

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108800.D
 Acq On : 6 Sep 2018 3:06
 Operator : JU/SJ
 Sample : J4791-07 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:32:10 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	269083	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1043438	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	467570	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	785529	20.00	ng	0.00
75) Chrysene-d12	13.87	240	630957	20.00	ng	0.00
86) Perylene-d12	15.27	264	511276	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	198915	12.25	ng	0.00
7) Phenol-d6	6.35	99	264217	12.64	ng	-0.01
23) Nitrobenzene-d5	7.29	82	136331	8.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	45720	10.24	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	305671	11.15	ng	0.00
78) Terphenyl-d14	12.82	244	256497	9.48	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	248	0.032	ng	# 1
3) Pyridine	3.17	79	111	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.08	42	221	0.027	ng	# 1
6) Aniline	6.39	93	115	0.004	ng	# 42
9) Benzaldehyde	6.28	77	792	0.053	ng	# 81
10) Phenol	6.37	94	634	0.026	ng	# 21
11) bis(2-Chloroethyl)ether	6.50	93	378	0.020	ng	# 1
15) Benzyl Alcohol	6.89	79	2874	0.179	ng	# 39
17) 2-Methylphenol	7.13	107	264	0.017	ng	# 3
19) n-Nitroso-di-n-propylamine	7.29	70	17134	1.179	ng	# 80
20) 3+4-Methylphenols	7.13	107	264	0.015	ng	# 13
22) Acetophenone	7.14	105	814	0.034	ng	# 54
24) Nitrobenzene	7.31	77	115	0.006	ng	# 38
25) Isophorone	7.29	82	134978	4.058	ng	# 64
28) bis(2-Chloroethoxy)methane	7.74	93	114	0.005	ng	# 49
31) Naphthalene	8.04	128	10113	0.215	ng	# 98
32) Benzoic acid	8.01	122	281	4.048	ng	# 1
33) 4-Chloroaniline	8.04	127	1301	0.060	ng	# 29
35) Caprolactam	8.30	113	280	0.056	ng	# 96
37) 2-Methylnaphthalene	8.72	142	5454	0.176	ng	# 95
45) 1,1'-Biphenyl	9.19	154	2815	0.078	ng	# 86
46) 2-Chloronaphthalene	9.48	162	604	0.021	ng	# 1
47) 2-Nitroaniline	9.48	65	764	0.096	ng	# 1
48) Acenaphthylene	9.62	152	16227	0.374	ng	# 96
49) Dimethylphthalate	9.48	163	65629	2.007	ng	# 99
50) 2,6-Dinitrotoluene	9.77	165	60206	9.661	ng	# 26
51) Acenaphthene	9.80	154	22267	0.829	ng	# 97
54) Dibenzofuran	9.97	168	13294	0.340	ng	# 94
55) 4-Nitrophenol	9.80	139	226	0.041	ng	# 9
56) 2,4-Dinitrotoluene	9.77	165	60206	7.555	ng	# 23
57) Fluorene	10.31	166	19305	0.769	ng	# 96
59) Diethylphthalate	10.18	149	3004	0.089	ng	# 88
62) Azobenzene	10.46	77	593	0.017	ng	# 1
65) n-Nitrosodiphenylamine	10.42	169	1065	0.041	ng	# 22

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

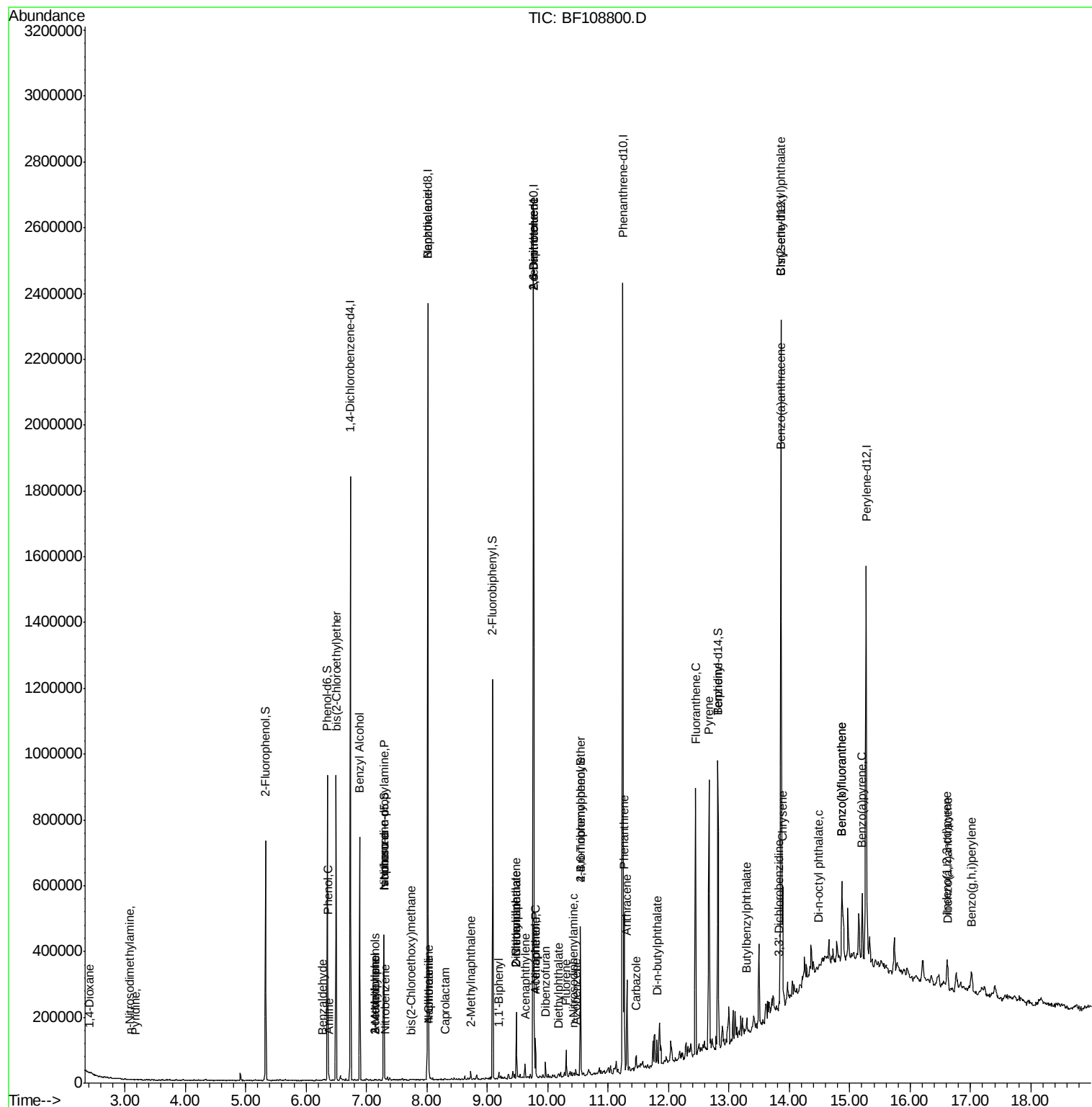
66) 4-Bromophenyl-phenylether	10.54	248	2727	0.307	nq	# 1
70) Phenanthrene	11.27	178	171689	4.577	nq	97
71) Anthracene	11.31	178	91058	2.535	nq	99
72) Carbazole	11.47	167	16396	0.433	nq	98
73) Di-n-butylphthalate	11.81	149	13073	0.311	nq	# 95
74) Fluoranthene	12.45	202	312620	8.417	nq	97
76) Benzidine	12.82	184	3931	0.131	nq	94
77) Pyrene	12.67	202	295986	6.096	nq	97
79) Butylbenzylphthalate	13.30	149	5317	0.243	nq	# 83
80) Benzo(a)anthracene	13.85	228	141205	3.492	nq	95
81) 3,3'-Dichlorobenzidine	13.83	252	275	0.017	nq	# 1
82) Chrysene	13.89	228	122718	3.134	nq	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	11503	0.419	nq	# 86
84) Di-n-octyl phthalate	14.47	149	544	0.012	nq	# 75
85) Indeno(1,2,3-cd)pyrene	16.61	276	54881	1.584	nq	94
87) Benzo(b)fluoranthene	14.87	252	178413	6.418	nq	# 96
88) Benzo(k)fluoranthene	14.87	252	178413	6.969	nq	98
89) Benzo(a)pyrene	15.21	252	90880	3.623	nq	98
90) Dibenzo(a,h)anthracene	16.63	278	14779	0.669	nq	# 85
91) Benzo(g,h,i)perylene	17.02	276	51498	2.327	nq	95

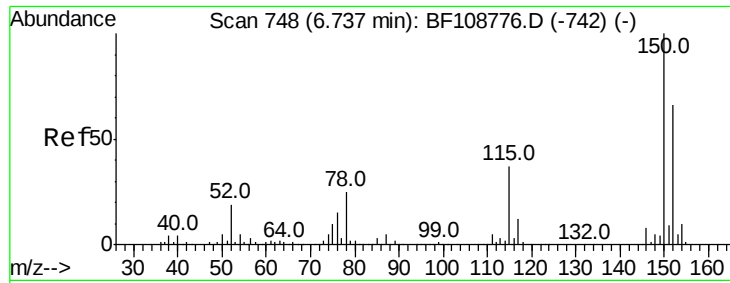
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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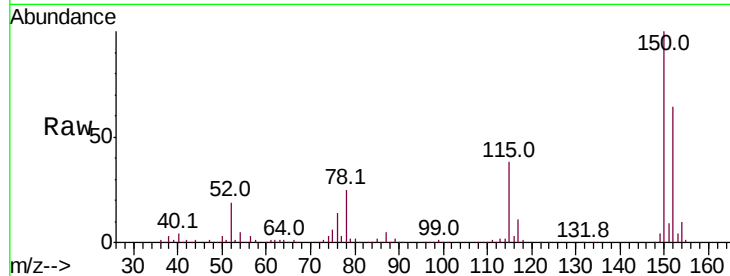


#1

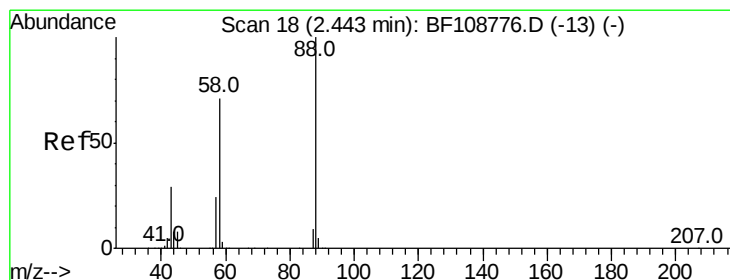
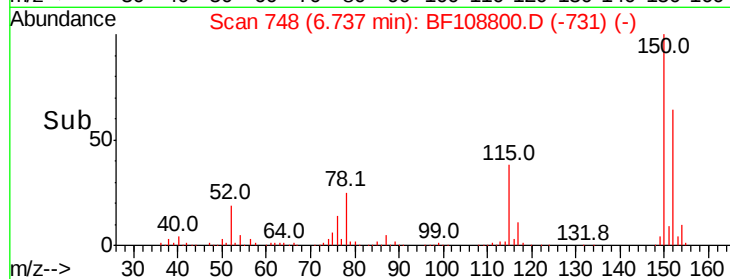
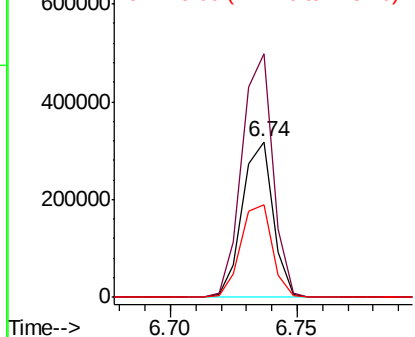
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 269083
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 59.7 50.1 75.1



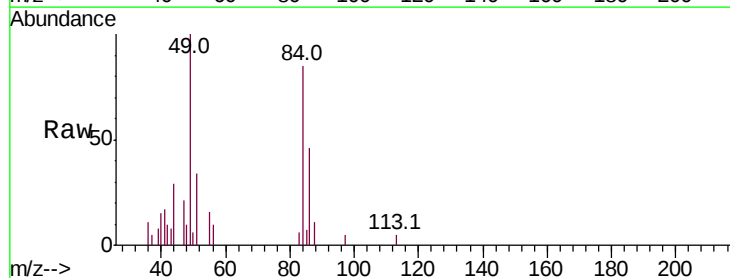
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



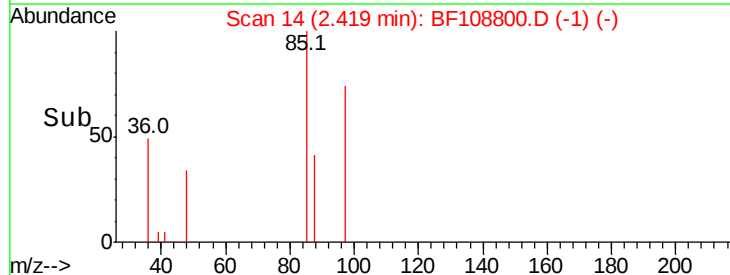
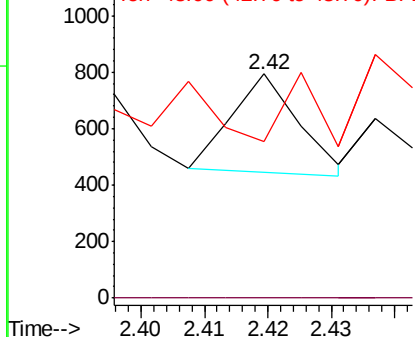
#2

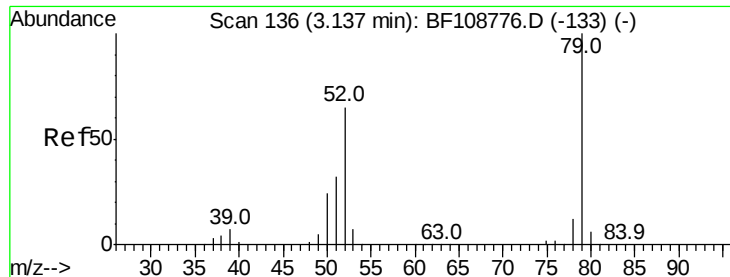
1,4-Dioxane
Concen: 0.032 ng
RT: 2.42 min Scan# 14
Delta R.T. -0.02 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion: 88 Resp: 248
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 119.8 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: 3.17 min Scan# 142

Delta R.T. 0.04 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampled :

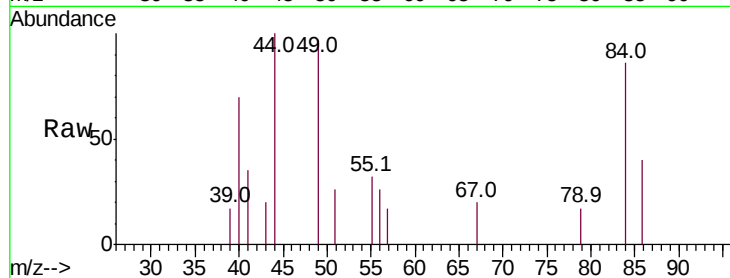
Tot Ion: 79 Resp: 111

Ion Ratio Lower Upper

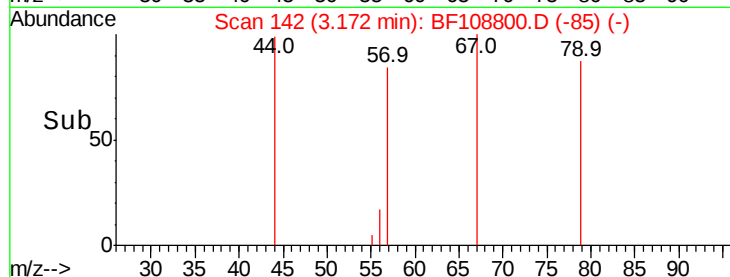
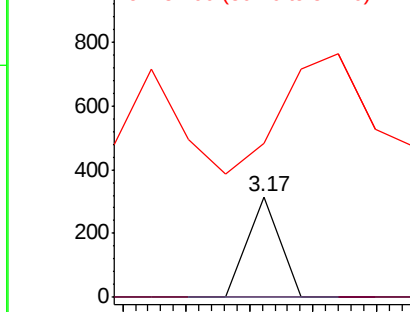
79 100

52 0.0 59.8 89.6#

51 153.5 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: 0.027 ng

RT: 3.08 min Scan# 126

Delta R.T. 0.00 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

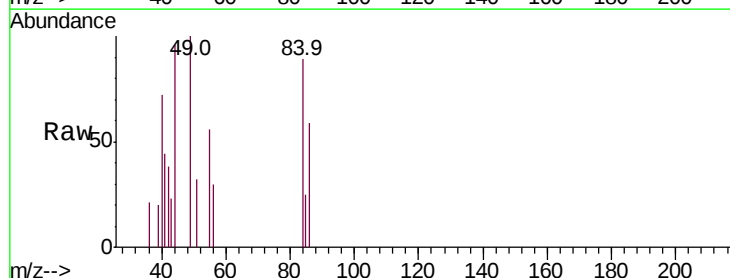
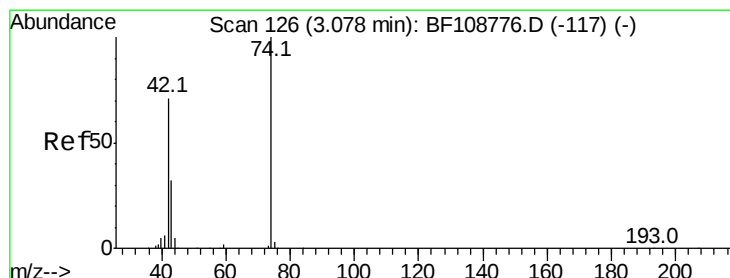
Tgt Ion: 42 Resp: 221

Ion Ratio Lower Upper

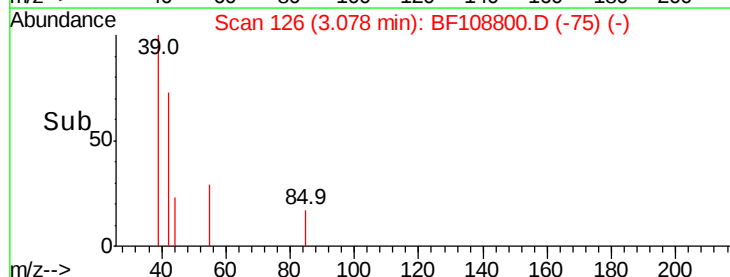
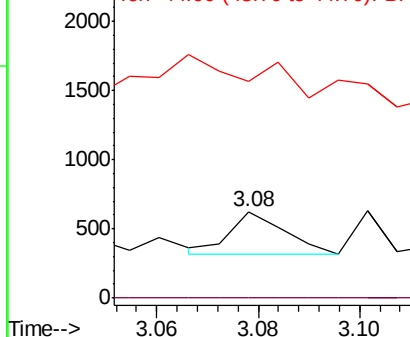
42 100

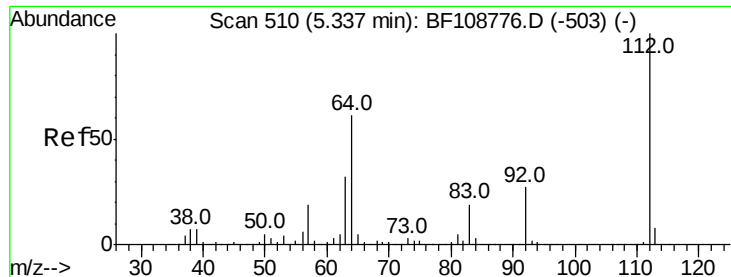
74 0.0 104.9 157.3#

44 250.7 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: 12.247 ng

RT: 5.33 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampled :

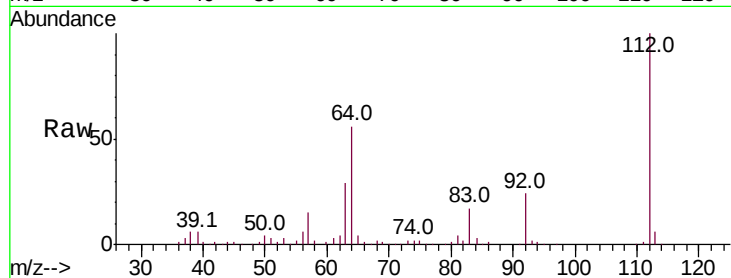
Tot Ion:112 Resp: 198915

Ion Ratio Lower Upper

112 100

64 55.9 47.9 71.9

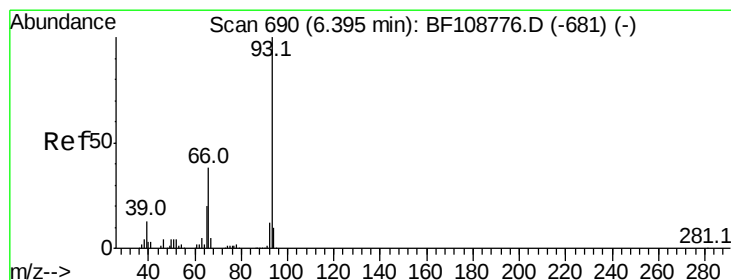
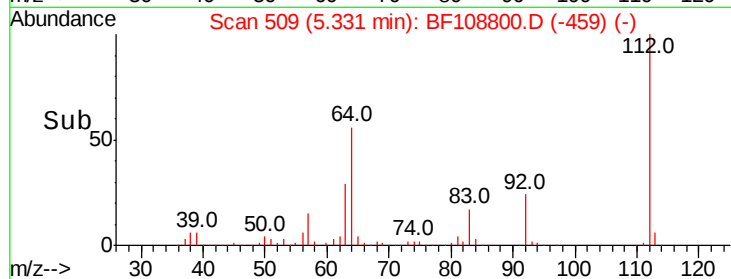
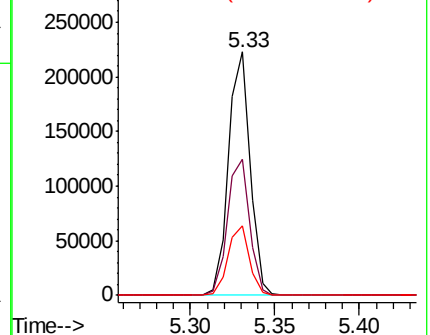
63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.004 ng

RT: 6.39 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

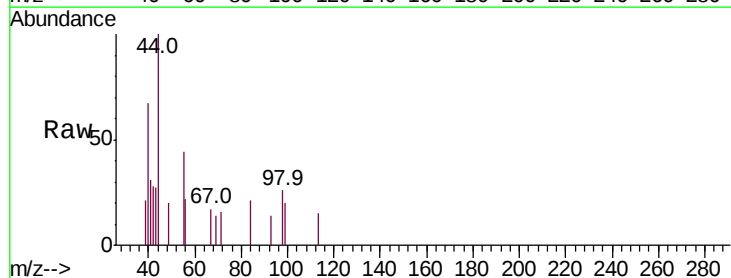
Tgt Ion: 93 Resp: 115

Ion Ratio Lower Upper

93 100

66 0.0 32.2 48.2#

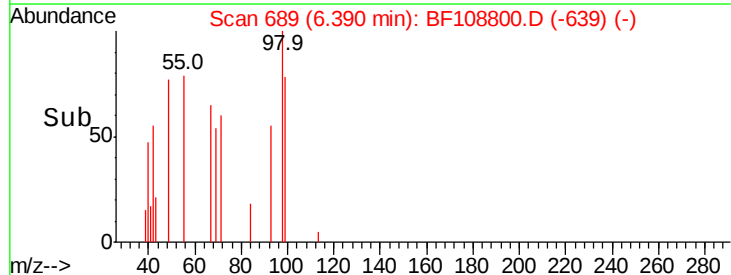
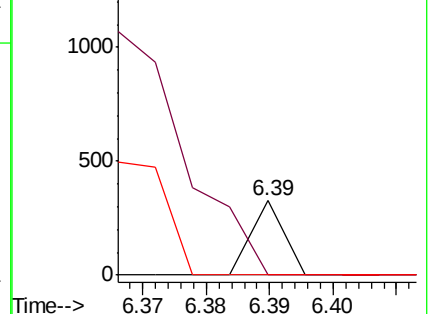
65 0.0 16.4 24.6#

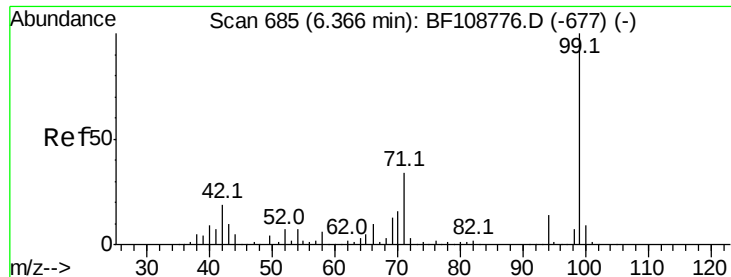


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 12.643 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampleId :

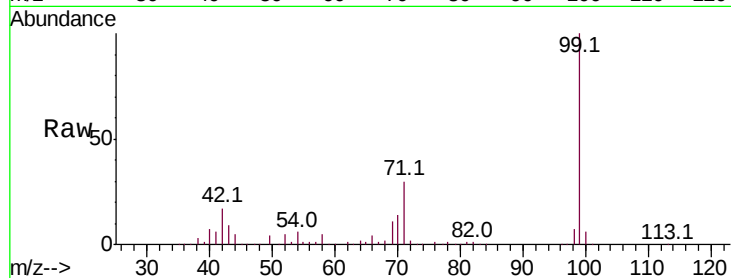
Tot Ion: 99 Resp: 264217

Ion Ratio Lower Upper

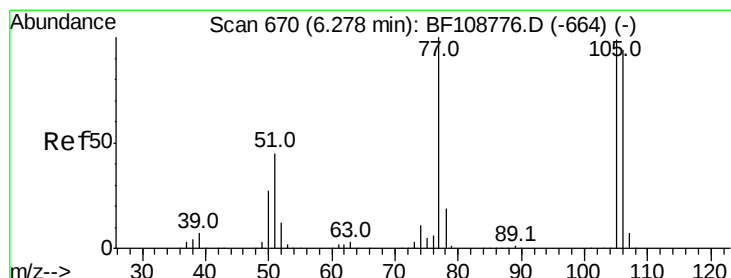
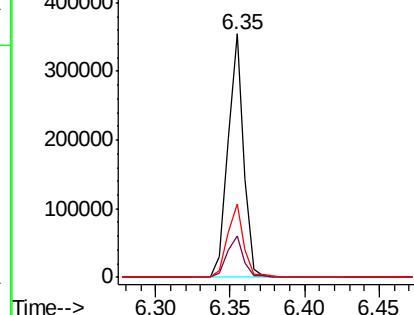
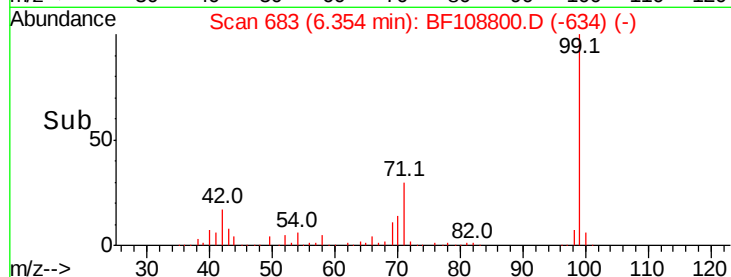
99 100

42 16.8 14.5 21.7

71 30.1 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: 0.053 ng

RT: 6.28 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

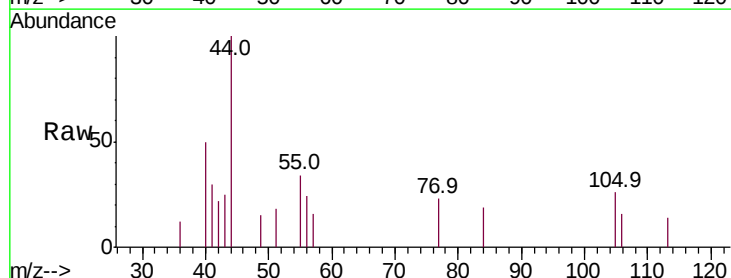
Tgt Ion: 77 Resp: 792

Ion Ratio Lower Upper

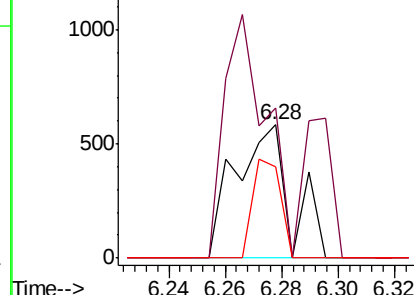
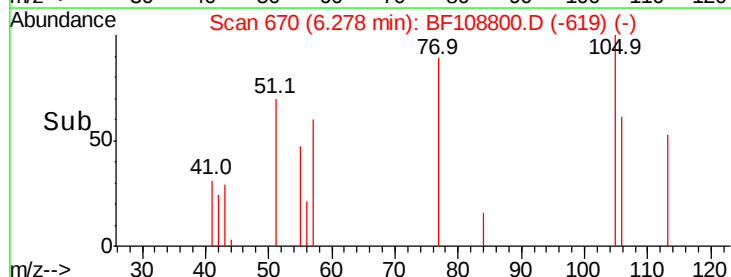
77 100

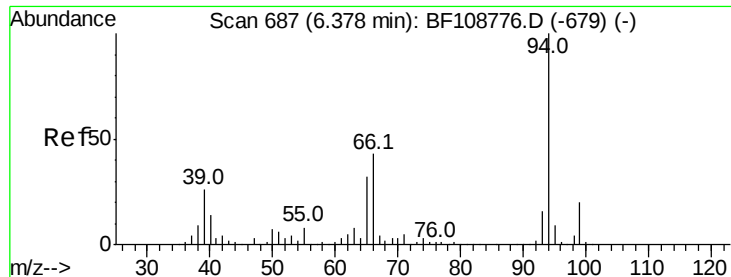
105 112.7 81.1 121.1

106 68.6 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.026 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

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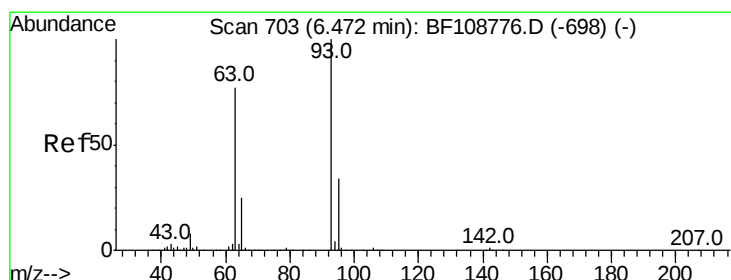
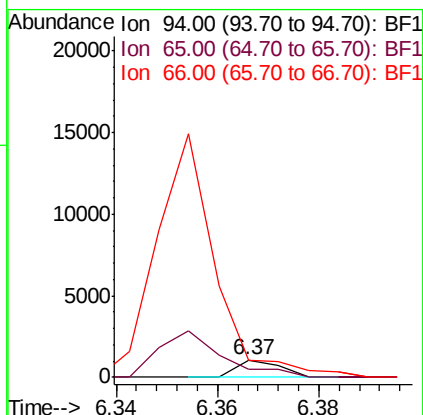
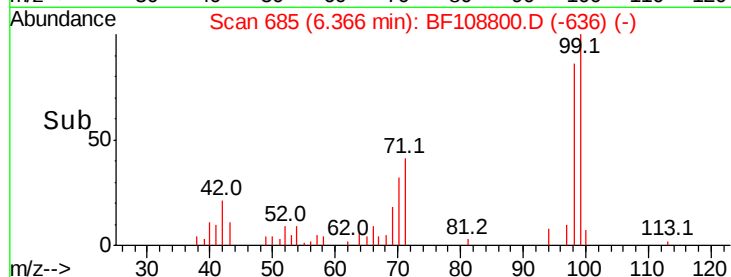
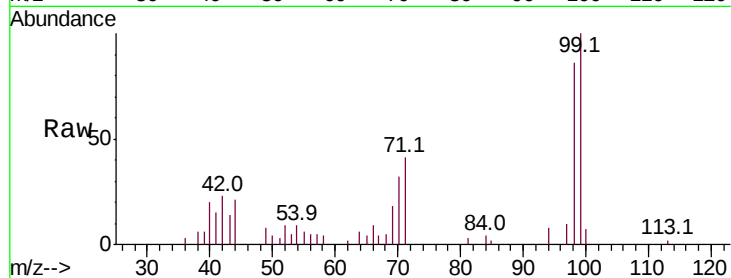
Tot Ion: 94 Resp: 634

Ion Ratio Lower Upper

94 100

65 47.1 7.9 47.9

66 101.6 16.2 56.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.020 ng

RT: 6.50 min Scan# 707

Delta R.T. 0.02 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

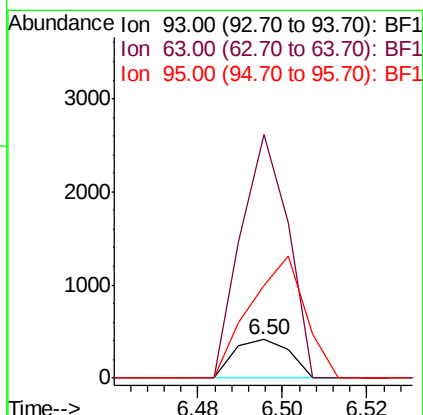
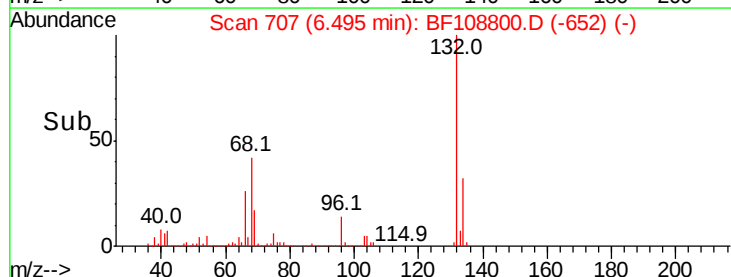
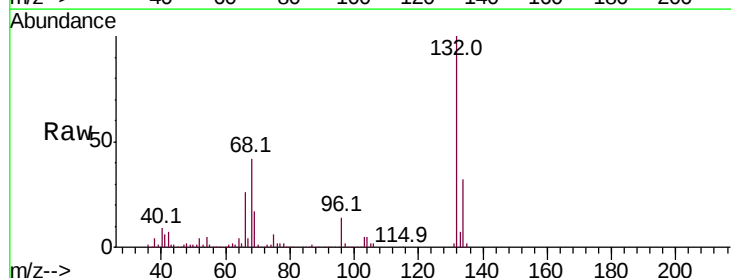
Tgt Ion: 93 Resp: 378

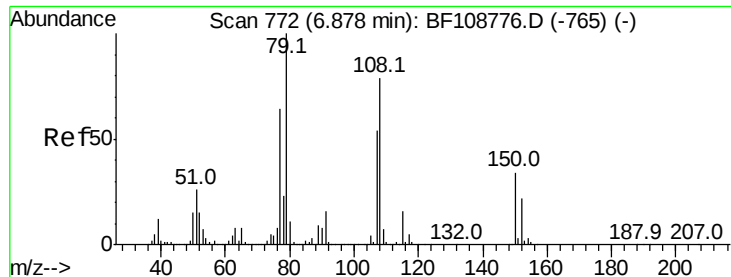
Ion Ratio Lower Upper

93 100

63 628.4 58.6 98.6#

95 238.5 11.8 51.8#





#15

Benzyl Alcohol

Concen: 0.179 ng

RT: 6.89 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

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ClientSampled :

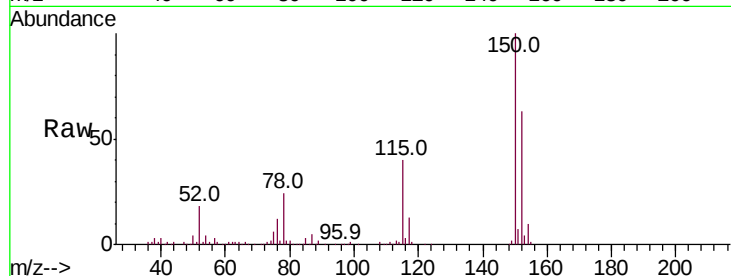
Tot Ion: 79 Resp: 2874

Ion Ratio Lower Upper

79 100

108 34.6 65.1 97.7#

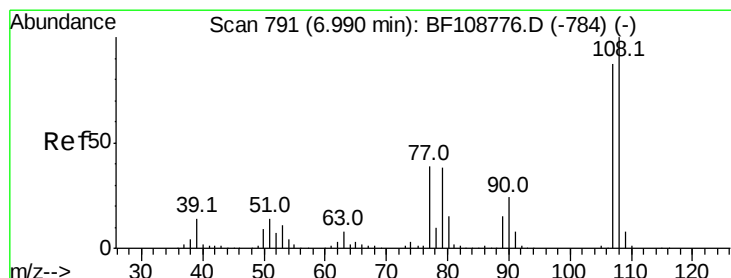
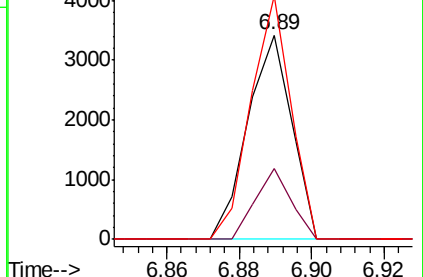
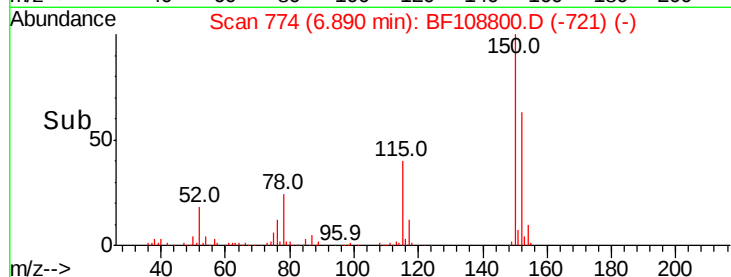
77 119.3 50.6 75.8#



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



#17

2-Methylphenol

Concen: 0.017 ng

RT: 7.13 min Scan# 815

Delta R.T. 0.14 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Tgt Ion: 107 Resp: 264

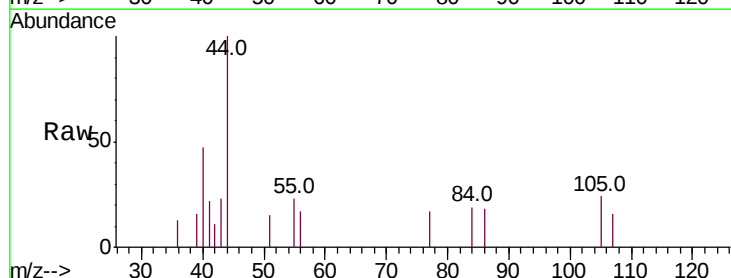
Ion Ratio Lower Upper

107 100

108 0.0 91.7 137.5#

77 108.1 33.8 50.8#

79 0.0 33.8 50.8#

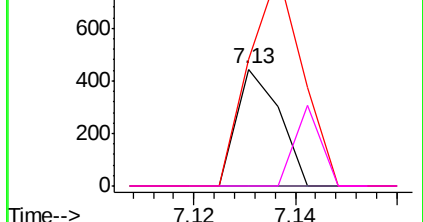
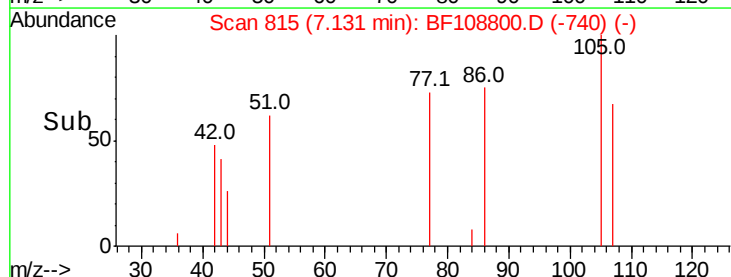


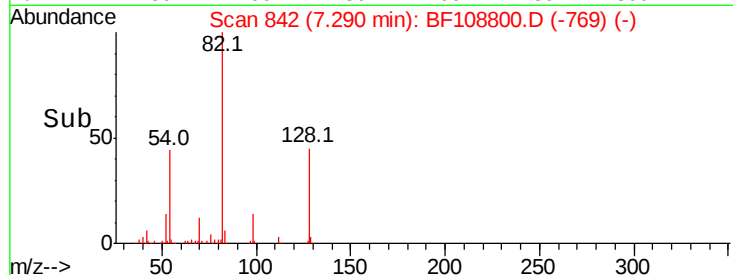
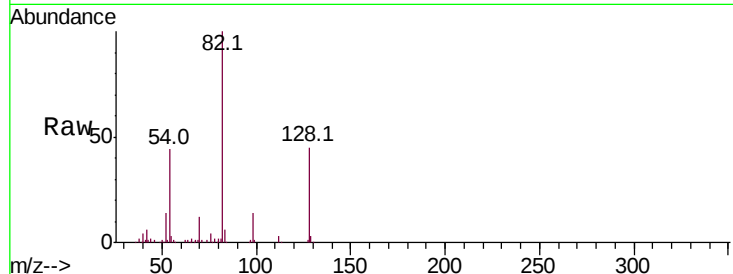
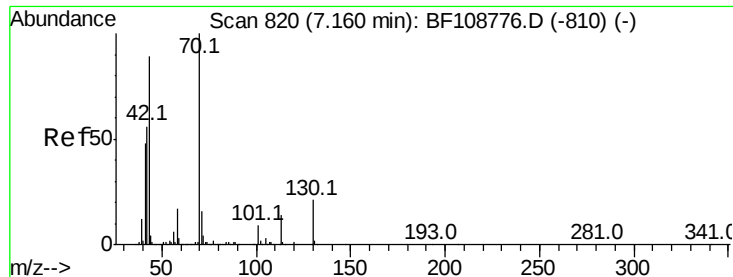
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

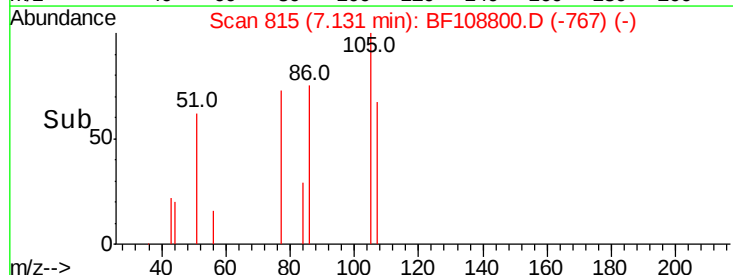
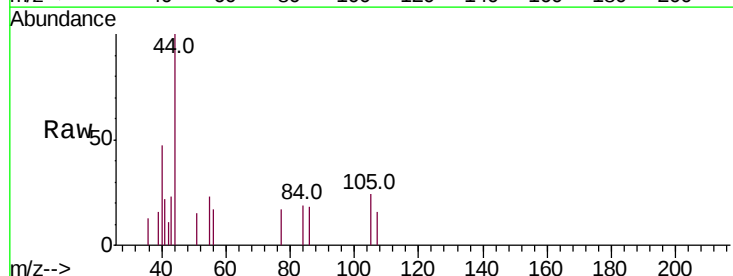
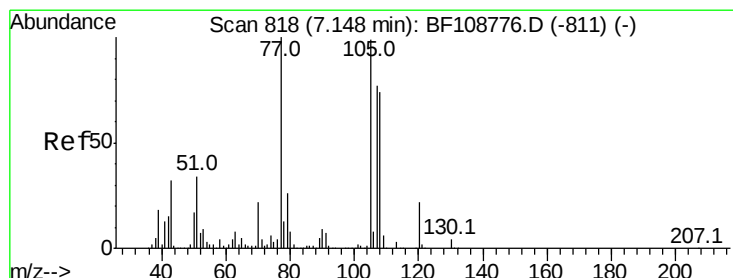
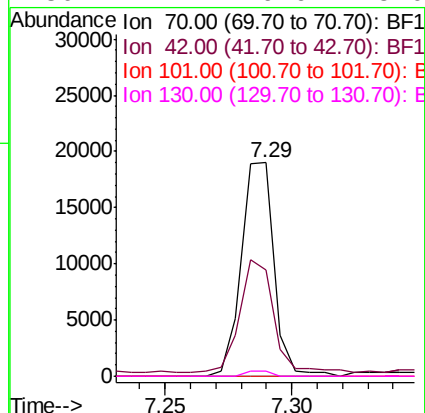




#19
n-Nitroso-di-n-propylamine
Concen: 1.179 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

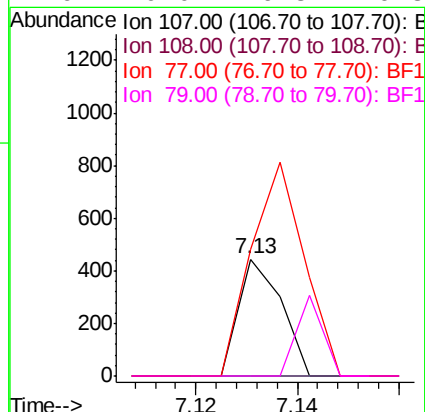
Instrument :
BNA_F
ClientSampled :

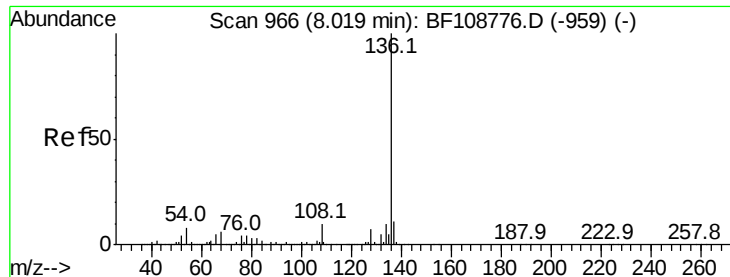
Tot Ion:	70	Resp:	17134
Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#20
3+4-Methylphenols
Concen: 0.015 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion:	107	Resp:	264
Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.2	108.2#
77	108.1	26.7	66.7#
79	0.0	6.3	46.3#



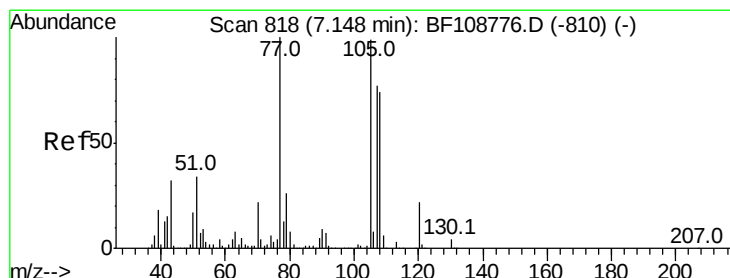
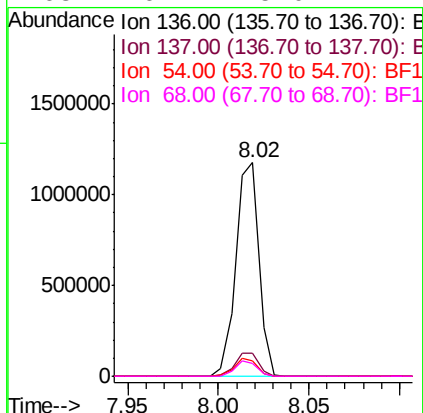
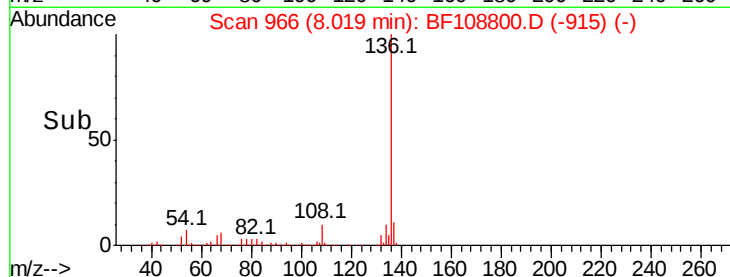
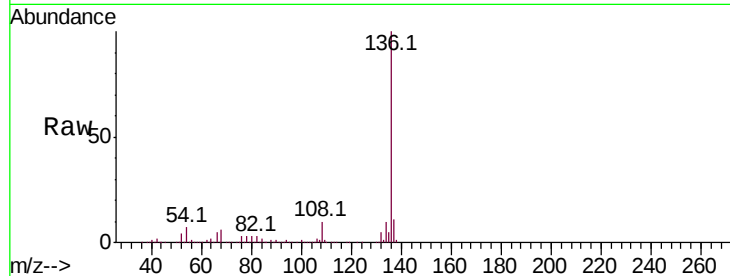


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1043438

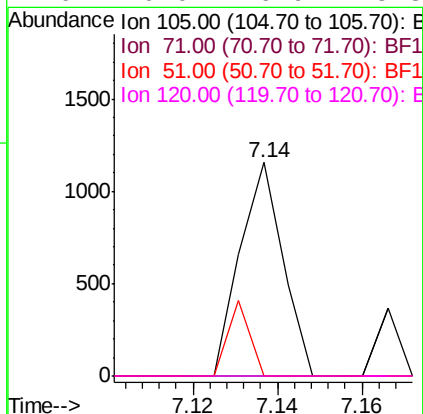
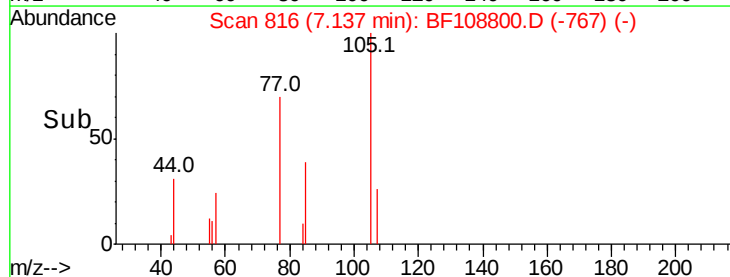
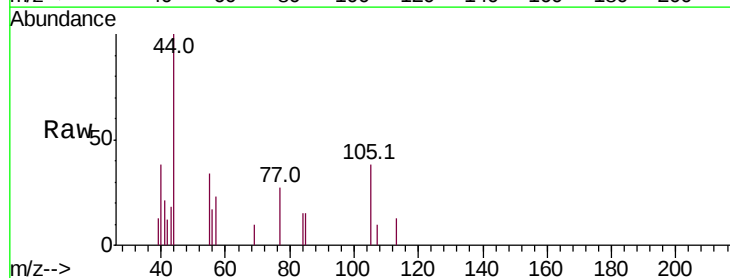
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	6.6	9.8
68	6.2	5.0	7.4

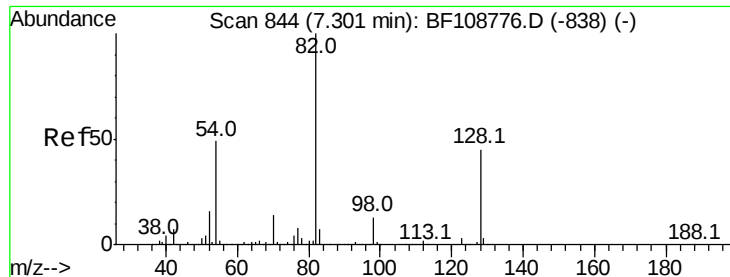


#22
Acetophenone
Concen: 0.034 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion:105 Resp: 814

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	0.0	22.3	33.5#
120	0.0	16.9	25.3#

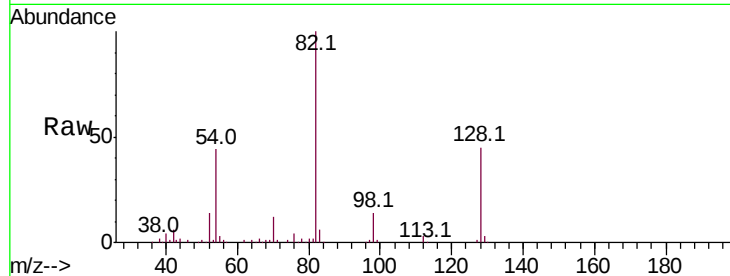




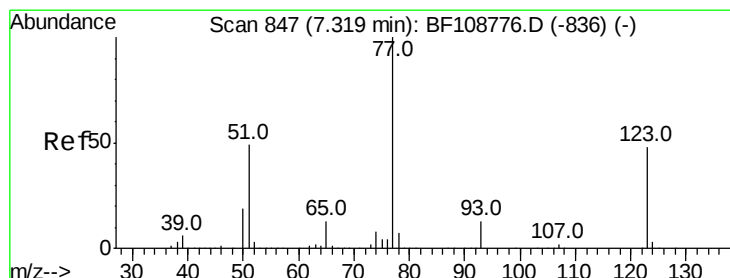
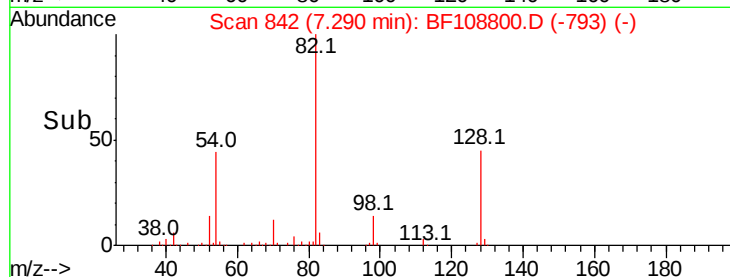
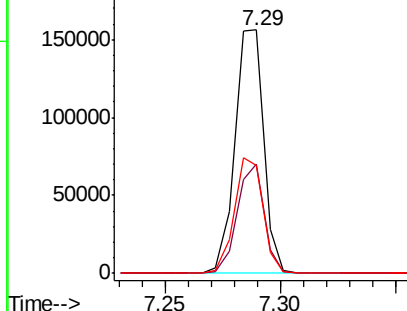
#23
 Nitrobenzene-d5
 Concen: 8.177 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108800.D
 Acq: 6 Sep 2018 3:06

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	44.4	41.4	62.2

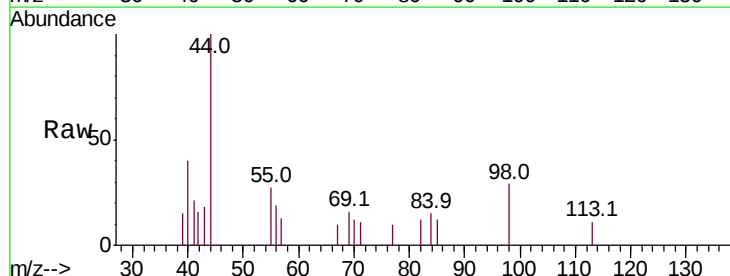


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

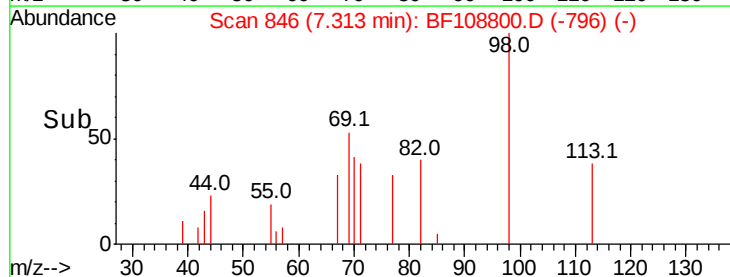
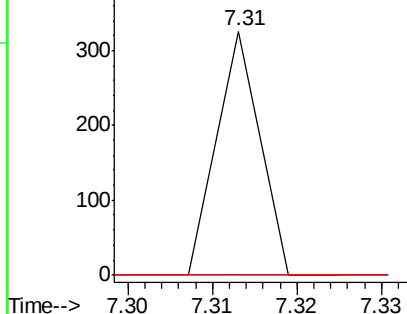


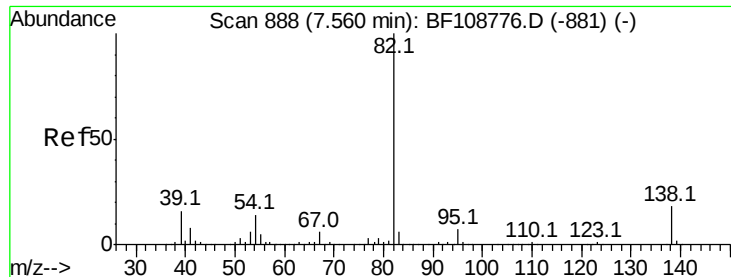
#24
 Nitrobenzene
 Concen: 0.006 ng
 RT: 7.31 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF108800.D
 Acq: 6 Sep 2018 3:06

Tgt 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: 4.058 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampleId :

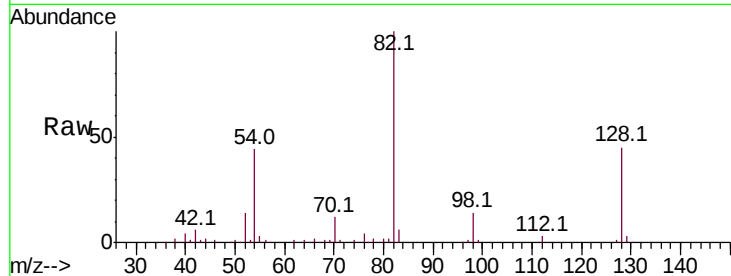
Tot Ion: 82 Resp: 134978

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

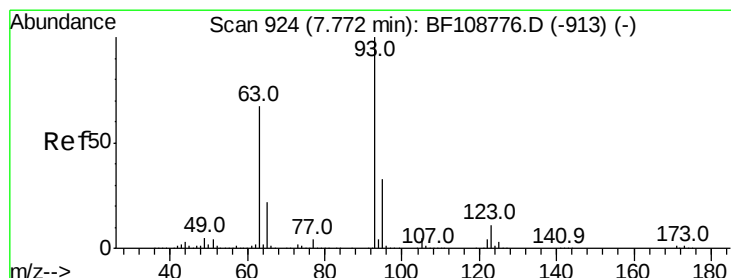
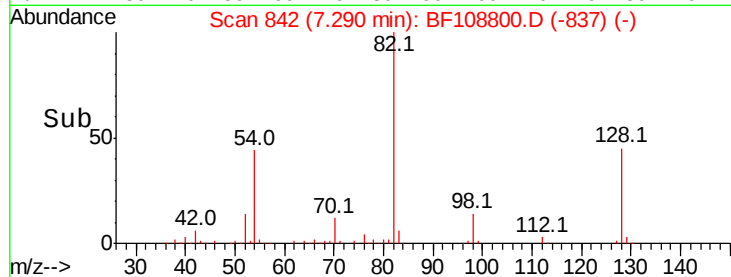
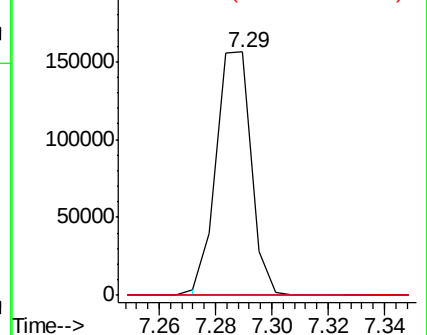
138 0.0 14.9 22.3#



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: 0.005 ng

RT: 7.74 min Scan# 918

Delta R.T. -0.04 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

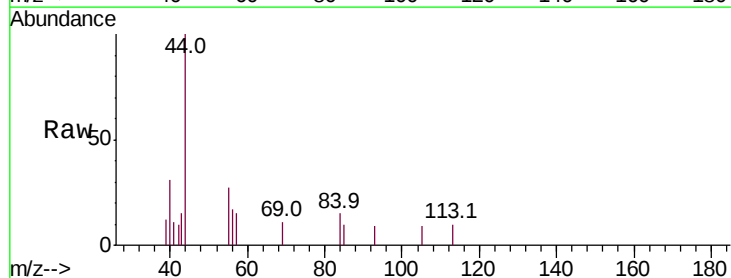
Tgt Ion: 93 Resp: 114

Ion Ratio Lower Upper

93 100

95 0.0 26.3 39.5#

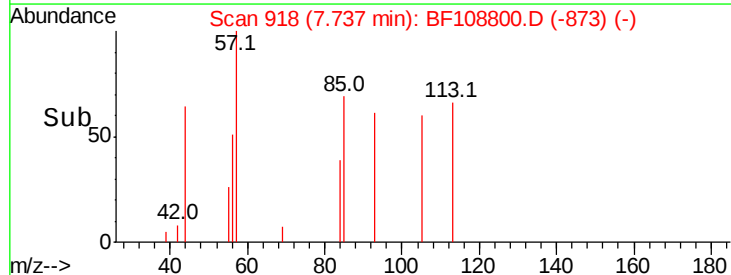
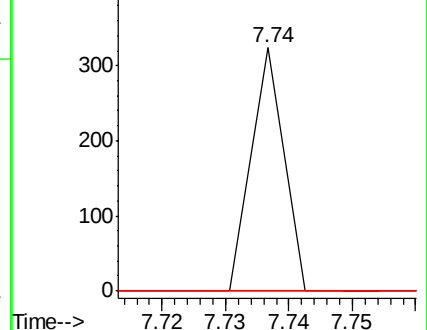
123 0.0 9.8 14.6#

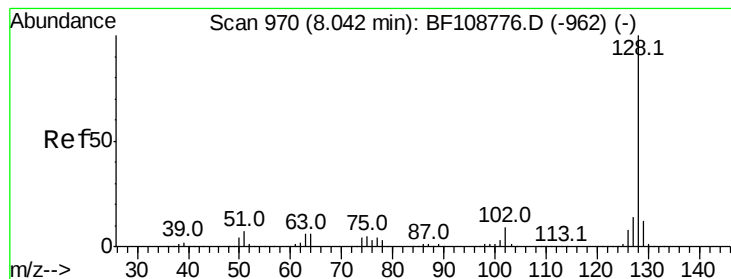


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1





#31

Naphthalene

Concen: 0.215 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampleId :

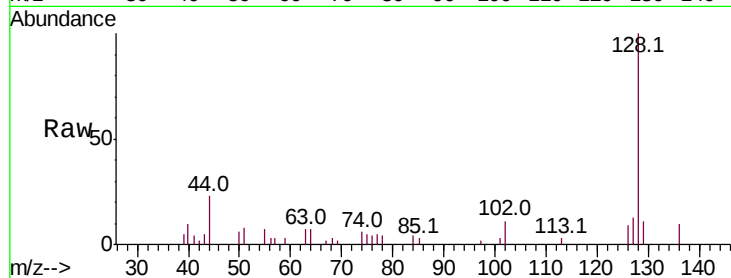
Tot Ion:128 Resp: 10113

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

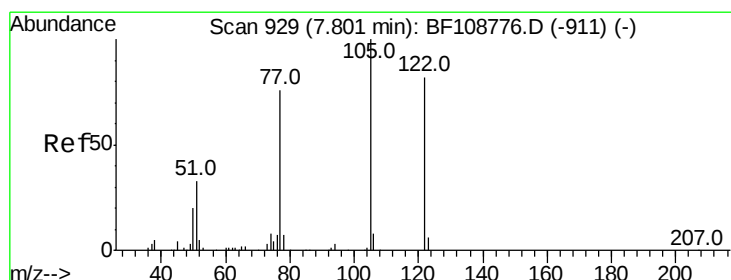
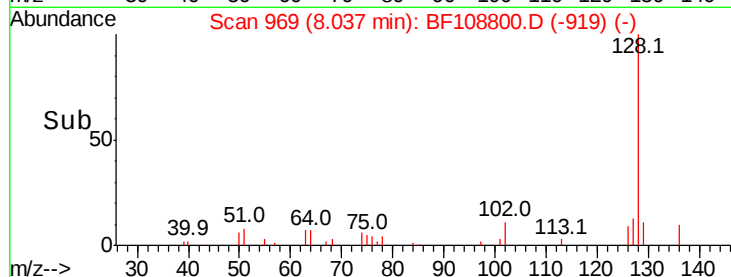
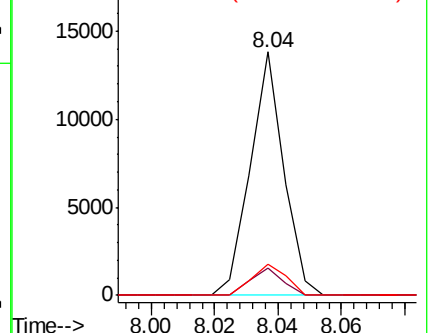
127 12.8 10.9 16.3



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: 4.048 ng

RT: 8.01 min Scan# 965

Delta R.T. 0.21 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

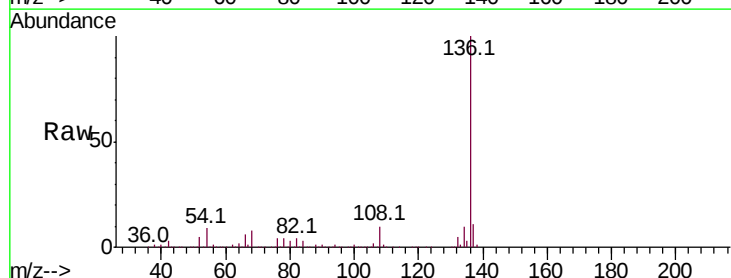
Tgt Ion:122 Resp: 281

Ion Ratio Lower Upper

122 100

105 173.1 101.1 141.1#

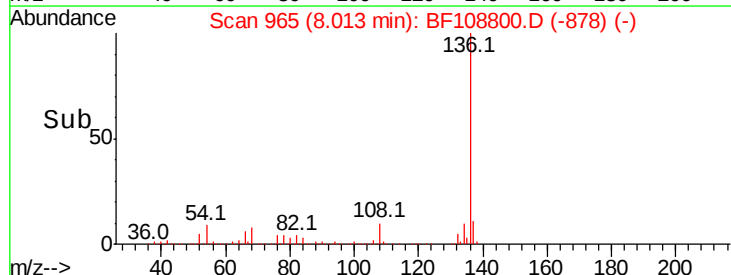
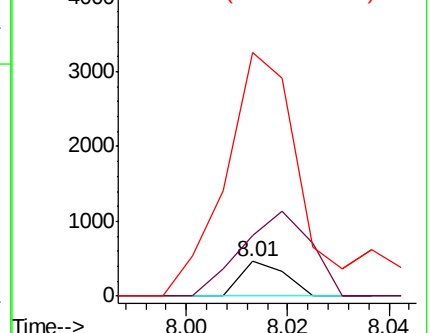
77 700.0 70.7 110.7#

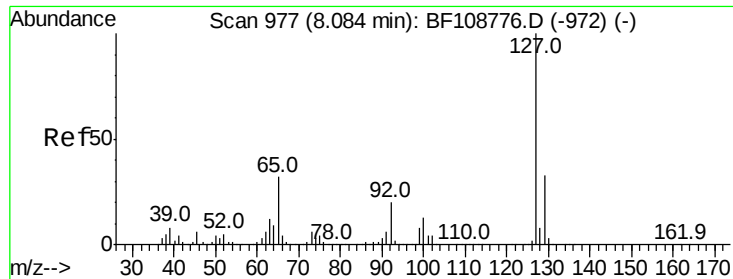


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

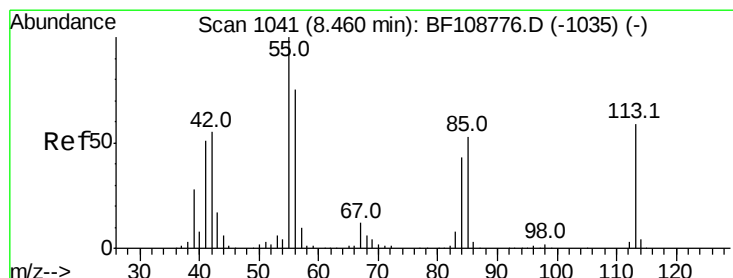
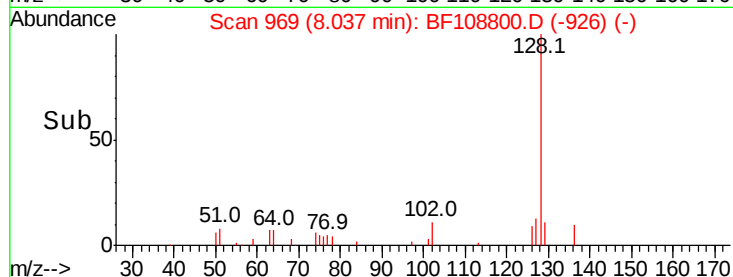
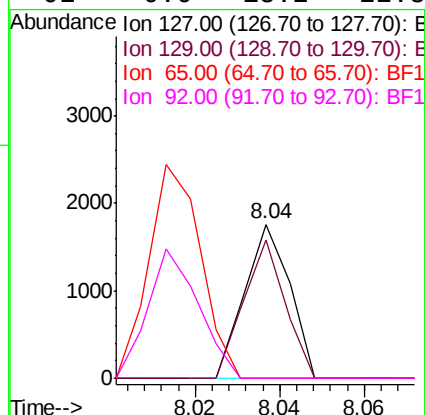
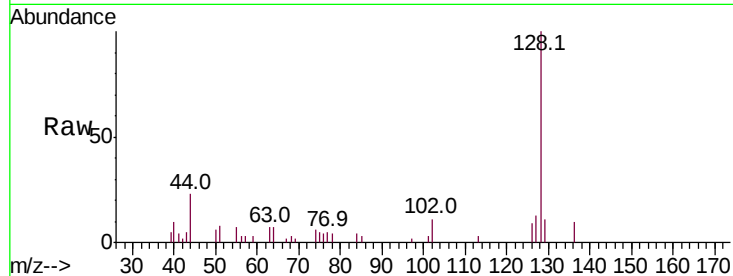




#33
4-Chloroaniline
Concen: 0.060 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

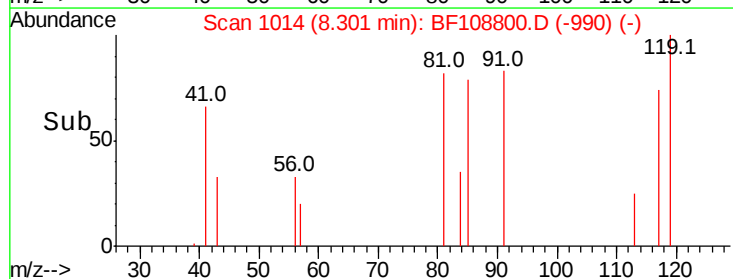
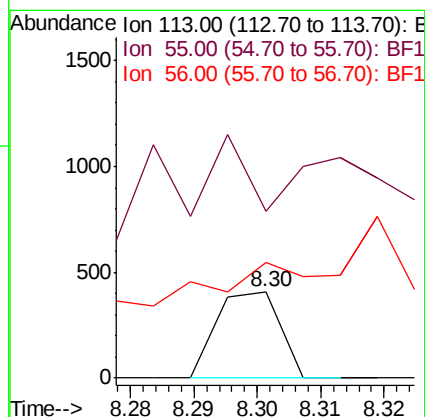
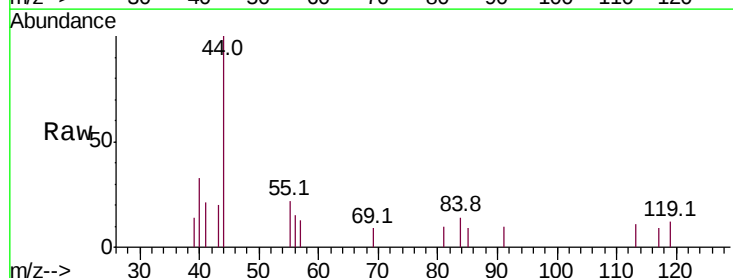
Instrument :
BNA_F
ClientSampleId :

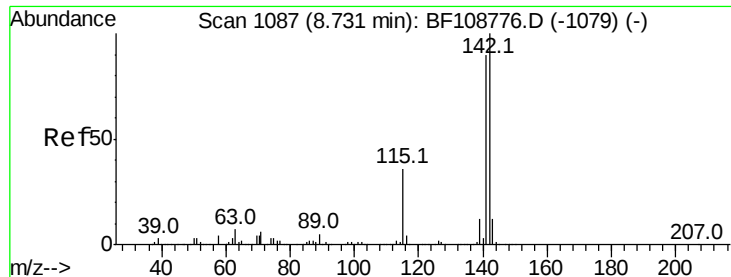
Tot Ion:	127	Resp:	1301
Ion	Ratio	Lower	Upper
127	100		
129	89.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#35
Caprolactam
Concen: 0.056 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.16 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion:	113	Resp:	280
Ion	Ratio	Lower	Upper
113	100		
55	192.9	163.3	203.3
56	134.2	115.7	155.7

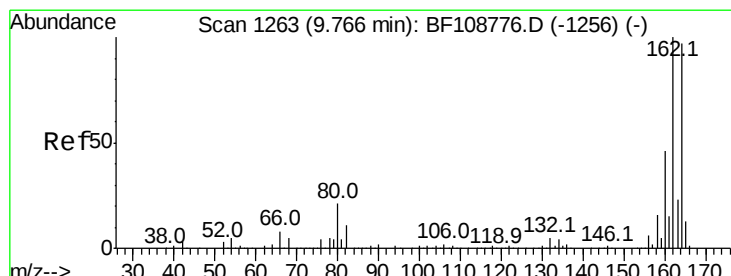
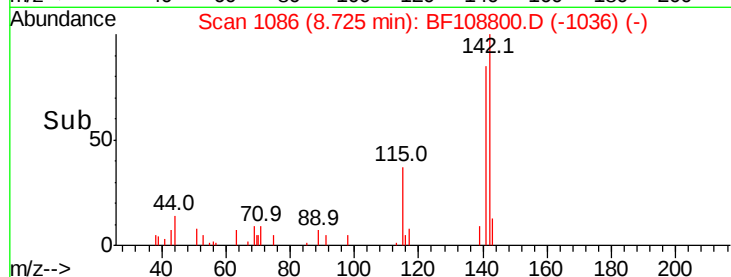
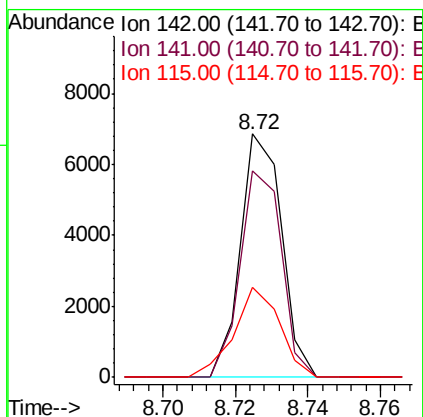
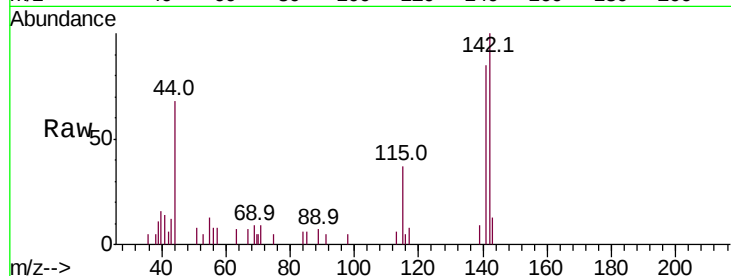




#37
 2-Methylnaphthalene
 Concen: 0.176 ng
 RT: 8.72 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF108800.D
 Acq: 6 Sep 2018 3:06

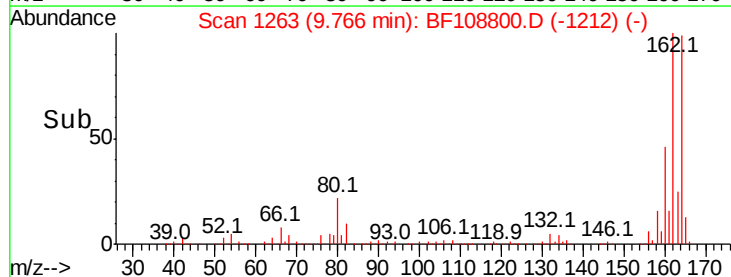
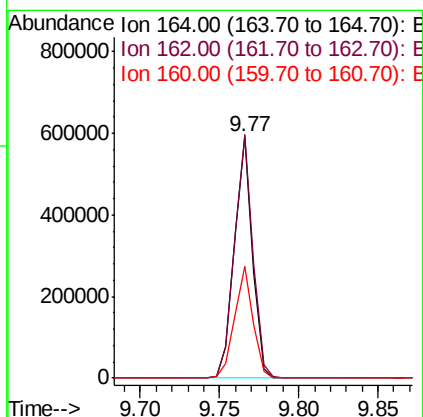
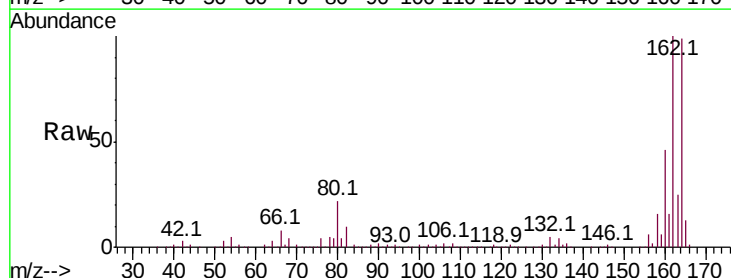
Instrument :
 BNA_F
 ClientSampleId :

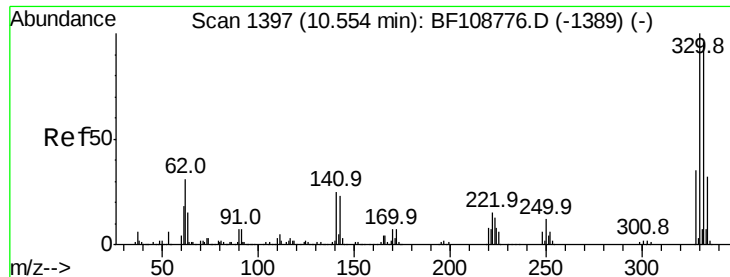
Tot Ion:142 Resp: 5454
 Ion Ratio Lower Upper
 142 100
 141 84.8 70.8 106.2
 115 36.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF108800.D
 Acq: 6 Sep 2018 3:06

Tgt Ion:164 Resp: 467570
 Ion Ratio Lower Upper
 164 100
 162 100.9 86.1 129.1
 160 46.5 38.3 57.5

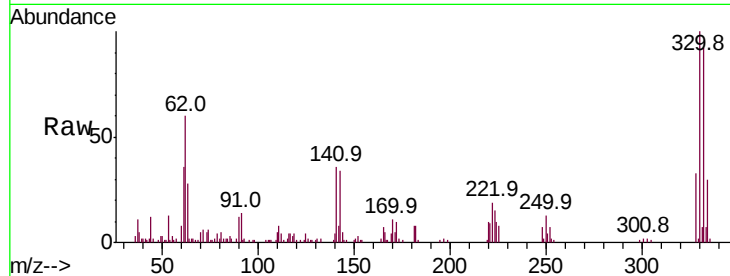




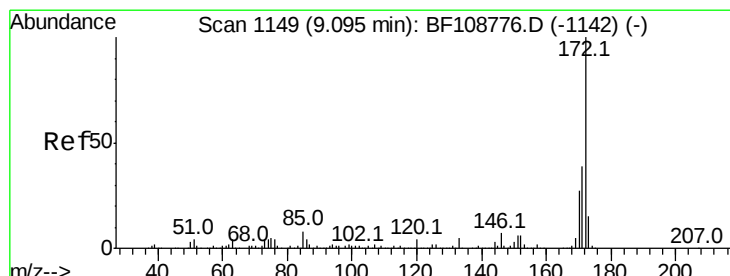
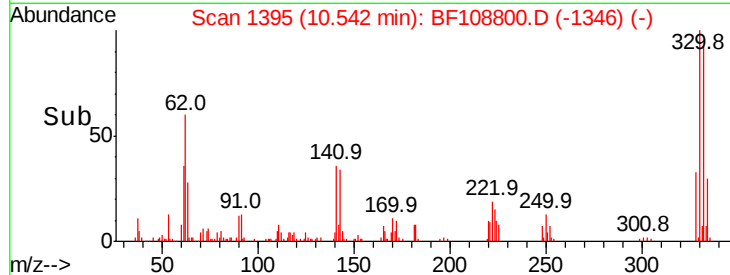
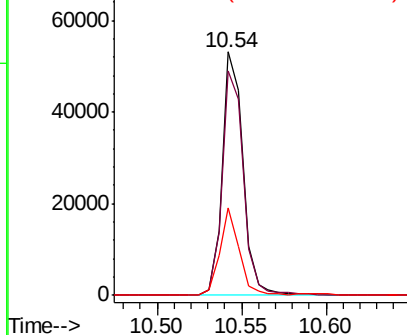
#41
 2,4,6-Tribromophenol
 Concen: 10.243 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108800.D
 Acq: 6 Sep 2018 3:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 45720
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 33.6 29.9 44.9

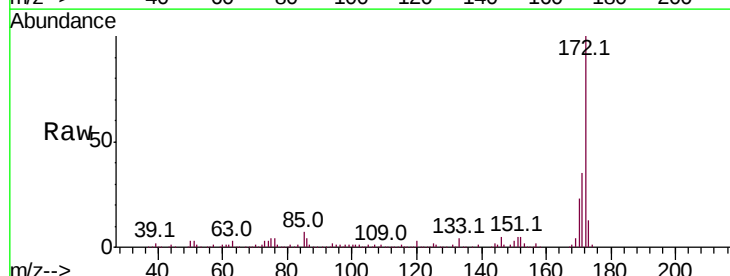


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

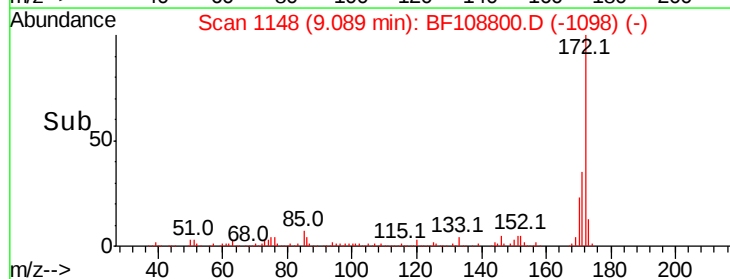
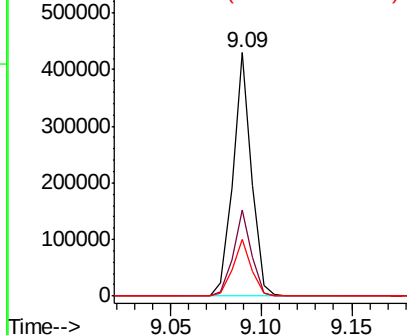


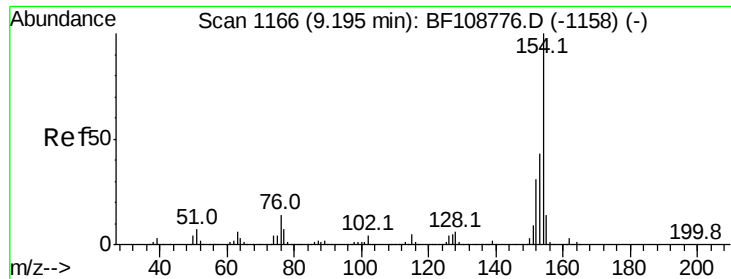
#44
 2-Fluorobiphenyl
 Concen: 11.153 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108800.D
 Acq: 6 Sep 2018 3:06

Tgt Ion:172 Resp: 305671
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.2 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: 0.078 ng

RT: 9.19 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampled :

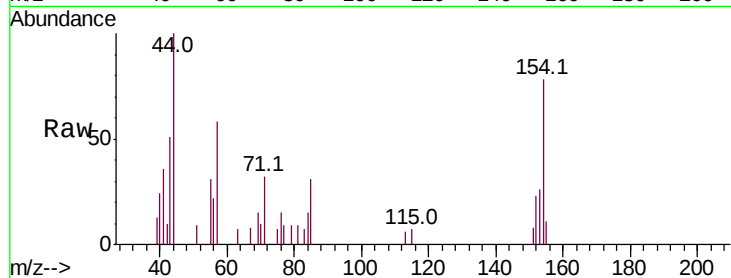
Tot Ion:154 Resp: 2815

Ion Ratio Lower Upper

154 100

153 32.6 21.3 61.3

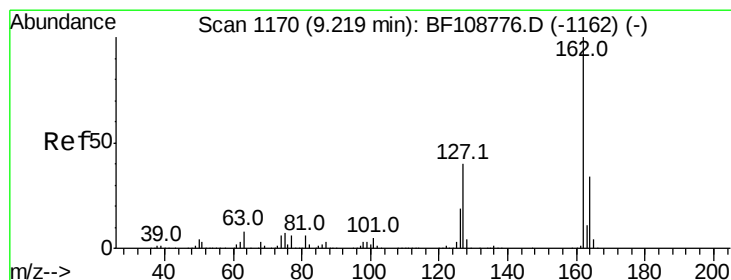
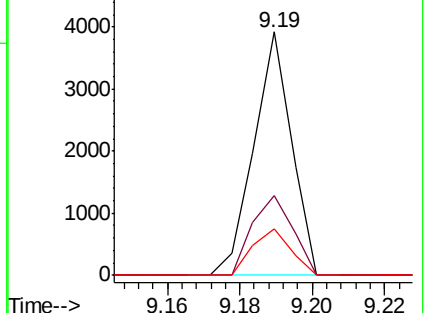
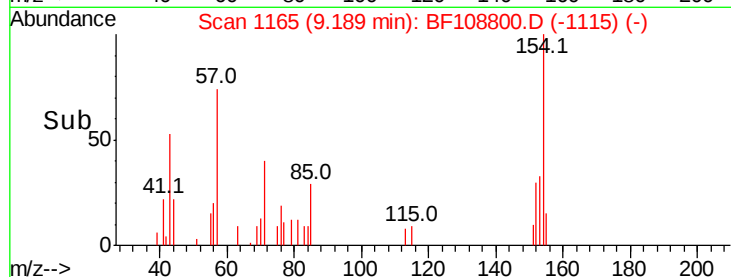
76 19.1 0.0 34.0



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: 0.021 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.26 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

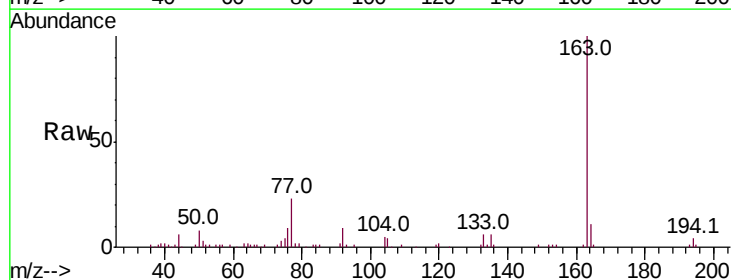
Tgt Ion:162 Resp: 604

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

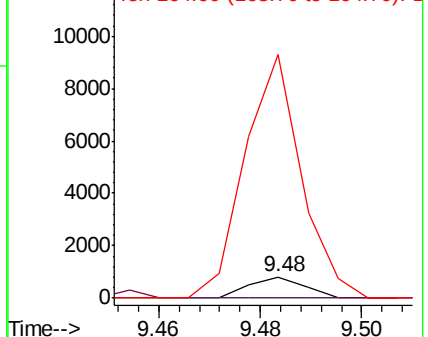
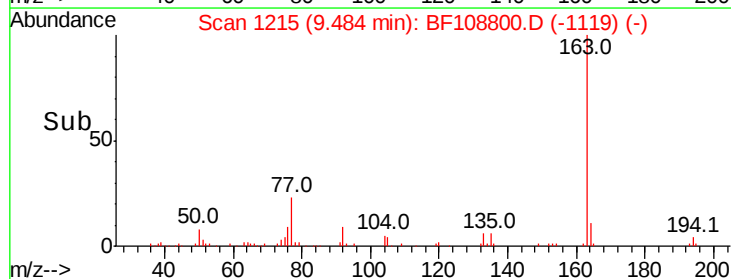
164 1166.5 26.5 39.7#

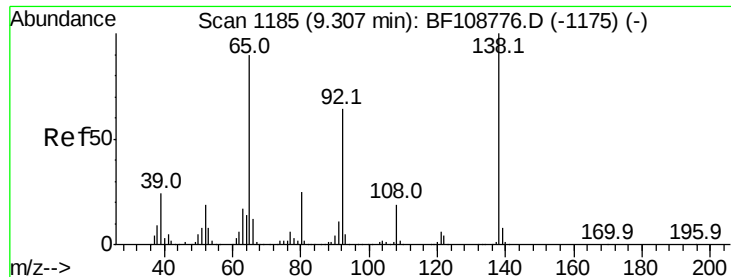


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

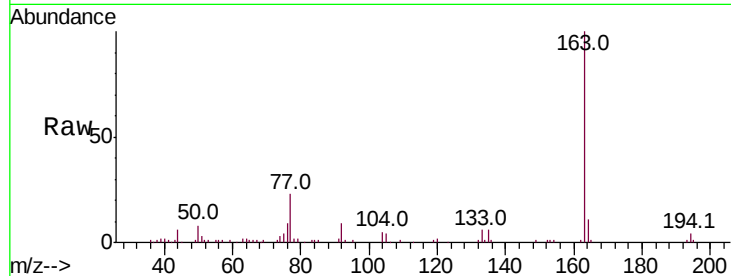




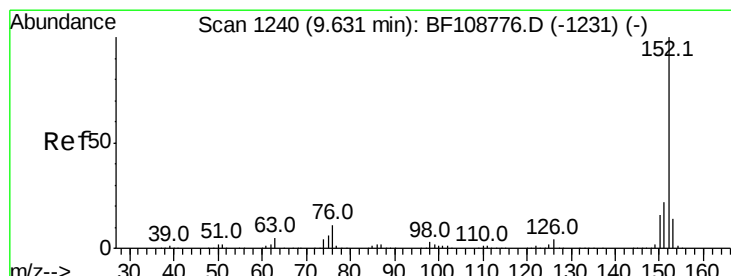
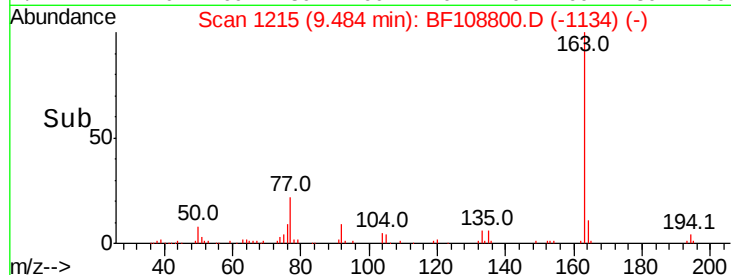
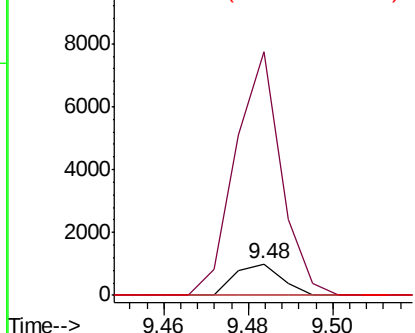
#47
2-Nitroaniline
Concen: 0.096 ng
RT: 9.48 min Scan# 1215
Delta R.T. 0.18 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 764
Ion Ratio Lower Upper
65 100
92 775.1 55.8 83.6#
138 0.0 91.2 136.8#

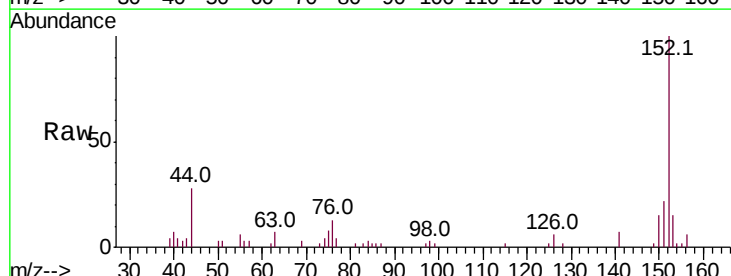


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

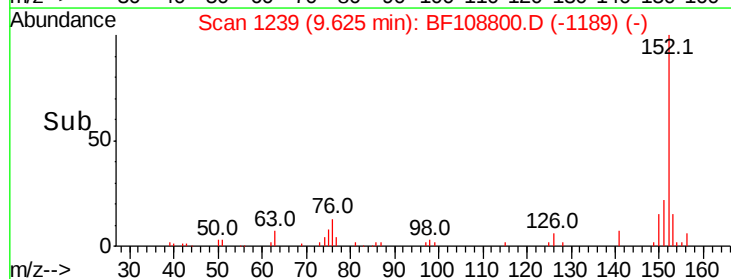
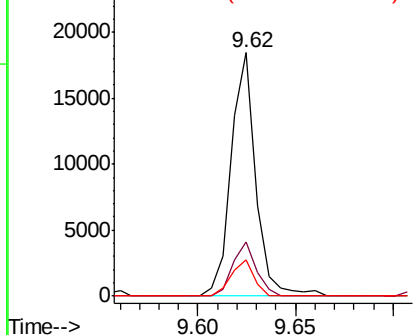


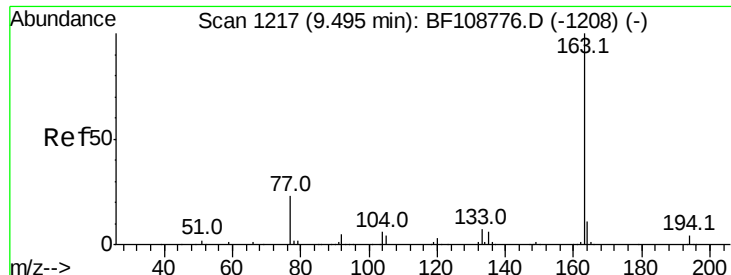
#48
Acenaphthylene
Concen: 0.374 ng
RT: 9.62 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion: 152 Resp: 16227
Ion Ratio Lower Upper
152 100
151 22.3 16.3 24.5
153 15.1 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

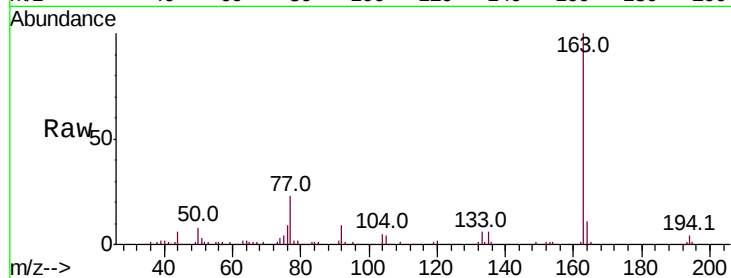




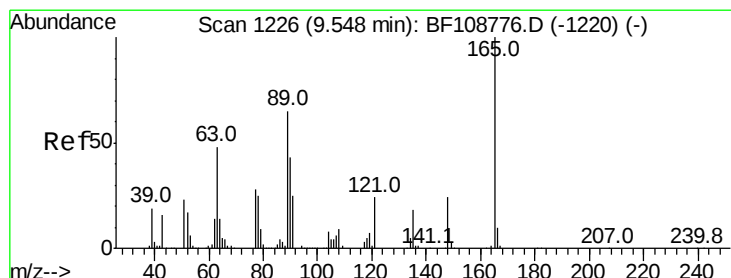
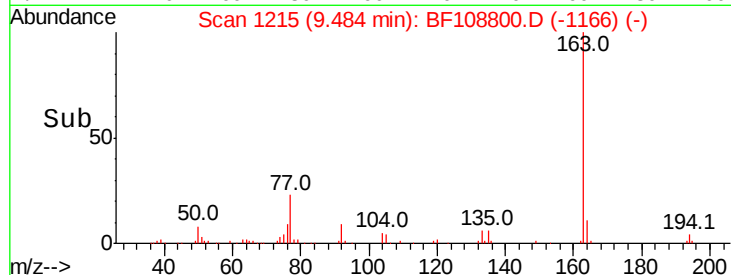
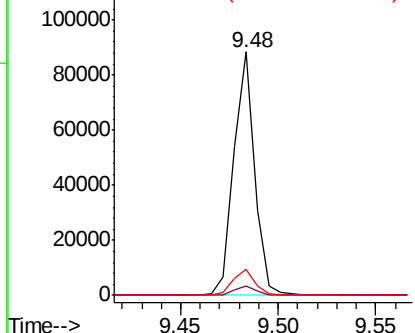
#49
Dimethylphthalate
Concen: 2.007 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.5	8.2	12.2

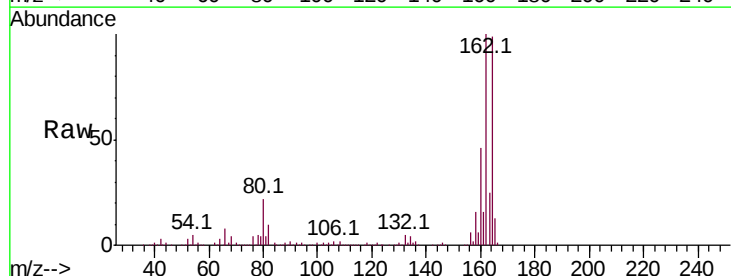


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

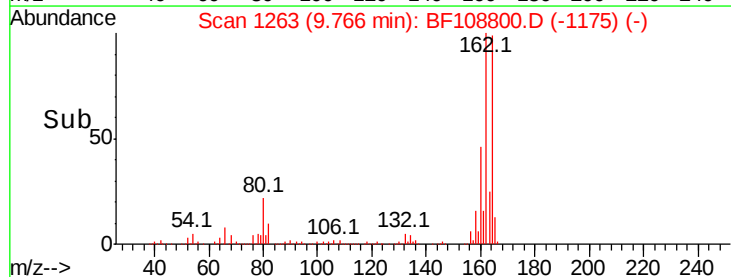
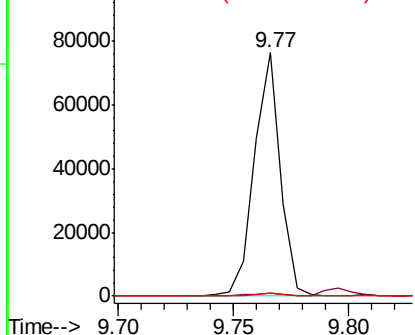


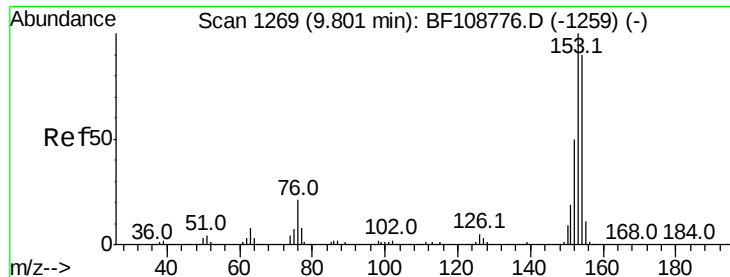
#50
2,6-Dinitrotoluene
Concen: 9.661 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt 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: 0.829 ng

RT: 9.80 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

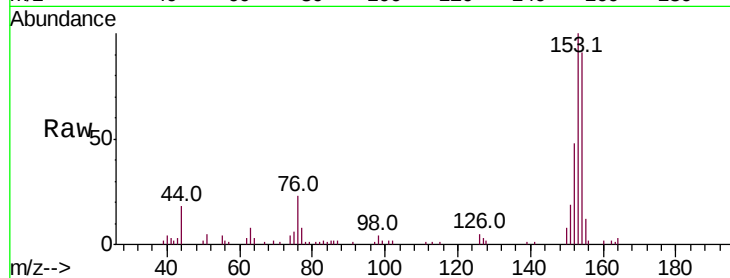
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 22267

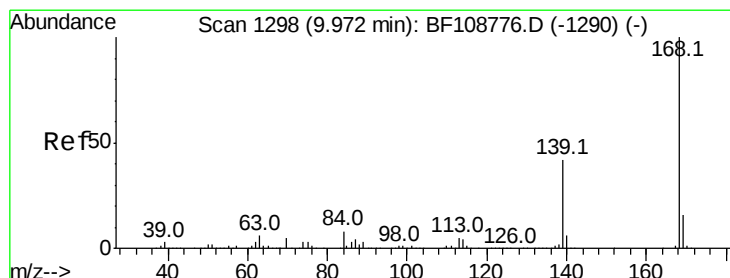
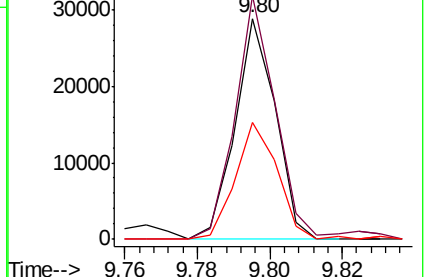
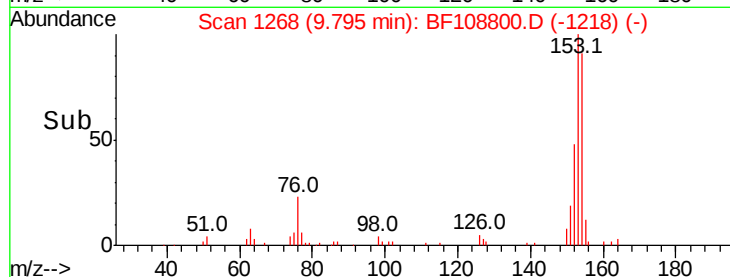
Ion	Ratio	Lower	Upper
154	100		
153	110.3	91.2	136.8
152	52.9	43.8	65.8



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: 0.340 ng

RT: 9.97 min Scan# 1297

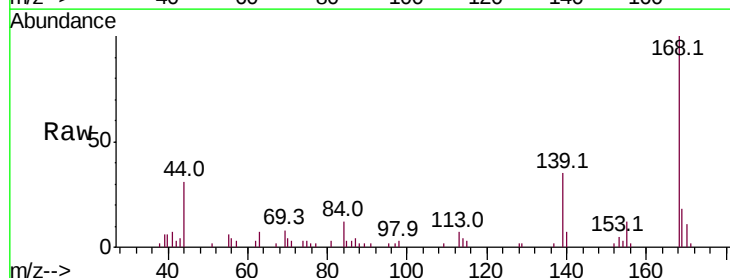
Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Tgt Ion:168 Resp: 13294

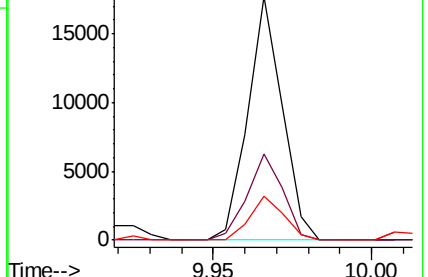
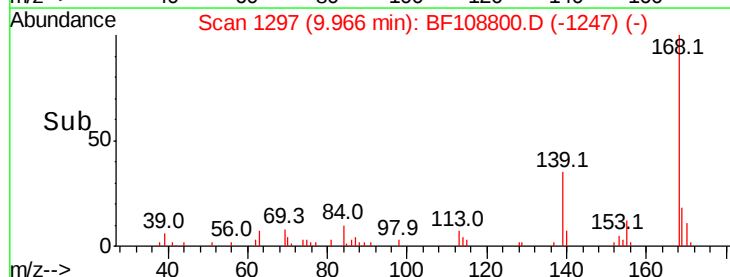
Ion	Ratio	Lower	Upper
168	100		
139	35.3	30.1	45.1
169	18.0	10.9	16.3#

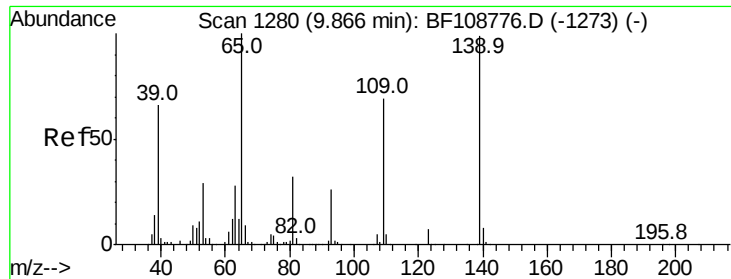


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

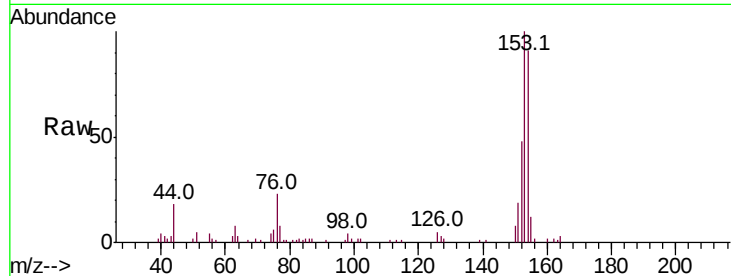




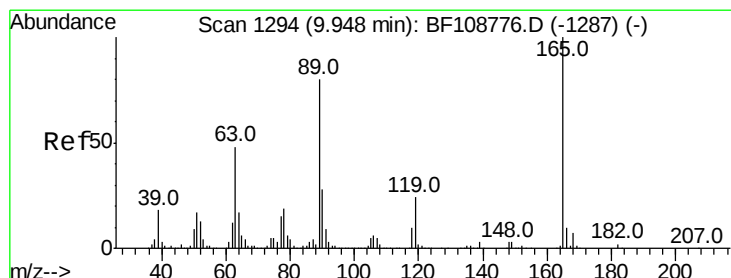
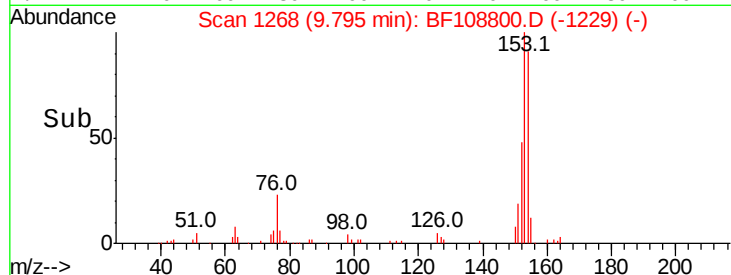
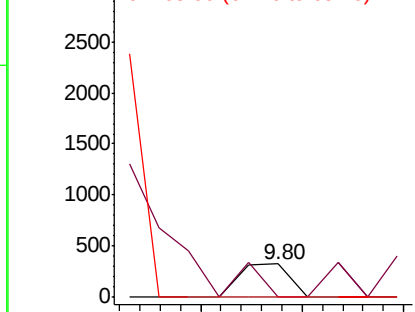
#55
4-Nitrophenol
Concen: 0.041 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.07 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 226
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

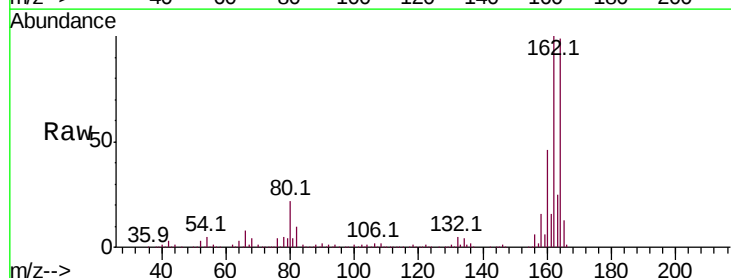


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

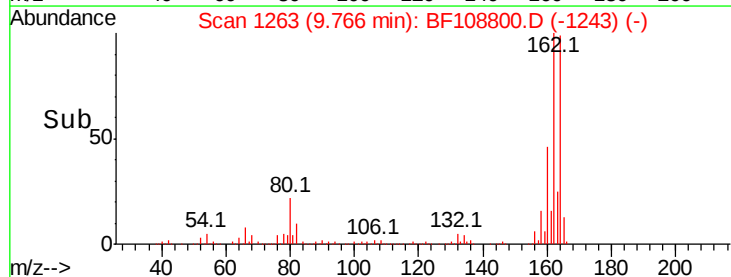
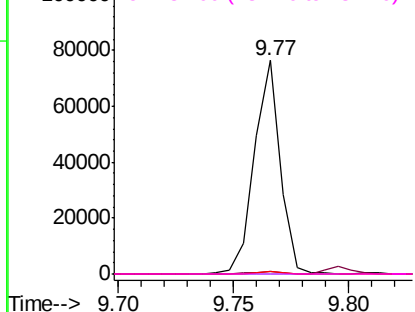


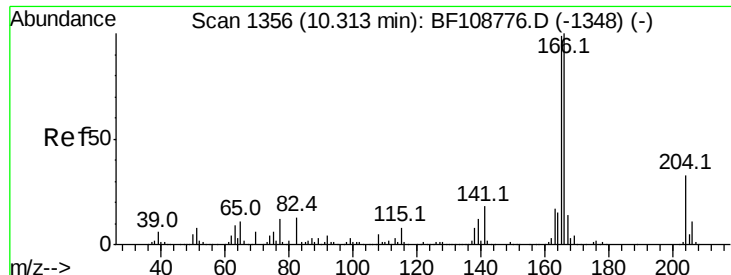
#56
2,4-Dinitrotoluene
Concen: 7.555 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion:165 Resp: 60206
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

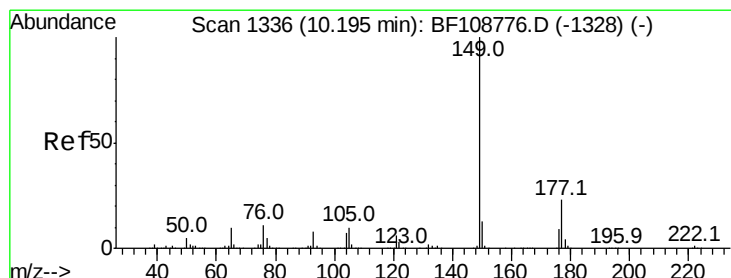
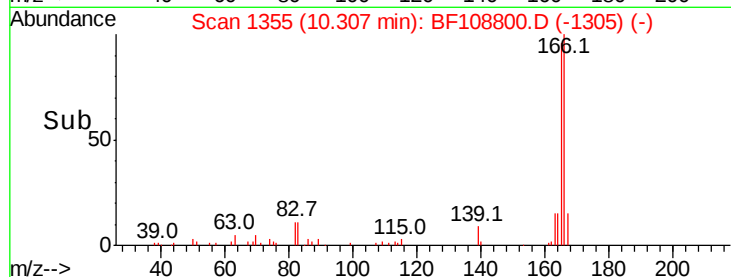
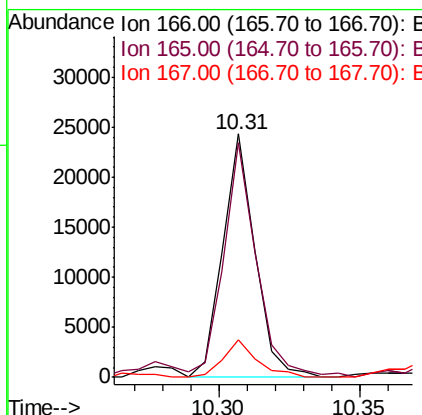
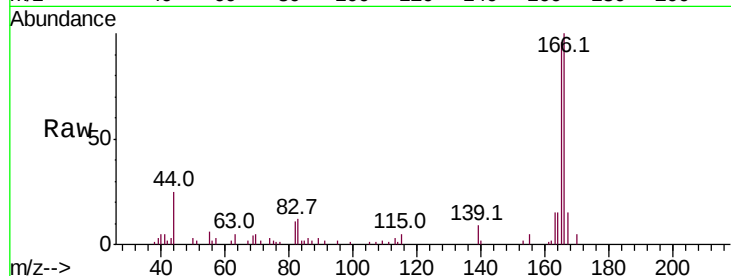




#57
Fluorene
Concen: 0.769 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

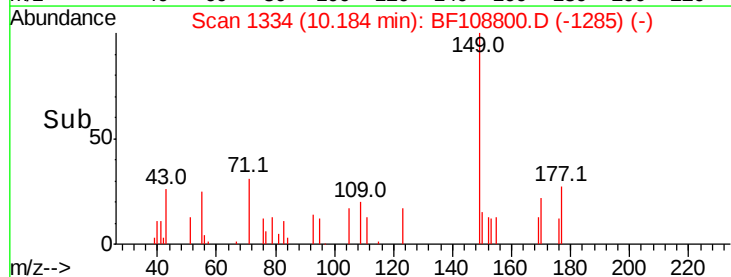
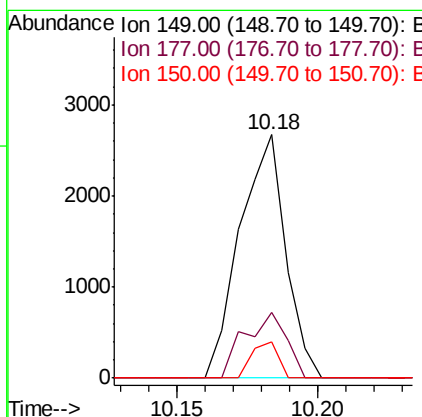
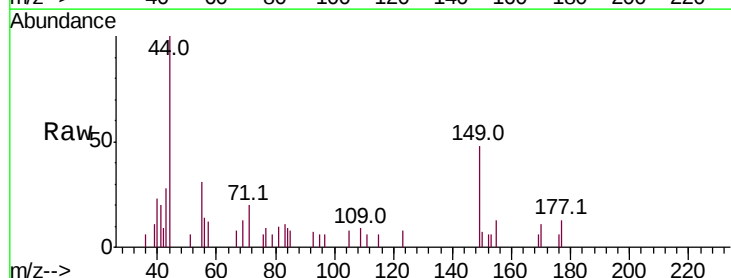
Instrument :
BNA_F
ClientSampleId :

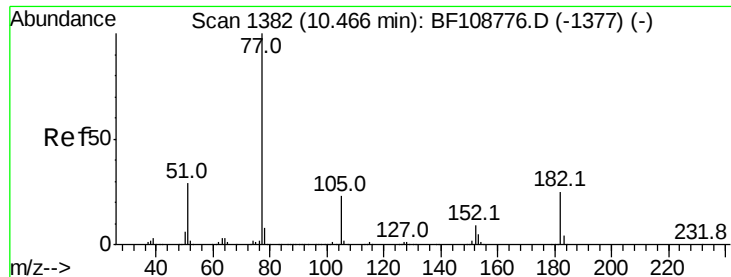
Tot Ion:166 Resp: 19305
Ion Ratio Lower Upper
166 100
165 96.3 79.8 119.8
167 15.3 10.6 16.0



#59
Diethylphthalate
Concen: 0.089 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion:149 Resp: 3004
Ion Ratio Lower Upper
149 100
177 27.2 16.1 24.1#
150 14.8 10.1 15.1

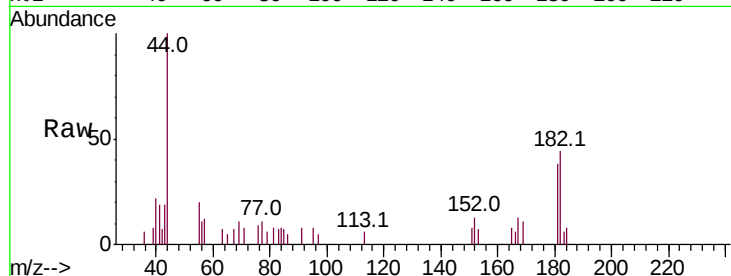




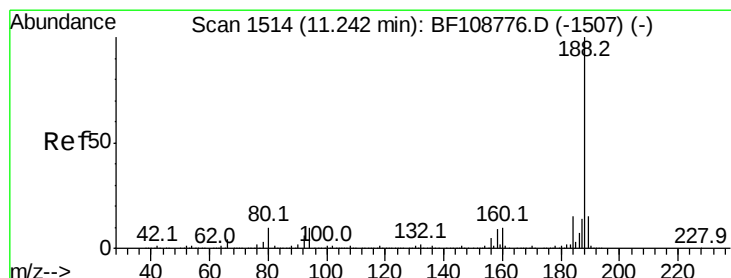
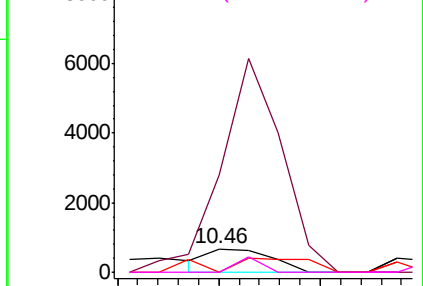
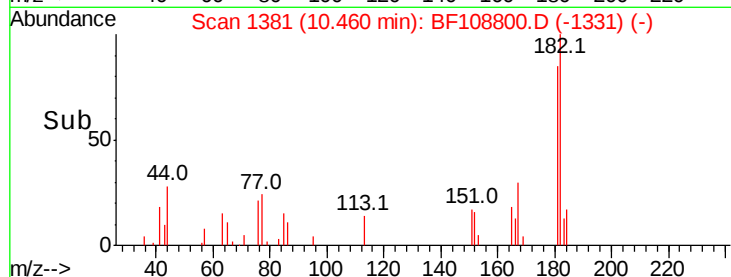
#62
Azobenzene
Concen: 0.017 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 593
Ion Ratio Lower Upper
77 100
182 409.4 1.7 41.7#
105 0.0 3.0 43.0#
51 0.0 9.9 49.9#

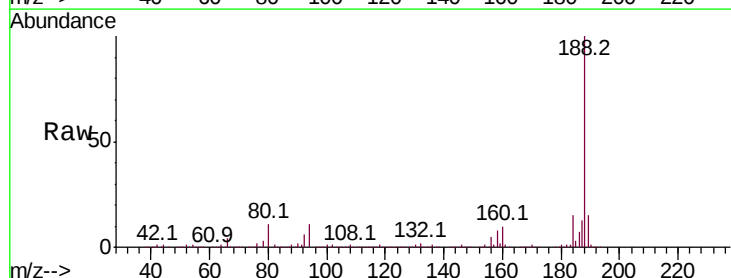


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

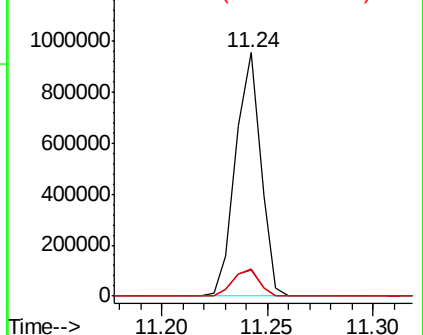
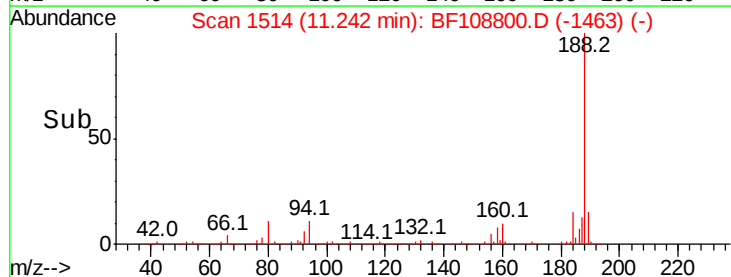


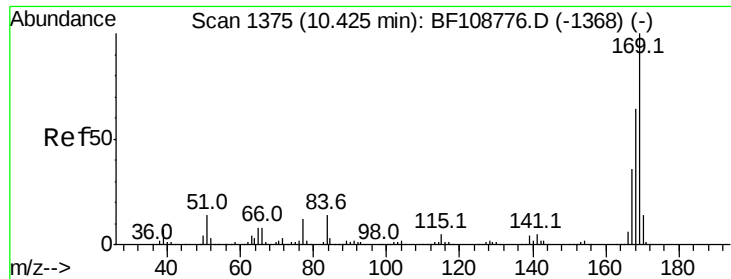
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion: 188 Resp: 785529
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.4 9.2 13.8



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

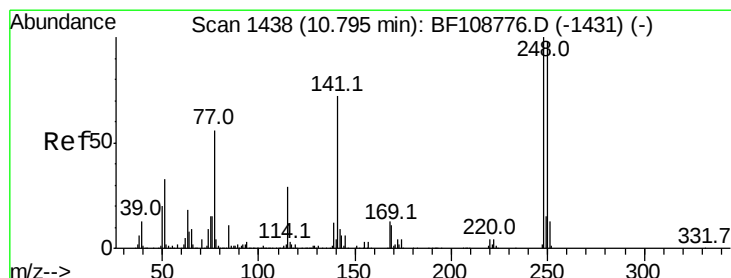
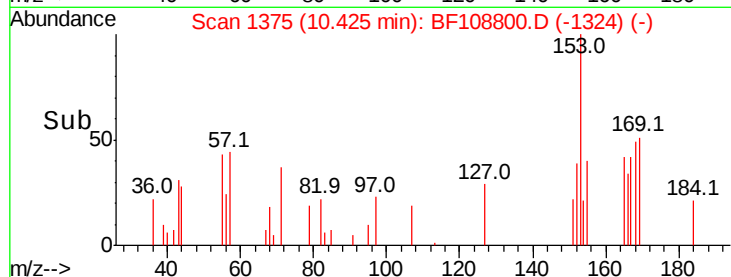
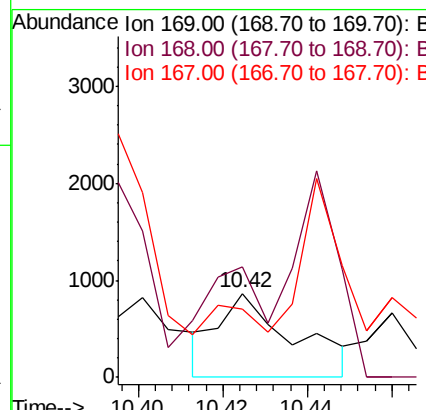
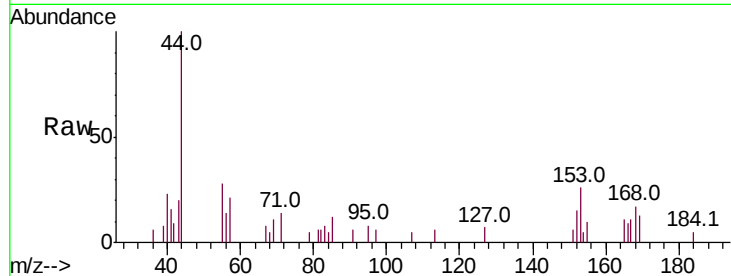




#65
n-Nitrosodiphenylamine
Concen: 0.041 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

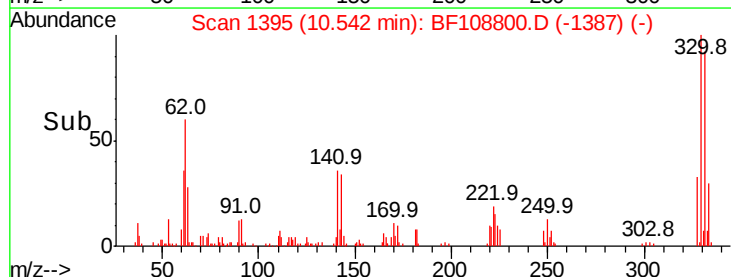
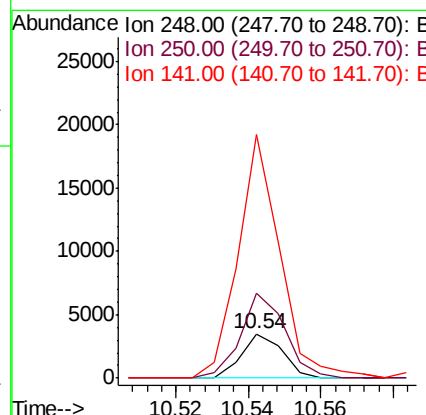
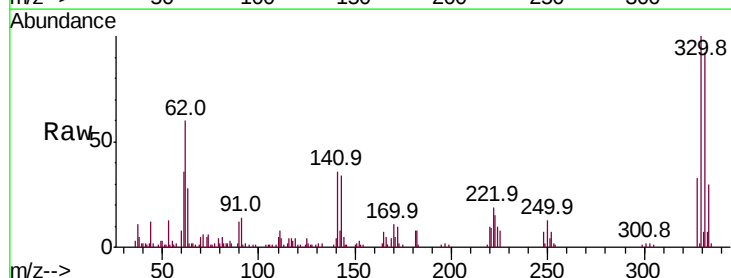
Instrument :
BNA_F
ClientSampleId :

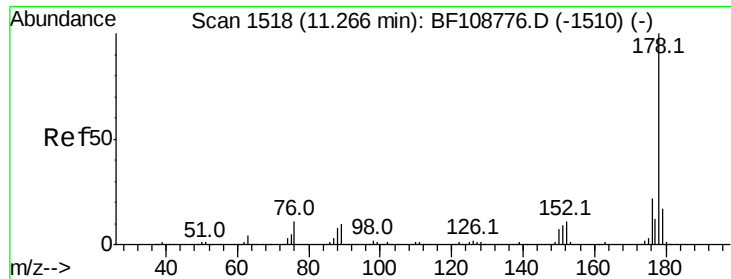
Tot Ion:169 Resp: 1065
Ion Ratio Lower Upper
169 100
168 132.4 54.4 81.6#
167 81.9 29.8 44.6#



#66
4-Bromophenyl-phenylether
Concen: 0.307 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion:248 Resp: 2727
Ion Ratio Lower Upper
248 100
250 192.1 76.9 115.3#
141 551.0 74.4 111.6#

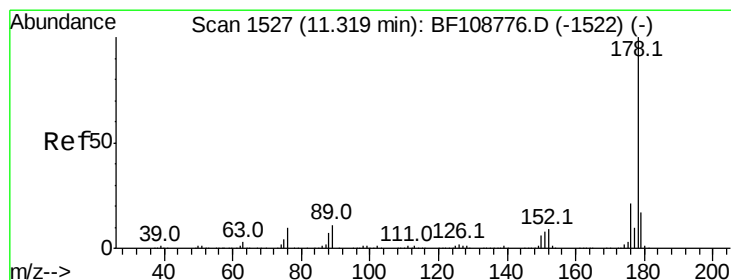
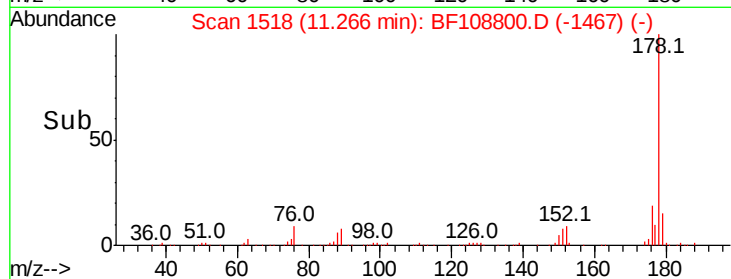
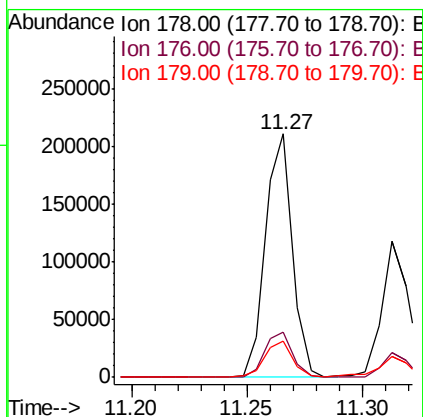
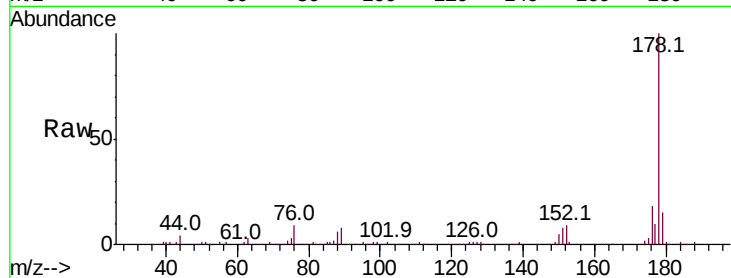




#70
Phenanthrene
Concen: 4.577 ng
RT: 11.27 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

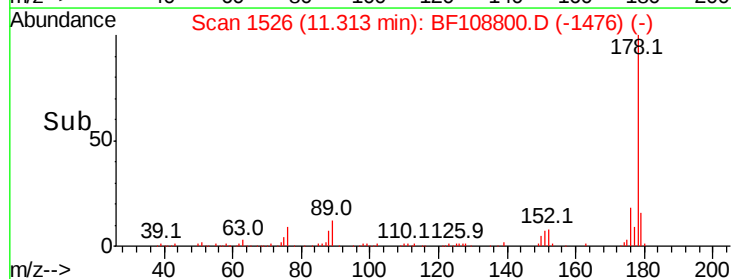
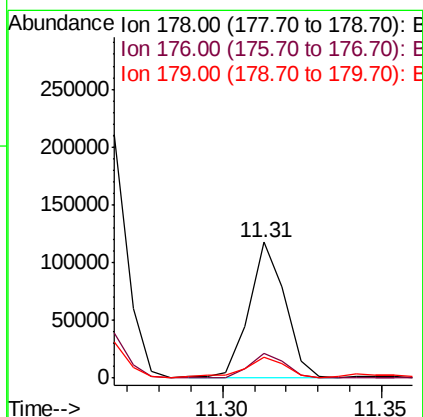
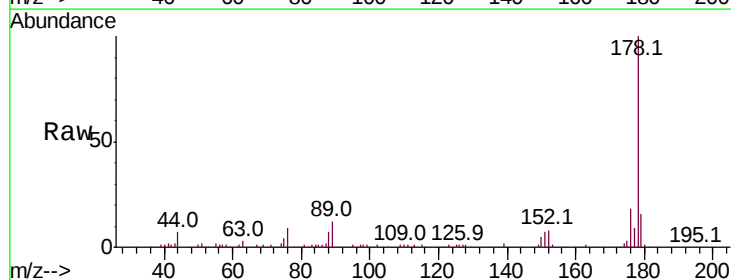
Instrument :
BNA_F
ClientSampleId :

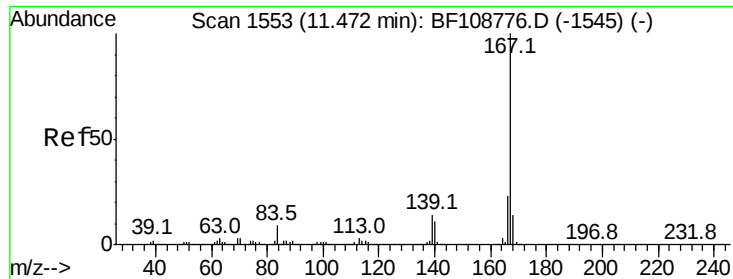
Tot Ion:178 Resp: 171689
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.8
179 14.8 13.0 19.6



#71
Anthracene
Concen: 2.535 ng
RT: 11.31 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion:178 Resp: 91058
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.9 12.6 19.0





#72

Carbazole

Concen: 0.433 ng

RT: 11.47 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampleId :

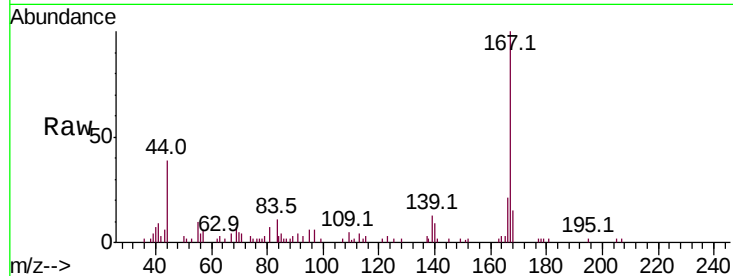
Tot Ion:167 Resp: 16396

Ion Ratio Lower Upper

167 100

166 21.4 17.6 26.4

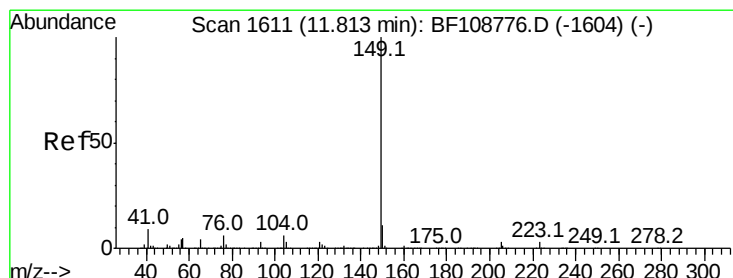
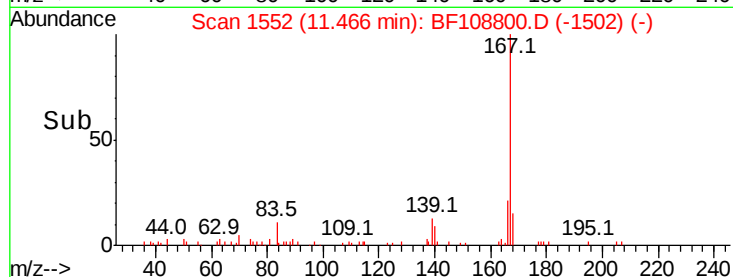
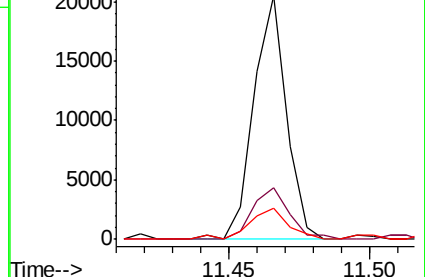
139 12.8 10.9 16.3



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: 0.311 ng

RT: 11.81 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

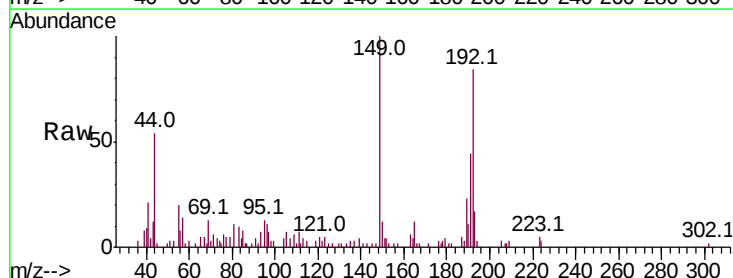
Tgt Ion:149 Resp: 13073

Ion Ratio Lower Upper

149 100

150 12.1 7.8 11.6#

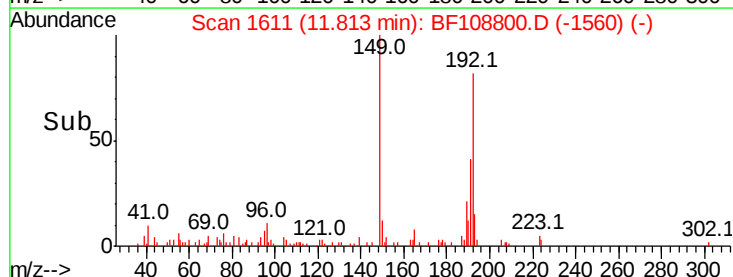
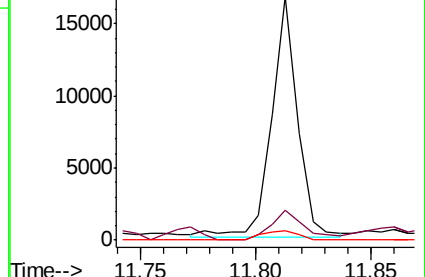
104 3.9 3.8 5.8

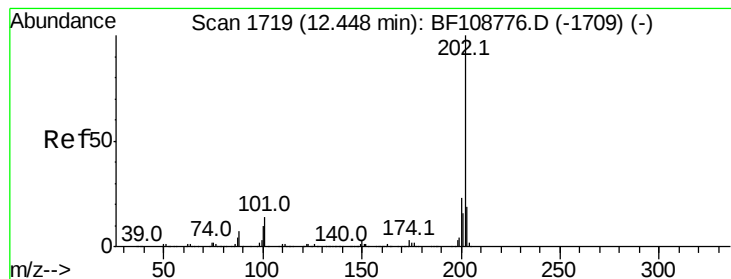


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 8.417 ng

RT: 12.45 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampled :

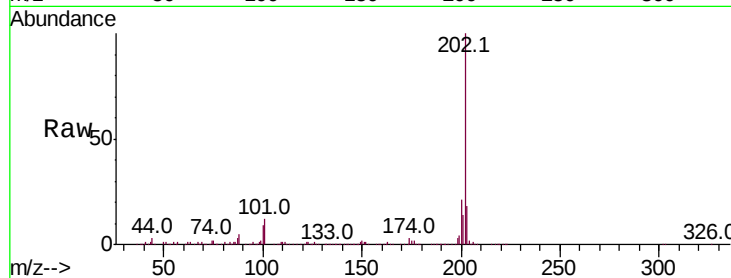
Tot Ion:202 Resp: 312620

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

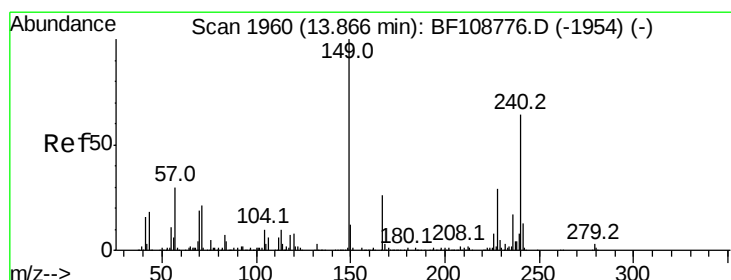
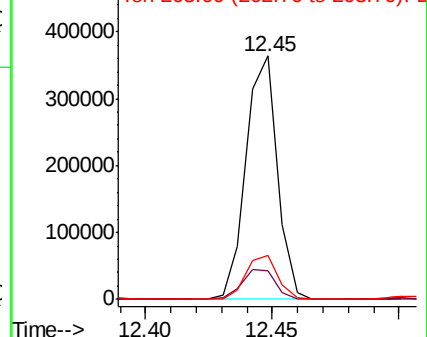
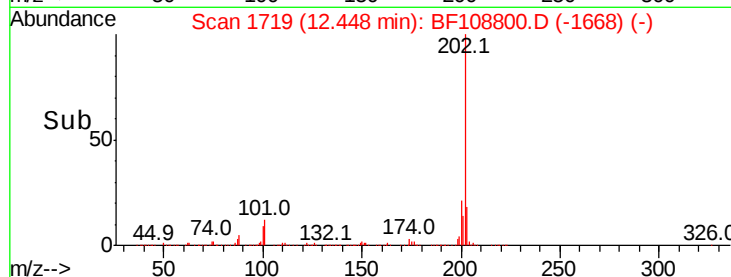
203 18.2 0.0 38.1



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: BF108800.D

Acq: 6 Sep 2018 3:06

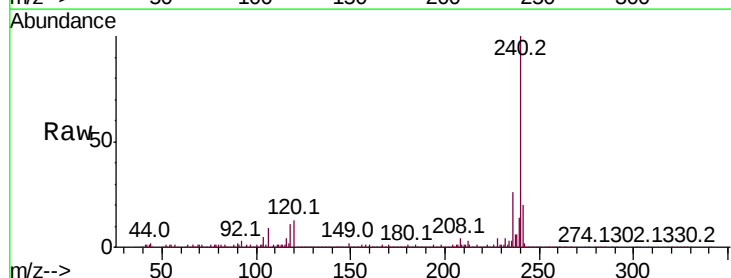
Tgt Ion:240 Resp: 630957

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

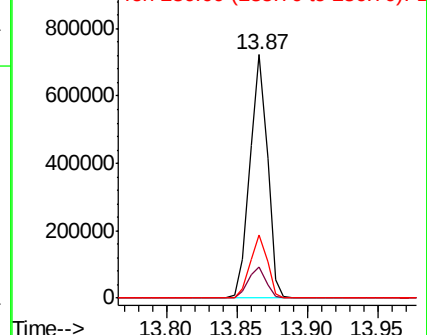
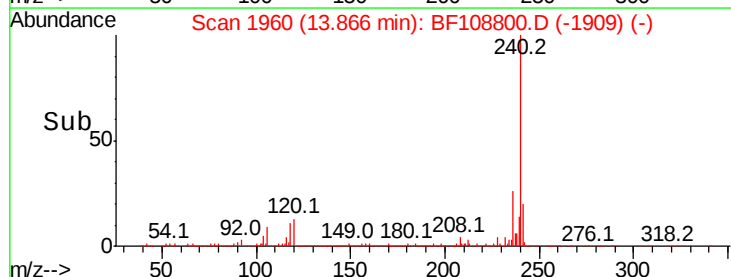
236 26.0 20.7 31.1

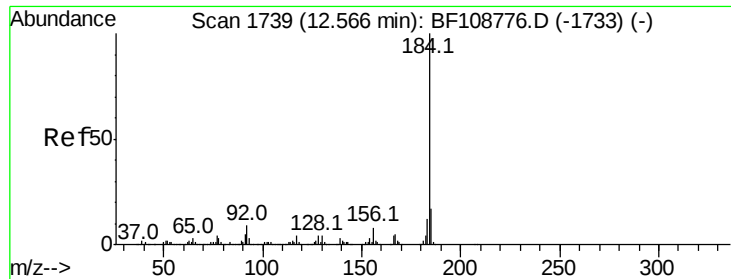


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

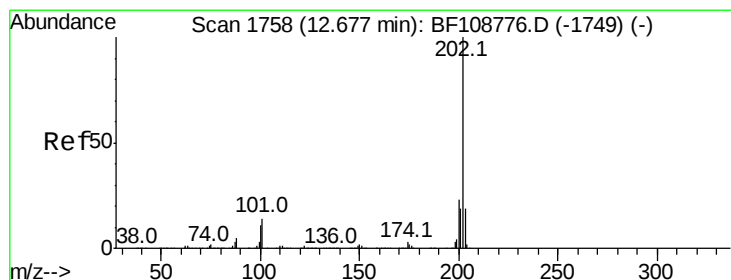
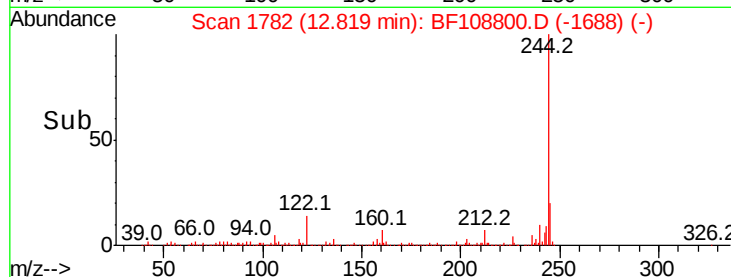
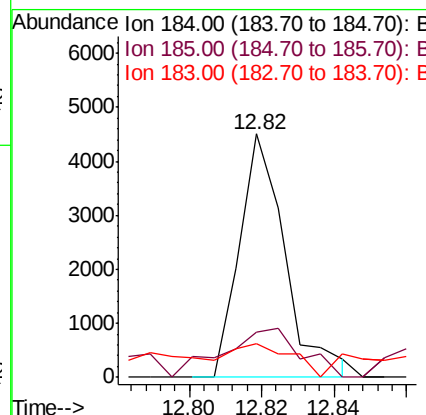
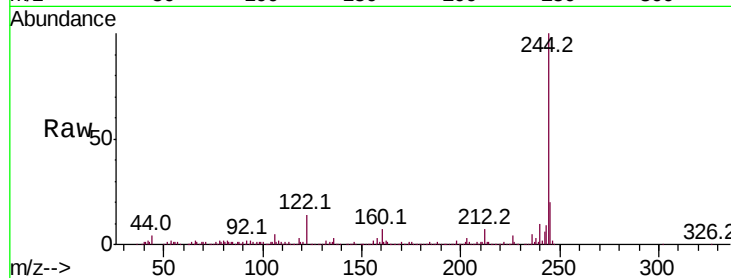




#76
Benzidine
Concen: 0.131 ng
RT: 12.82 min Scan# 1782
Delta R.T. 0.25 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

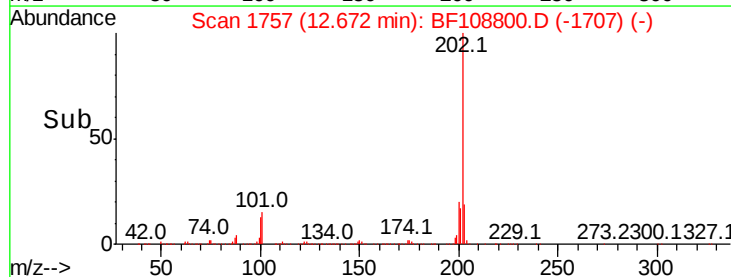
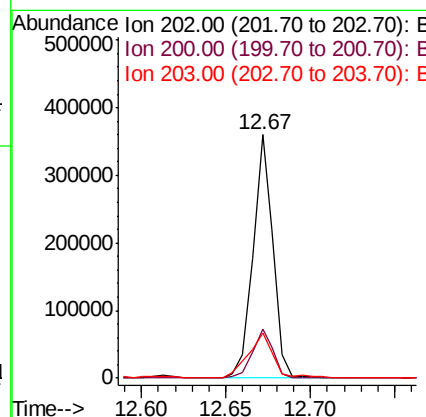
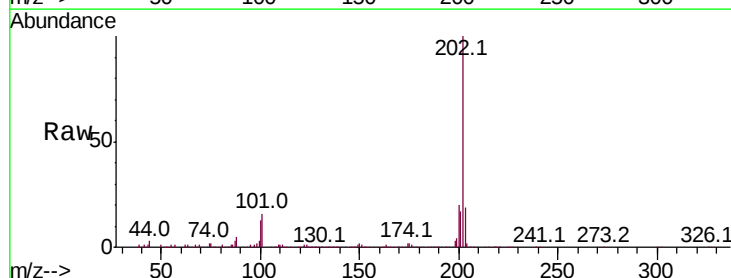
Instrument :
BNA_F
ClientSampleId :

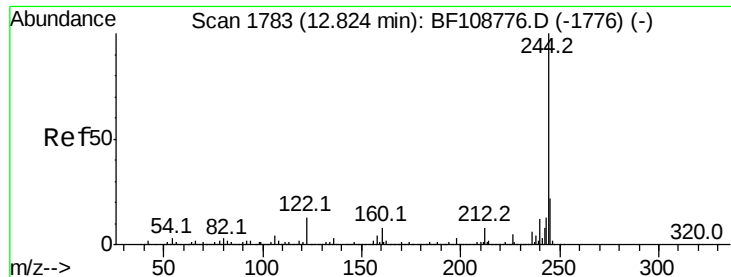
Tot Ion:184 Resp: 3931
Ion Ratio Lower Upper
184 100
185 18.6 12.6 18.8
183 13.7 9.3 13.9



#77
Pyrene
Concen: 6.096 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion:202 Resp: 295986
Ion Ratio Lower Upper
202 100
200 19.9 17.4 26.2
203 18.8 14.3 21.5





#78

Terphenyl-d14

Concen: 9.480 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampleId :

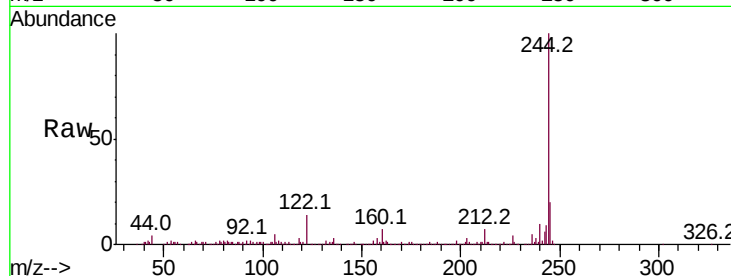
Tot Ion:244 Resp: 256497

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

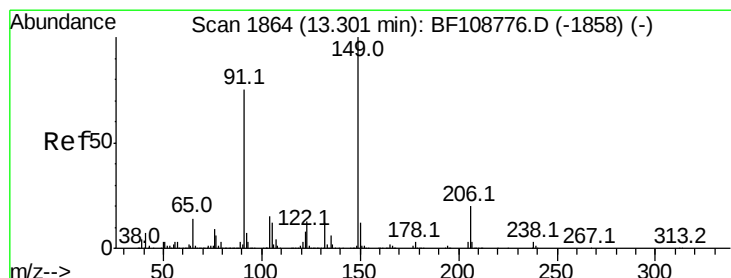
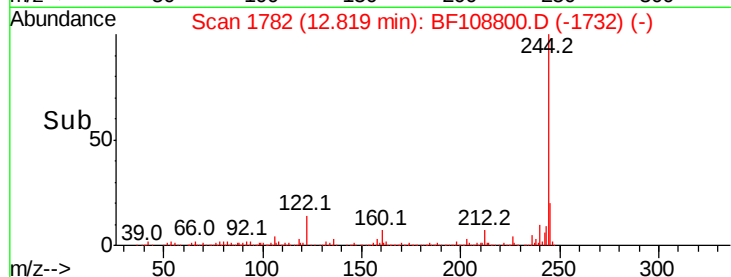
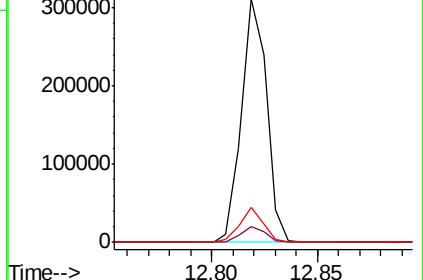
122 14.3 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 0.243 ng

RT: 13.30 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

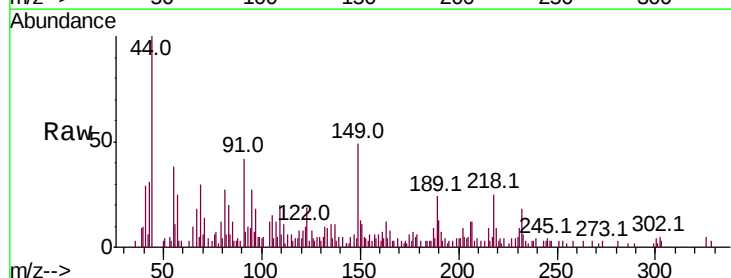
Tgt Ion:149 Resp: 5317

Ion Ratio Lower Upper

149 100

91 85.7 56.8 85.2#

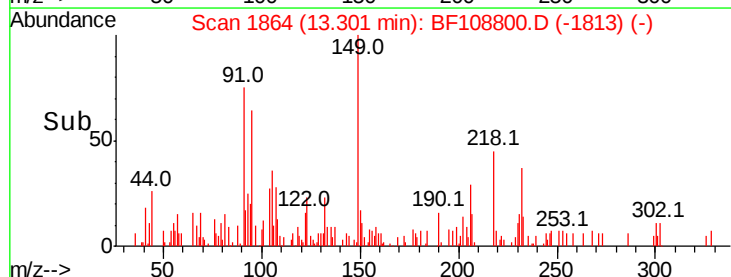
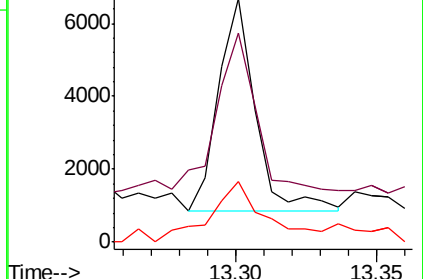
206 24.7 14.1 21.1#

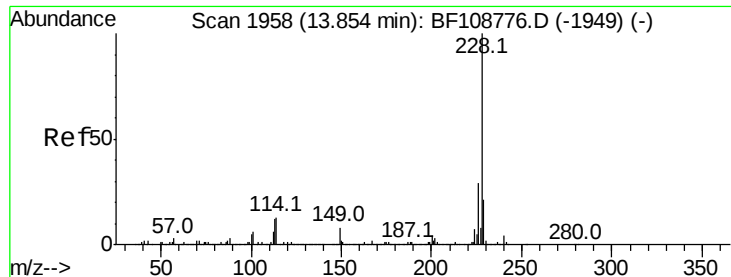


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 3.492 ng

RT: 13.85 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampleId :

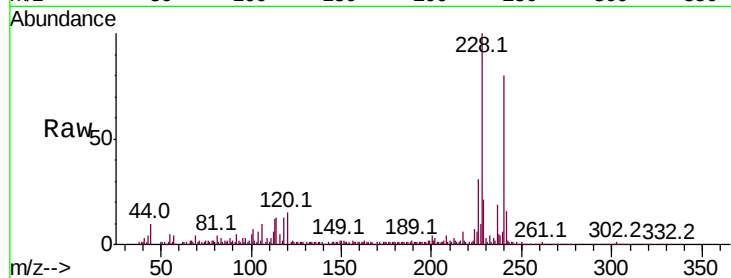
Tot Ion:228 Resp: 141205

Ion Ratio Lower Upper

228 100

226 31.3 22.6 33.8

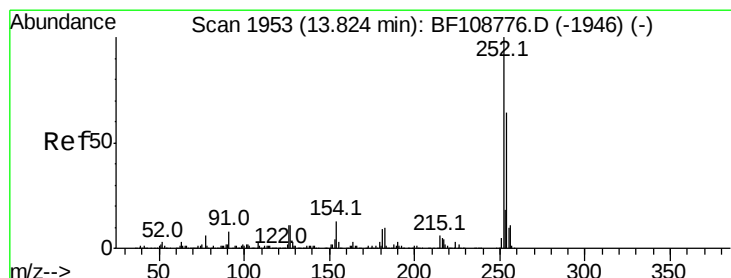
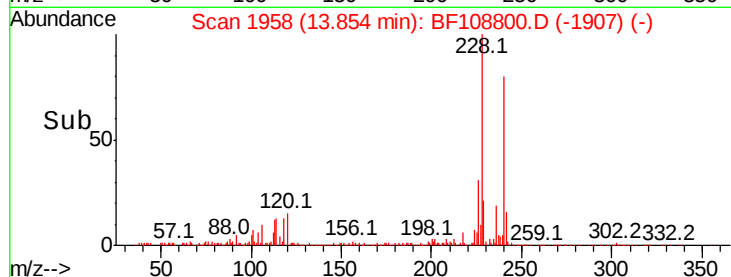
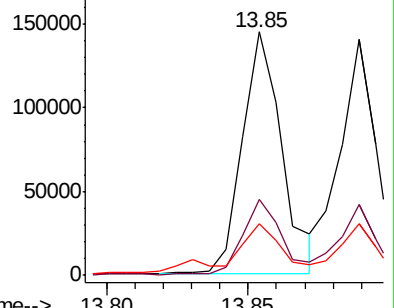
229 21.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.017 ng

RT: 13.83 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

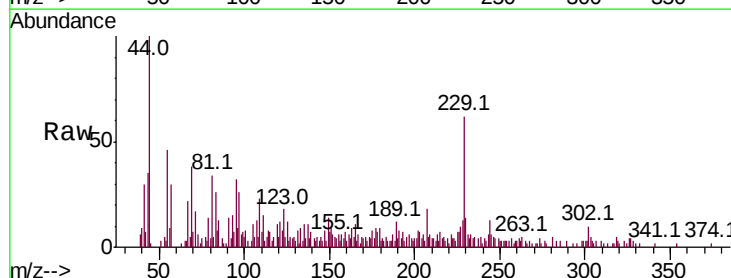
Tgt Ion:252 Resp: 275

Ion Ratio Lower Upper

252 100

254 123.0 50.4 75.6#

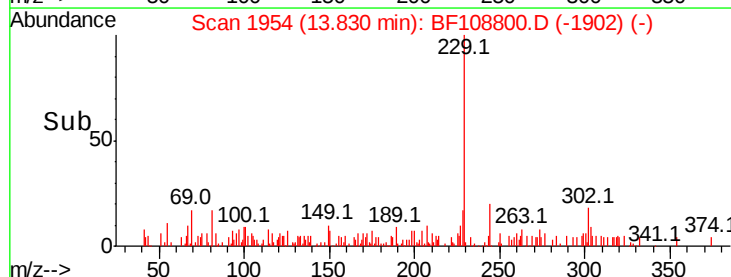
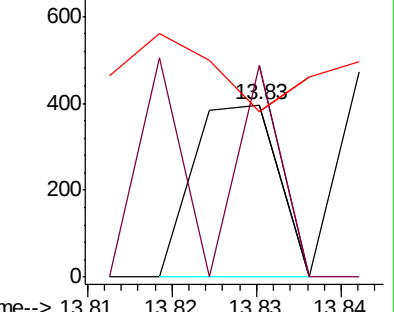
126 96.0 11.3 16.9#

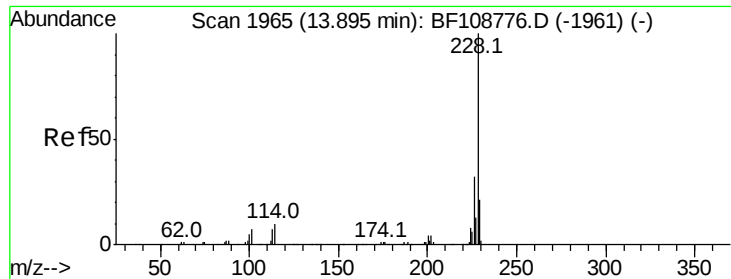


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

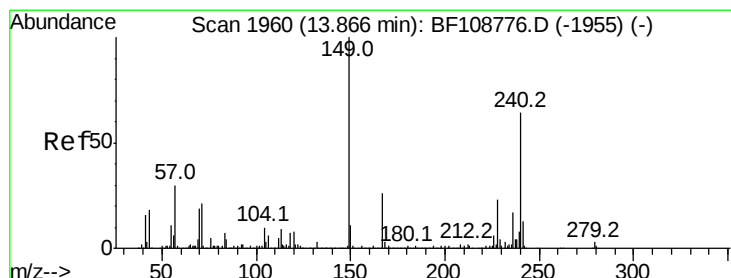
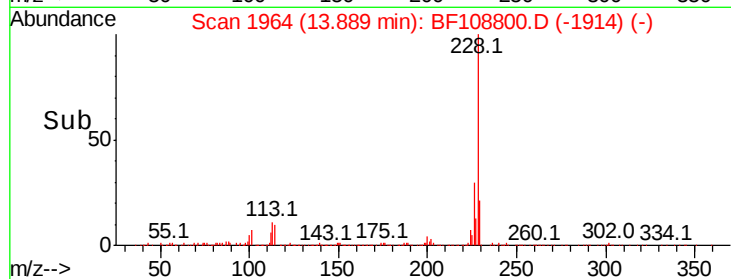
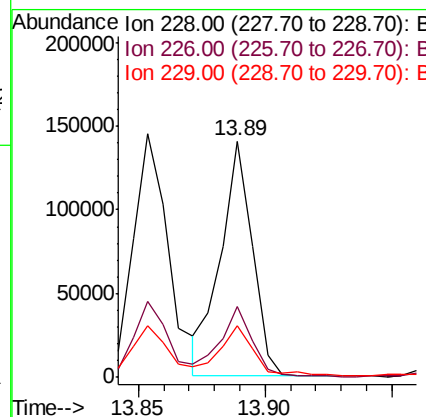
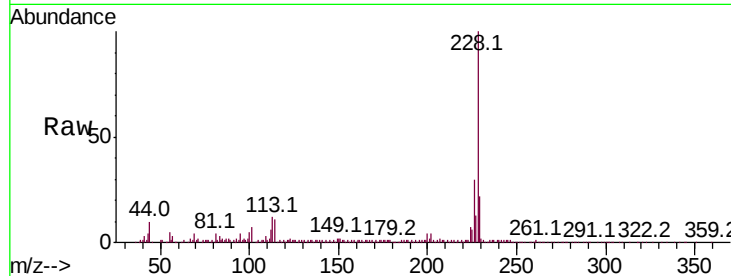




#82
Chrysene
Concen: 3.134 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

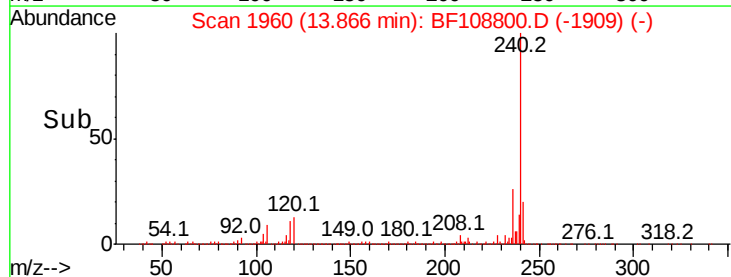
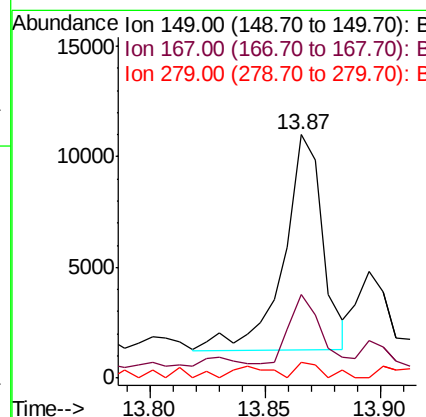
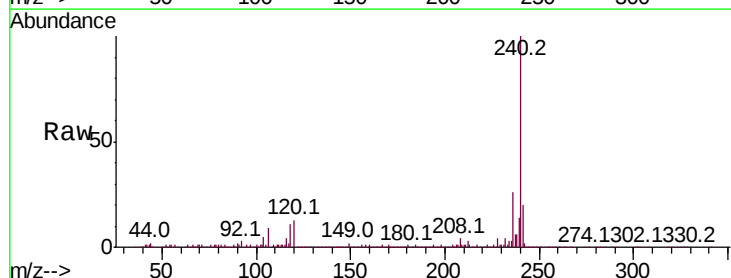
Instrument :
BNA_F
ClientSampleId :

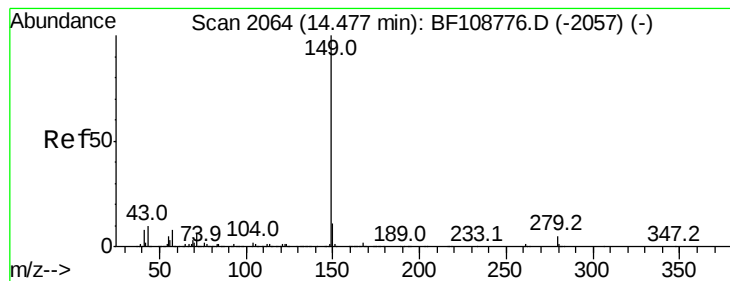
Tot Ion:228	Resp:	122718
Ion Ratio	Lower	Upper
228	100	
226	29.9	25.0 37.6
229	22.0	16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 0.419 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion:149	Resp:	11503
Ion Ratio	Lower	Upper
149	100	
167	34.1	21.3 31.9#
279	6.3	3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 0.012 ng

RT: 14.47 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampled :

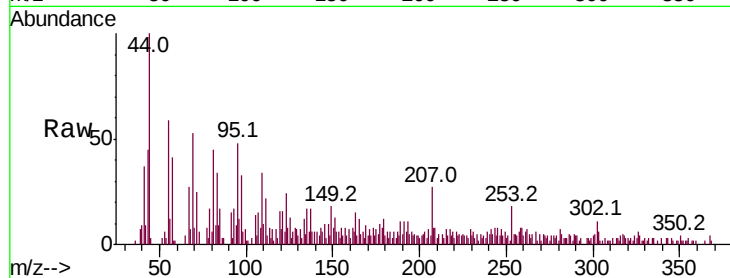
Tot Ion:149 Resp: 544

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

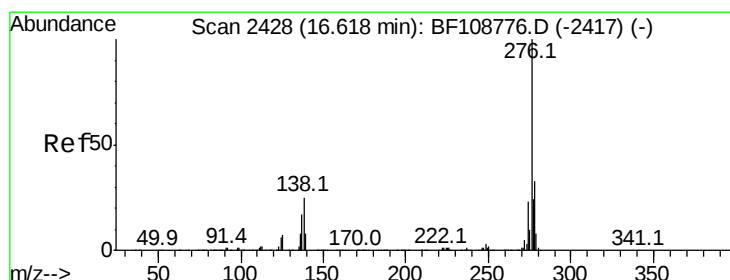
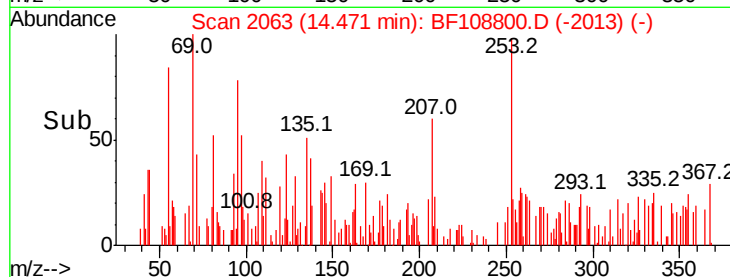
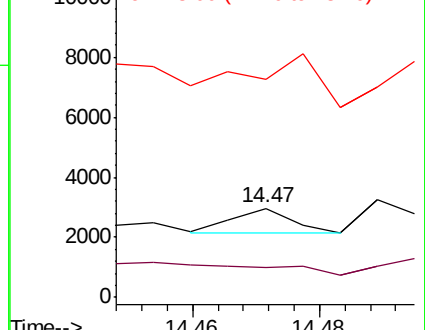
43 0.0 8.4 12.6#



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: 1.584 ng

RT: 16.61 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

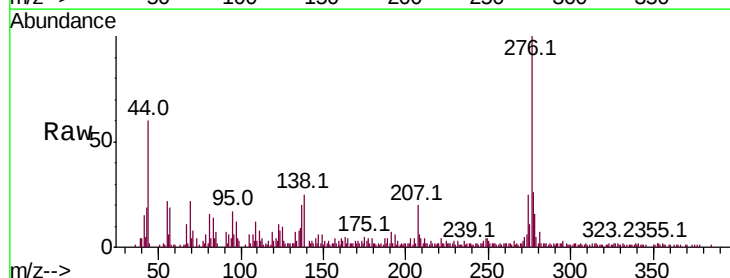
Tgt Ion:276 Resp: 54881

Ion Ratio Lower Upper

276 100

138 26.3 25.0 37.6

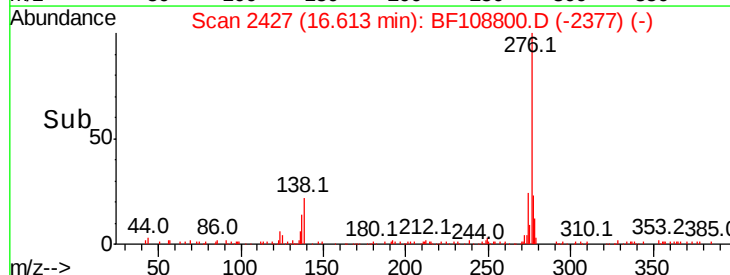
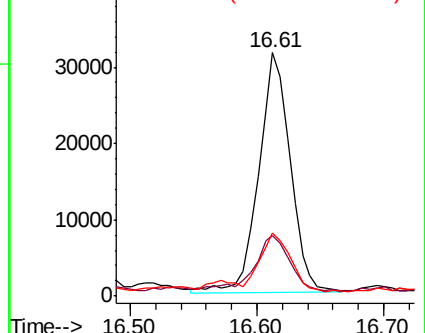
277 23.5 20.1 30.1

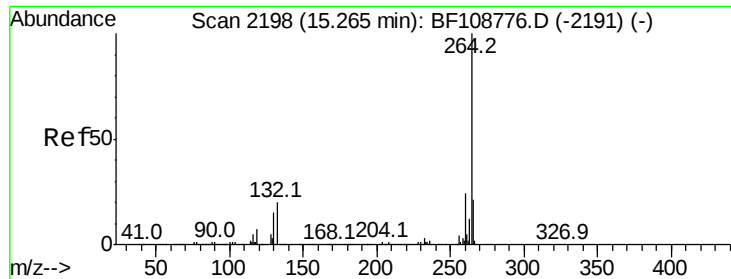


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



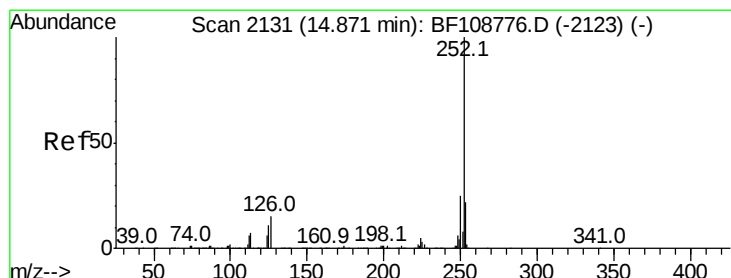
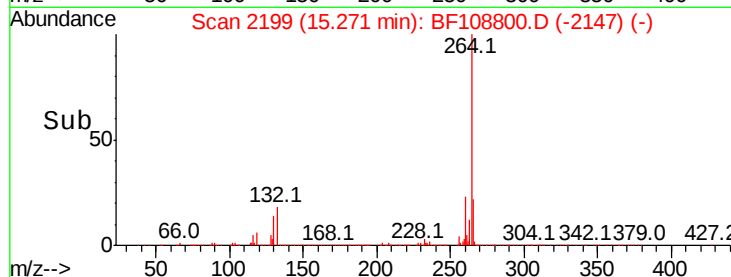
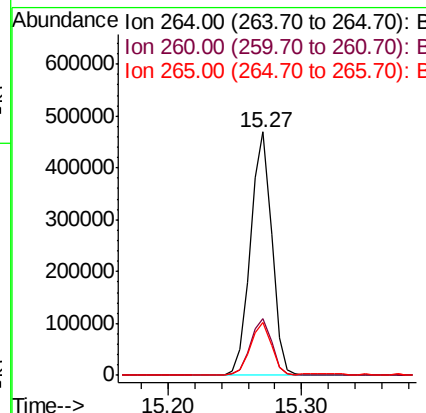
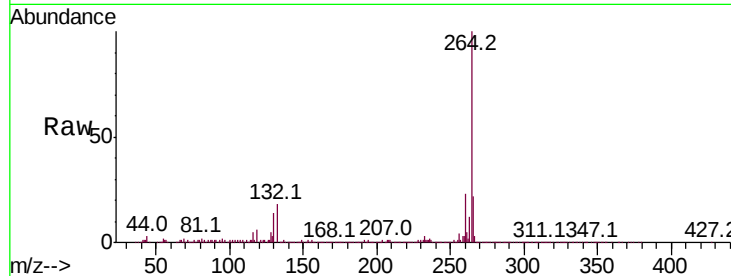


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 511276

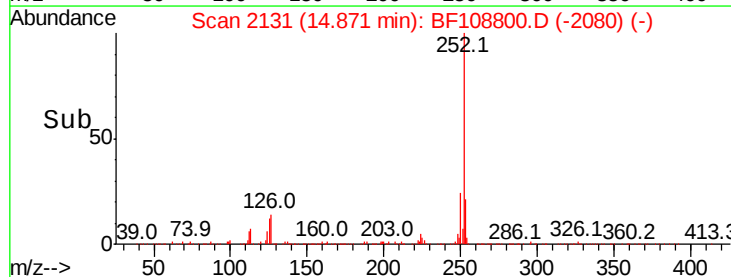
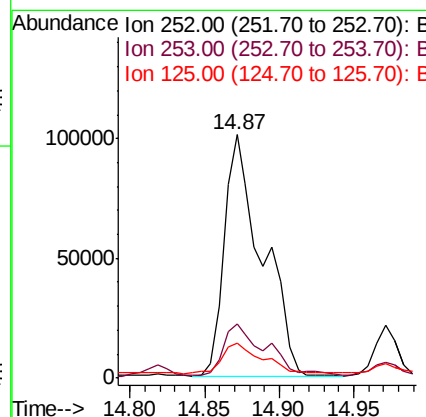
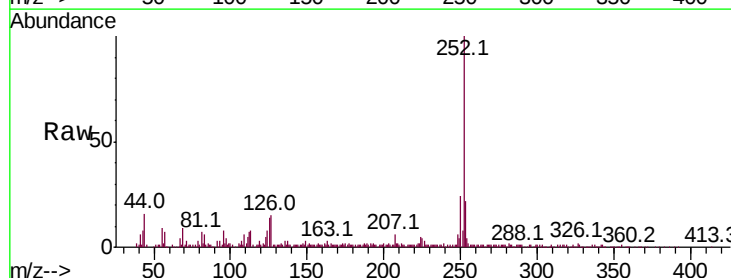
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	17.5	26.3

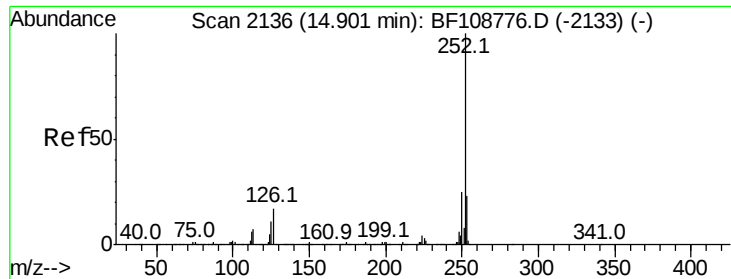


#87
Benzo(b)fluoranthene
Concen: 6.418 ng
RT: 14.87 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF108800.D
Acq: 6 Sep 2018 3:06

Tgt Ion:252 Resp: 178413

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	14.1	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 6.969 ng

RT: 14.87 min Scan# 2131

Delta R.T. -0.03 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampleId :

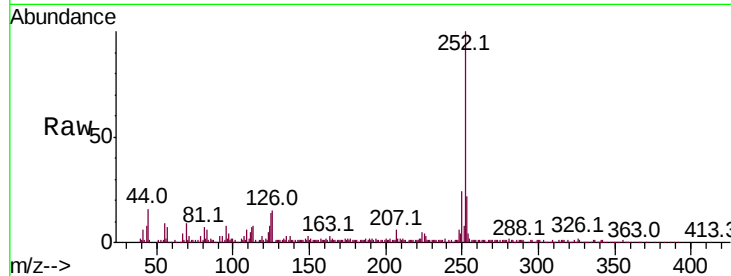
Tot Ion:252 Resp: 178413

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

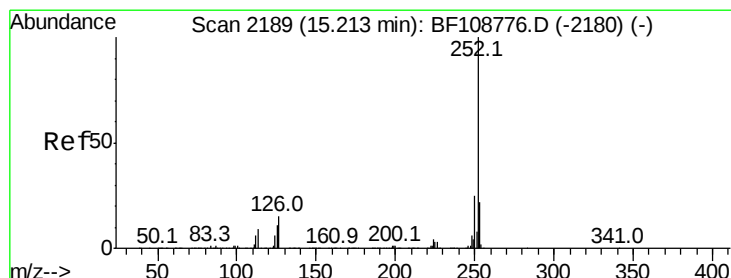
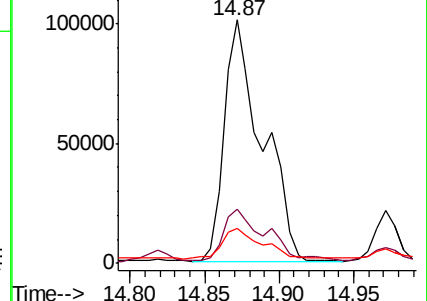
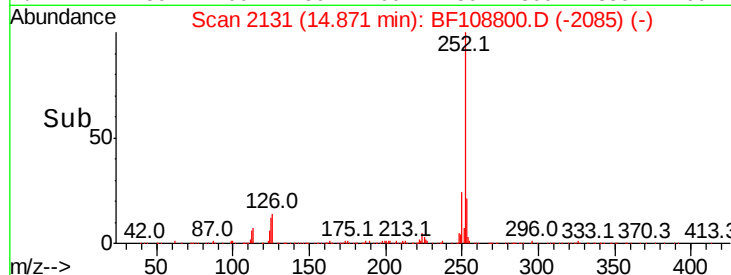
125 14.1 10.2 15.2



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: 3.623 ng

RT: 15.21 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

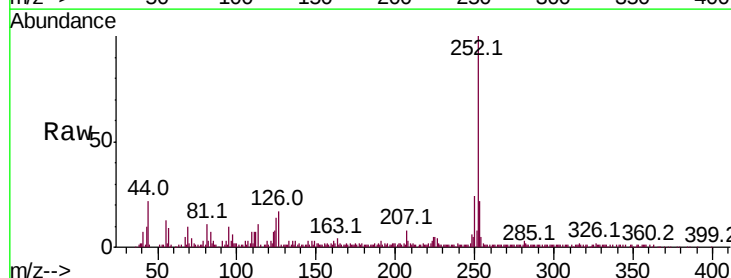
Tgt Ion:252 Resp: 90880

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

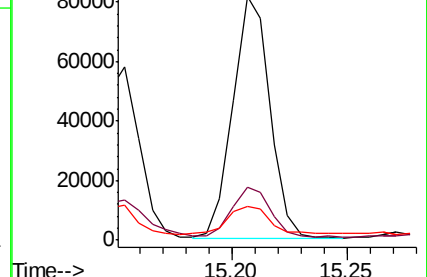
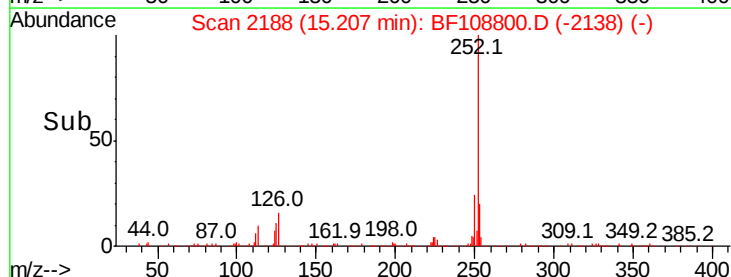
125 13.7 9.8 14.6

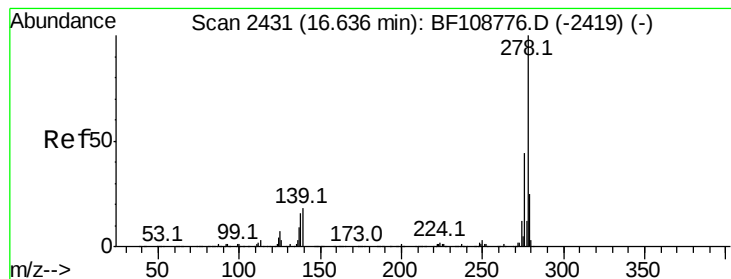


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.669 ng

RT: 16.63 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

Instrument :

BNA_F

ClientSampled :

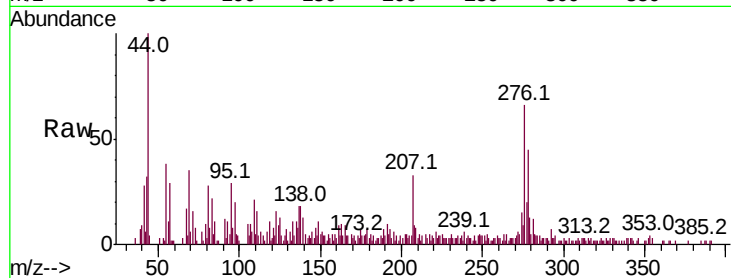
Tot Ion:278 Resp: 14779

Ion Ratio Lower Upper

278 100

139 28.3 15.9 23.9#

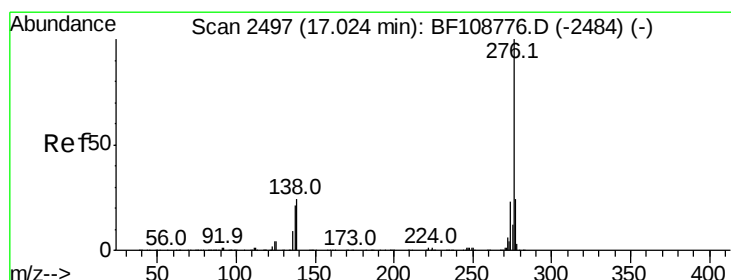
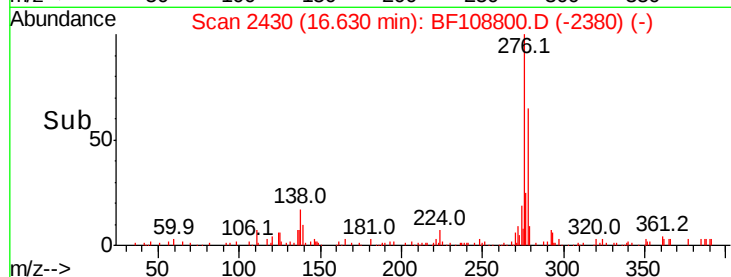
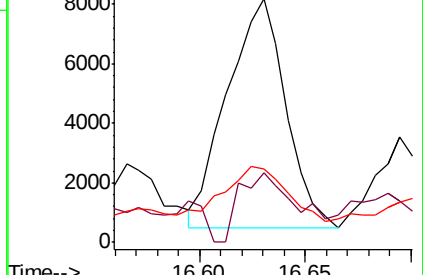
279 29.9 19.0 28.4#



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(g,h,i)perylene

Concen: 2.327 ng

RT: 17.02 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BF108800.D

Acq: 6 Sep 2018 3:06

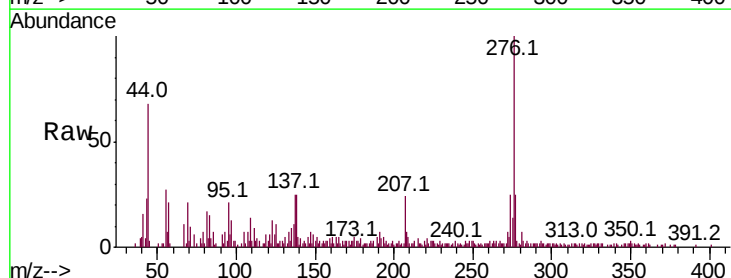
Tgt Ion:276 Resp: 51498

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 24.9 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

