

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108788.D
 Acq On : 5 Sep 2018 21:40
 Operator : JU/SJ
 Sample : J4741-18 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:26:53 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	6.73	152	290381	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	1089366	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	468805	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	746000	20.00	ng	0.00
75) Chrysene-d12	13.86	240	613127	20.00	ng	0.00
86) Perylene-d12	15.27	264	479769	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	158595	9.05	ng	-0.01
7) Phenol-d6	6.35	99	204965	9.09	ng	-0.02
23) Nitrobenzene-d5	7.28	82	106076	6.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	27799	6.21	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	223321	8.13	ng	0.00
78) Terphenyl-d14	12.82	244	168771	6.42	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.44	88	254	0.030	ng	# 1
4) n-Nitrosodimethylamine	3.08	42	123	0.014	ng	# 1
6) Aniline	6.50	93	131	0.004	ng	# 1
9) Benzaldehyde	6.27	77	224	0.014	ng	# 40
10) Phenol	6.37	94	643	0.025	ng	# 61
11) bis(2-Chloroethyl)ether	6.50	93	131	0.006	ng	# 1
15) Benzyl Alcohol	6.88	79	1994	0.115	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	7.00	45	112	0.004	ng	# 70
19) n-Nitroso-di-n-propylamine	7.28	70	14536	0.927	ng	# 84
22) Acetophenone	7.14	105	757	0.031	ng	# 68
24) Nitrobenzene	7.29	77	340	0.018	ng	# 38
25) Isophorone	7.28	82	105752	3.046	ng	# 64
28) bis(2-Chloroethoxy)methane	8.01	93	317	0.014	ng	# 1
31) Naphthalene	8.04	128	2375	0.048	ng	# 97
32) Benzoic acid	8.01	122	131	4.031	ng	# 1
33) 4-Chloroaniline	8.04	127	144	0.006	ng	# 35
37) 2-Methylnaphthalene	8.72	142	1045	0.032	ng	# 84
45) 1,1'-Biphenyl	9.18	154	584	0.016	ng	# 90
46) 2-Chloronaphthalene	9.48	162	346	0.012	ng	# 1
47) 2-Nitroaniline	9.21	65	172	0.022	ng	# 31
48) Acenaphthylene	9.62	152	12156	0.279	ng	# 97
49) Dimethylphthalate	9.48	163	58382	1.780	ng	# 99
50) 2,6-Dinitrotoluene	9.76	165	60786	9.729	ng	# 25
51) Acenaphthene	9.80	154	2324	0.086	ng	# 92
54) Dibenzofuran	9.97	168	1528	0.039	ng	# 91
55) 4-Nitrophenol	9.96	139	666	0.120	ng	# 9
56) 2,4-Dinitrotoluene	9.76	165	60786	7.607	ng	# 23
57) Fluorene	10.31	166	3718	0.148	ng	# 97
59) Diethylphthalate	10.18	149	7968	0.235	ng	# 98
62) Azobenzene	10.47	77	295	0.008	ng	# 1
65) n-Nitrosodiphenylamine	10.42	169	115	0.005	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	1597	0.190	ng	# 1
70) Phenanthrene	11.26	178	57203	1.606	ng	# 98
71) Anthracene	11.31	178	16904	0.496	ng	# 98

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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

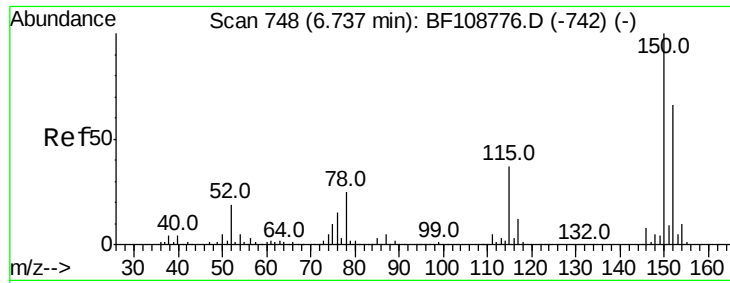
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:26:53 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)

72) Carbazole	11.46	167	6971	0.194	nq	# 90
73) Di-n-butylphthalate	11.81	149	4501	0.113	nq	# 85
74) Fluoranthene	12.44	202	135899	3.853	nq	98
76) Benzidine	12.56	184	108	0.004	nq	# 1
77) Pyrene	12.67	202	130710	2.771	nq	98
79) Butylbenzylphthalate	13.29	149	1648	0.078	nq	# 39
80) Benzo(a)anthracene	13.85	228	80119	2.039	nq	93
81) 3,3'-Dichlorobenzidine	13.81	252	1370	0.089	nq	# 87
82) Chrysene	13.85	228	80119	2.106	nq	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	6074	0.227	nq	# 96
84) Di-n-octyl phthalate	14.46	149	931	0.021	nq	# 1
85) Indeno(1,2,3-cd)pyrene	16.61	276	46875	1.392	nq	# 87
87) Benzo(b)fluoranthene	14.87	252	131375	5.036	nq	# 90
88) Benzo(k)fluoranthene	14.87	252	131375	5.468	nq	# 93
89) Benzo(a)pyrene	15.21	252	65430	2.780	nq	# 93
90) Dibenzo(a,h)anthracene	16.62	278	14563	0.702	nq	# 70
91) Benzo(g,h,i)perylene	17.01	276	53100	2.557	nq	93

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

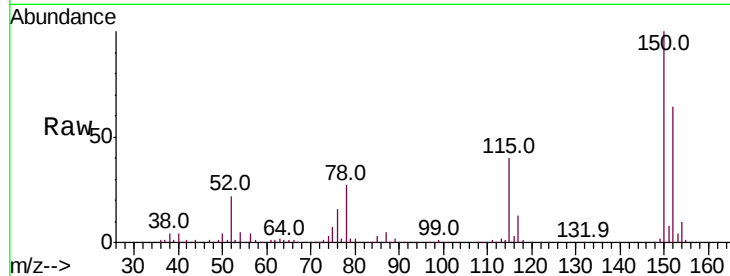


#1

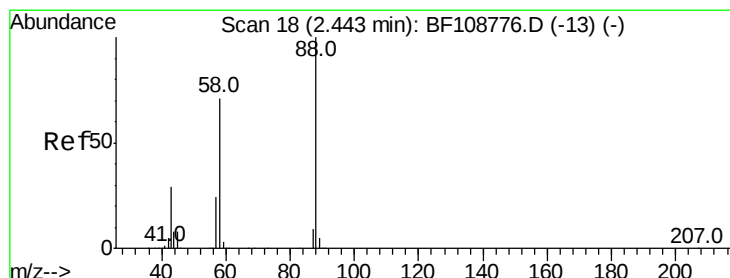
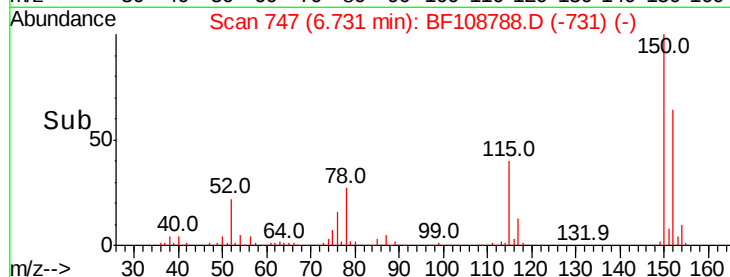
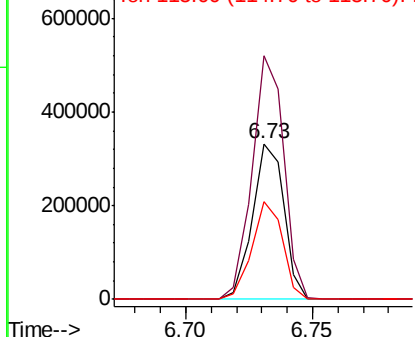
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 290381
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 63.1 50.1 75.1



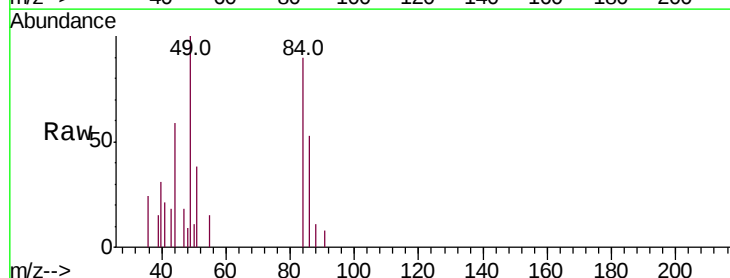
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



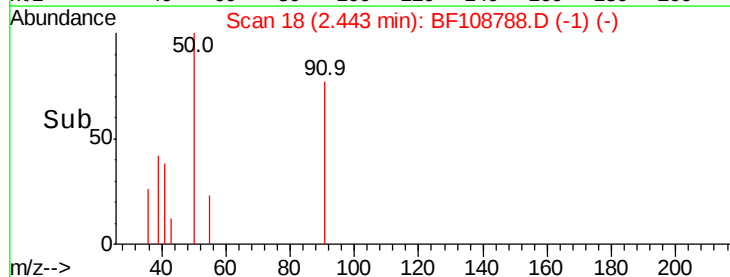
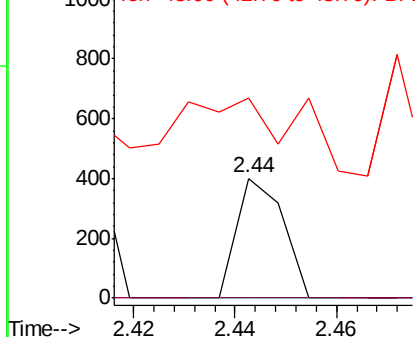
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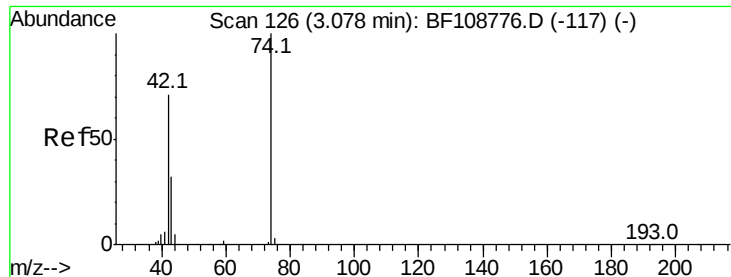
1,4-Dioxane
Concen: 0.030 ng
RT: 2.44 min Scan# 18
Delta R.T. -0.00 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion: 88 Resp: 254
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 167.7 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





#4

n-Nitrosodimethylamine

Concen: 0.014 ng

RT: 3.08 min Scan# 127

Delta R.T. 0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

ClientSampled :

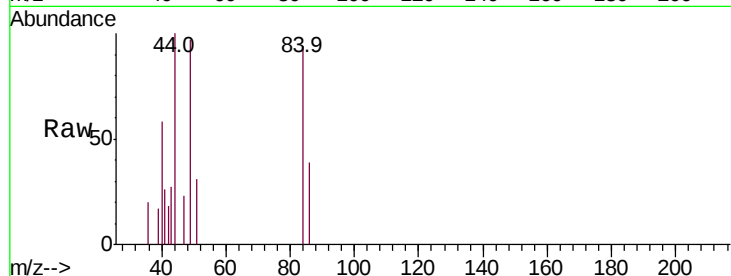
Tot Ion: 42 Resp: 123

Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

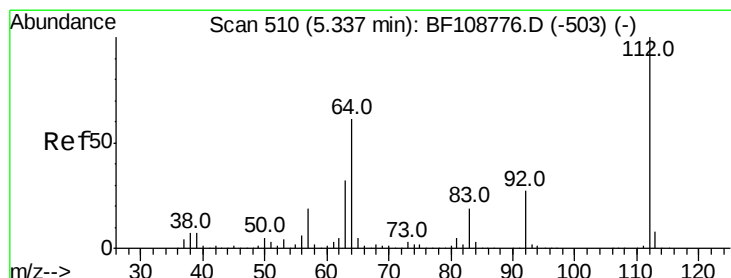
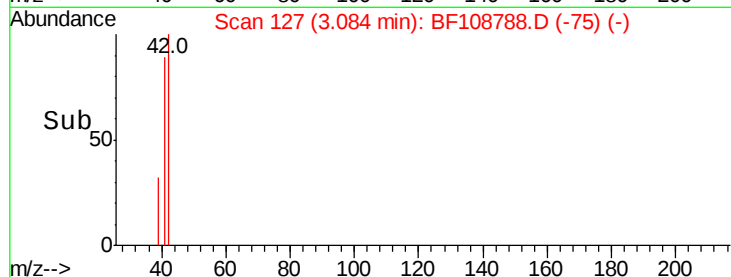
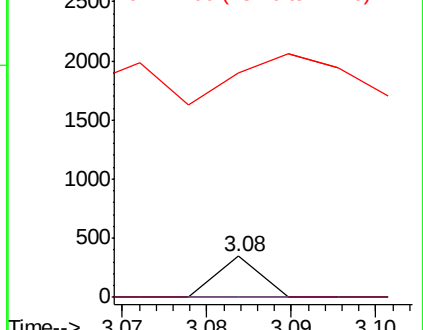
44 545.1 6.9 10.3#



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: 9.048 ng

RT: 5.32 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

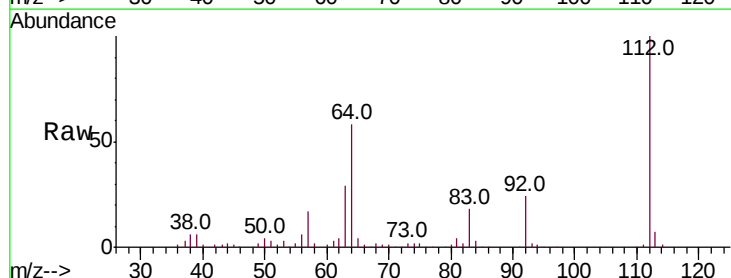
Tgt Ion: 112 Resp: 158595

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

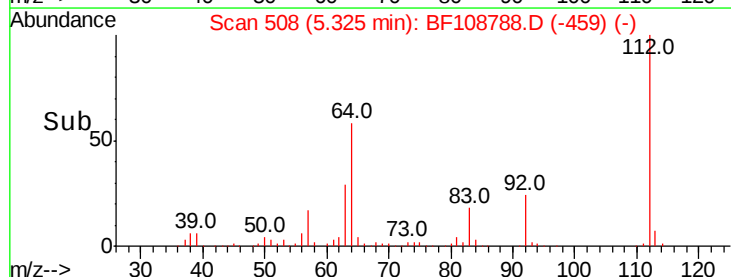
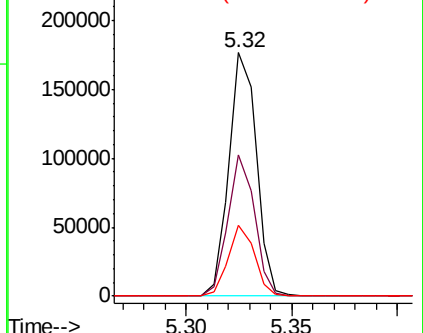
63 29.2 23.7 35.5

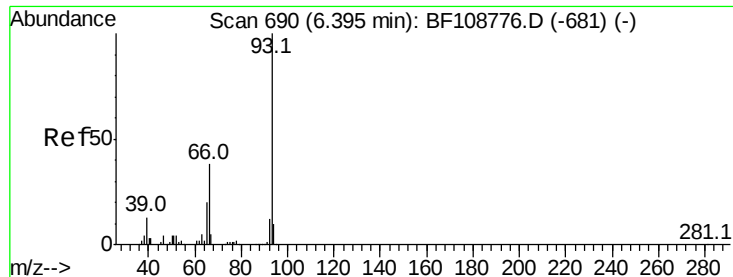


Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.004 ng

RT: 6.50 min Scan# 707

Delta R.T. 0.10 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

ClientSampleId :

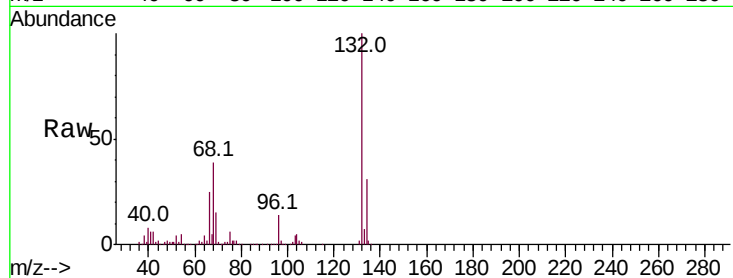
Tot Ion: 93 Resp: 131

Ion Ratio Lower Upper

93 100

66 13812.9 32.2 48.2#

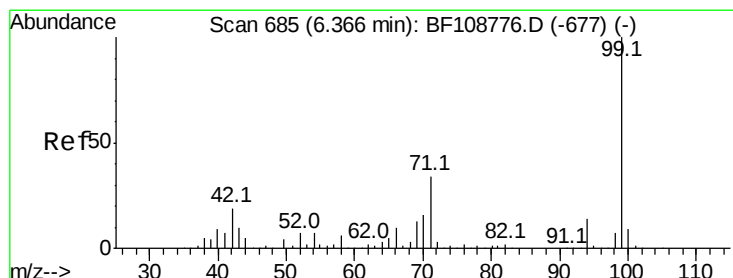
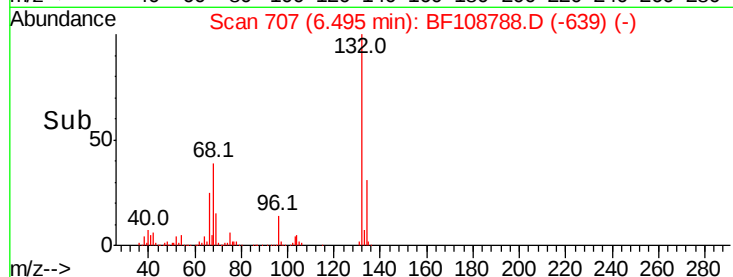
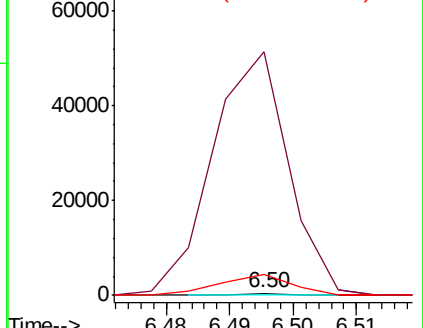
65 1169.4 16.4 24.6#



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: 9.088 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

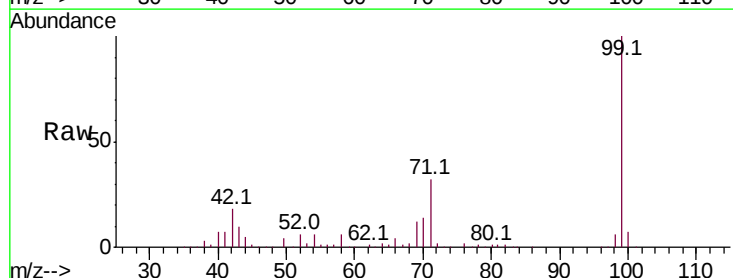
Tgt Ion: 99 Resp: 204965

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

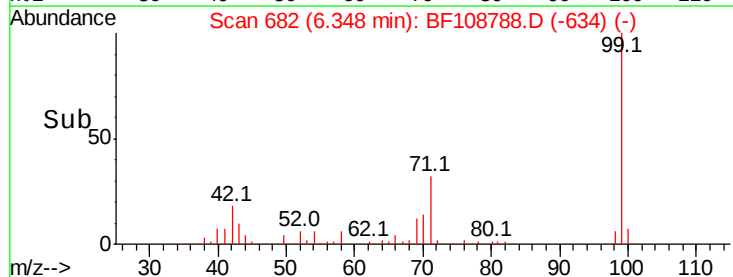
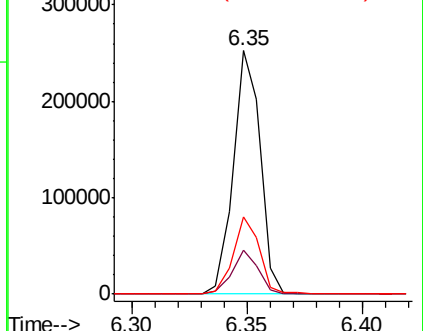
71 31.7 25.4 38.0

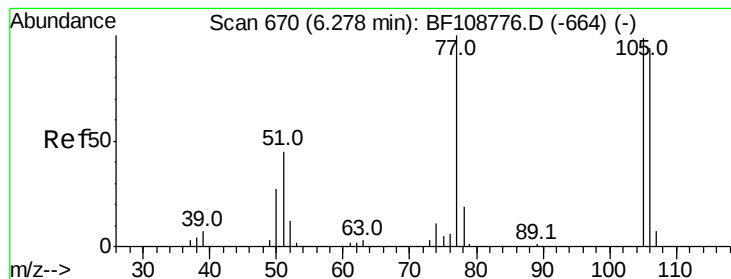


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 0.014 ng

RT: 6.27 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

ClientSampled :

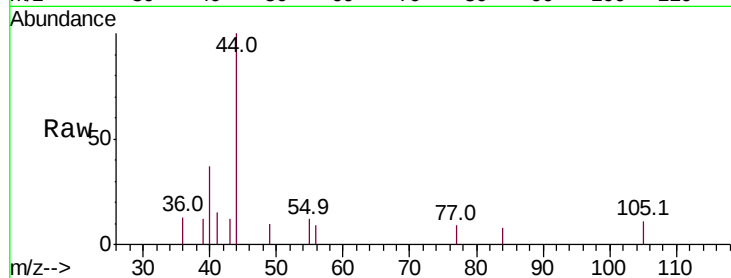
Tot Ion: 77 Resp: 224

Ion Ratio Lower Upper

77 100

105 126.3 81.1 121.1#

106 0.0 74.5 114.5#



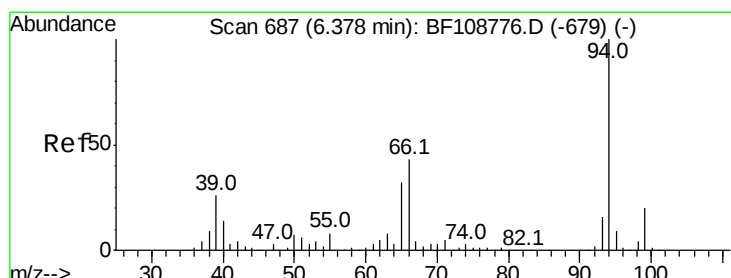
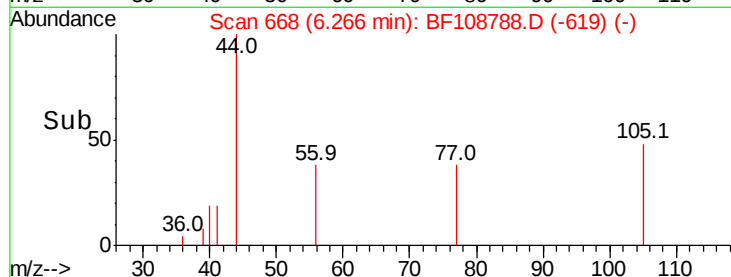
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.27

Time--> 6.24 6.26 6.28



#10

Phenol

Concen: 0.025 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

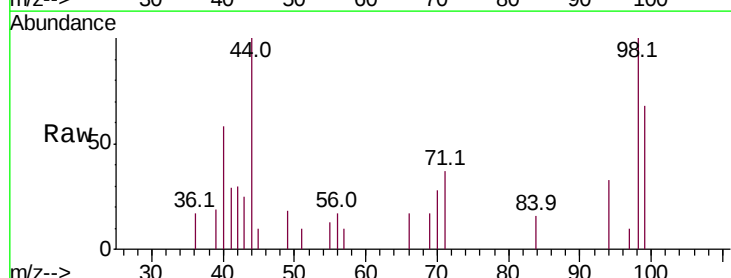
Tgt Ion: 94 Resp: 643

Ion Ratio Lower Upper

94 100

65 0.0 7.9 47.9#

66 52.8 16.2 56.2



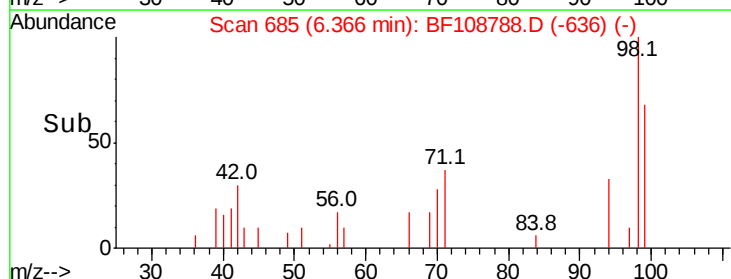
Abundance Ion 94.00 (93.70 to 94.70): BF1

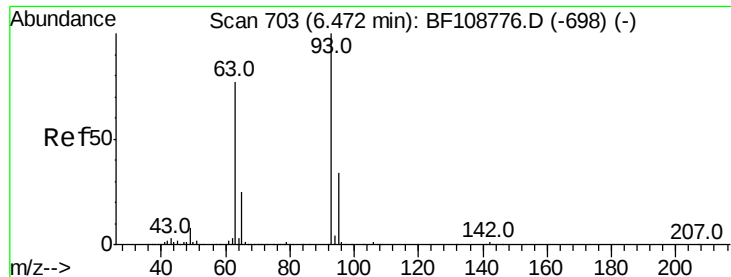
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.37

Time--> 6.34 6.36 6.38

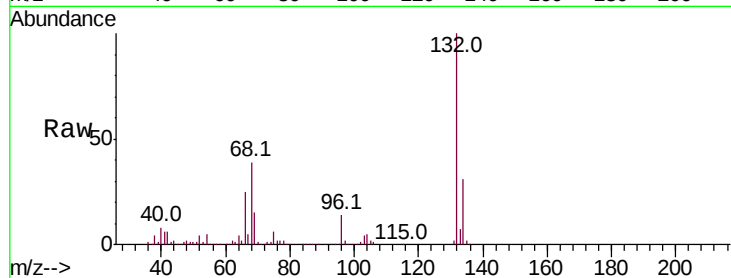




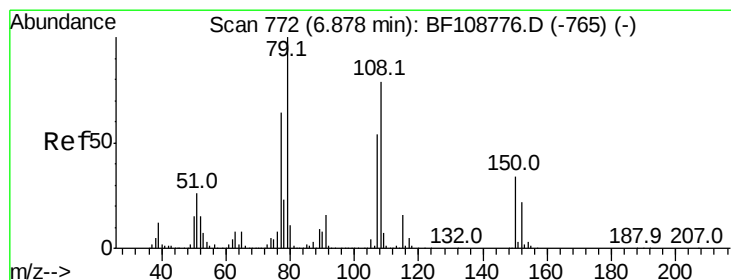
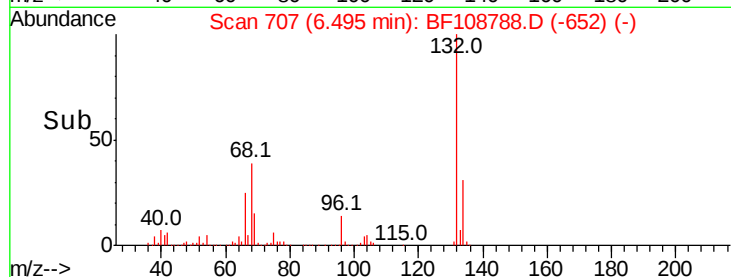
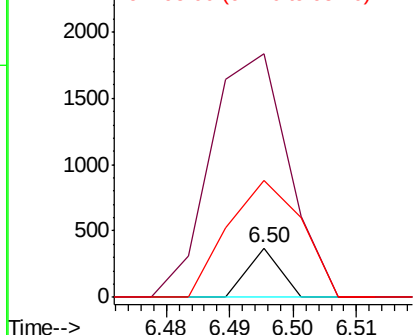
#11
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 6.50 min Scan# 707
Delta R.T. 0.02 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 131
Ion Ratio Lower Upper
93 100
63 493.0 58.6 98.6#
95 237.9 11.8 51.8#

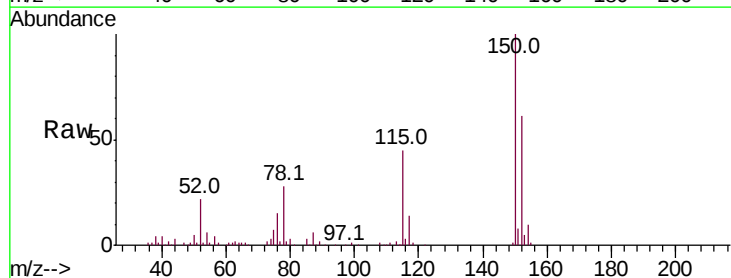


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

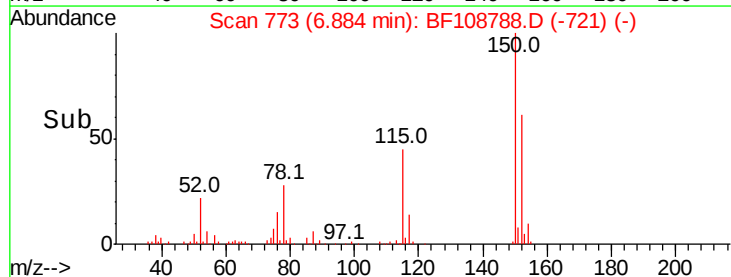
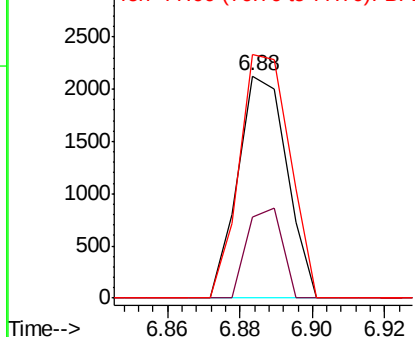


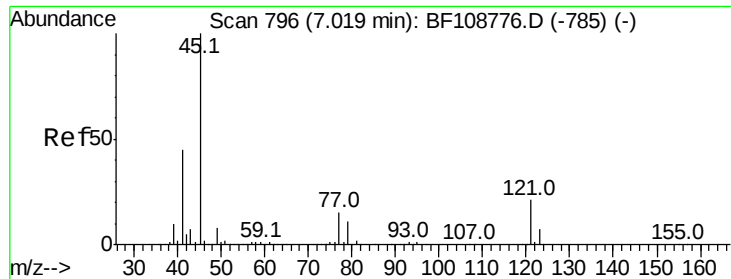
#15
Benzyl Alcohol
Concen: 0.115 ng
RT: 6.88 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion: 79 Resp: 1994
Ion Ratio Lower Upper
79 100
108 36.4 65.1 97.7#
77 109.6 50.6 75.8#



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

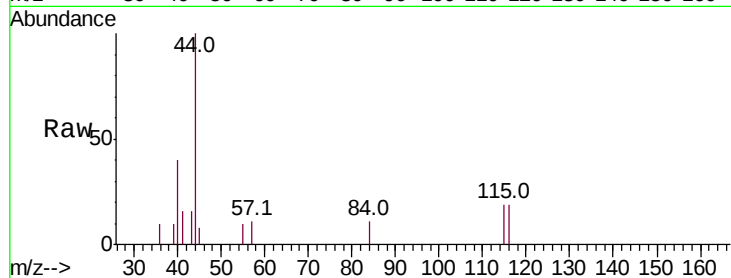




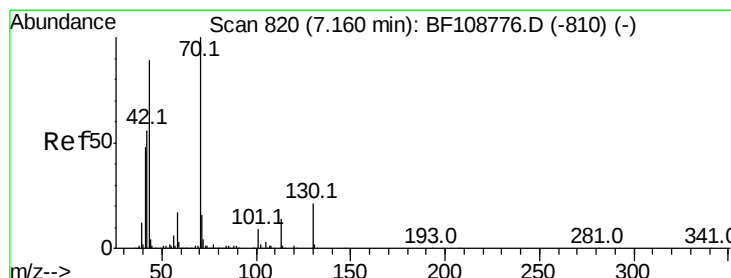
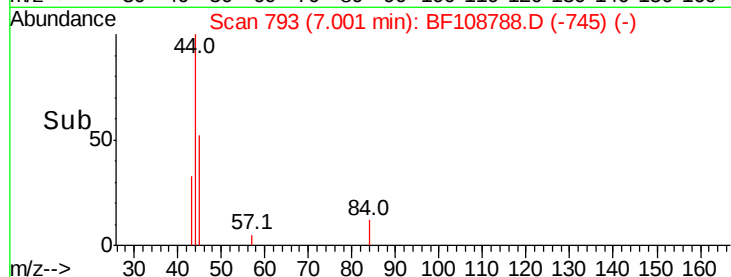
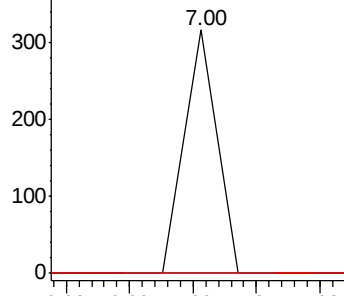
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.004 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 45 Resp: 112
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6

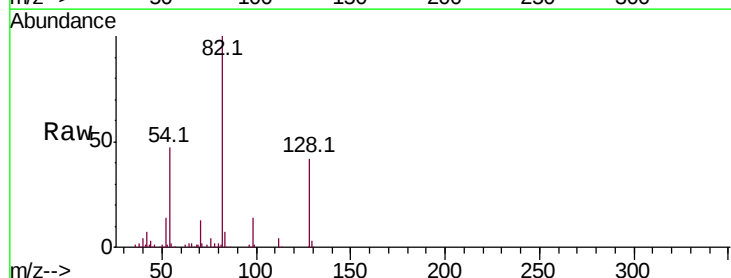


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

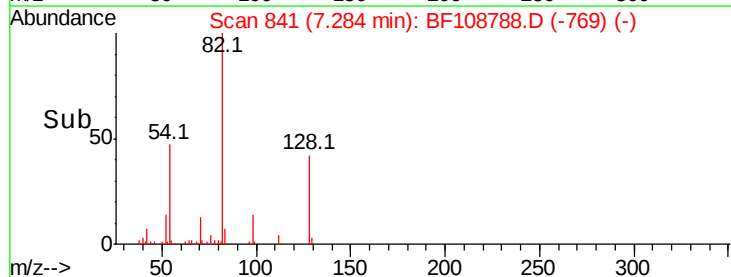
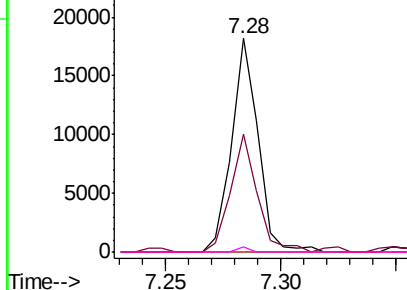


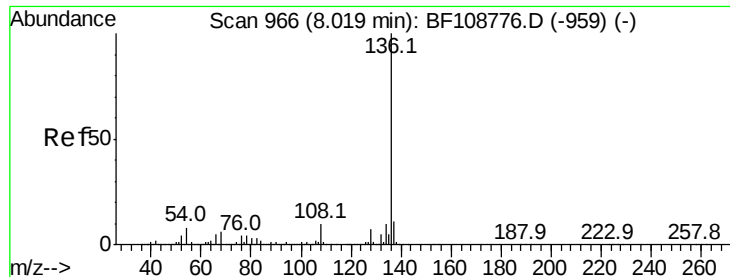
#19
n-Nitroso-di-n-propylamine
Concen: 0.927 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.12 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion: 70 Resp: 14536
Ion Ratio Lower Upper
70 100
42 54.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.7 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: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1089366

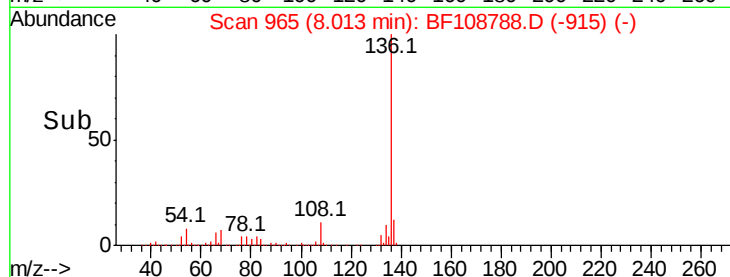
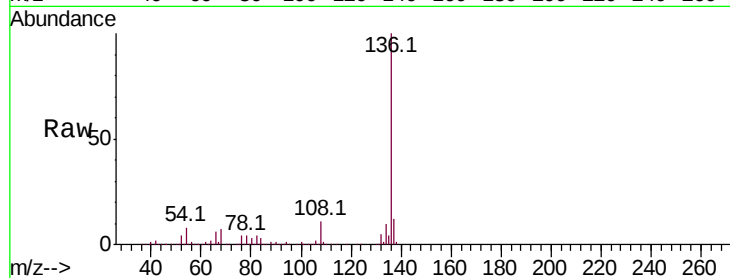
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 8.3 6.6 9.8

68 7.3 5.0 7.4

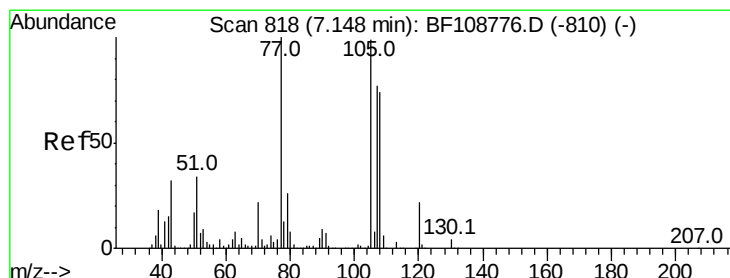
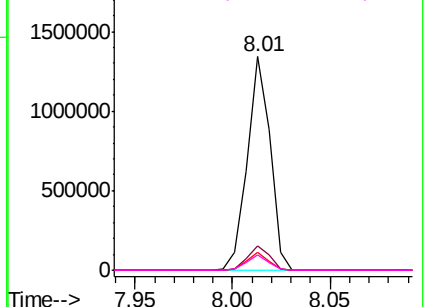


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 0.031 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Tgt Ion:105 Resp: 757

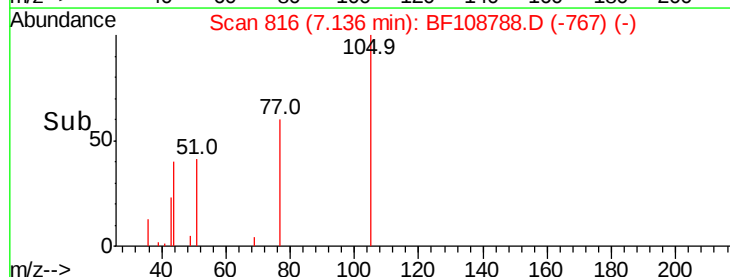
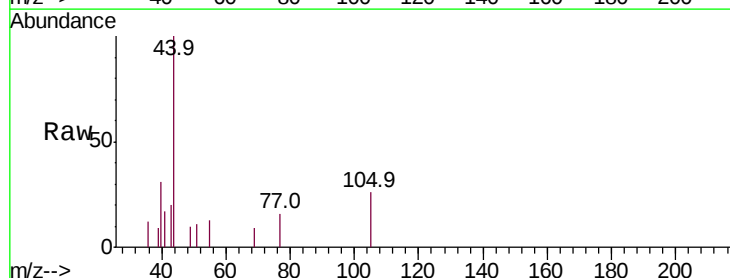
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 40.8 22.3 33.5#

120 0.0 16.9 25.3#

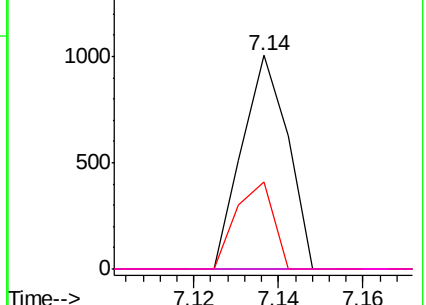


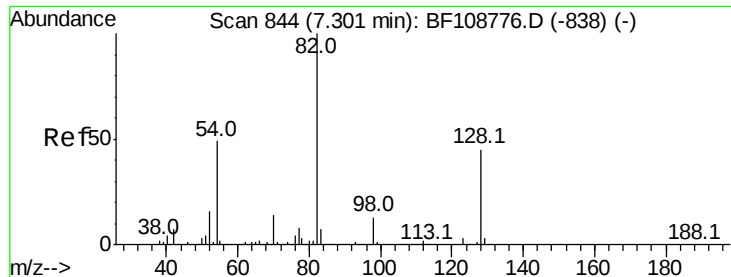
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

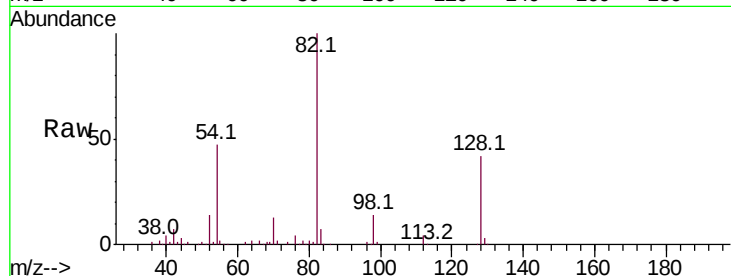




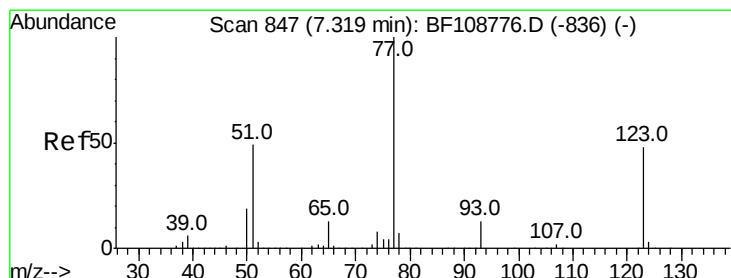
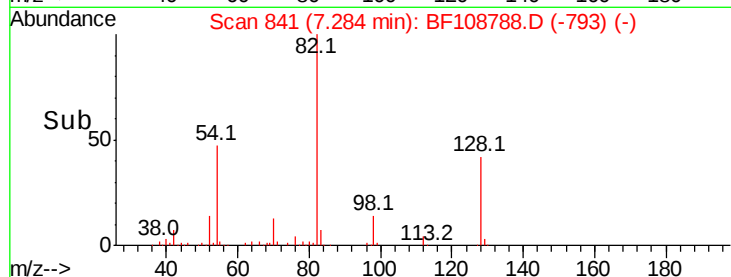
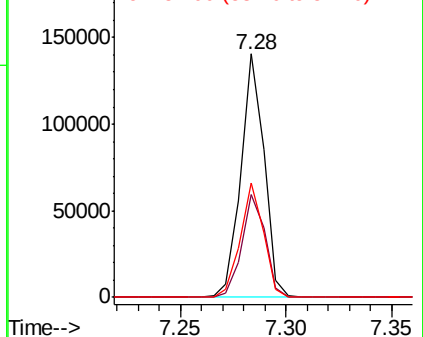
#23
Nitrobenzene-d5
Concen: 6.094 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 106076
Ion Ratio Lower Upper
82 100
128 42.0 36.1 54.1
54 47.0 41.4 62.2

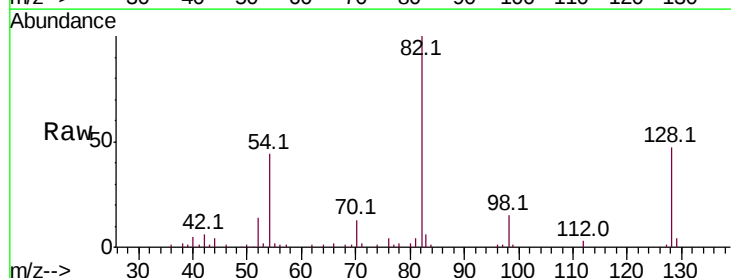


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

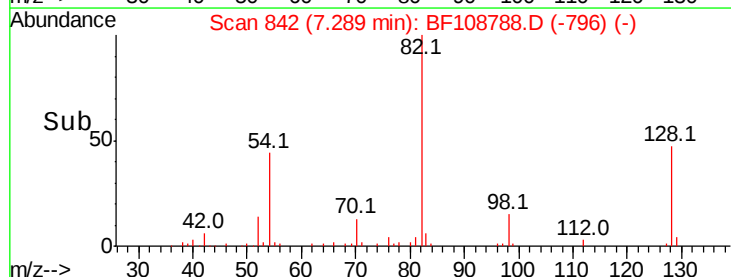
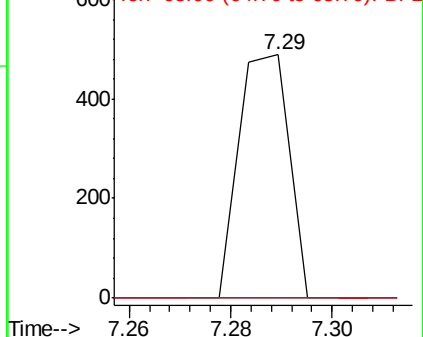


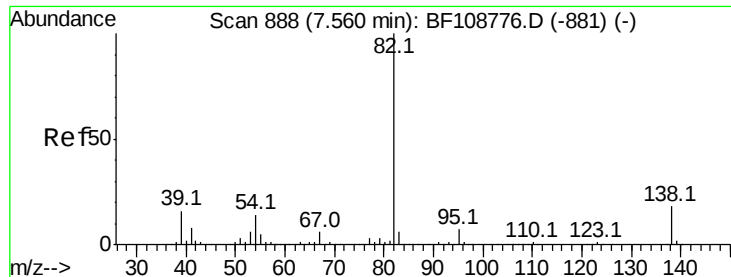
#24
Nitrobenzene
Concen: 0.018 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion: 77 Resp: 340
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: 3.046 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.28 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

ClientSampleId :

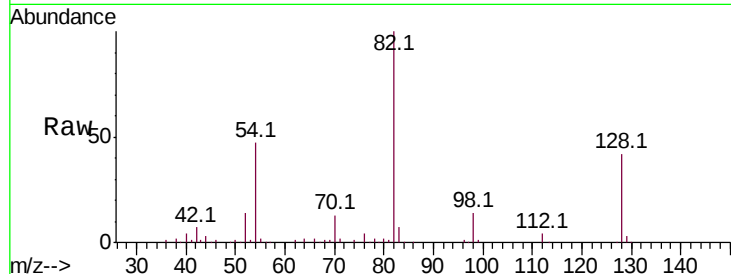
Tot Ion: 82 Resp: 105752

Ion Ratio Lower Upper

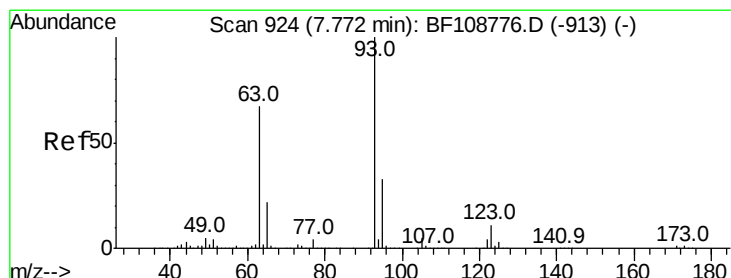
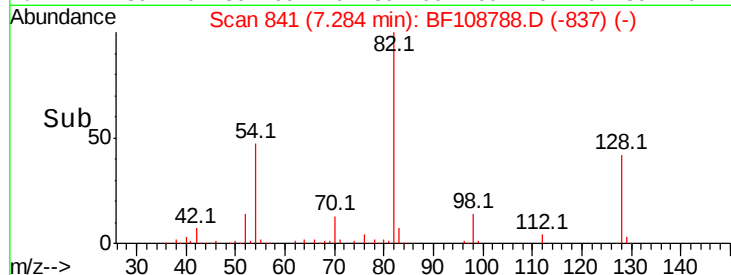
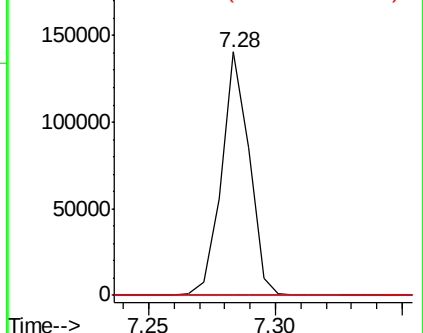
82 100

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): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.014 ng

RT: 8.01 min Scan# 965

Delta R.T. 0.24 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

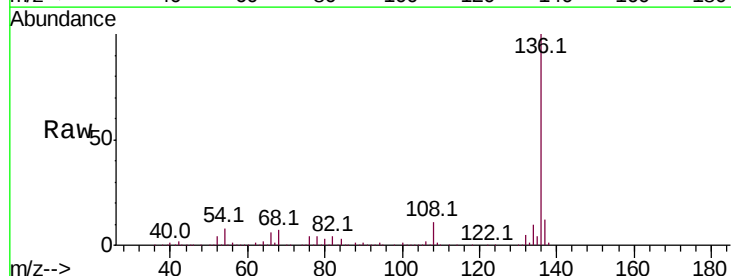
Tgt Ion: 93 Resp: 317

Ion Ratio Lower Upper

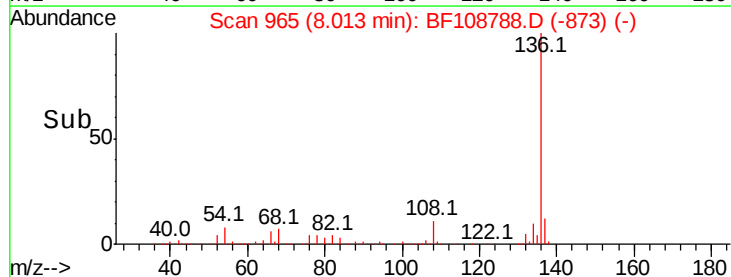
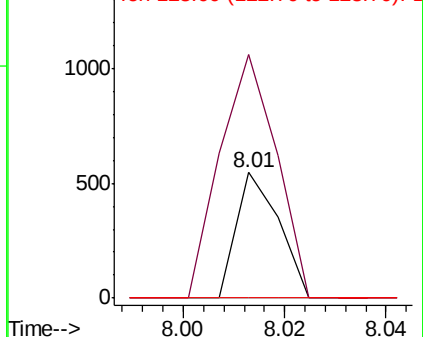
93 100

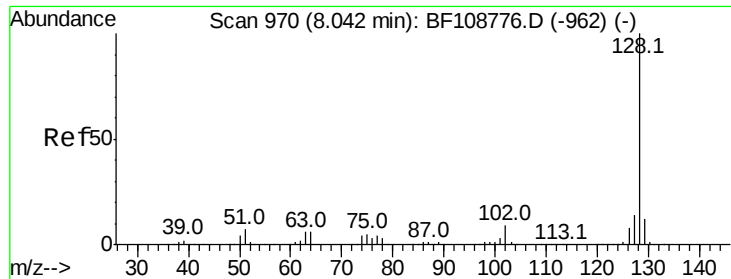
95 194.3 26.3 39.5#

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): E

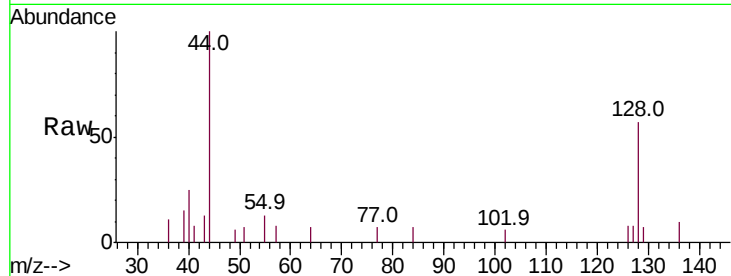




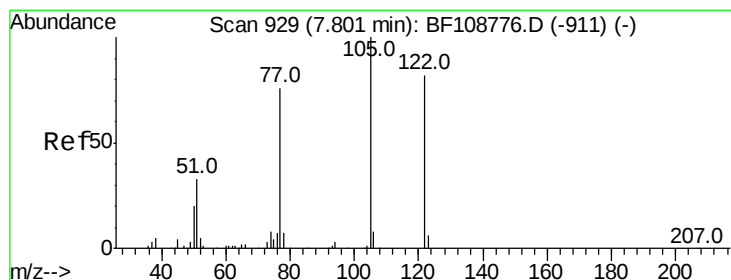
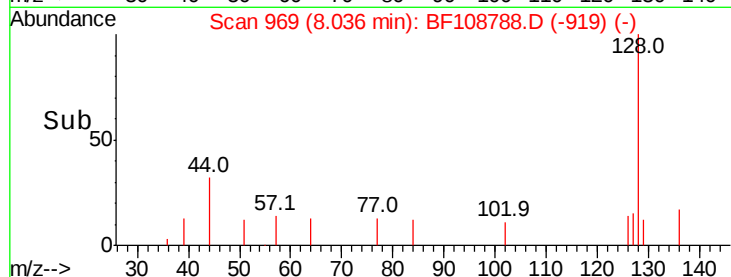
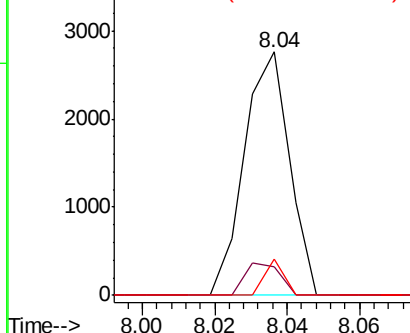
#31
Naphthalene
Concen: 0.048 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2375
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.8 10.9 16.3

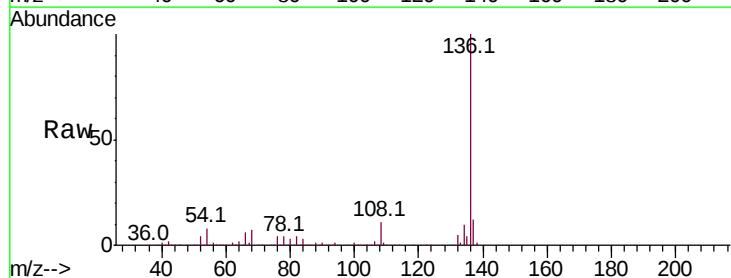


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

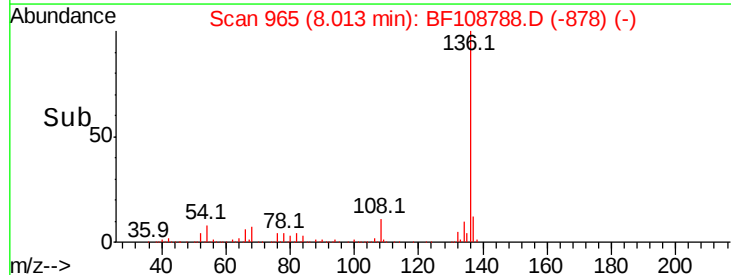
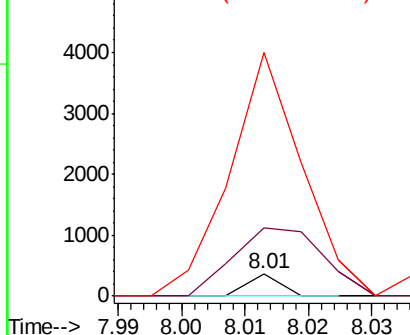


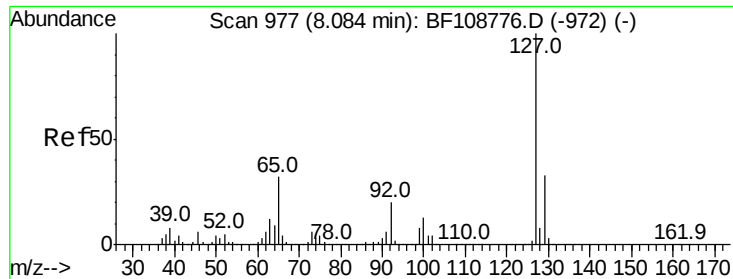
#32
Benzoic acid
Concen: 4.031 ng
RT: 8.01 min Scan# 965
Delta R.T. 0.21 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion:122 Resp: 131
Ion Ratio Lower Upper
122 100
105 300.3 101.1 141.1#
77 1074.7 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

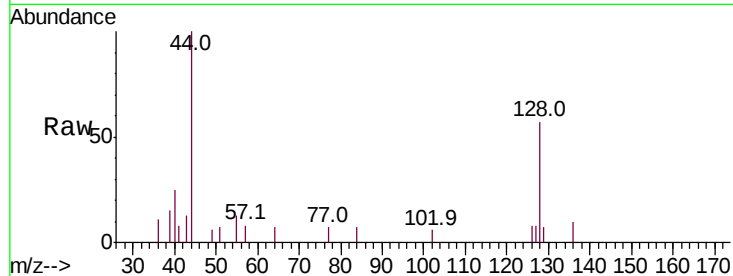




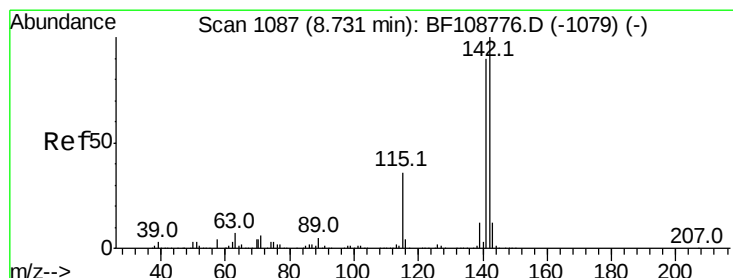
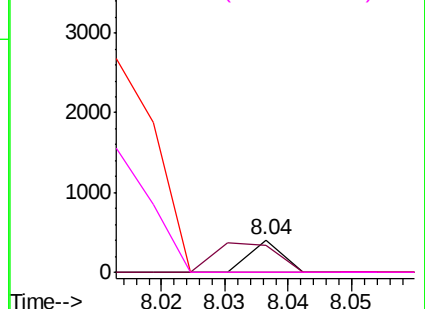
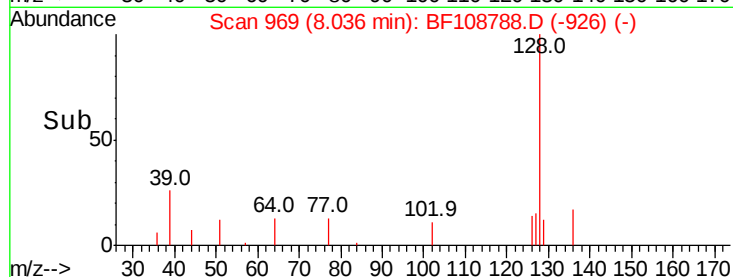
#33
4-Chloroaniline
Concen: 0.006 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	144
Ion	Ratio	Lower	Upper
127	100		
129	80.9	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

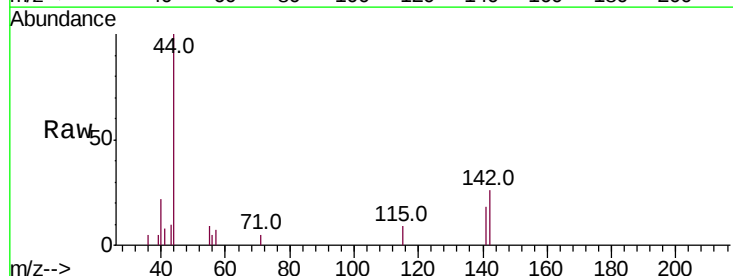


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

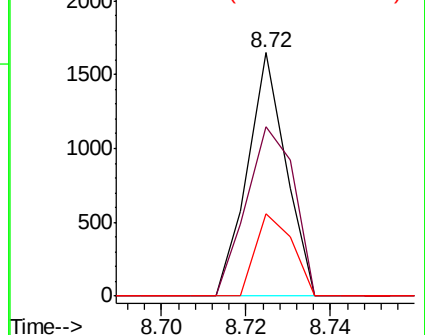
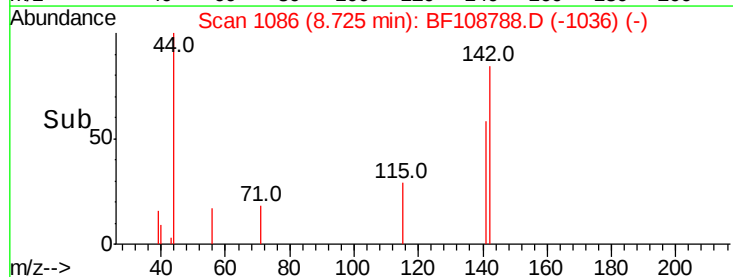


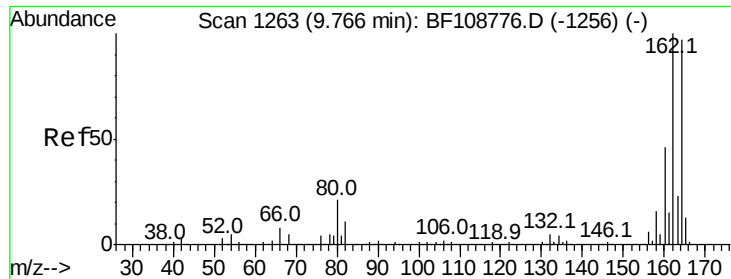
#37
2-Methylnaphthalene
Concen: 0.032 ng
RT: 8.72 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion:	142	Resp:	1045
Ion	Ratio	Lower	Upper
142	100		
141	69.4	70.8	106.2#
115	33.9	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

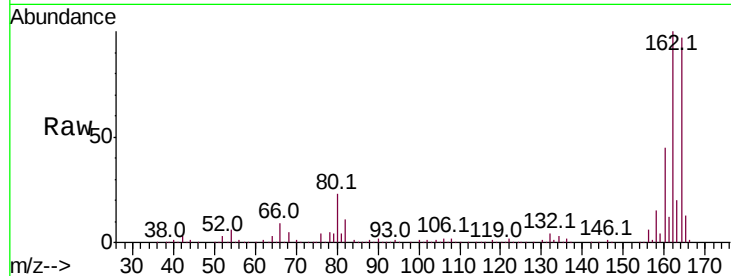




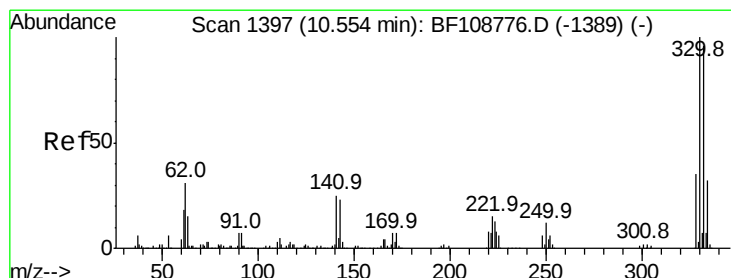
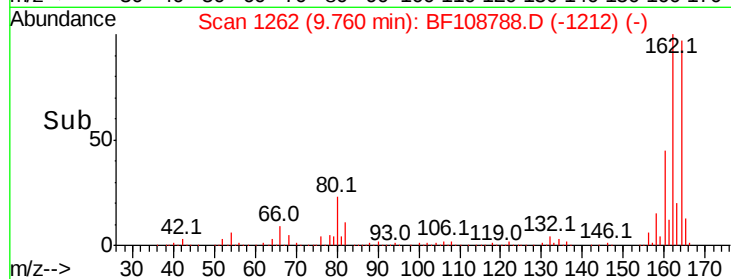
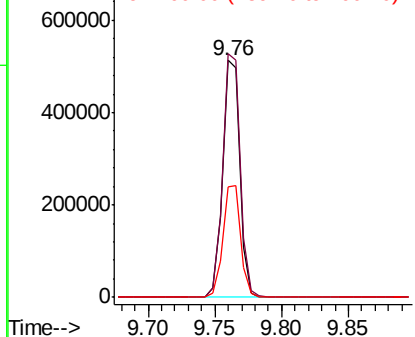
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.4	38.3	57.5

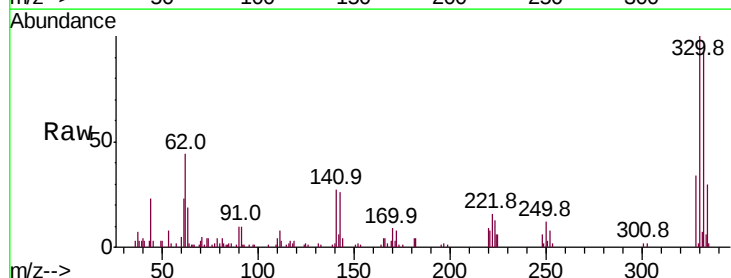


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

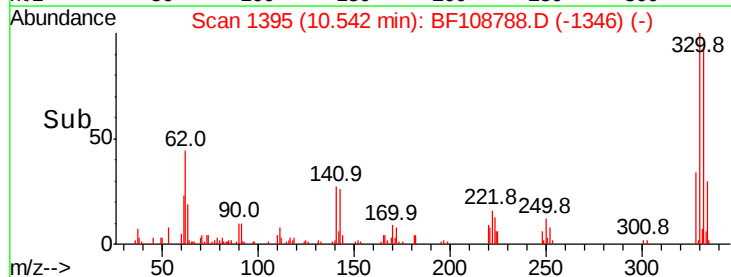
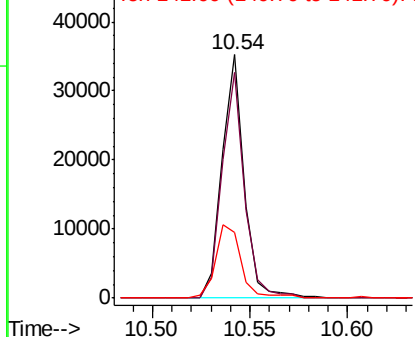


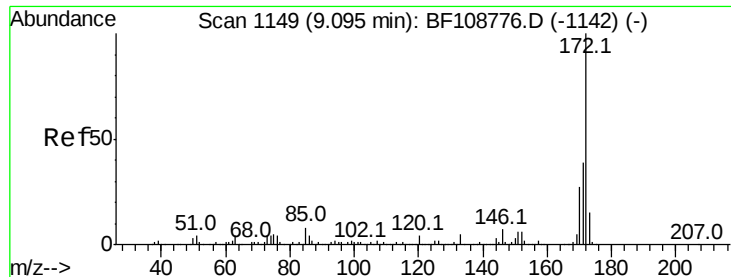
#41
2,4,6-Tribromophenol
Concen: 6.211 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.9	77.0	115.6
141	35.0	29.9	44.9



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

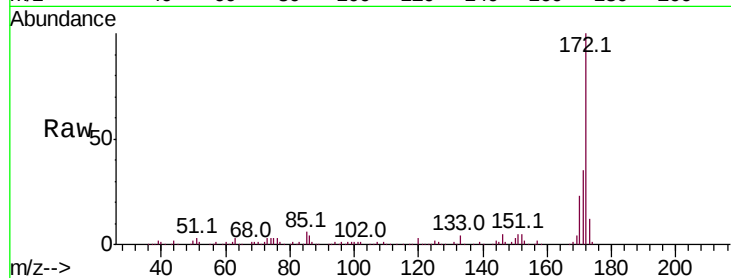




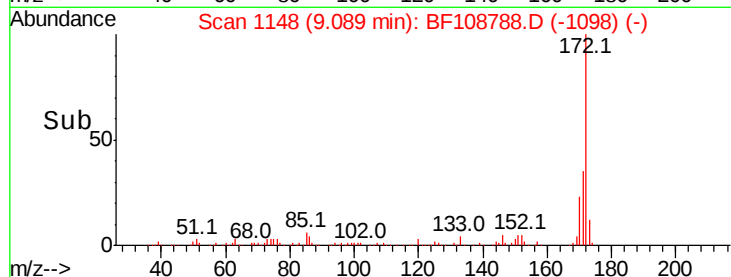
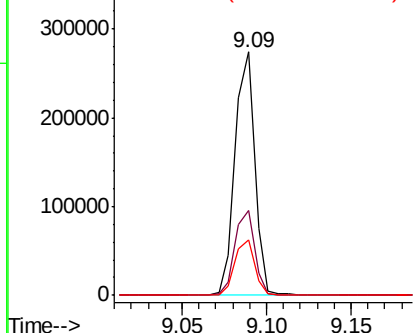
#44
2-Fluorobiphenyl
Concen: 8.127 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 223321
Ion Ratio Lower Upper
172 100
171 34.9 29.7 44.5
170 22.7 19.6 29.4

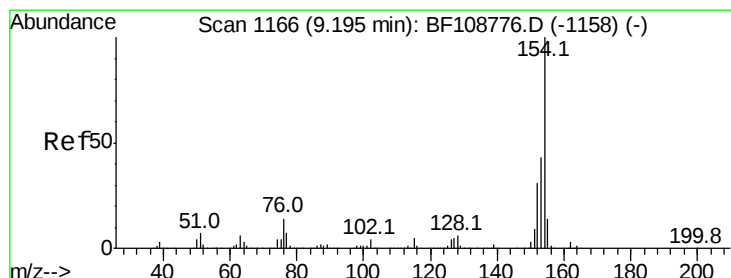


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

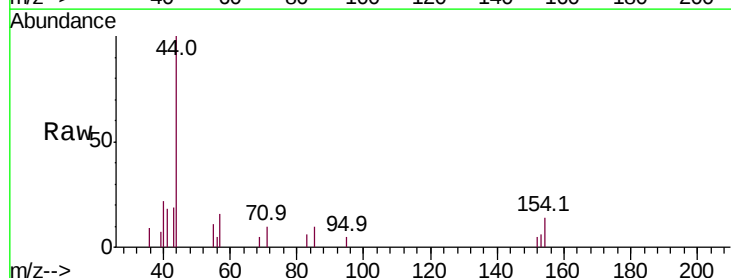
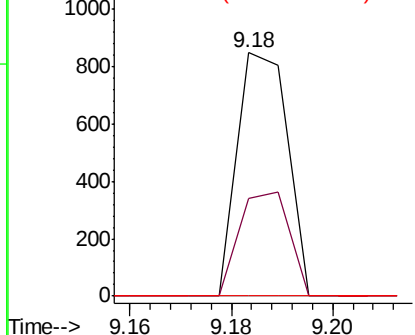


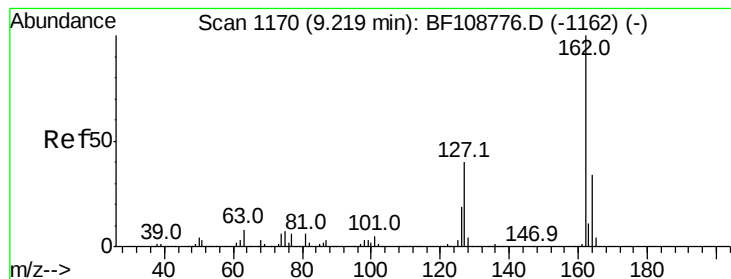
#45
1,1'-Biphenyl
Concen: 0.016 ng
RT: 9.18 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion:154 Resp: 584
Ion Ratio Lower Upper
154 100
153 40.3 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





#46

2-Chloronaphthalene

Concen: 0.012 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.26 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

ClientSampleId :

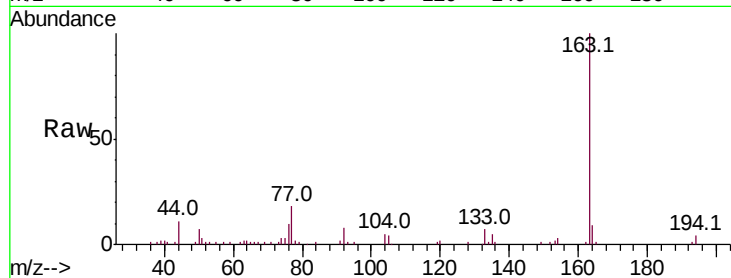
Tot Ion:162 Resp: 346

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

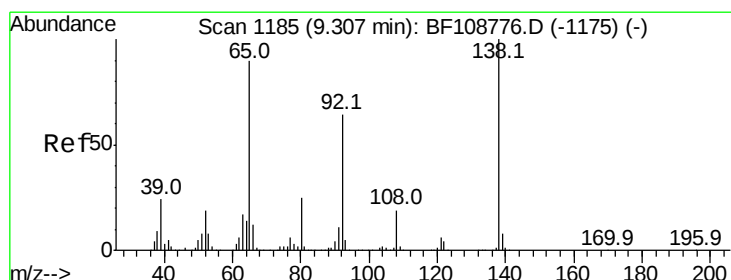
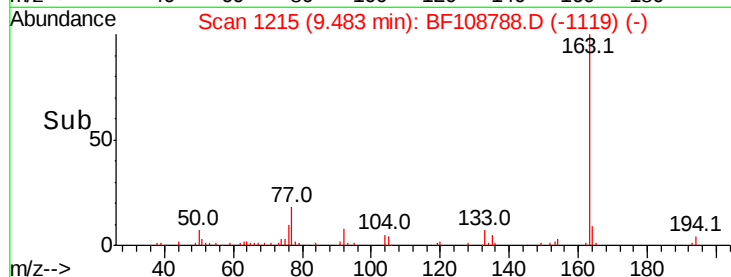
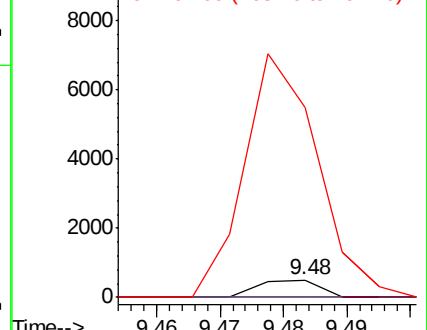
164 1091.7 26.5 39.7#



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



#47

2-Nitroaniline

Concen: 0.022 ng

RT: 9.21 min Scan# 1169

Delta R.T. -0.09 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

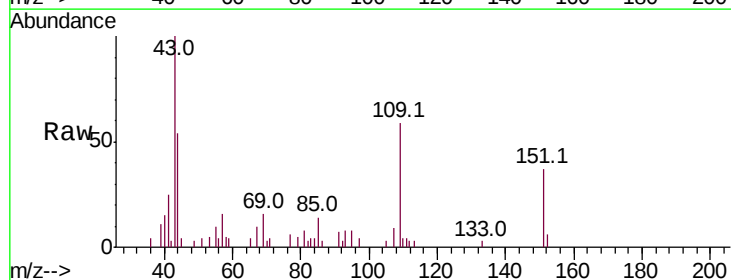
Tgt Ion: 65 Resp: 172

Ion Ratio Lower Upper

65 100

92 62.6 55.8 83.6

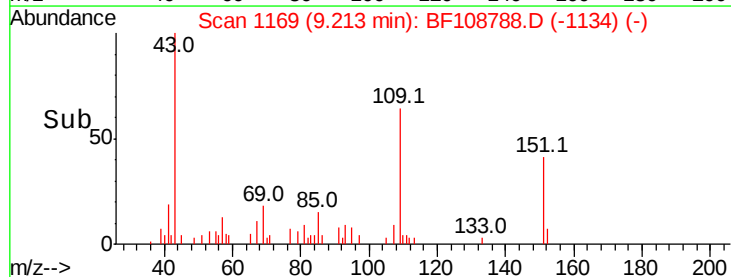
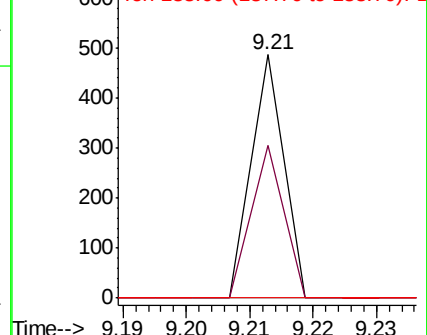
138 0.0 91.2 136.8#

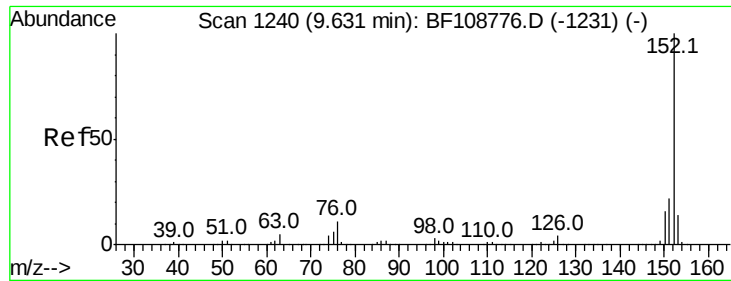


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.279 ng

RT: 9.62 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

ClientSampleId :

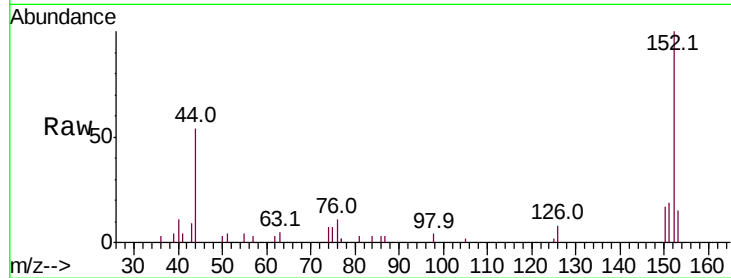
Tot Ion:152 Resp: 12156

Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5

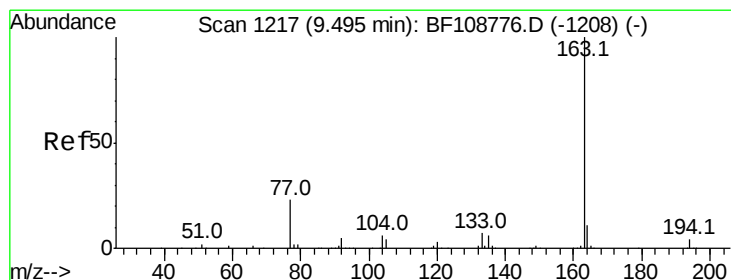
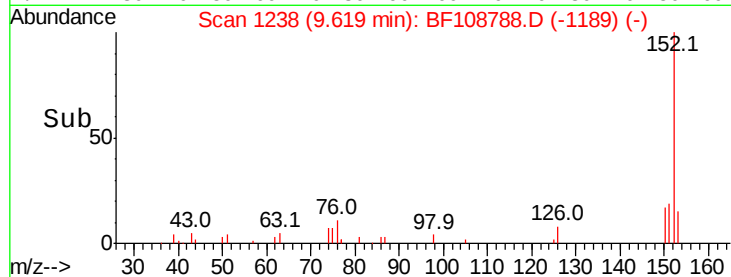
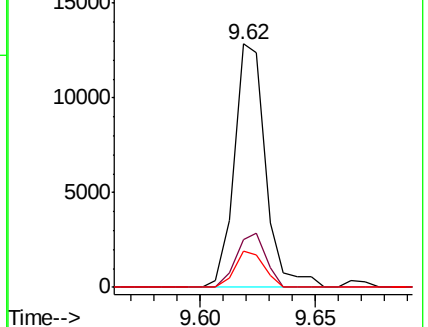
153 14.9 10.7 16.1



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: 1.780 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

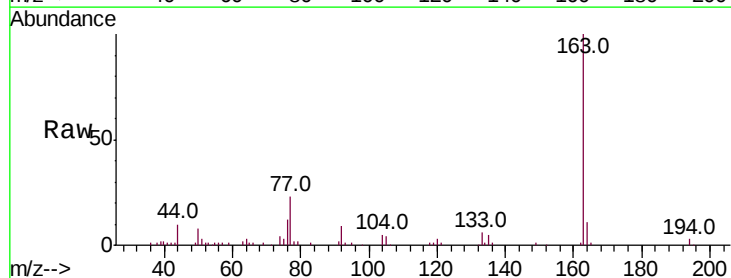
Tgt Ion:163 Resp: 58382

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

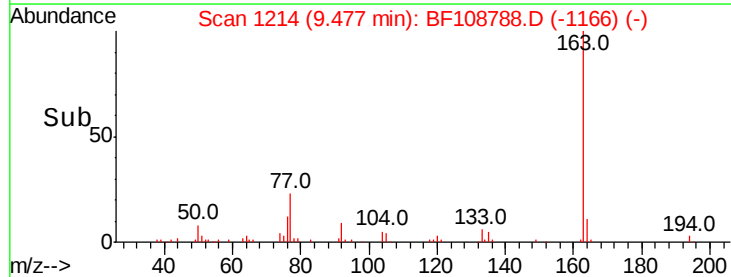
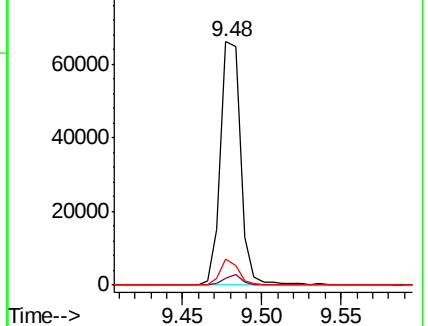
164 10.6 8.2 12.2

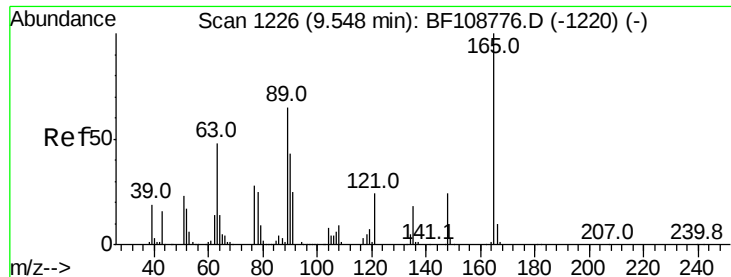


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

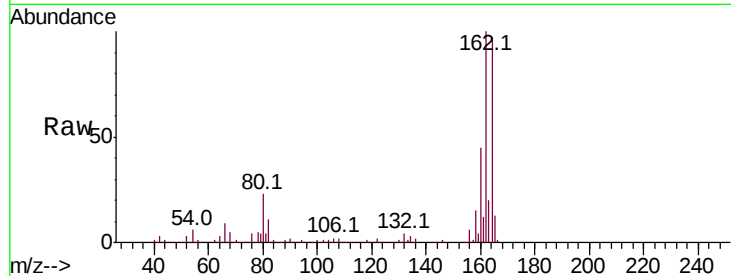




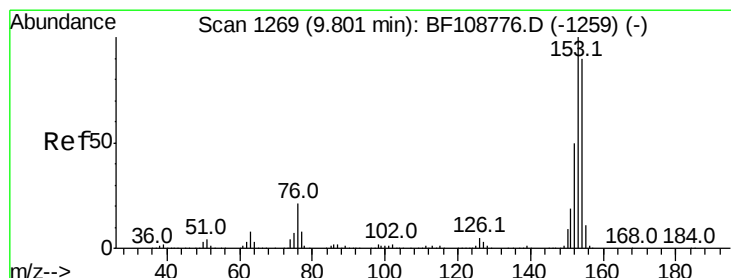
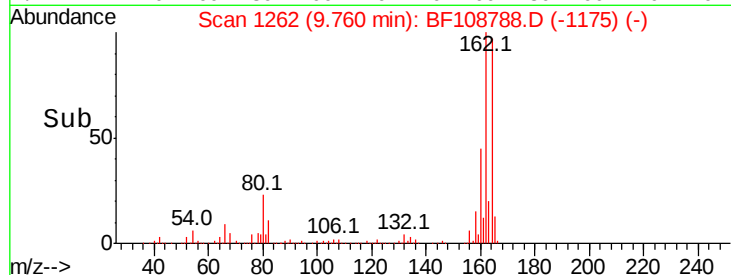
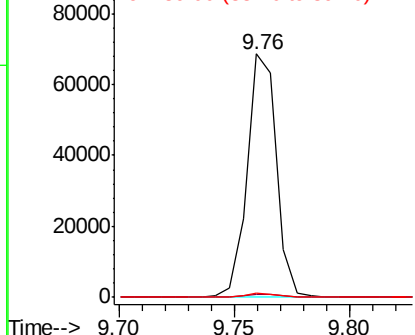
#50
 2,6-Dinitrotoluene
 Concen: 9.729 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. 0.21 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 60786
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.5 44.0 66.0#

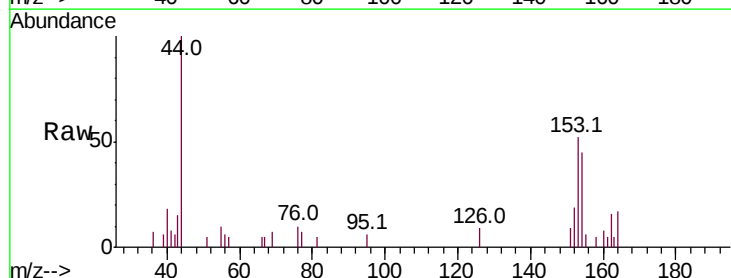


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

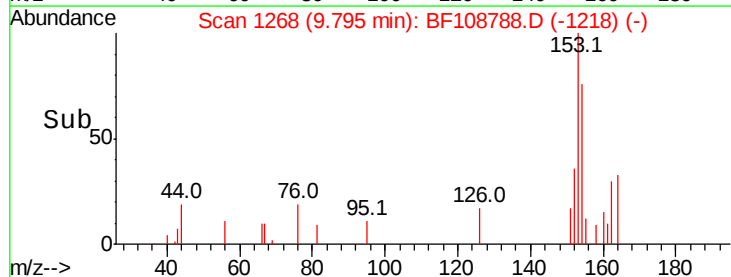
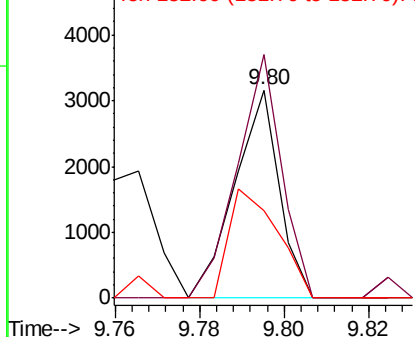


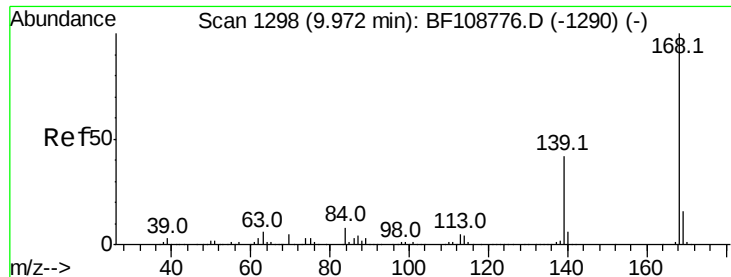
#51
 Acenaphthene
 Concen: 0.086 ng
 RT: 9.80 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Tgt Ion:154 Resp: 2324
 Ion Ratio Lower Upper
 154 100
 153 116.9 91.2 136.8
 152 42.0 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

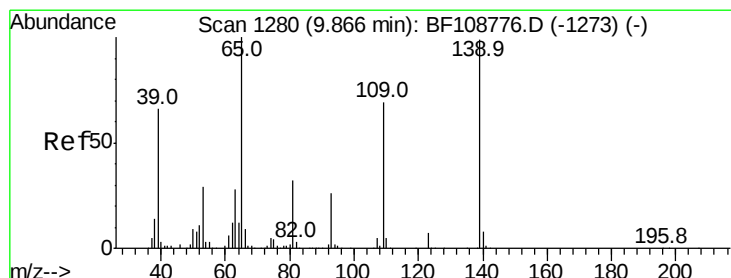
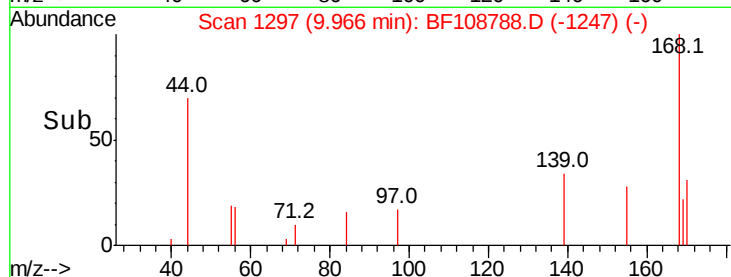
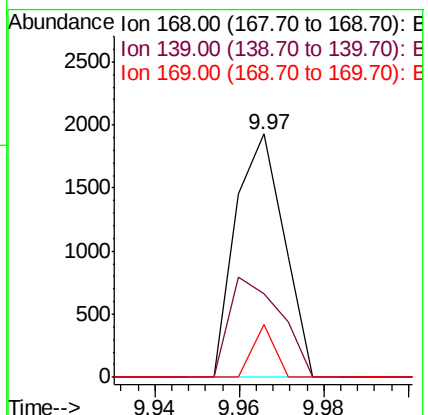
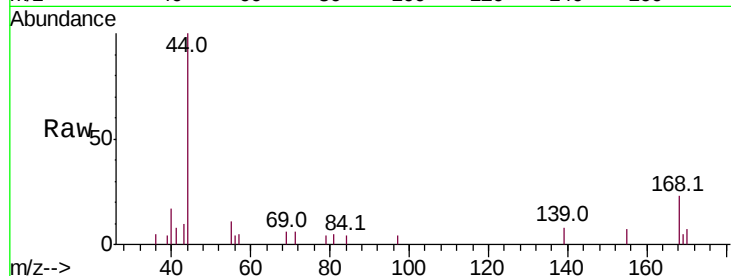




#54
Dibenzofuran
Concen: 0.039 ng
RT: 9.97 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

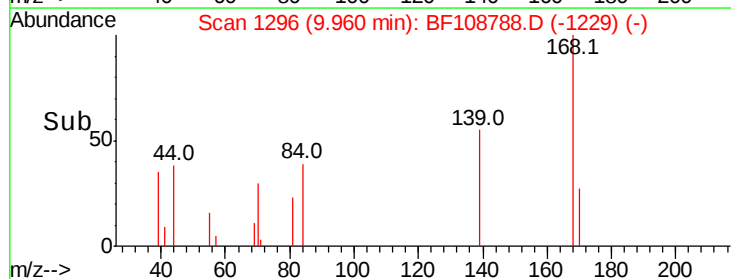
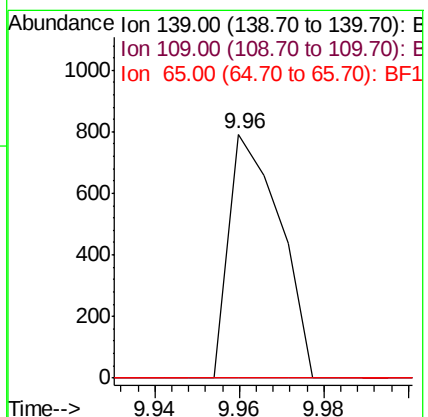
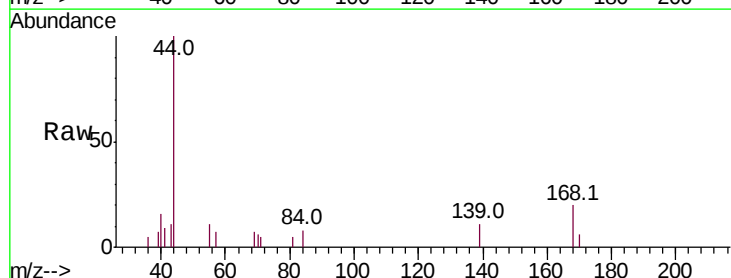
Instrument :
BNA_F
ClientSampleId :

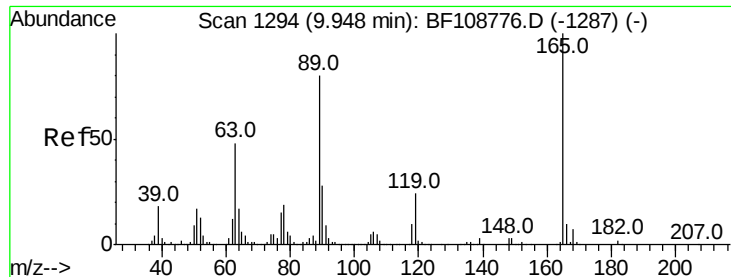
Tot Ion:168 Resp: 1528
Ion Ratio Lower Upper
168 100
139 34.2 30.1 45.1
169 21.6 10.9 16.3#



#55
4-Nitrophenol
Concen: 0.120 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.09 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion:139 Resp: 666
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

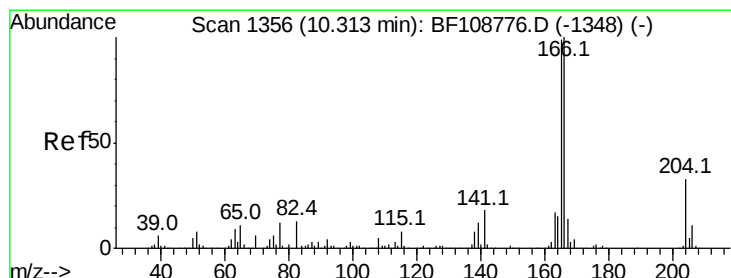
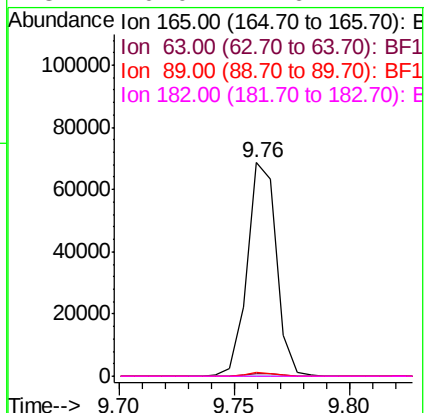
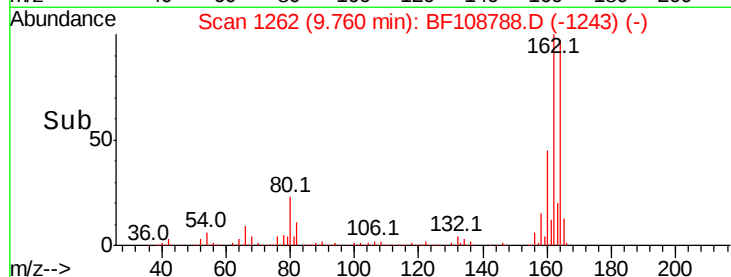
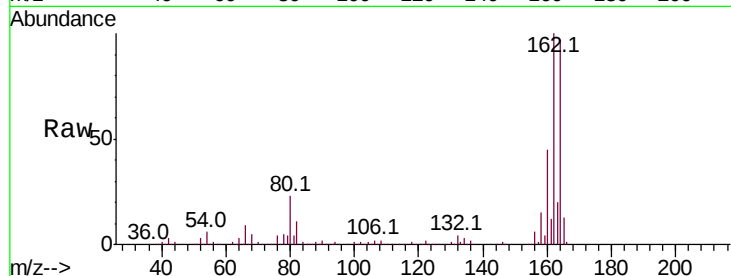




#56
 2,4-Dinitrotoluene
 Concen: 7.607 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.19 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

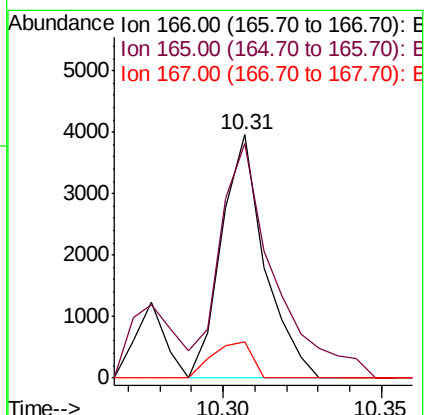
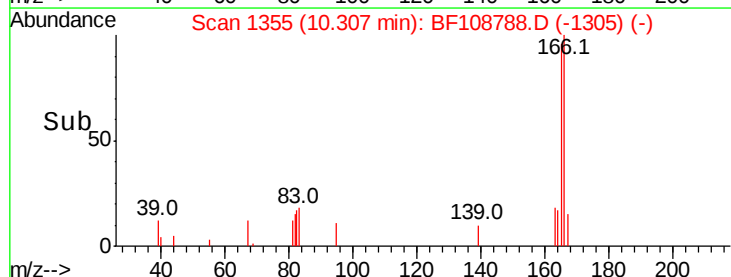
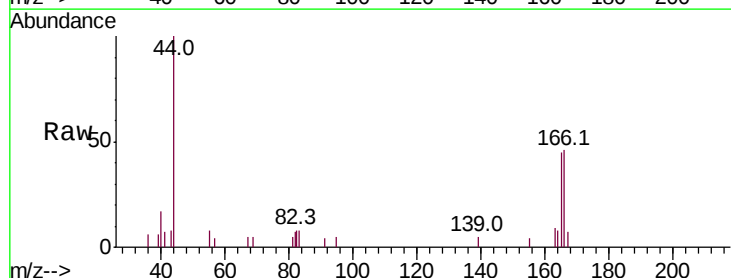
Instrument :
 BNA_F
 ClientSampleID :

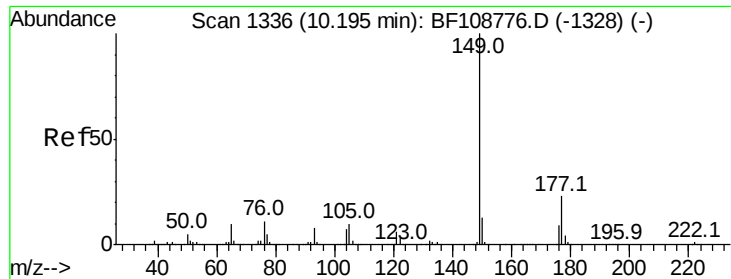
Tot Ion:	165	Resp:	60786
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#57
 Fluorene
 Concen: 0.148 ng
 RT: 10.31 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Tgt Ion:	166	Resp:	3718
Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.8	119.8
167	14.8	10.6	16.0

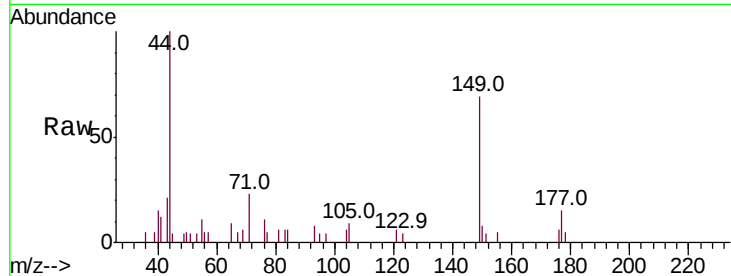




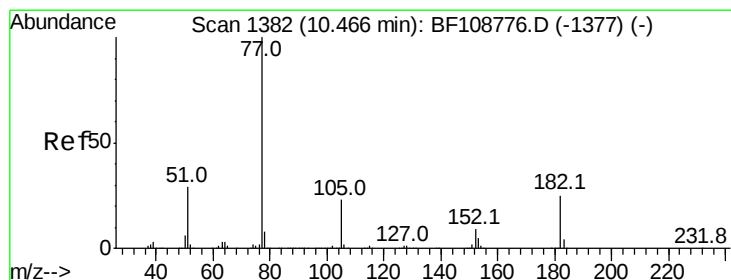
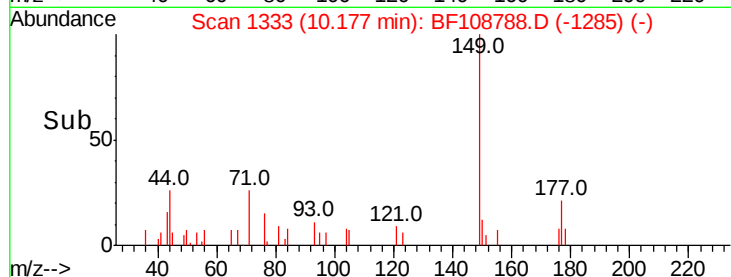
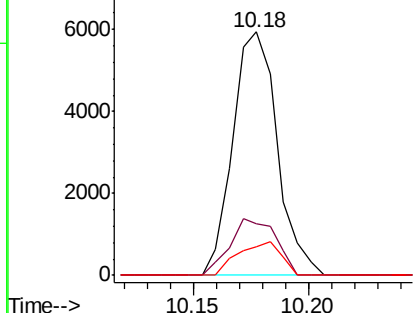
#59
Diethylphthalate
Concen: 0.235 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 7968
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 11.7 10.1 15.1

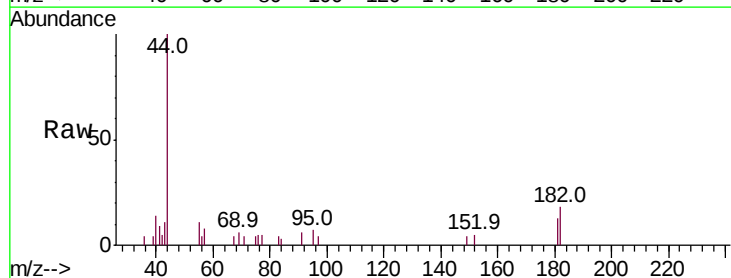


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

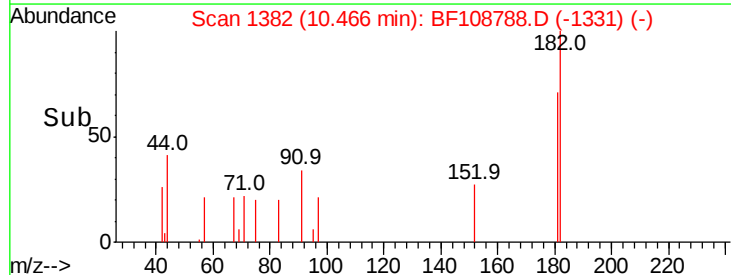
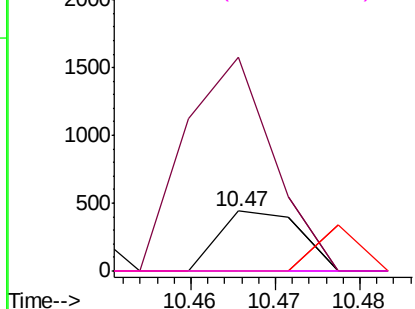


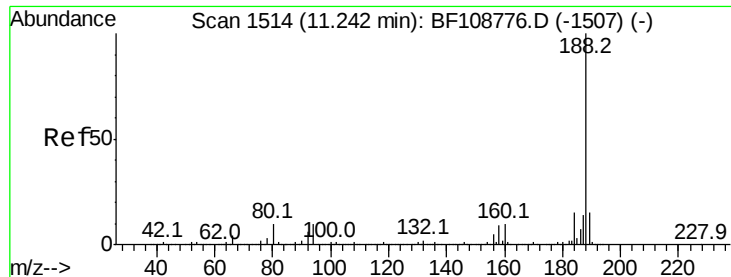
#62
Azobenzene
Concen: 0.008 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion: 77 Resp: 295
Ion Ratio Lower Upper
77 100
182 355.5 1.7 41.7#
105 0.0 3.0 43.0#
51 0.0 9.9 49.9#



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

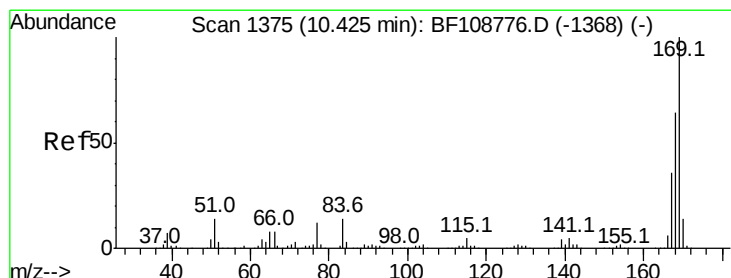
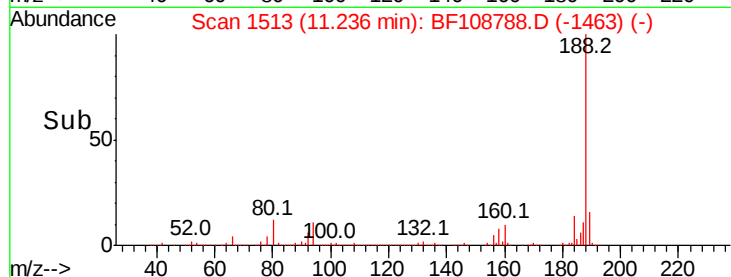
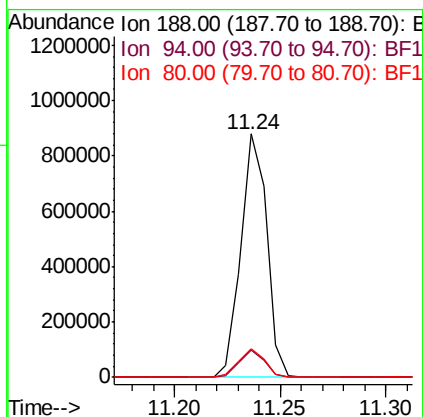
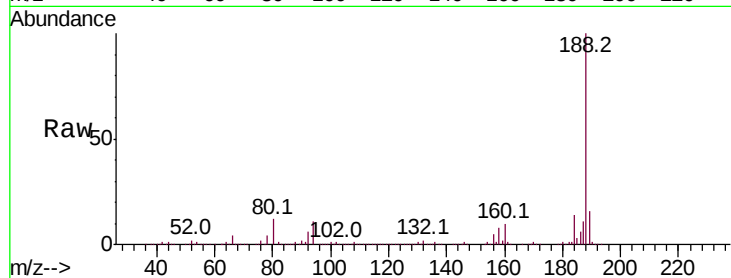




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

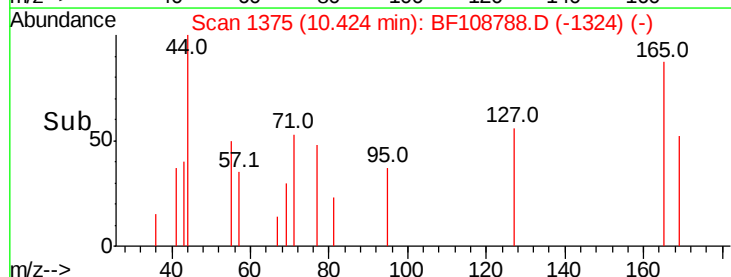
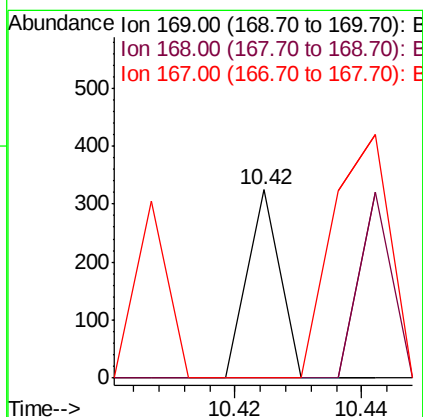
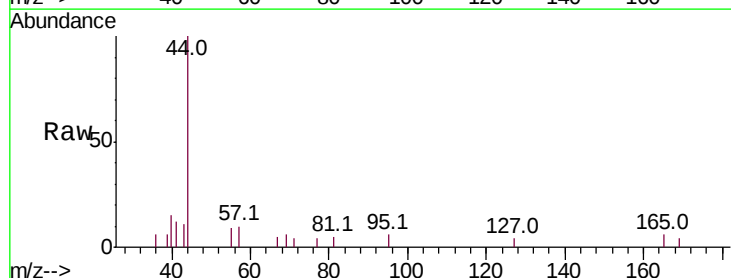
Instrument :
 BNA_F
 ClientSampled :

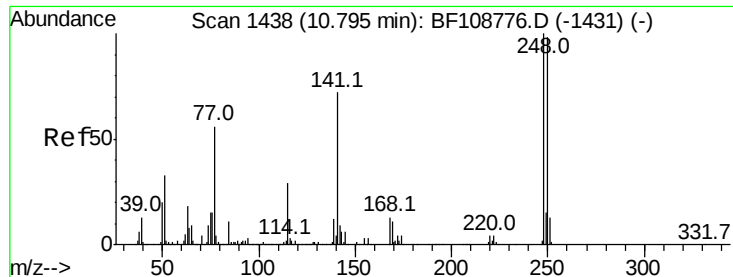
Tot Ion:188 Resp: 746000
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 11.7 9.2 13.8



#65
 n-Nitrosodiphenylamine
 Concen: 0.005 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Tgt Ion:169 Resp: 115
 Ion Ratio Lower Upper
 169 100
 168 0.0 54.4 81.6#
 167 0.0 29.8 44.6#

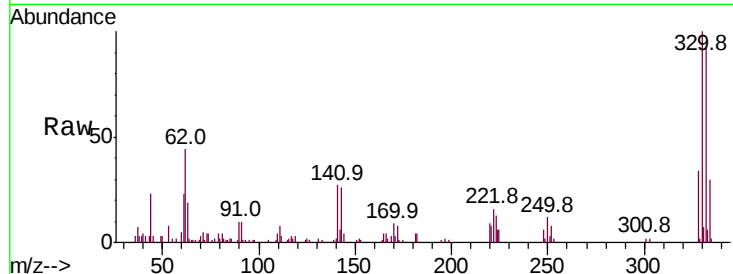




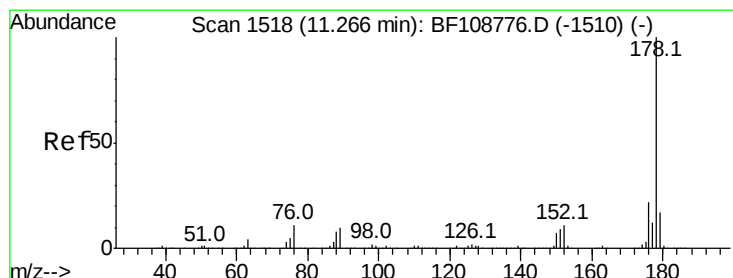
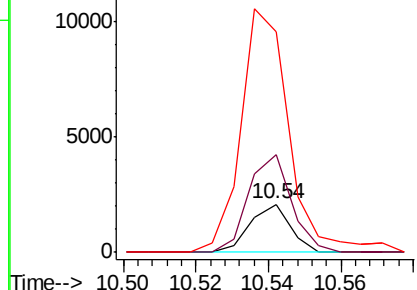
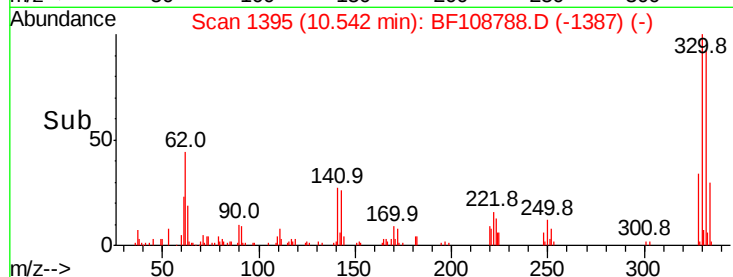
#66
 4-Bromophenyl-phenylether
 Concen: 0.190 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.25 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 1597
 Ion Ratio Lower Upper
 248 100
 250 155.8 76.9 115.3#
 141 349.6 74.4 111.6#

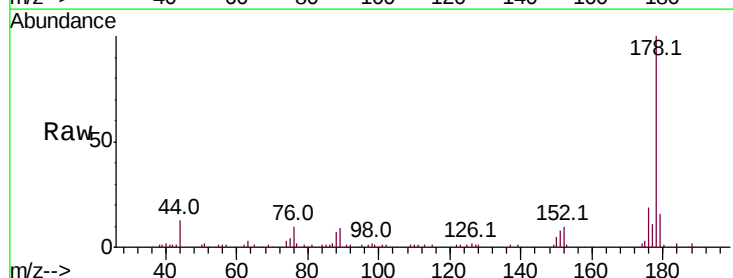


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

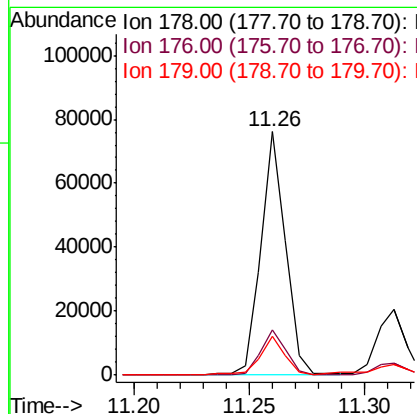
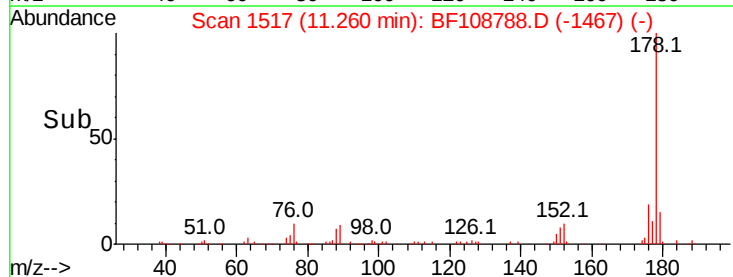


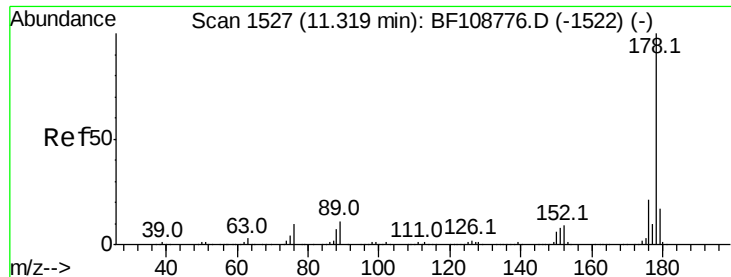
#70
 Phenanthrene
 Concen: 1.606 ng
 RT: 11.26 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Tgt Ion:178 Resp: 57203
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.9 13.0 19.6



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

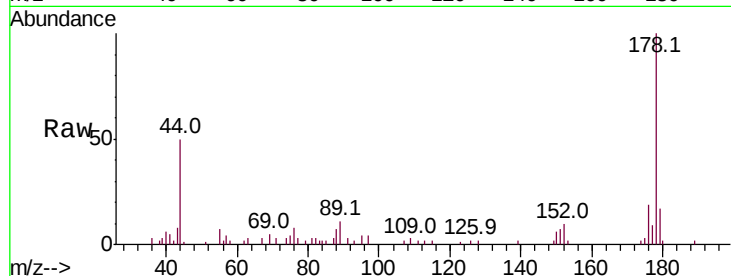




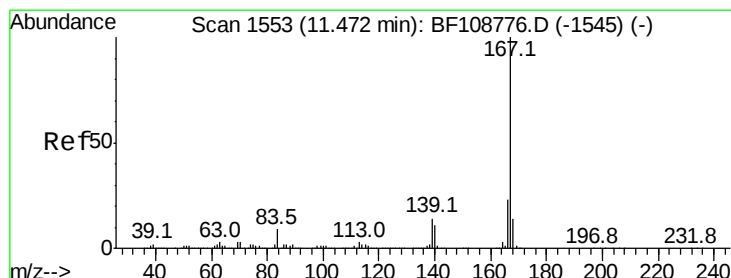
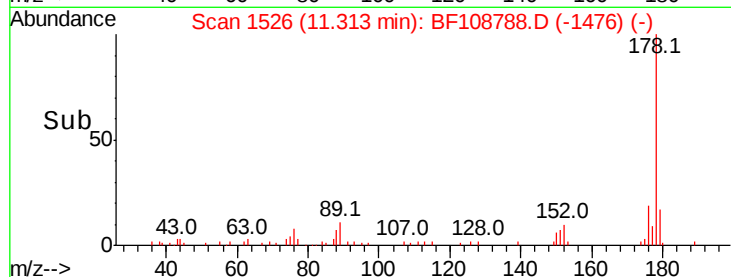
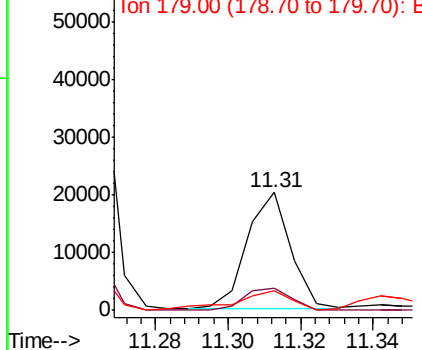
#71
 Anthracene
 Concen: 0.496 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 16904
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 16.7 12.6 19.0

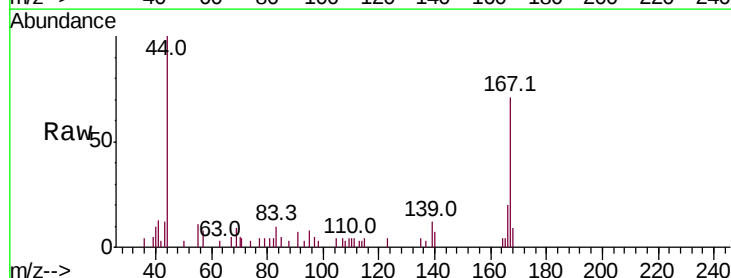


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

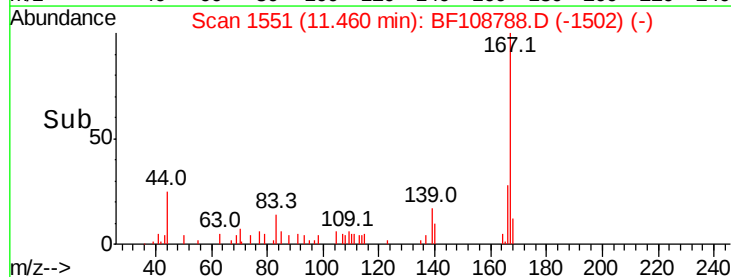
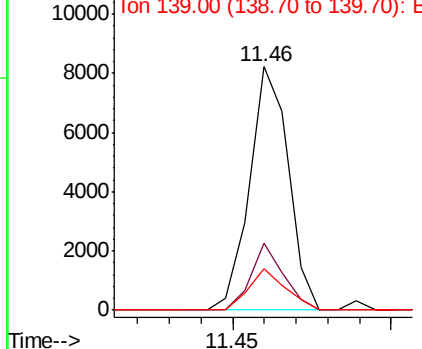


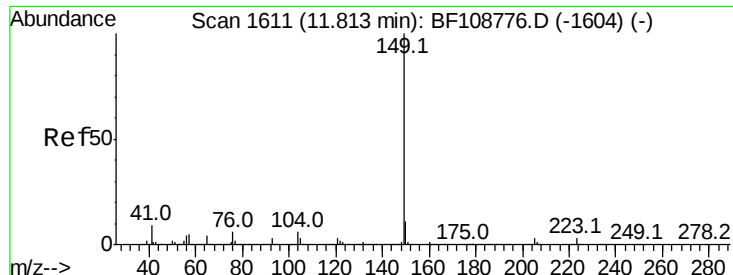
#72
 Carbazole
 Concen: 0.194 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Tgt Ion:167 Resp: 6971
 Ion Ratio Lower Upper
 167 100
 166 27.6 17.6 26.4#
 139 16.9 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

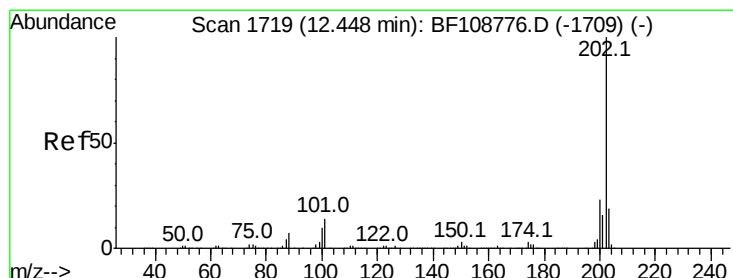
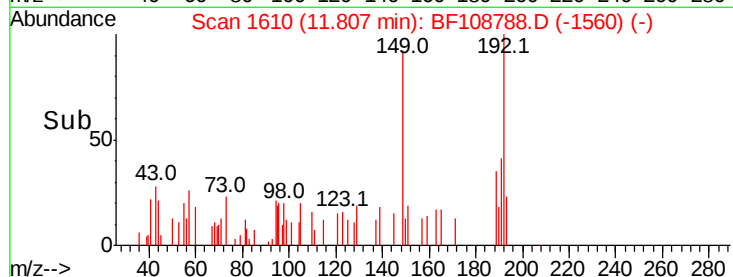
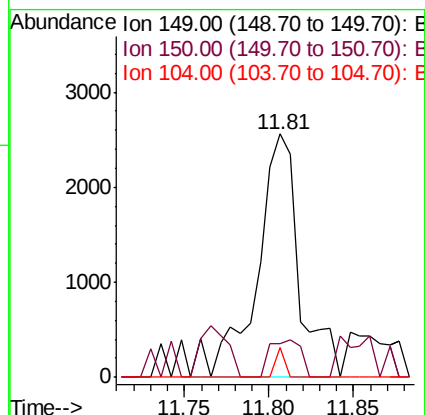
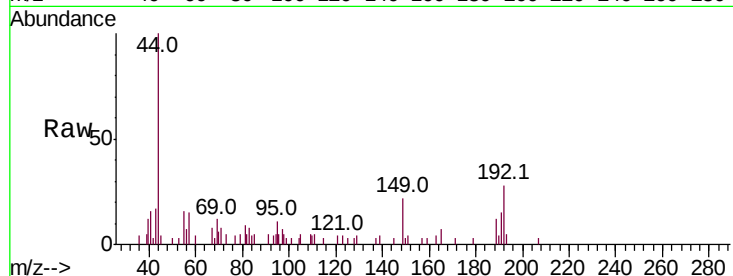




#73
Di-n-butylphthalate
Concen: 0.113 ng
RT: 11.81 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

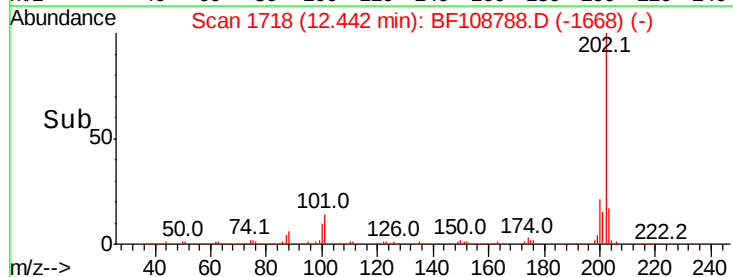
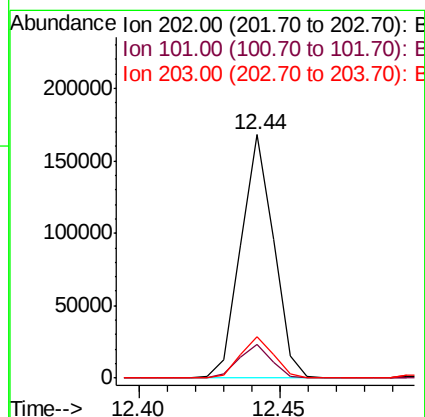
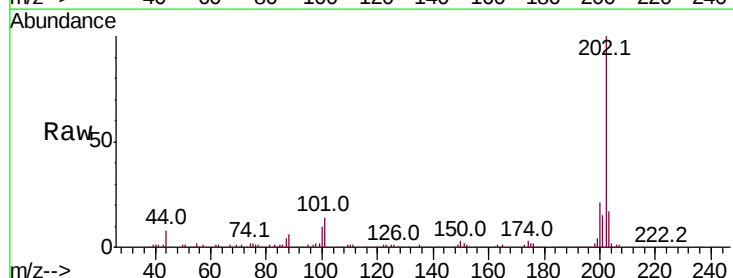
Instrument :
BNA_F
ClientSampleId :

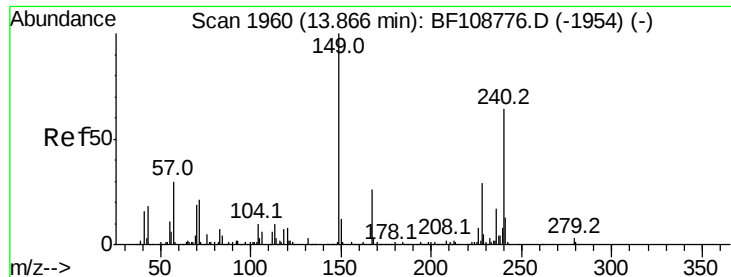
Tot Ion:149 Resp: 4501
Ion Ratio Lower Upper
149 100
150 13.8 7.8 11.6#
104 12.4 3.8 5.8#



#74
Fluoranthene
Concen: 3.853 ng
RT: 12.44 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion:202 Resp: 135899
Ion Ratio Lower Upper
202 100
101 13.7 0.0 34.1
203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

ClientSampleId :

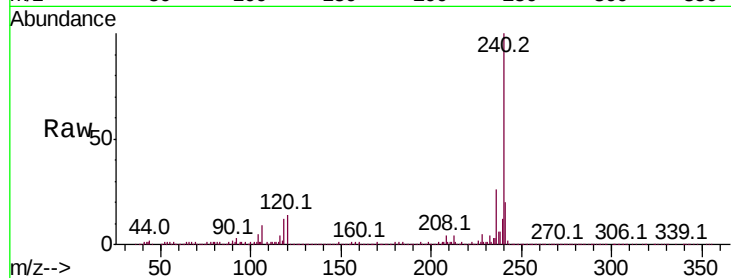
Tot Ion:240 Resp: 613127

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

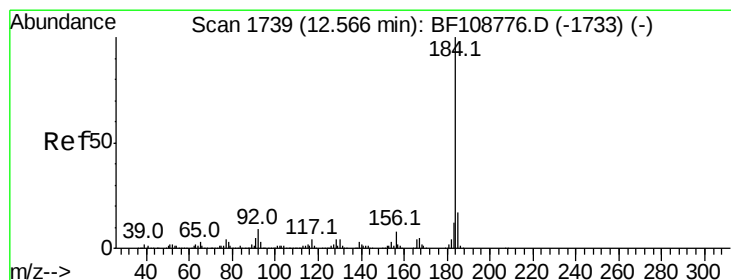
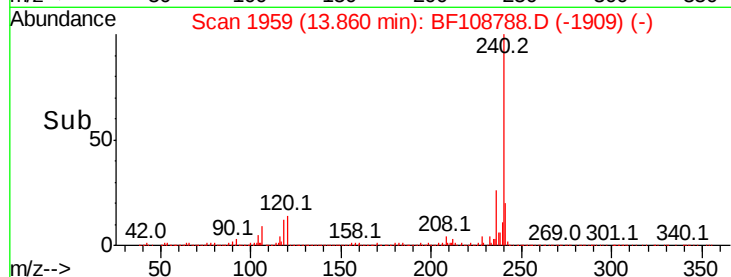
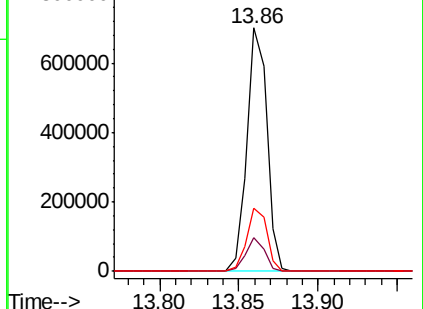
236 25.9 20.7 31.1



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: 0.004 ng

RT: 12.56 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

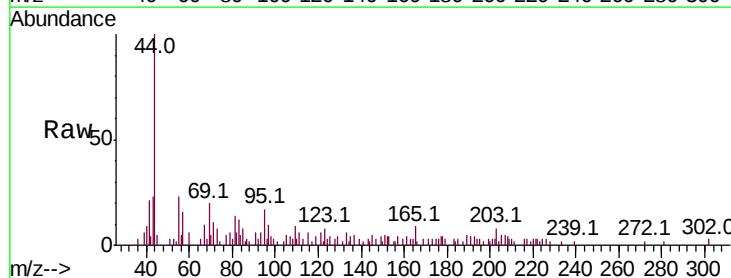
Tgt Ion:184 Resp: 108

Ion Ratio Lower Upper

184 100

185 155.9 12.6 18.8#

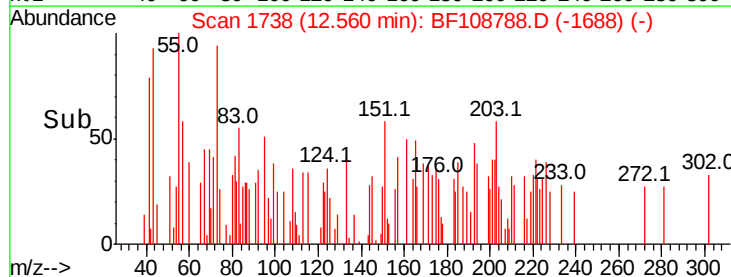
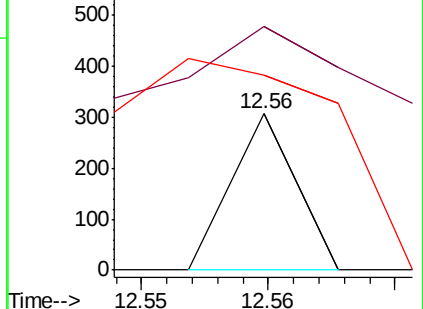
183 125.2 9.3 13.9#

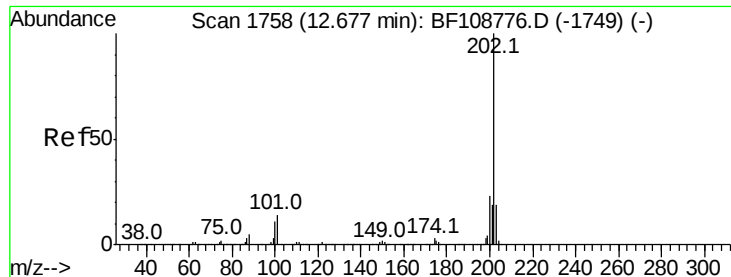


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.771 ng

RT: 12.67 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

ClientSampleId :

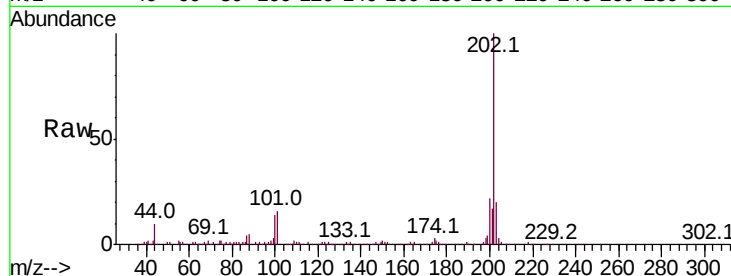
Tot Ion:202 Resp: 130710

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 19.6 14.3 21.5



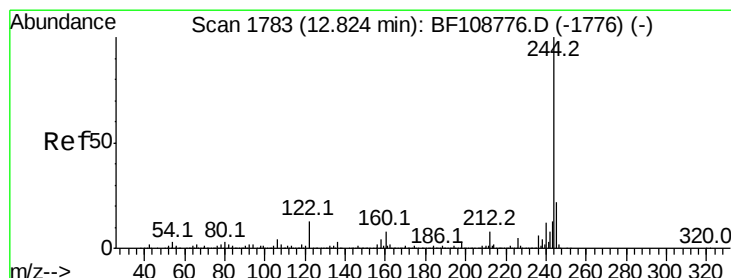
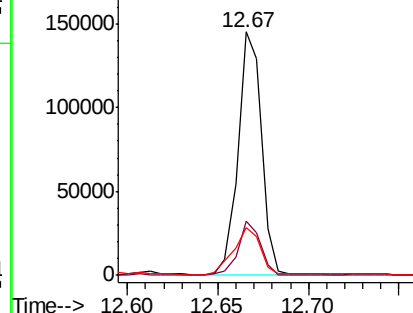
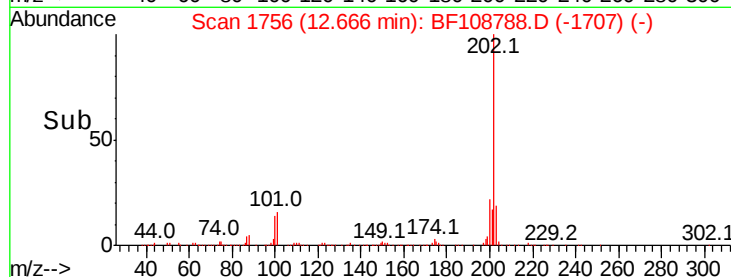
Abundance

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

12.67



#78

Terphenyl-d14

Concen: 6.419 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

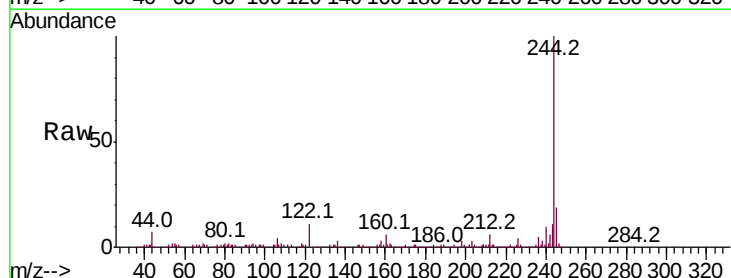
Tgt Ion:244 Resp: 168771

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

122 11.3 11.0 16.4



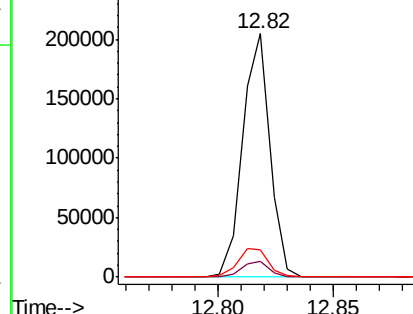
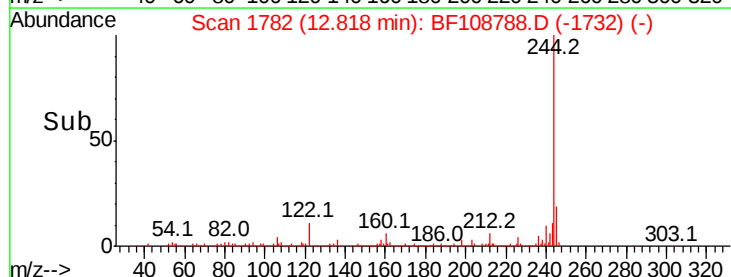
Abundance

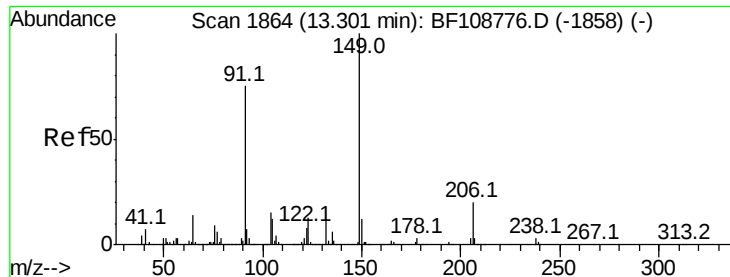
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.82

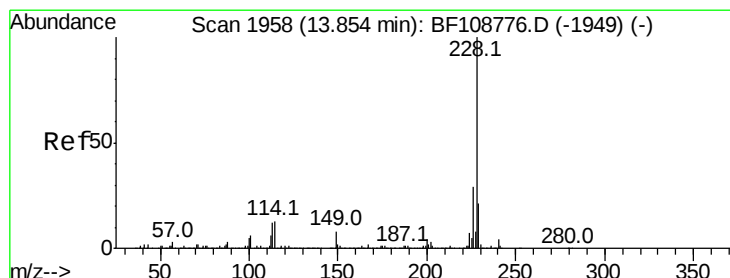
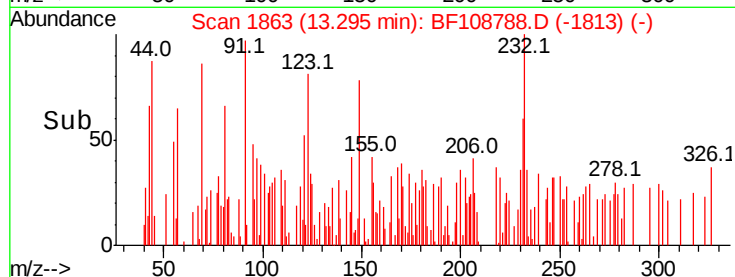
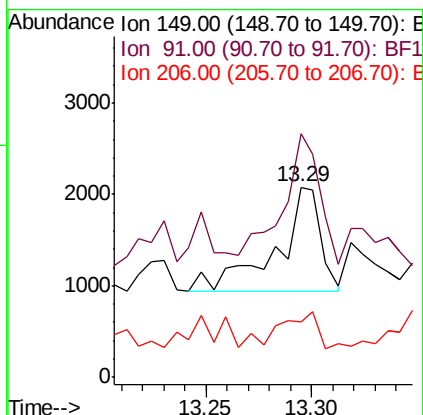
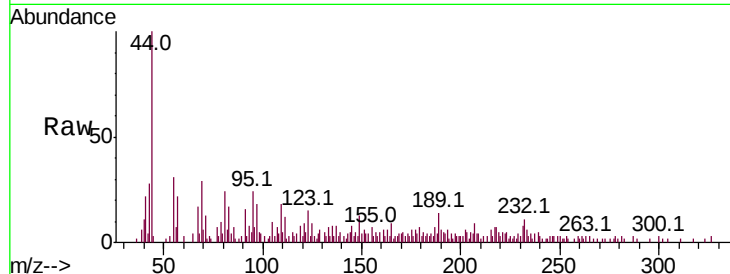




#79
Butylbenzylphthalate
Concen: 0.078 ng
RT: 13.29 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

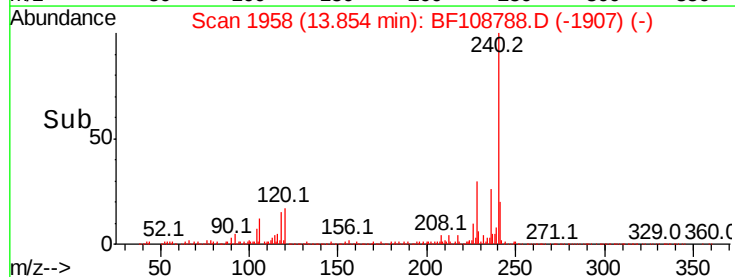
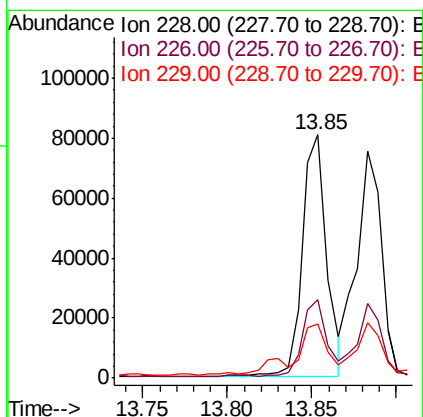
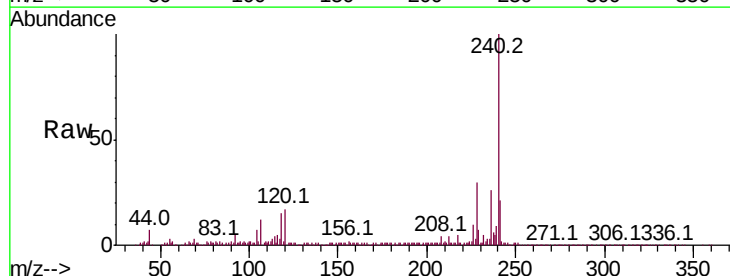
Instrument :
BNA_F
ClientSampleId :

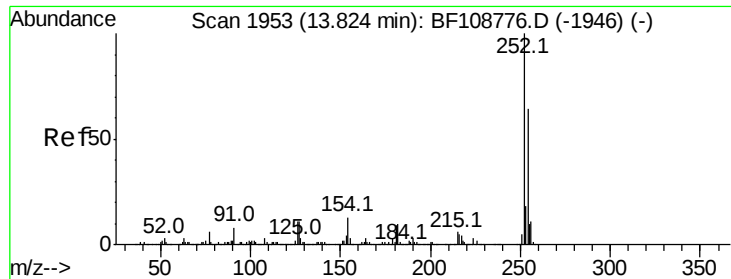
Tot Ion:149 Resp: 1648
Ion Ratio Lower Upper
149 100
91 128.0 56.8 85.2#
206 29.2 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 2.039 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion:228 Resp: 80119
Ion Ratio Lower Upper
228 100
226 32.3 22.6 33.8
229 22.4 15.8 23.6

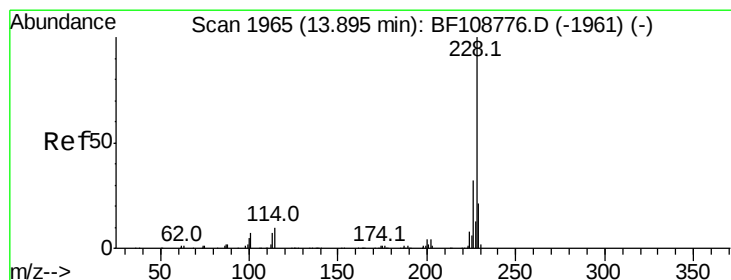
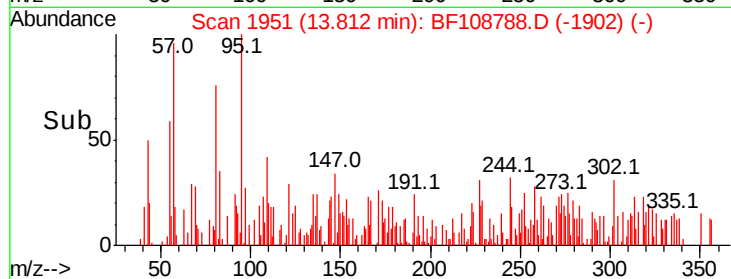
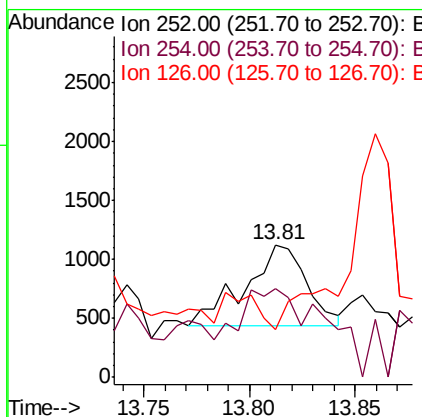
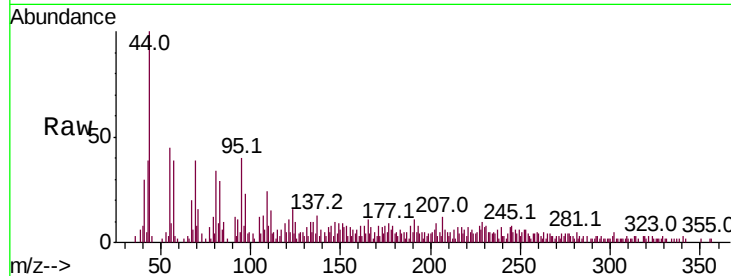




#81
 3,3'-Dichlorobenzidine
 Concen: 0.089 ng
 RT: 13.81 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

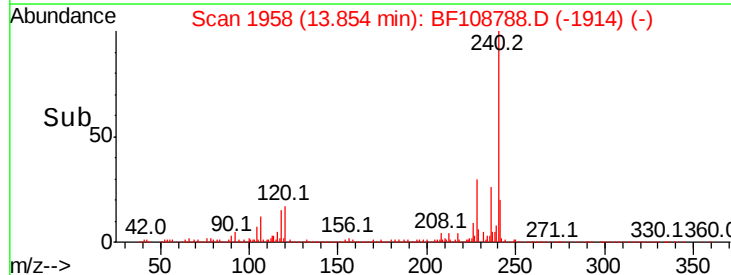
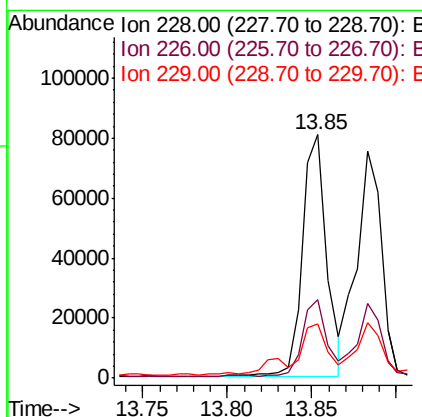
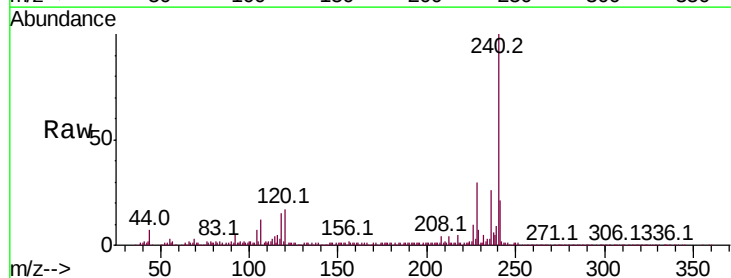
Instrument :
 BNA_F
 ClientSampleId :

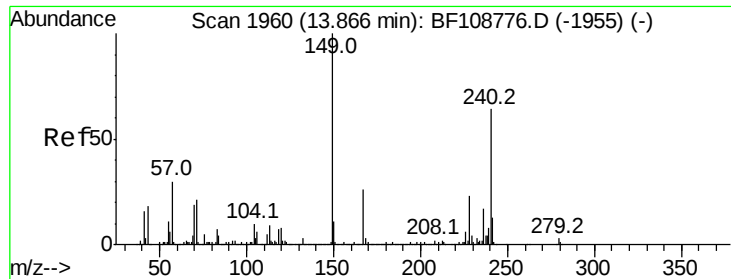
Tot Ion:252 Resp: 1370
 Ion Ratio Lower Upper
 252 100
 254 66.5 50.4 75.6
 126 35.9 11.3 16.9#



#82
 Chrysene
 Concen: 2.106 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.04 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Tgt Ion:228 Resp: 80119
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.0 37.6
 229 22.4 16.2 24.4

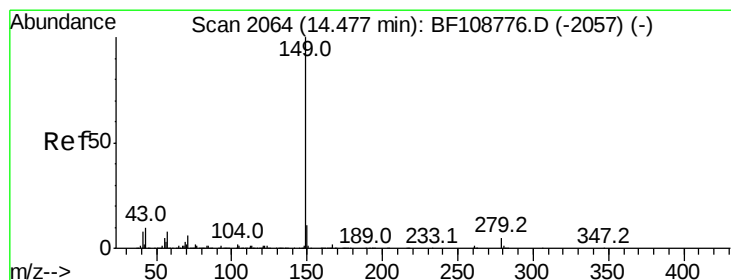
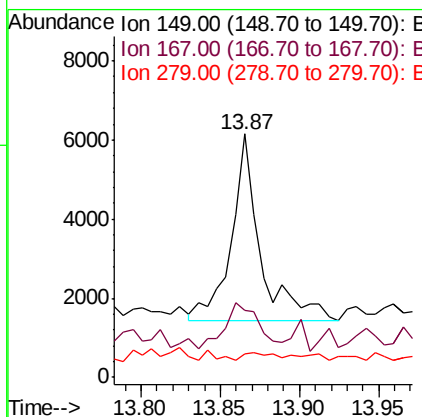
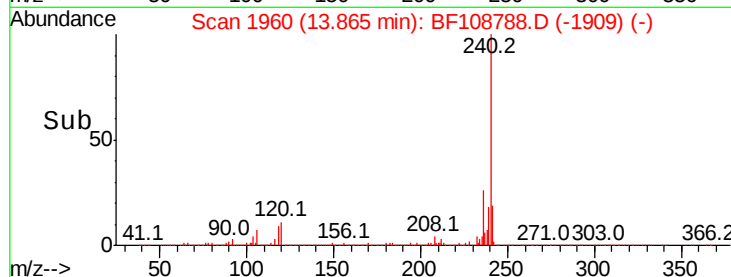
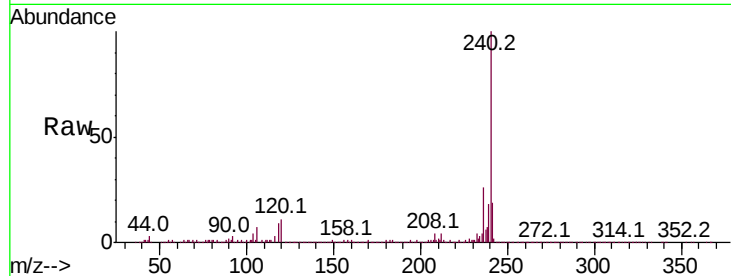




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.227 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

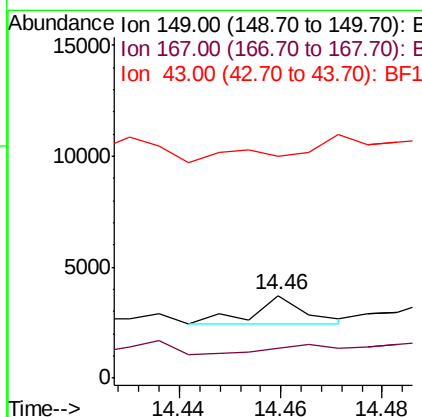
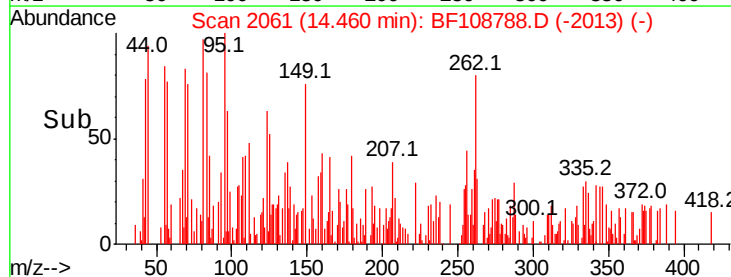
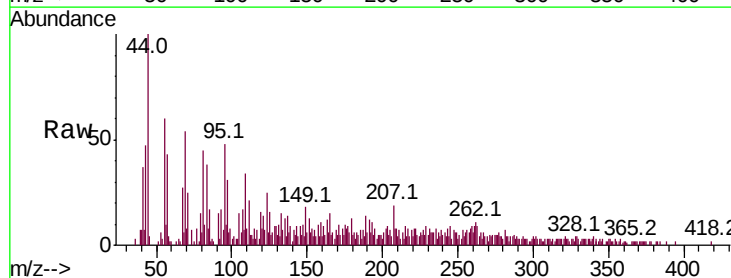
Instrument :
 BNA_F
 ClientSampleId :

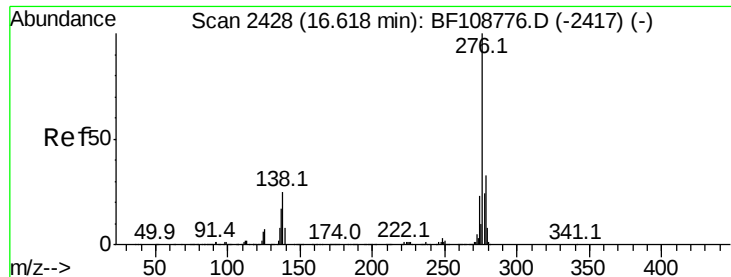
Tot Ion:149 Resp: 6074
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.3 31.9
 279 9.7 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.021 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Tgt Ion:149 Resp: 931
 Ion Ratio Lower Upper
 149 100
 167 34.8 1.2 1.8#
 43 186.3 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 1.392 ng

RT: 16.61 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

ClientSampleId :

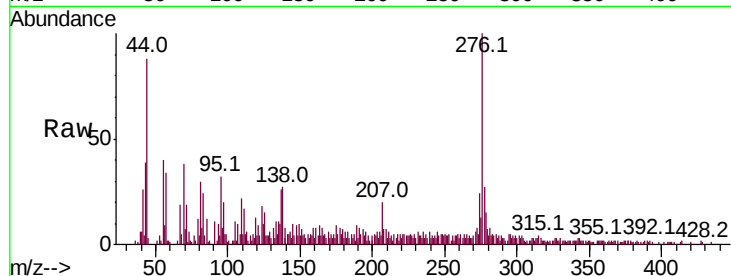
Tot Ion:276 Resp: 46875

Ion Ratio Lower Upper

276 100

138 22.9 25.0 37.6#

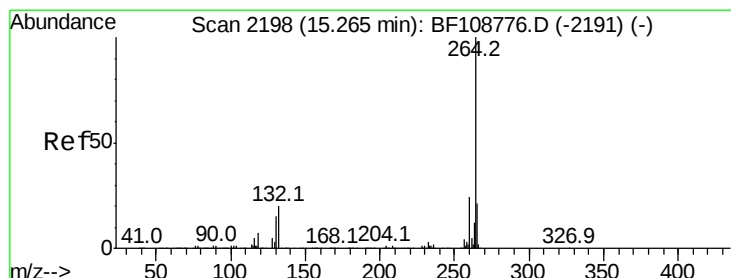
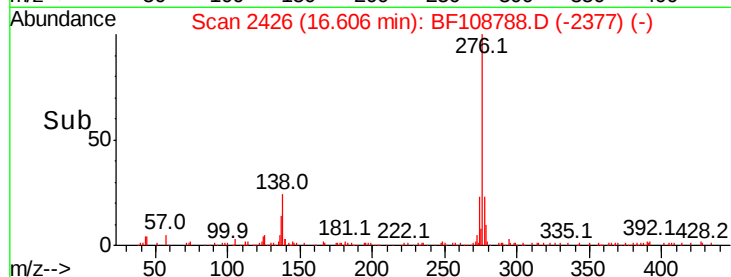
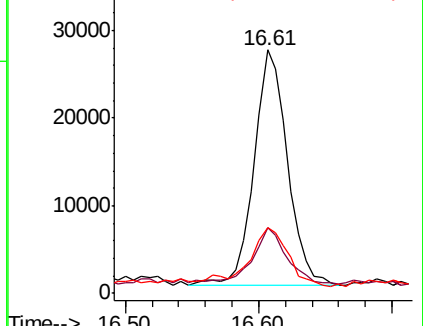
277 29.8 20.1 30.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

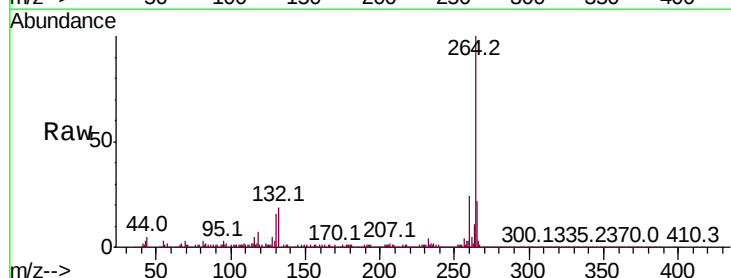
Tgt Ion:264 Resp: 479769

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

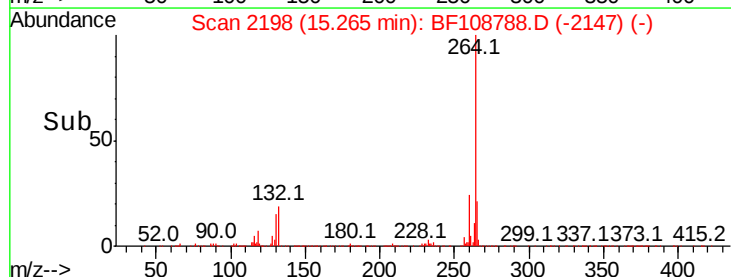
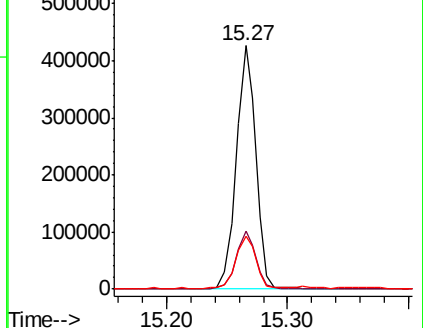
265 21.6 17.5 26.3

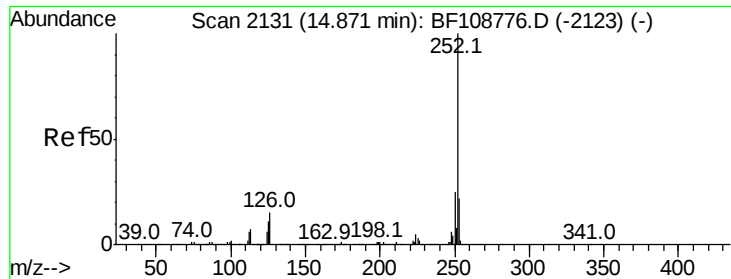


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.036 ng

RT: 14.87 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

ClientSampleId :

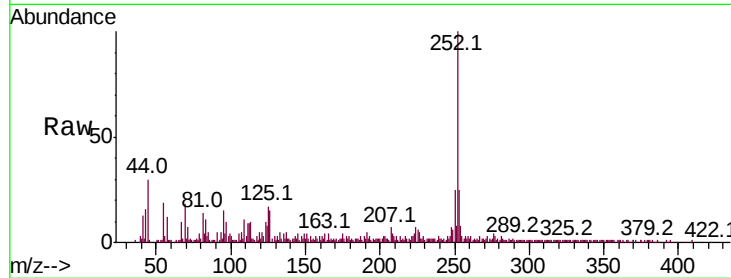
Tot Ion:252 Resp: 131375

Ion Ratio Lower Upper

252 100

253 24.9 17.0 25.6

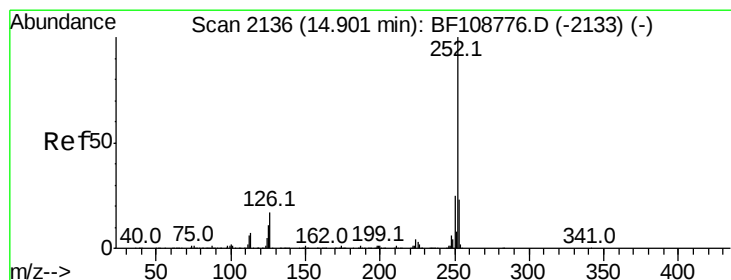
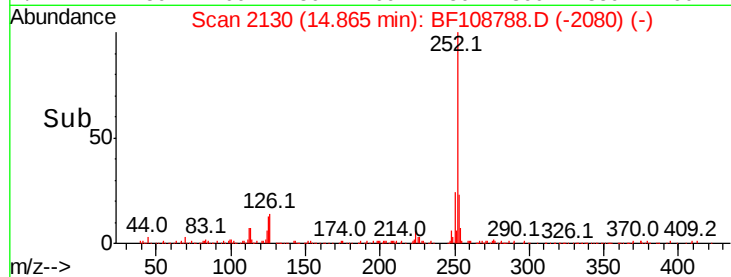
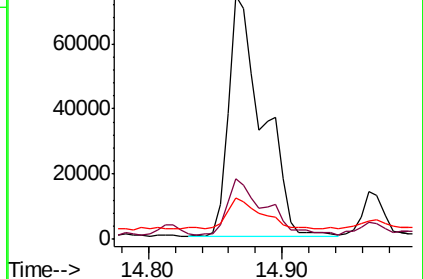
125 17.1 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 5.468 ng

RT: 14.87 min Scan# 2130

Delta R.T. -0.04 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

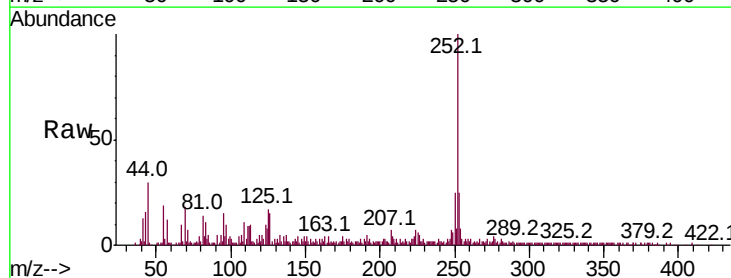
Tgt Ion:252 Resp: 131375

Ion Ratio Lower Upper

252 100

253 24.9 17.9 26.9

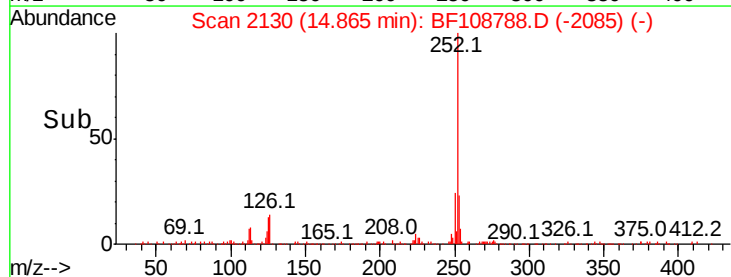
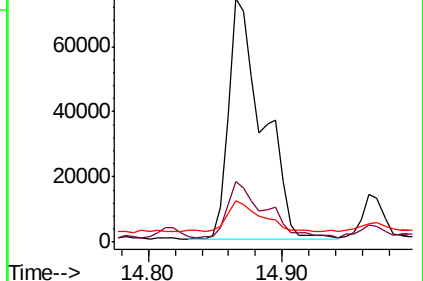
125 17.1 10.2 15.2#

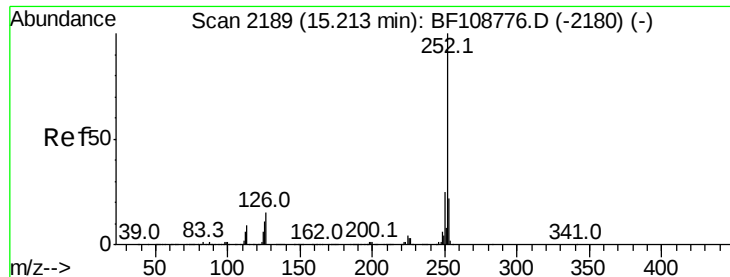


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.780 ng

RT: 15.21 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

ClientSampleId :

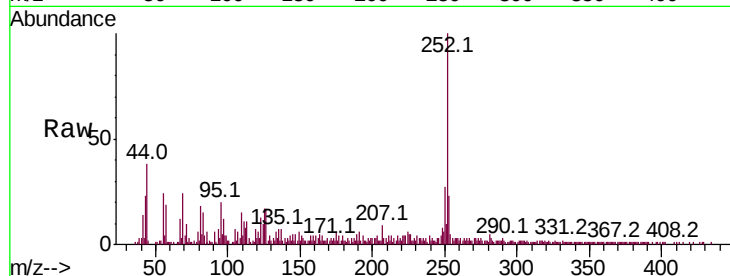
Tot Ion:252 Resp: 65430

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

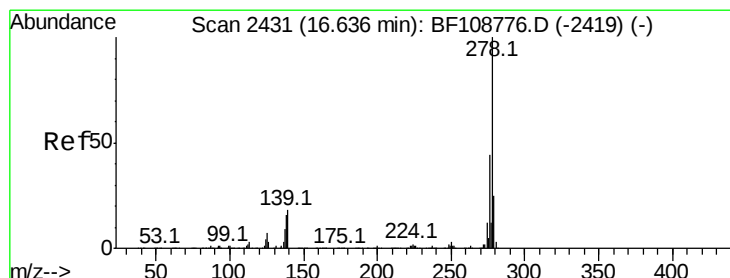
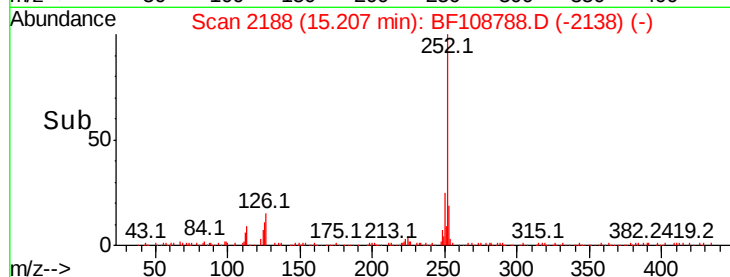
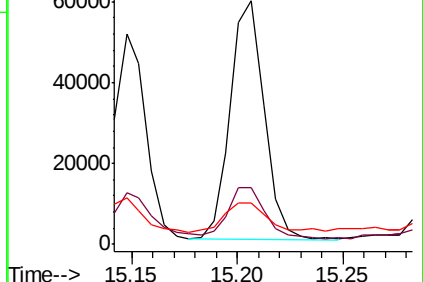
125 17.1 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.702 ng

RT: 16.62 min Scan# 2428

Delta R.T. -0.02 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

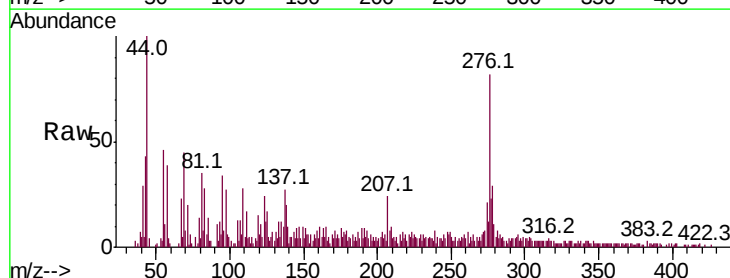
Tgt Ion:278 Resp: 14563

Ion Ratio Lower Upper

278 100

139 35.3 15.9 23.9#

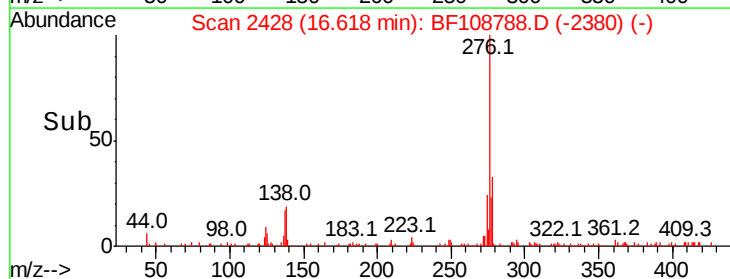
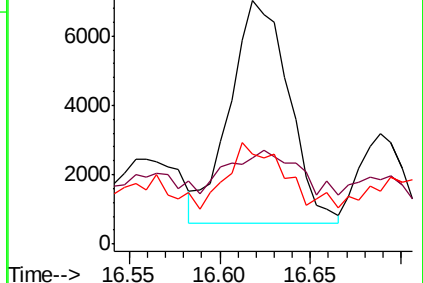
279 36.8 19.0 28.4#

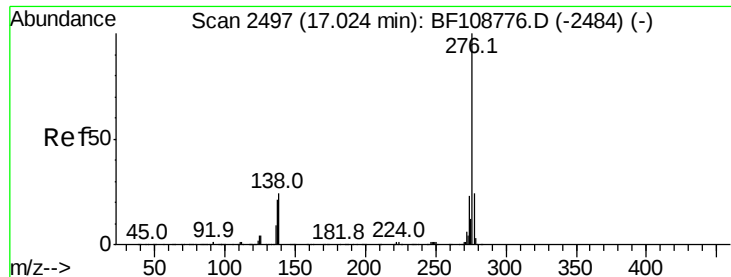


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

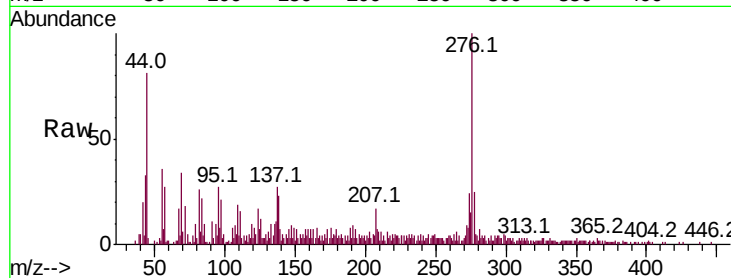




#91
 Benzo(a,h,i)perylene
 Concen: 2.557 ng
 RT: 17.01 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	25.3	17.9	26.9	
138	23.4	21.8	32.8	



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

