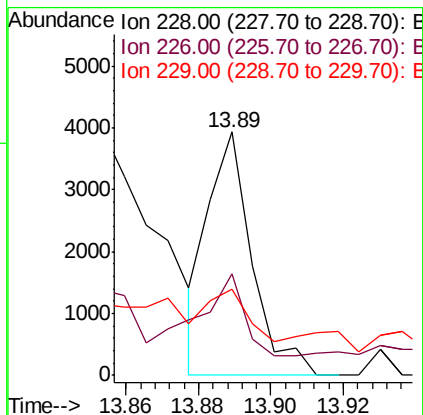
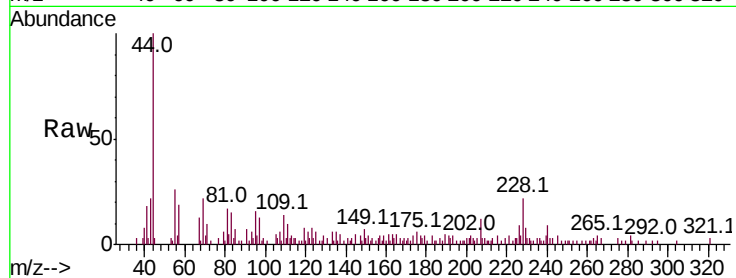
Tot Ion:228 Resp: 3302

Ion Ratio Lower Upper

228 100

226 41.7 25.0 37.6#

229 35.6 16.2 24.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.135 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

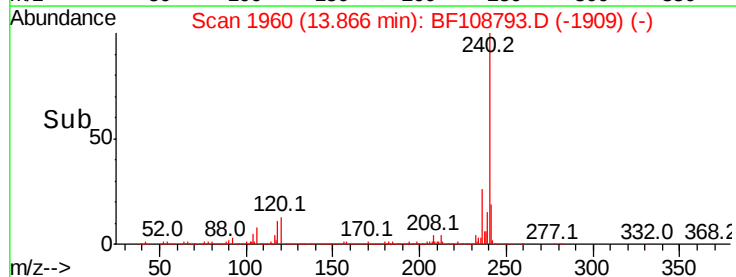
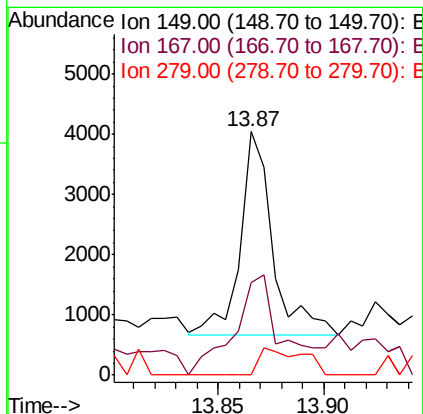
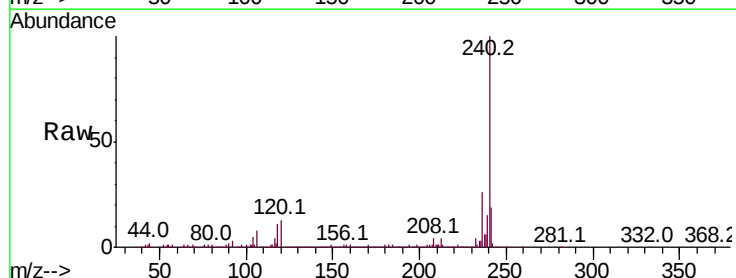
Tgt Ion:149 Resp: 3636

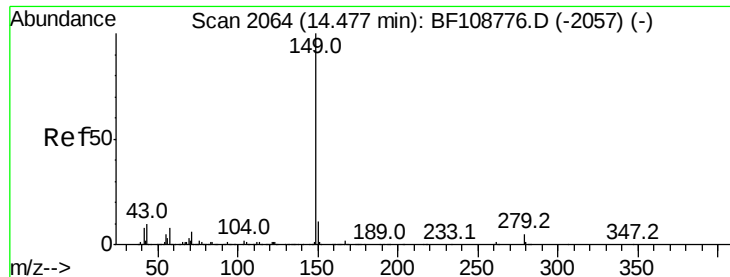
Ion Ratio Lower Upper

149 100

167 37.9 21.3 31.9#

279 0.0 3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 0.012 ng

RT: 14.49 min Scan# 2066

Delta R.T. 0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampleId :

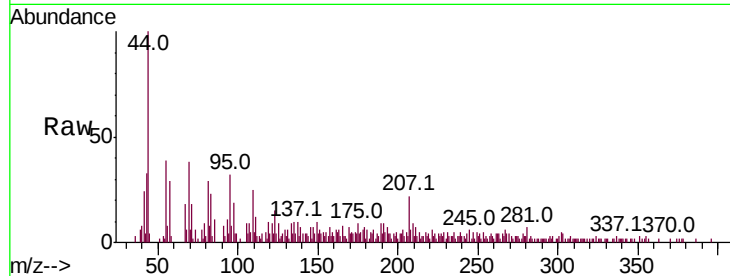
Tot Ion:149 Resp: 529

Ion Ratio Lower Upper

149 100

167 19.8 1.2 1.8#

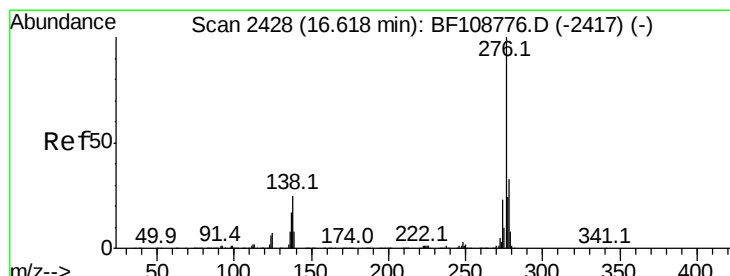
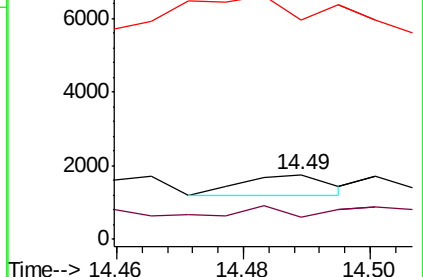
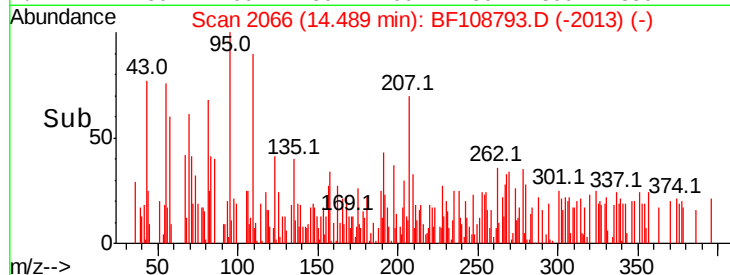
43 449.5 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.057 ng

RT: 16.61 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

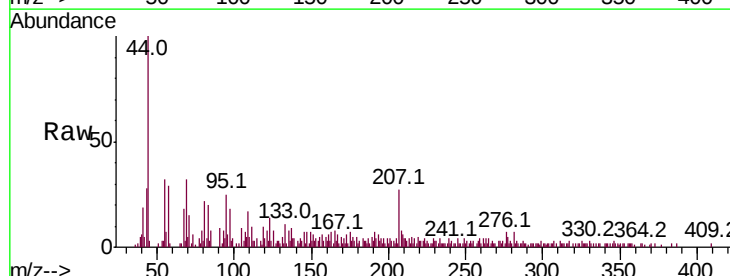
Tgt Ion:276 Resp: 1927

Ion Ratio Lower Upper

276 100

138 20.6 25.0 37.6#

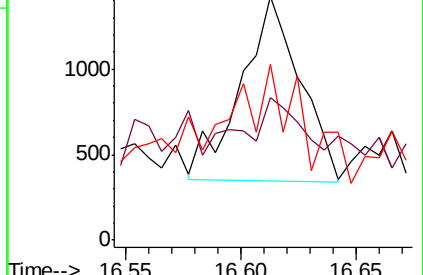
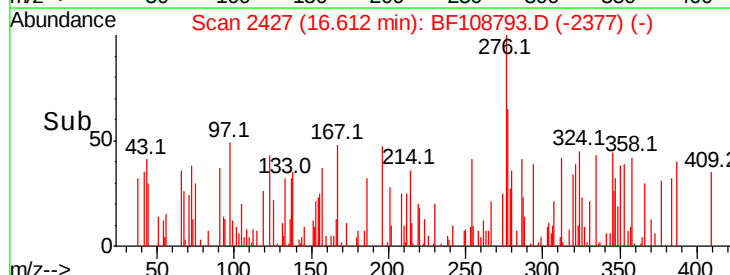
277 15.1 20.1 30.1#

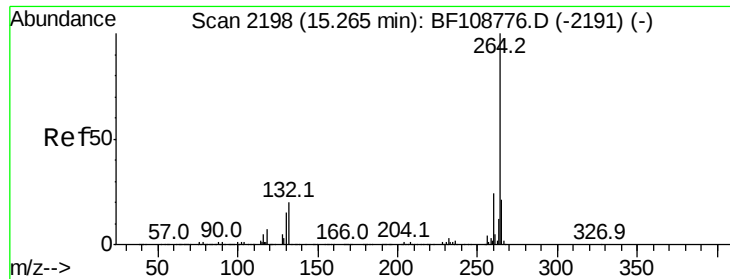


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



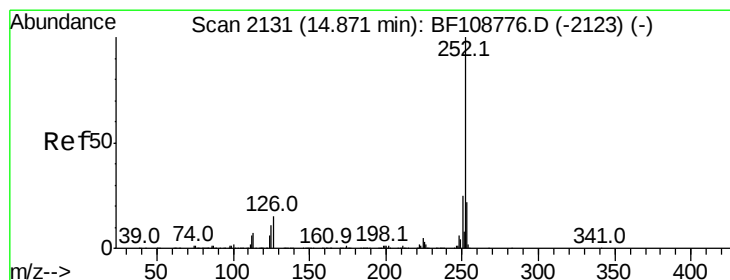
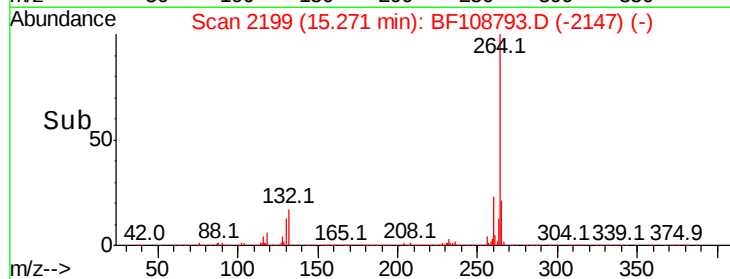
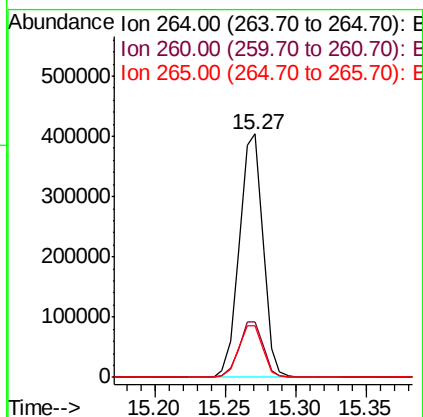
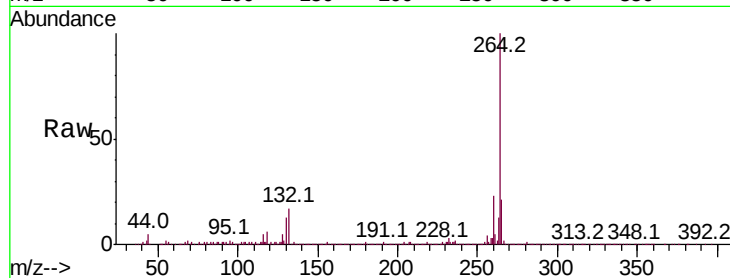


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 471813

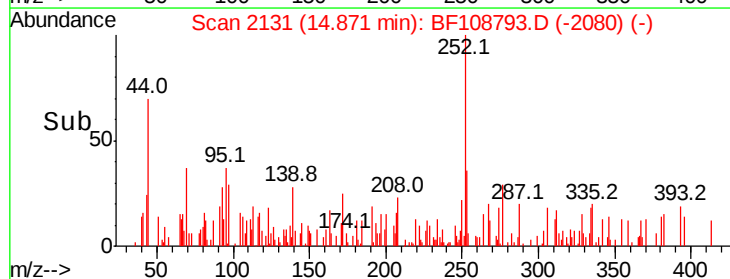
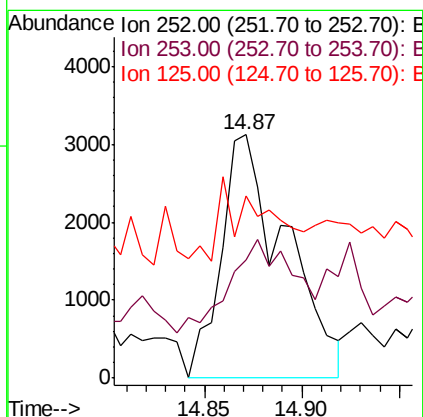
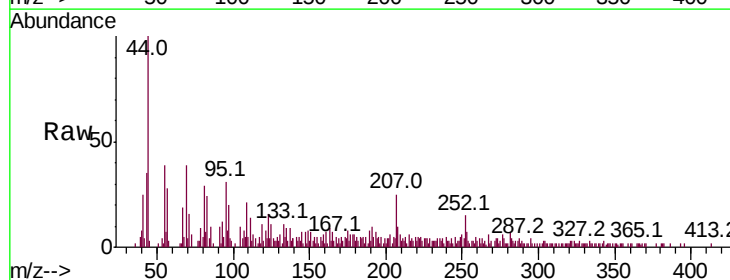
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.1	17.5	26.3

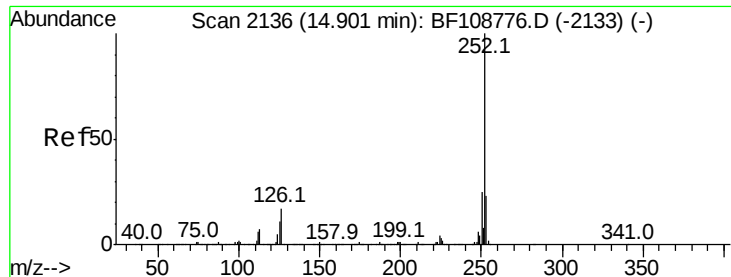


#87
Benzo(b)fluoranthene
Concen: 0.279 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:252 Resp: 7158

Ion	Ratio	Lower	Upper
252	100		
253	48.4	17.0	25.6#
125	74.7	9.0	13.6#

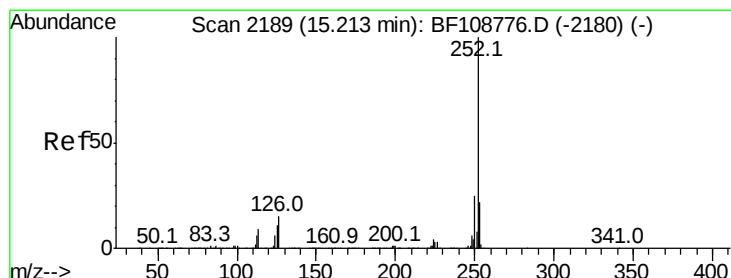
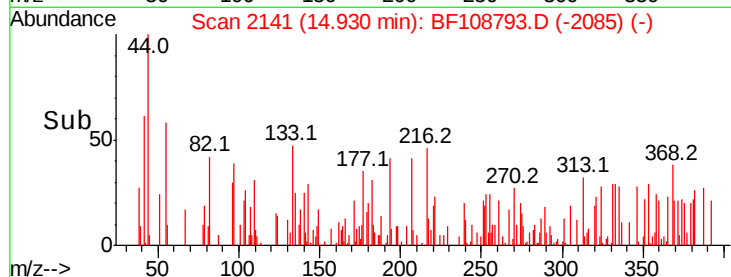
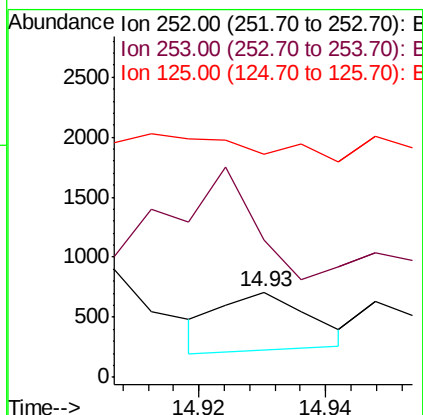
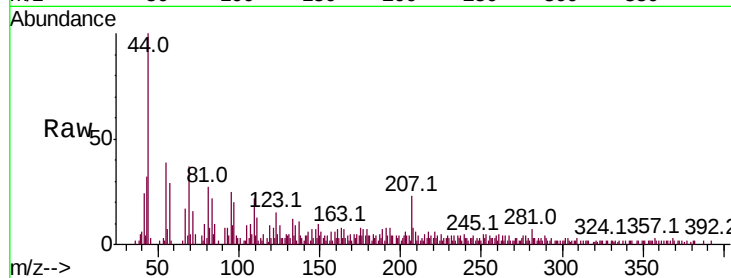




#88
Benzo(k)fluoranthene
Concen: 0.020 ng
RT: 14.93 min Scan# 2141
Delta R.T. 0.03 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

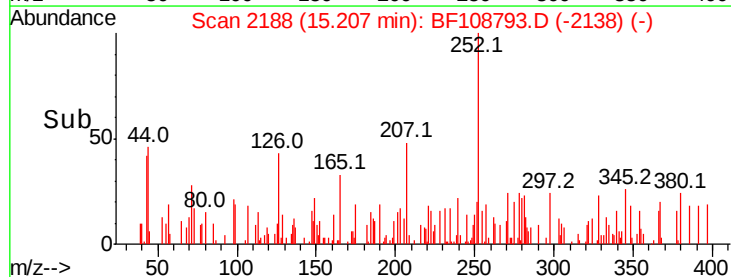
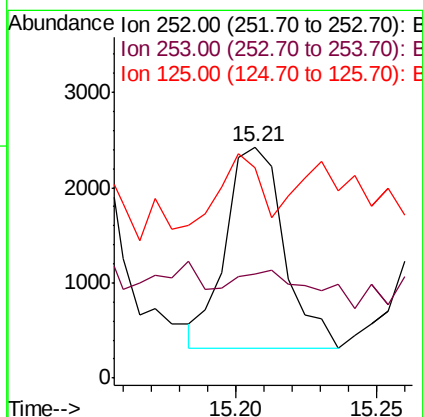
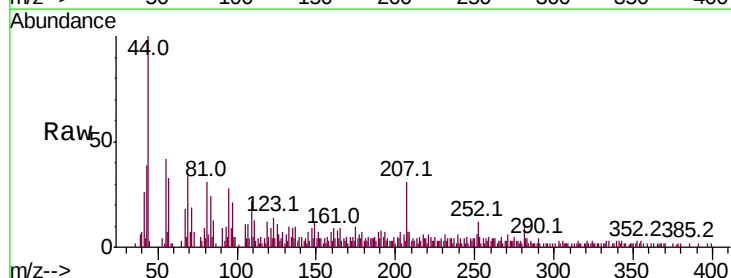
Instrument :
BNA_F
ClientSampled :

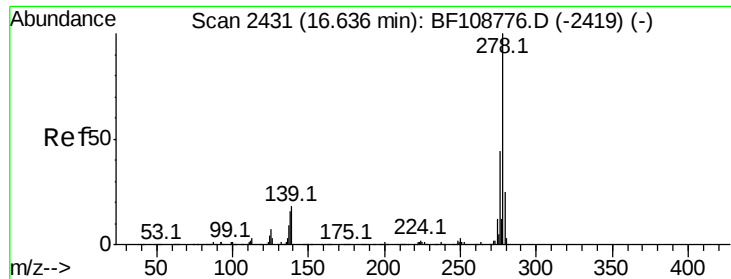
Tot Ion:252 Resp: 472
Ion Ratio Lower Upper
252 100
253 162.0 17.9 26.9#
125 262.7 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 0.131 ng
RT: 15.21 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:252 Resp: 3027
Ion Ratio Lower Upper
252 100
253 45.1 17.1 25.7#
125 90.9 9.8 14.6#

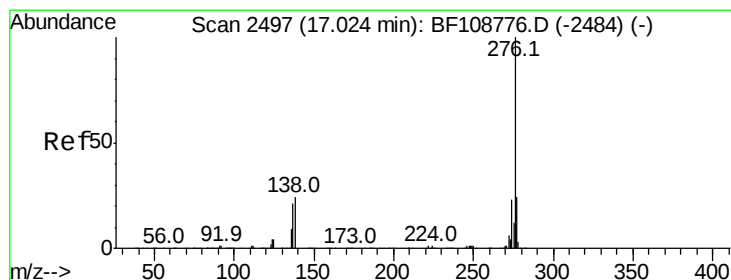
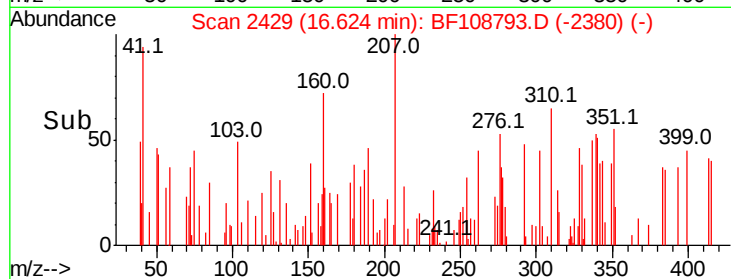
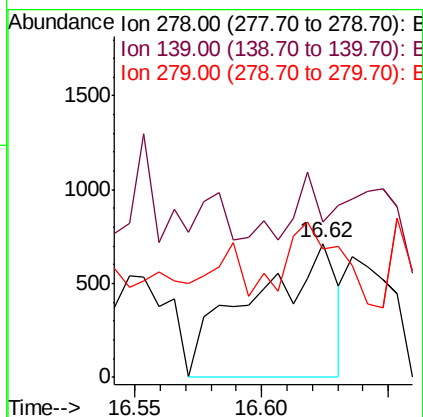
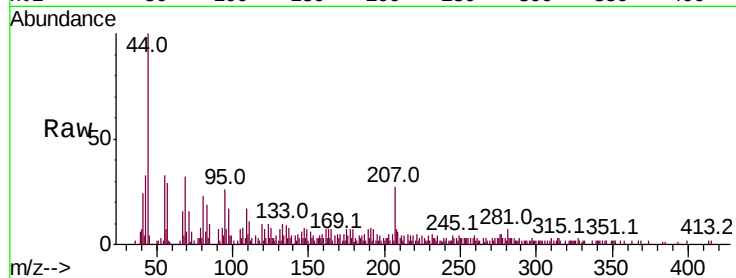




#90
Dibenzo(a,h)anthracene
Concen: 0.080 ng
RT: 16.62 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1625
Ion Ratio Lower Upper
278 100
139 116.2 15.9 23.9#
279 96.1 19.0 28.4#



#91
Benzo(g,h,i)perylene
Concen: 0.138 ng
RT: 17.02 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:276 Resp: 2825
Ion Ratio Lower Upper
276 100
277 37.8 17.9 26.9#
138 59.6 21.8 32.8#

