

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108791.D
 Acq On : 5 Sep 2018 23:01
 Operator : JU/SJ
 Sample : J4741-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:28:15 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	248106	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	866413	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	341096	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	565219	20.00	ng	0.00
75) Chrysene-d12	13.87	240	559749	20.00	ng	0.00
86) Perylene-d12	15.27	264	452787	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1374740	91.79	ng	0.00
7) Phenol-d6	6.37	99	1718857	89.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	985267	71.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	269360	82.72	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1401758	70.11	ng	0.00
78) Terphenyl-d14	12.82	244	1227735	51.15	ng	0.00

Target Compounds				Qvalue		
3) Pyridine	2.99	79	107	0.005	ng	# 21
4) n-Nitrosodimethylamine	3.08	42	294	0.039	ng	# 1
6) Aniline	6.38	93	118	0.005	ng	# 1
8) 2-Chlorophenol	6.51	128	392	0.024	ng	# 1
9) Benzaldehyde	6.37	77	3118	0.228	ng	# 1
10) Phenol	6.38	94	4554	0.206	ng	82
11) bis(2-Chloroethyl)ether	6.45	93	129	0.007	ng	# 19
15) Benzyl Alcohol	6.89	79	15978	1.080	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.07	45	143	0.005	ng	70
17) 2-Methylphenol	7.13	107	531	0.038	ng	# 75
19) n-Nitroso-di-n-propylamine	7.29	70	136716	10.207	ng	# 79
20) 3+4-Methylphenols	7.13	107	531	0.032	ng	84
22) Acetophenone	7.14	105	583	0.030	ng	# 53
24) Nitrobenzene	7.29	77	2945	0.198	ng	# 25
25) Isophorone	7.29	82	984786	35.660	ng	# 64
27) 2,4-Dimethylphenol	7.71	122	3705	0.312	ng	# 4
28) bis(2-Chloroethoxy)methane	7.92	93	112	0.006	ng	# 1
31) Naphthalene	8.04	128	5821	0.149	ng	97
32) Benzoic acid	7.77	122	357	4.065	ng	92
33) 4-Chloroaniline	8.04	127	790	0.044	ng	# 33
35) Caprolactam	8.40	113	356	0.086	ng	# 79
37) 2-Methylnaphthalene	8.72	142	3294	0.128	ng	96
45) 1,1'-Biphenyl	9.19	154	2878	0.110	ng	97
46) 2-Chloronaphthalene	9.22	162	2068	0.097	ng	# 50
47) 2-Nitroaniline	9.22	65	1946	0.335	ng	# 27
48) Acenaphthylene	9.62	152	3191	0.101	ng	# 87
49) Dimethylphthalate	9.48	163	568704	23.838	ng	99
50) 2,6-Dinitrotoluene	9.48	165	6480	1.425	ng	# 14
51) Acenaphthene	9.80	154	495	0.025	ng	# 81
54) Dibenzofuran	9.97	168	351	0.012	ng	# 45
55) 4-Nitrophenol	9.90	139	624	0.154	ng	# 1
56) 2,4-Dinitrotoluene	9.76	165	43533	7.488	ng	# 23
57) Fluorene	10.31	166	956	0.052	ng	# 59
59) Diethylphthalate	10.18	149	10462	0.425	ng	96

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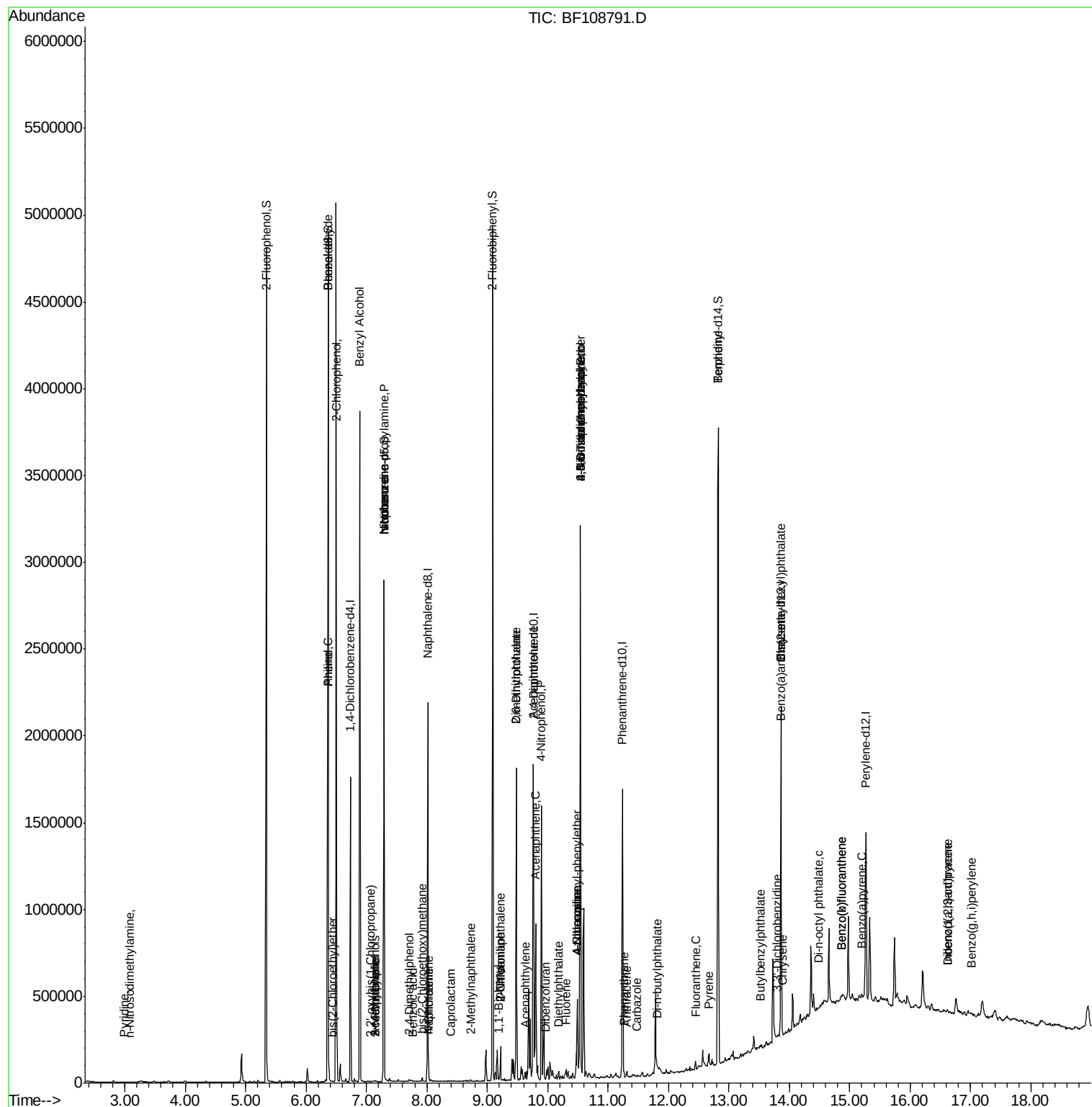
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Chlorophenyl-phenylether	10.50	204	11130	1.137	ng	# 24
61) 4-Nitroaniline	10.49	138	1031	0.210	ng	# 1
62) Azobenzene	10.49	77	9670	0.381	ng	# 15
64) 4,6-Dinitro-2-methylphenol	10.54	198	433	7.035	ng	# 1
65) n-Nitrosodiphenylamine	10.54	169	8717	0.464	ng	# 44
66) 4-Bromophenyl-phenylether	10.54	248	16656	2.609	ng	# 1
70) Phenanthrene	11.26	178	11728	0.435	ng	95
71) Anthracene	11.31	178	3516	0.136	ng	99
72) Carbazole	11.47	167	707	0.026	ng	# 59
73) Di-n-butylphthalate	11.81	149	10397	0.344	ng	# 95
74) Fluoranthene	12.45	202	17770	0.665	ng	95
76) Benzidine	12.82	184	16895	0.637	ng	97
77) Pyrene	12.67	202	26656	0.619	ng	99
79) Butylbenzylphthalate	13.51	149	1321	0.068	ng	88
80) Benzo(a)anthracene	13.85	228	11626	0.324	ng	# 88
81) 3,3'-Dichlorobenzidine	13.80	252	398	0.028	ng	# 56
82) Chrysene	13.89	228	12872	0.371	ng	# 90
83) Bis(2-ethylhexyl)phthalate	13.87	149	72203	2.962	ng	98
84) Di-n-octyl phthalate	14.48	149	568	0.014	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.61	276	5538	0.180	ng	# 89
87) Benzo(b)fluoranthene	14.87	252	14134	0.574	ng	# 62
88) Benzo(k)fluoranthene	14.87	252	14083	0.621	ng	# 65
89) Benzo(a)pyrene	15.21	252	9437	0.425	ng	# 55
90) Dibenzo(a,h)anthracene	16.62	278	2202	0.112	ng	# 1
91) Benzo(g,h,i)perylene	17.02	276	5887	0.300	ng	# 80

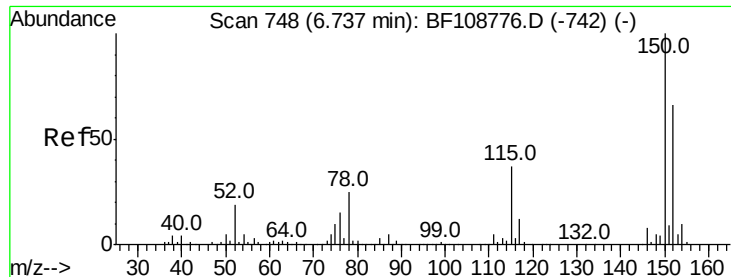
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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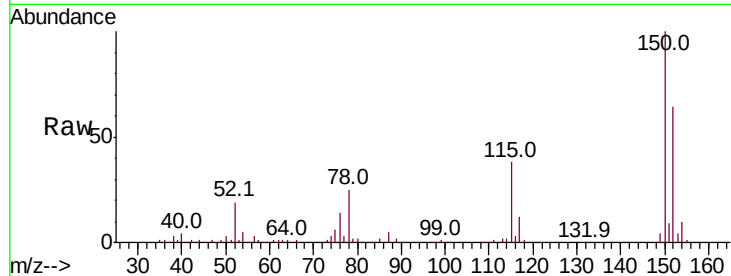


#1

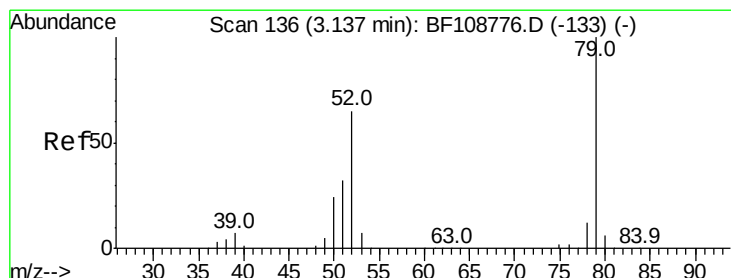
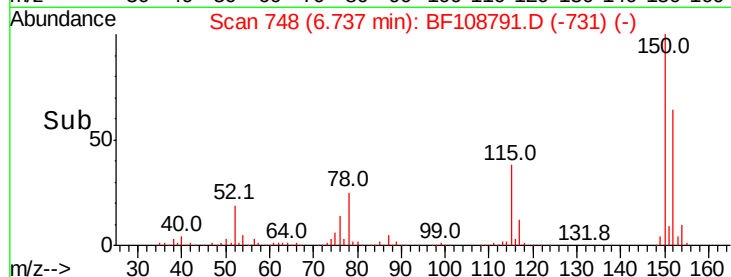
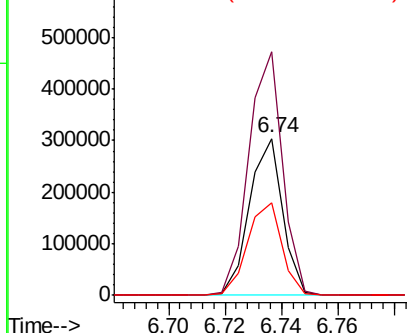
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	58.9	50.1	75.1



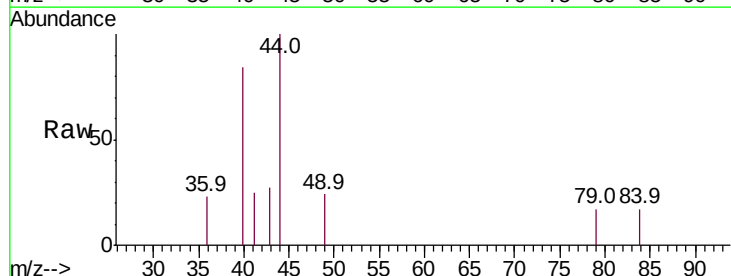
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



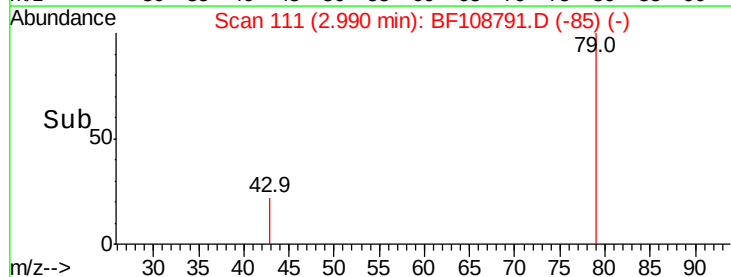
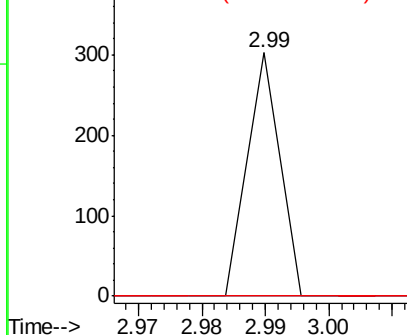
#3

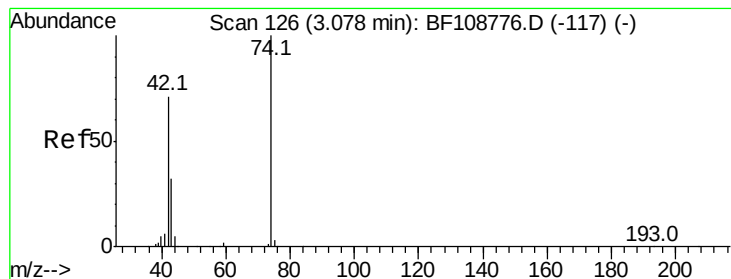
Pyridine
 Concen: 0.005 ng
 RT: 2.99 min Scan# 111
 Delta R.T. -0.15 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Tgt Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	0.0	29.8	44.8#



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



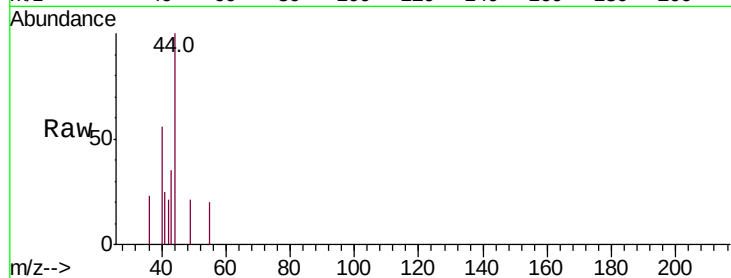


#4

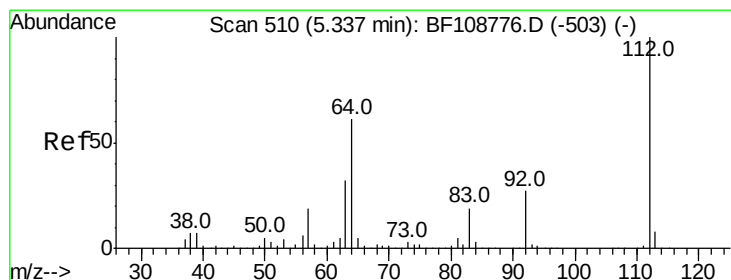
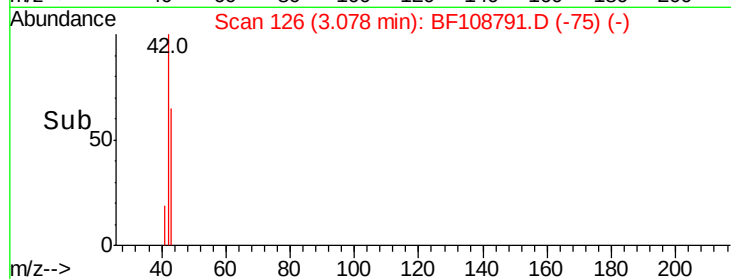
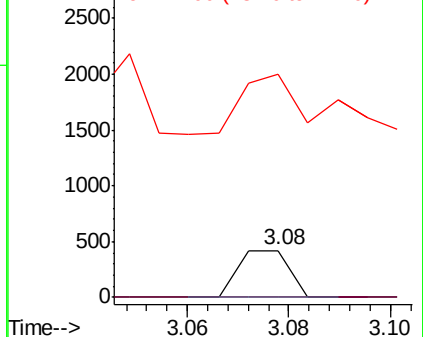
n-Nitrosodimethylamine
 Concen: 0.039 ng
 RT: 3.08 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 42 Resp: 294
 Ion Ratio Lower Upper
 42 100
 74 0.0 104.9 157.3#
 44 478.4 6.9 10.3#



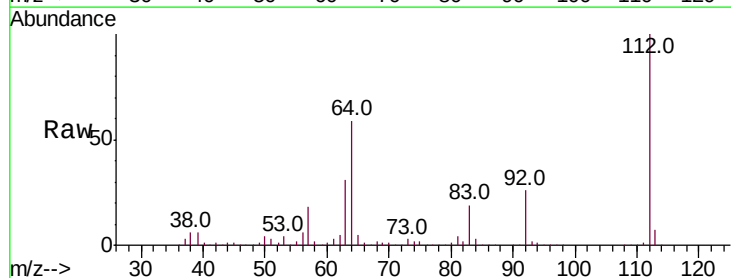
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



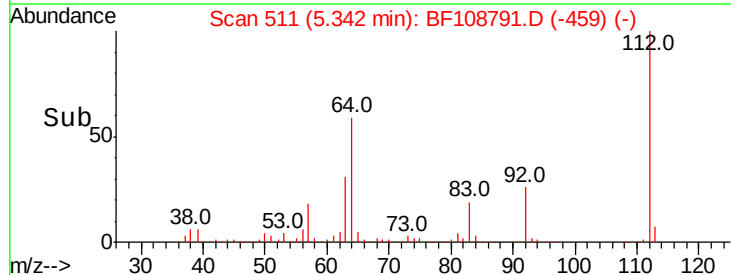
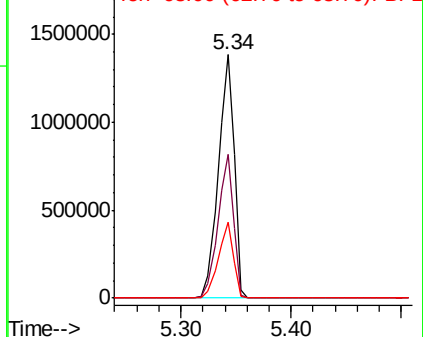
#5

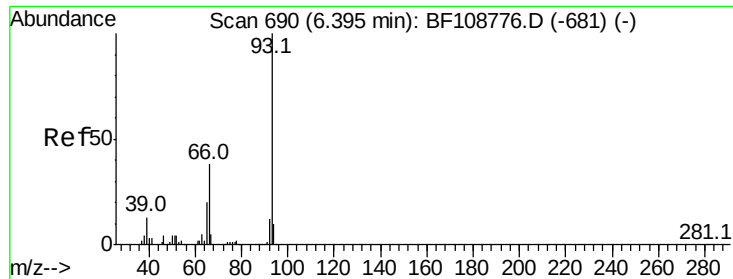
2-Fluorophenol
 Concen: 91.795 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Tgt Ion: 112 Resp: 1374740
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 31.1 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: 0.005 ng

RT: 6.38 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampled :

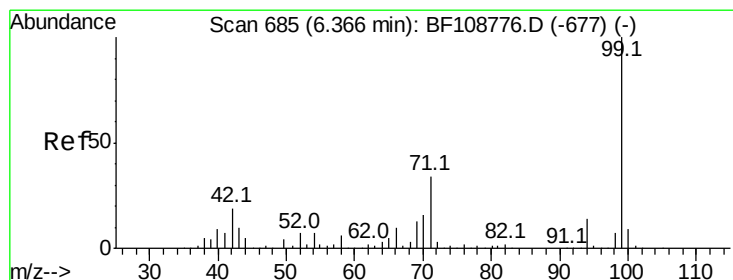
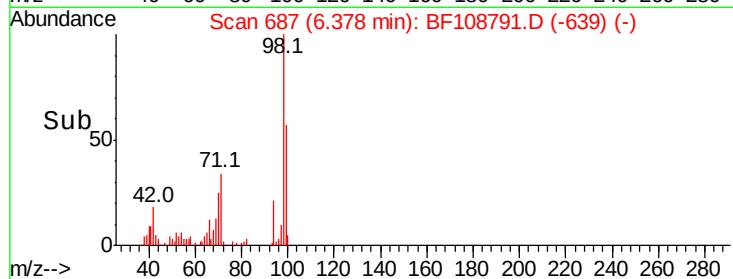
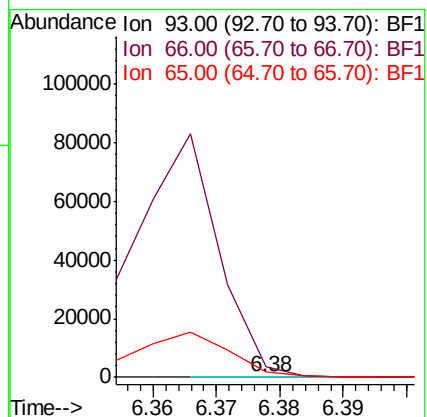
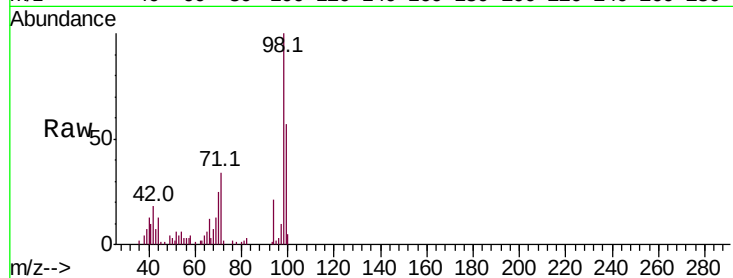
Tot Ion: 93 Resp: 118

Ion Ratio Lower Upper

93 100

66 1065.6 32.2 48.2#

65 555.1 16.4 24.6#



#7

Phenol-d6

Concen: 89.202 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

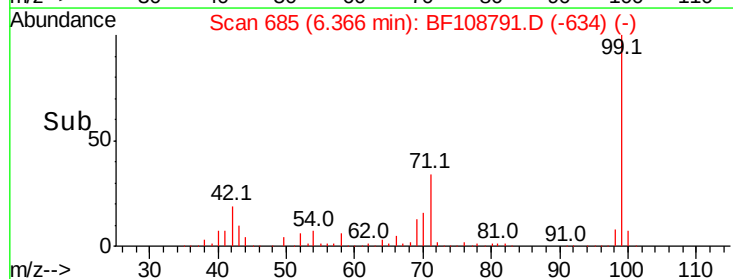
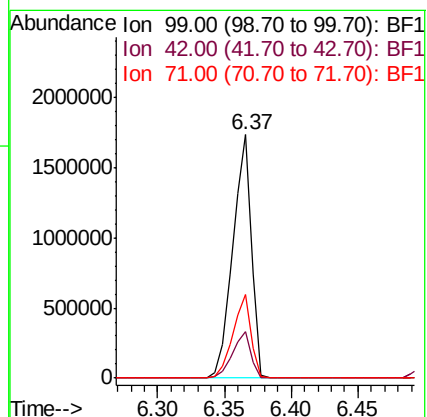
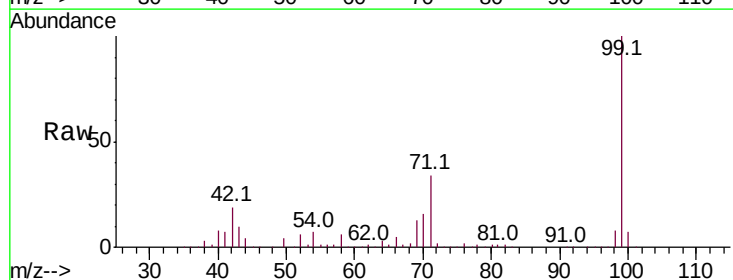
Tgt Ion: 99 Resp: 1718857

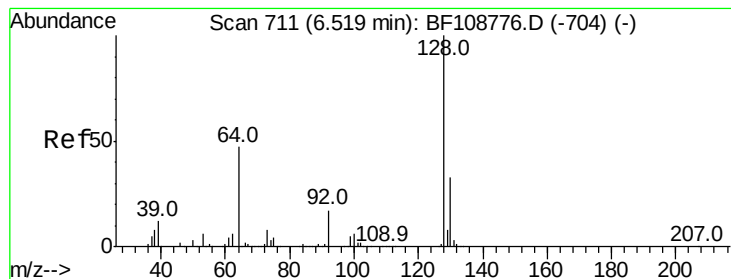
Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 34.1 25.4 38.0





#8

2-Chlorophenol

Concen: 0.024 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampleId :

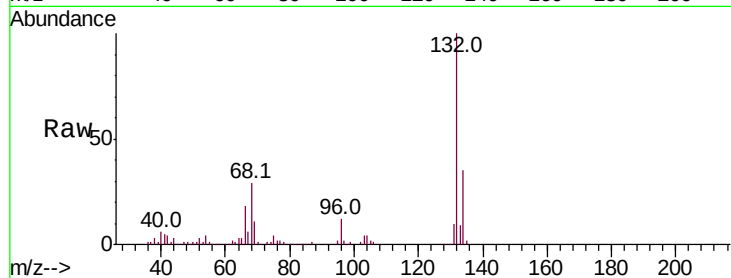
Tot Ion:128 Resp: 392

Ion Ratio Lower Upper

128 100

130 83.9 13.0 53.0#

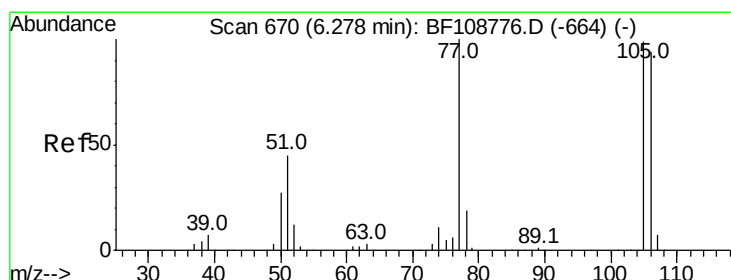
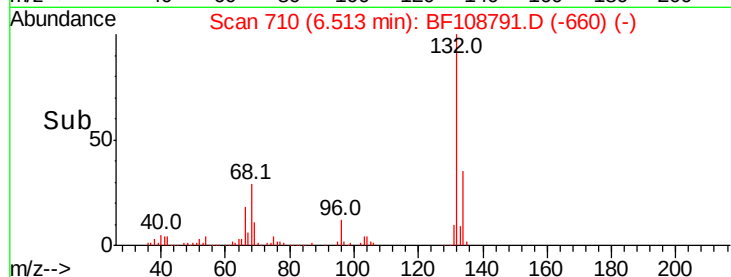
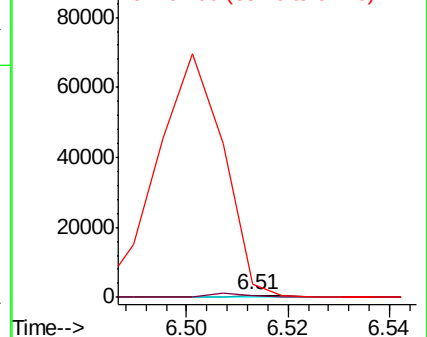
64 636.8 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 0.228 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.09 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

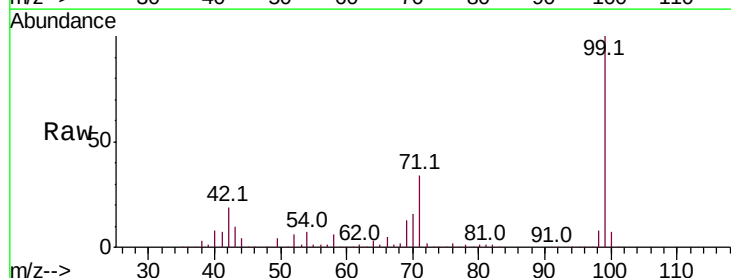
Tgt Ion: 77 Resp: 3118

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

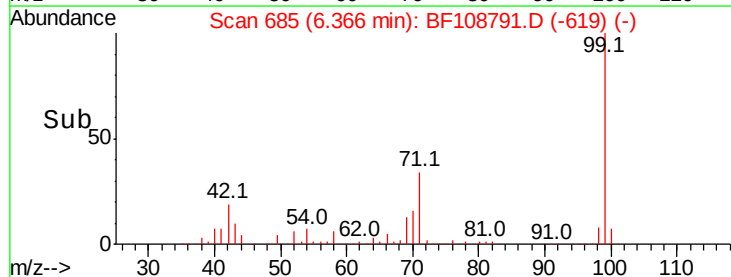
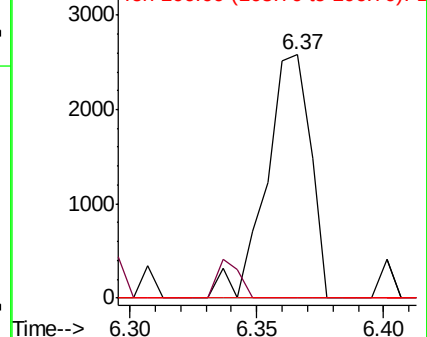
106 0.0 74.5 114.5#

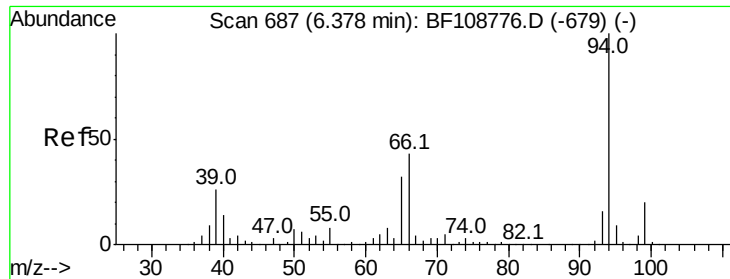


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

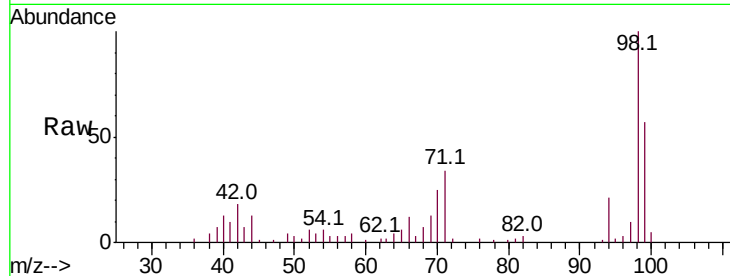




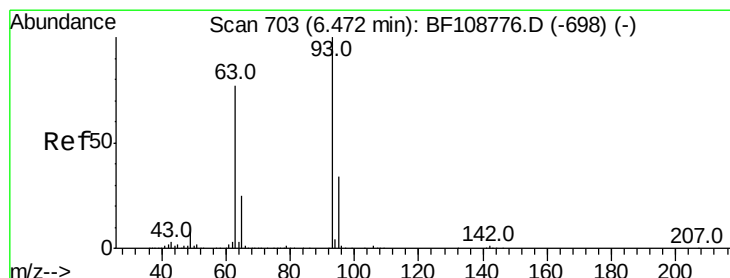
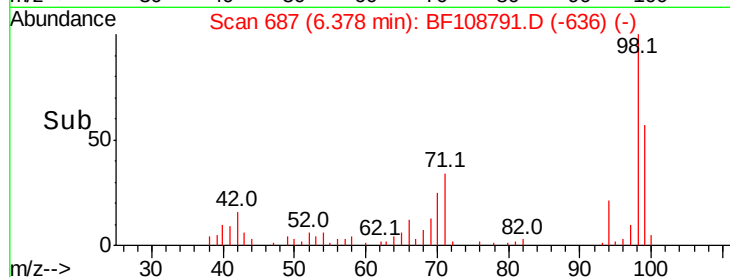
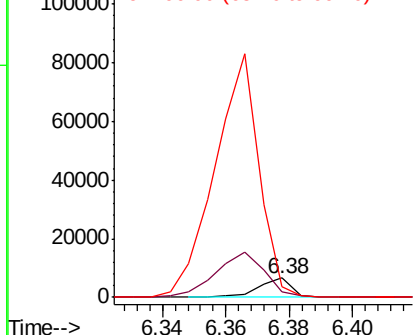
#10
Phenol
Concen: 0.206 ng
RT: 6.38 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 4554
Ion Ratio Lower Upper
94 100
65 28.6 7.9 47.9
66 54.8 16.2 56.2

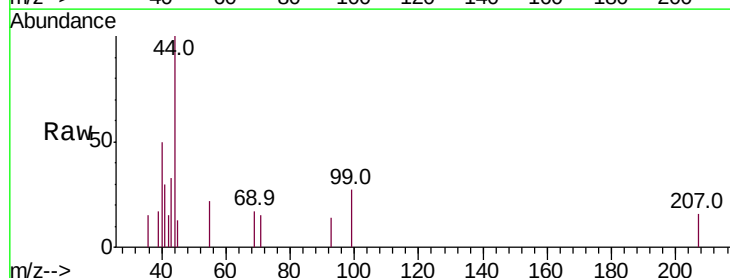


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

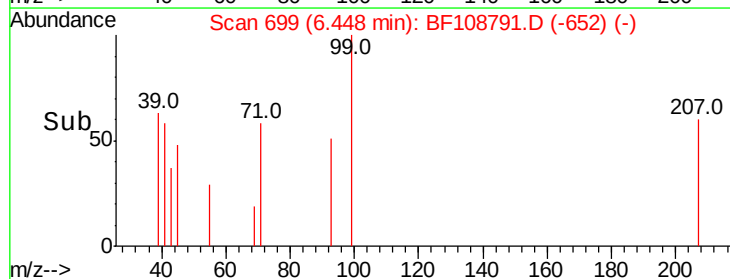
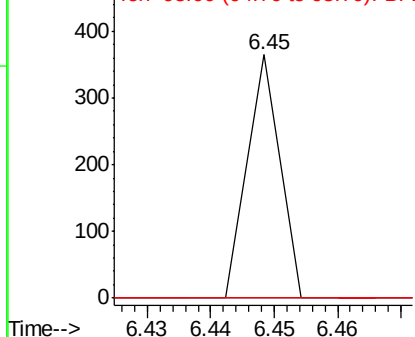


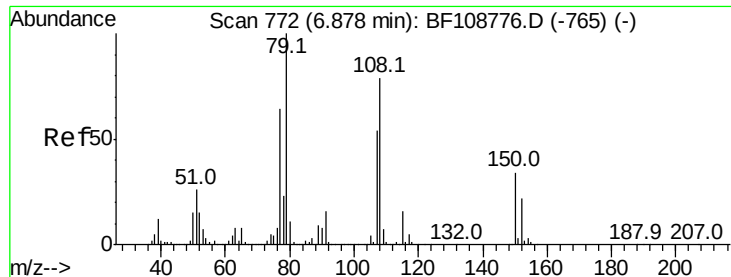
#11
bis(2-Chloroethyl)ether
Concen: 0.007 ng
RT: 6.45 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Tgt Ion: 93 Resp: 129
Ion Ratio Lower Upper
93 100
63 0.0 58.6 98.6#
95 0.0 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: 1.080 ng

RT: 6.89 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

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ClientSampleId :

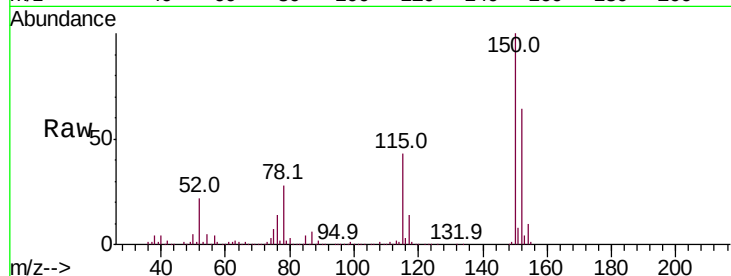
Tot Ion: 79 Resp: 15978

Ion Ratio Lower Upper

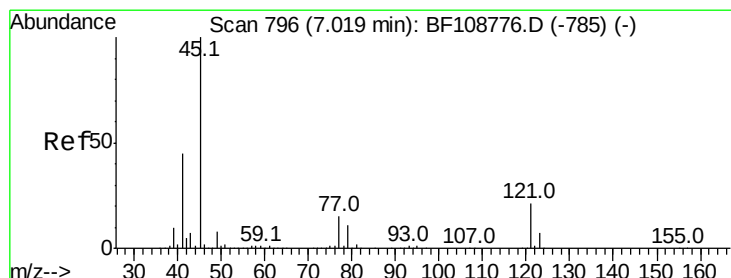
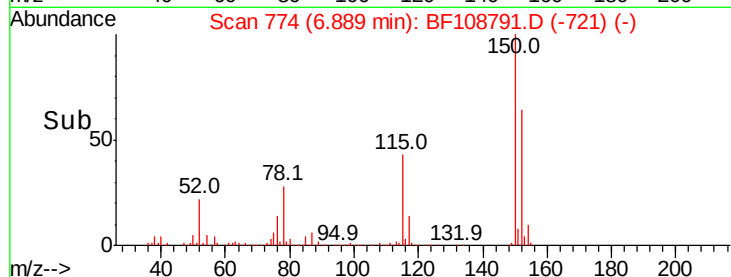
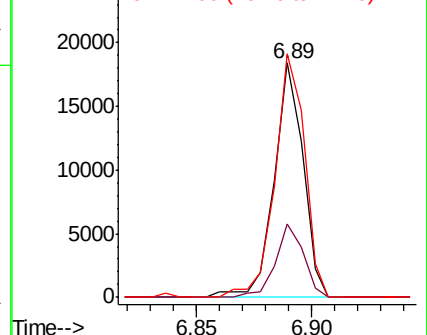
79 100

108 31.5 65.1 97.7#

77 103.8 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



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.005 ng

RT: 7.07 min Scan# 804

Delta R.T. 0.05 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

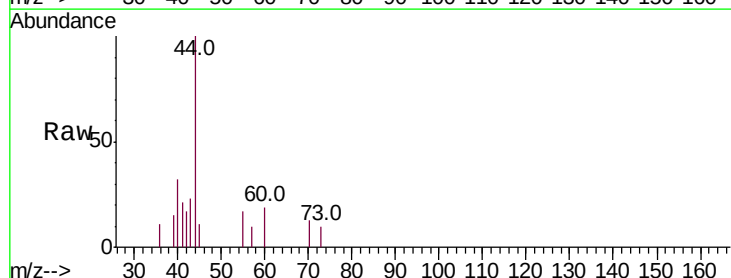
Tgt Ion: 45 Resp: 143

Ion Ratio Lower Upper

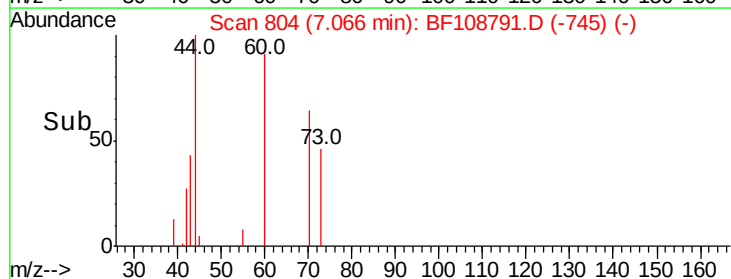
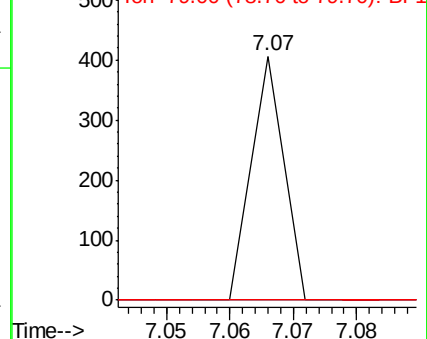
45 100

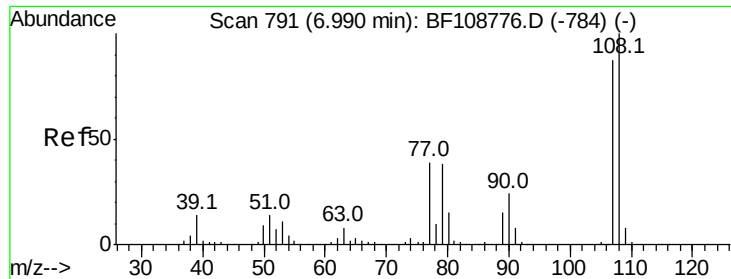
77 0.0 0.0 32.9

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

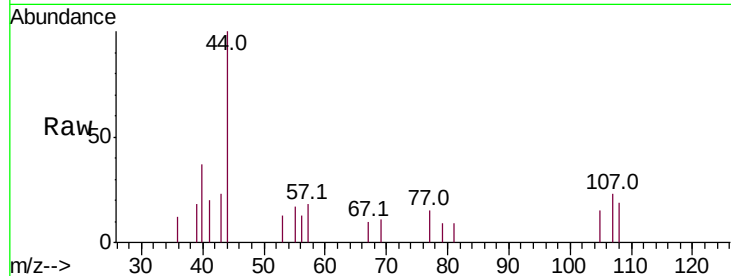




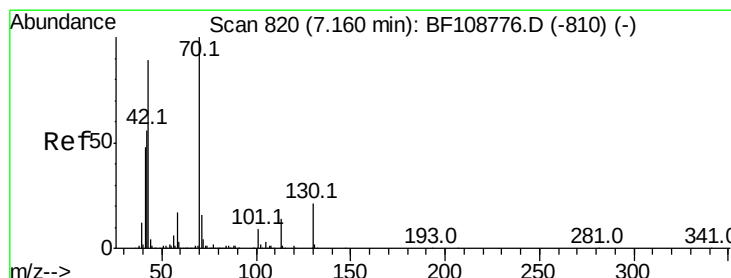
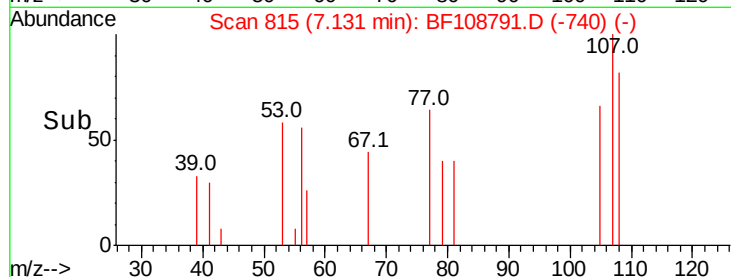
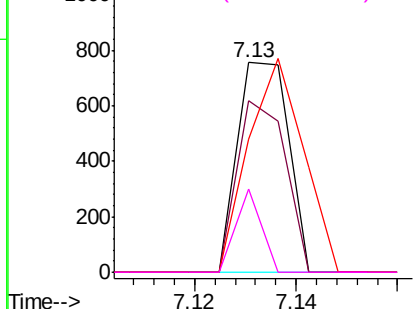
#17
2-Methylphenol
Concen: 0.038 ng
RT: 7.13 min Scan# 815
Delta R.T. 0.14 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 531
Ion Ratio Lower Upper
107 100
108 81.7 91.7 137.5#
77 63.8 33.8 50.8#
79 39.8 33.8 50.8

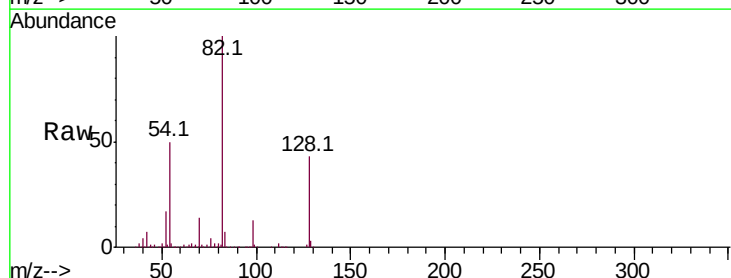


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

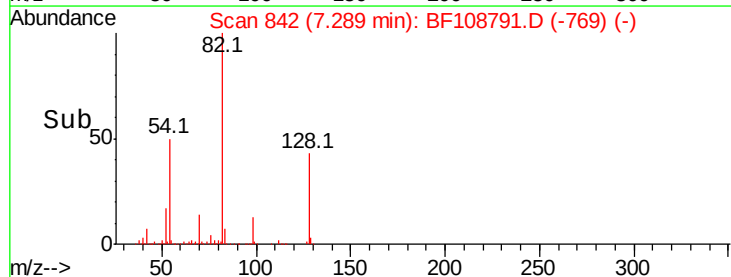
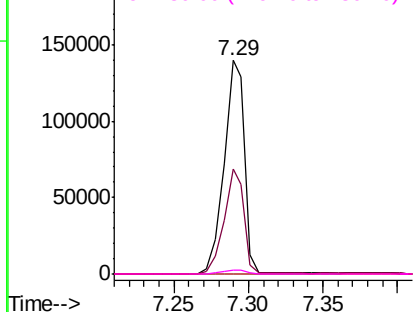


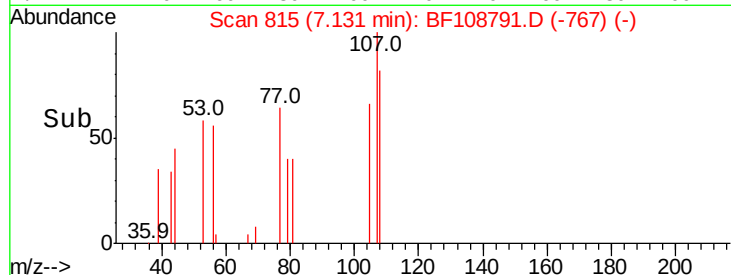
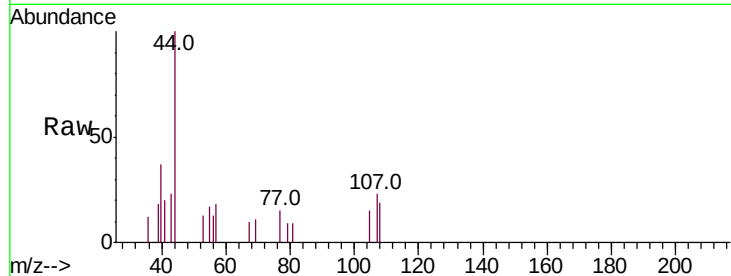
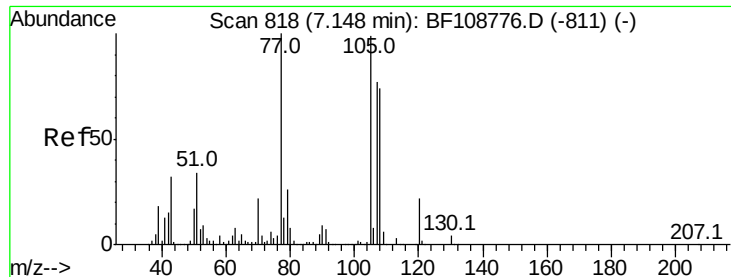
#19
n-Nitroso-di-n-propylamine
Concen: 10.207 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Tgt Ion: 70 Resp: 136716
Ion Ratio Lower Upper
70 100
42 49.0 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 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): E
Ion 130.00 (129.70 to 130.70): E

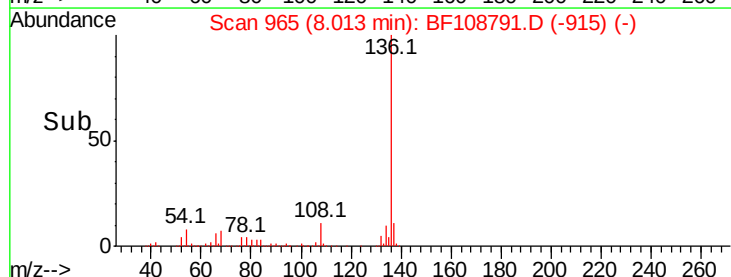
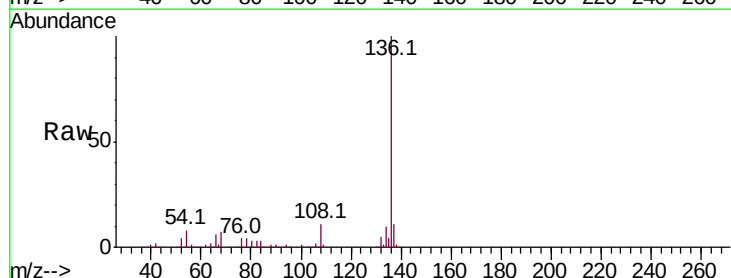
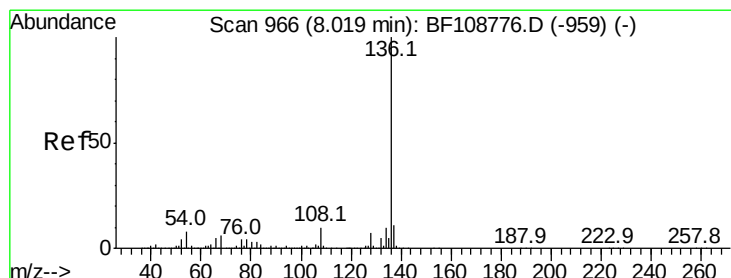
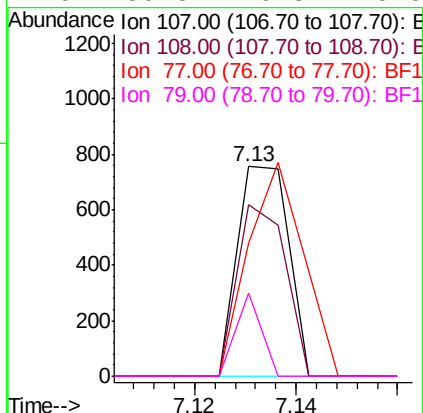




#20
3+4-Methylphenols
Concen: 0.032 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

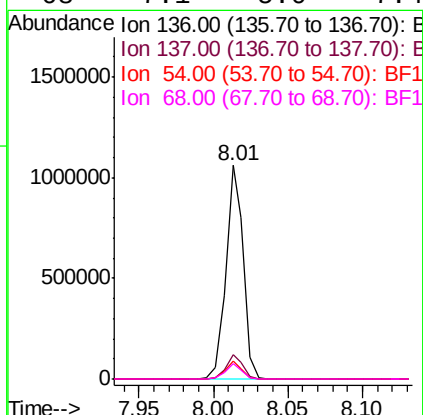
Instrument :
BNA_F
ClientSampled :

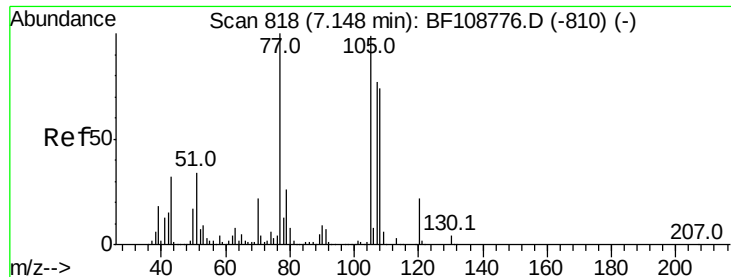
Tot Ion:	107	Resp:	531
Ion	Ratio	Lower	Upper
107	100		
108	81.7	68.2	108.2
77	63.8	26.7	66.7
79	39.8	6.3	46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Tgt Ion:	136	Resp:	866413
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.3	6.6	9.8
68	7.1	5.0	7.4





#22

Acetophenone

Concen: 0.030 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 583

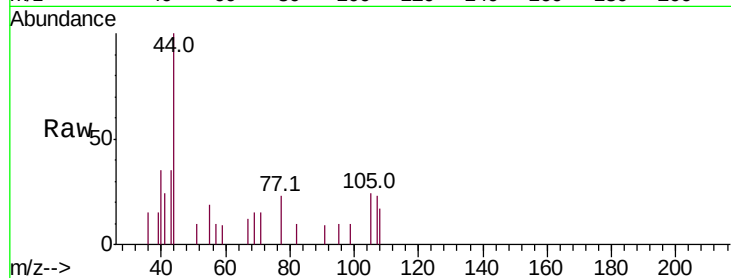
Ion Ratio Lower Upper

105 100

71 63.4 4.4 6.6#

51 40.0 22.3 33.5#

120 0.0 16.9 25.3#



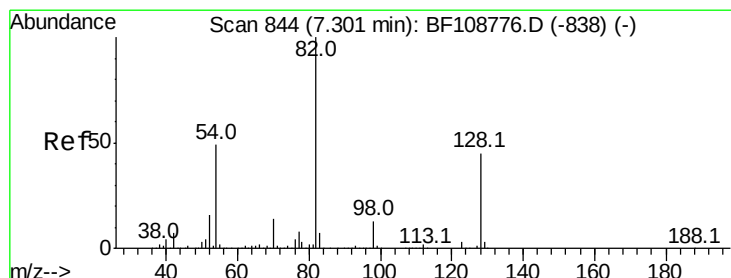
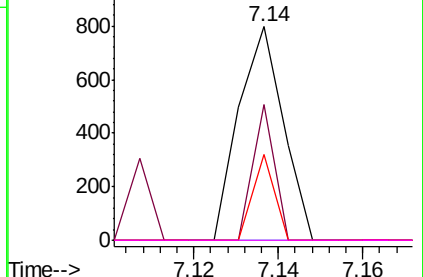
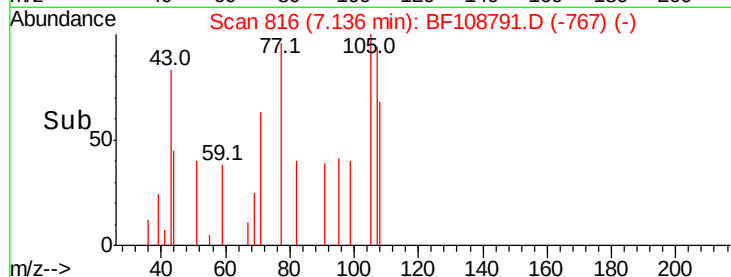
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 71.166 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

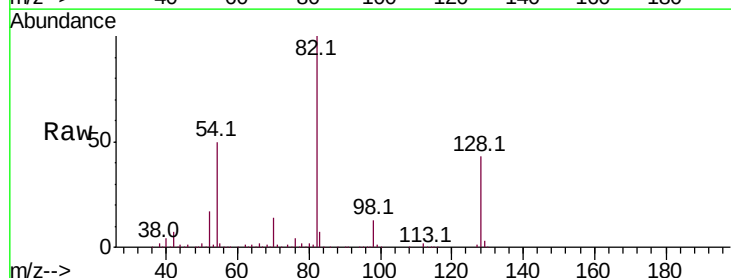
Tgt Ion: 82 Resp: 985267

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

54 49.6 41.4 62.2

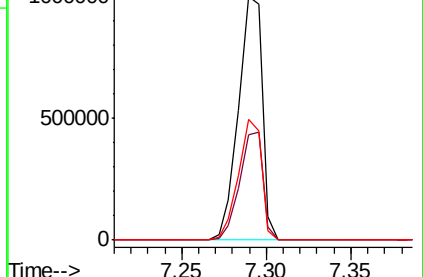
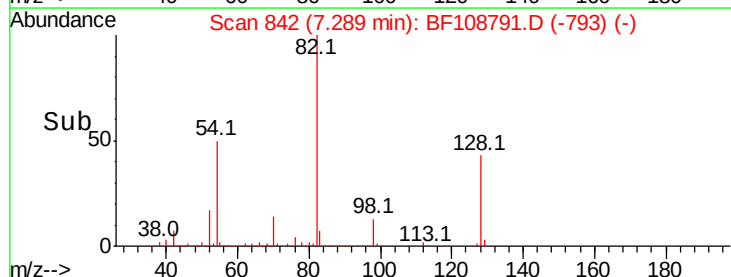


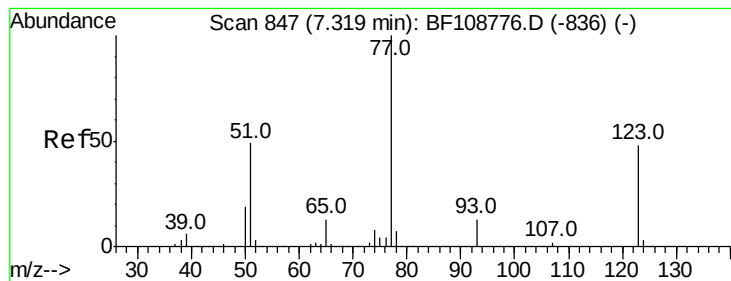
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->





#24

Nitrobenzene

Concen: 0.198 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampled :

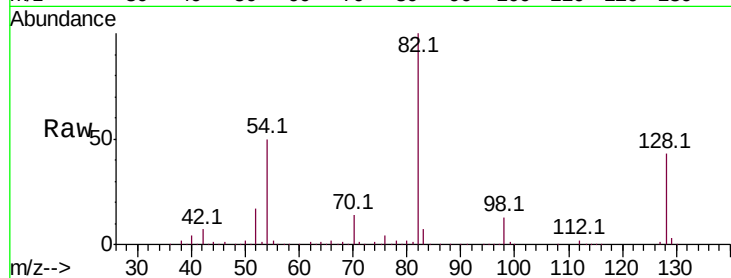
Tot Ion: 77 Resp: 2945

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

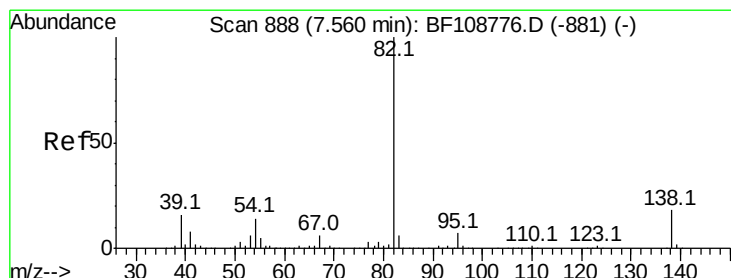
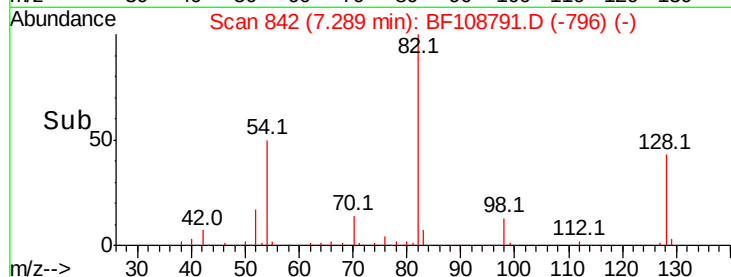
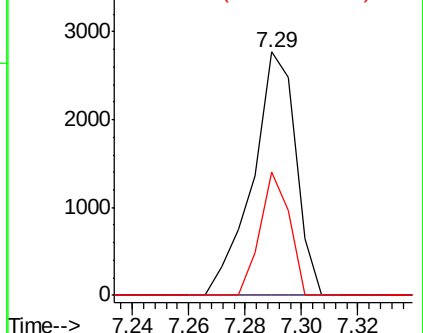
65 50.8 11.0 16.4#



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: 35.660 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

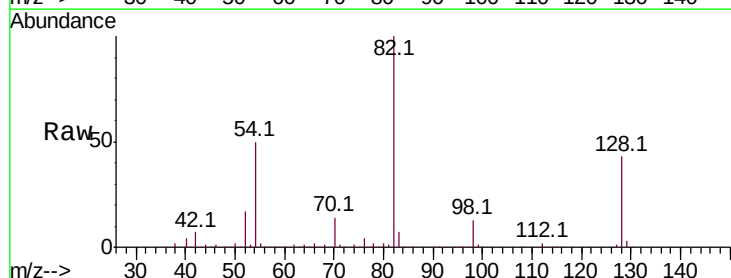
Tgt Ion: 82 Resp: 984786

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

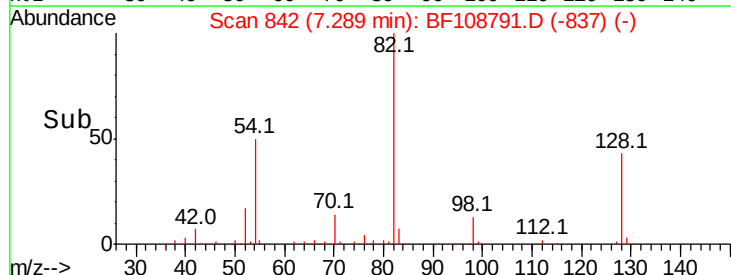
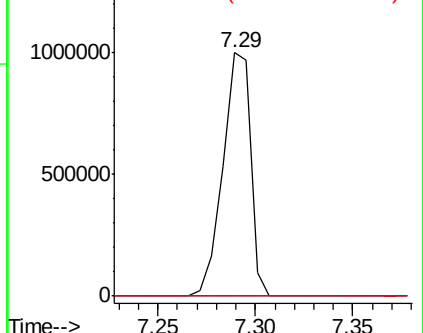
138 0.0 14.9 22.3#

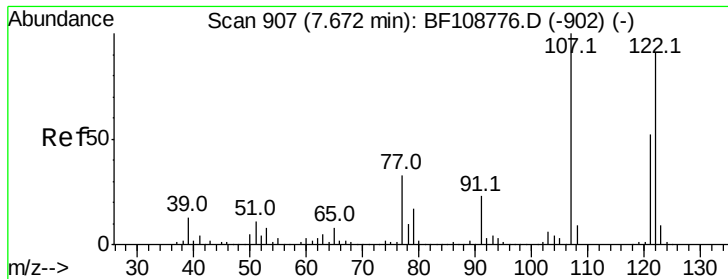


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

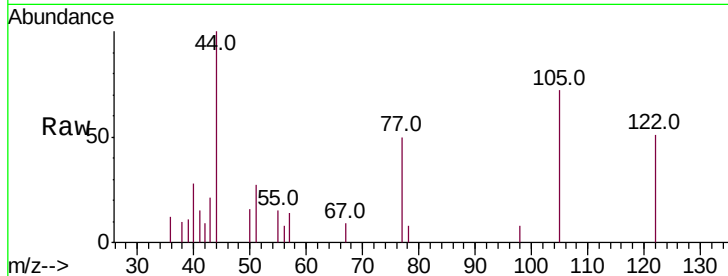




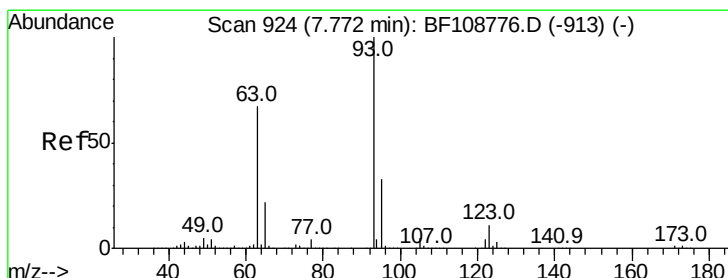
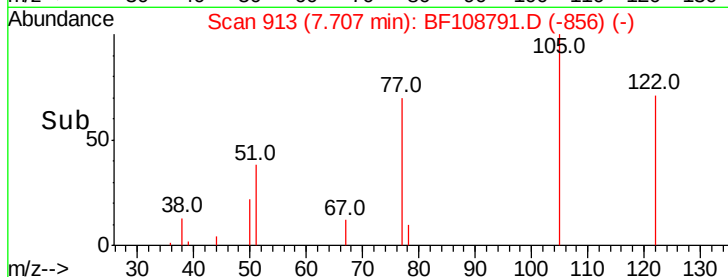
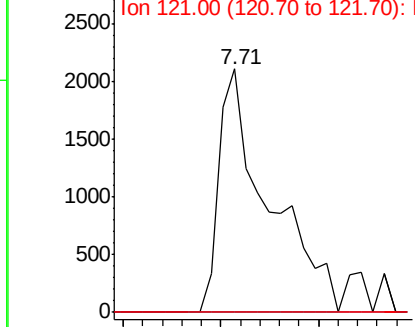
#27
 2,4-Dimethylphenol
 Concen: 0.312 ng
 RT: 7.71 min Scan# 913
 Delta R.T. 0.04 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 3705
 Ion Ratio Lower Upper
 122 100
 107 0.0 91.2 136.8#
 121 0.0 47.2 70.8#

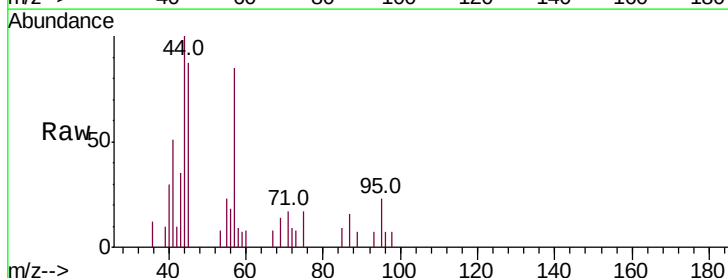


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

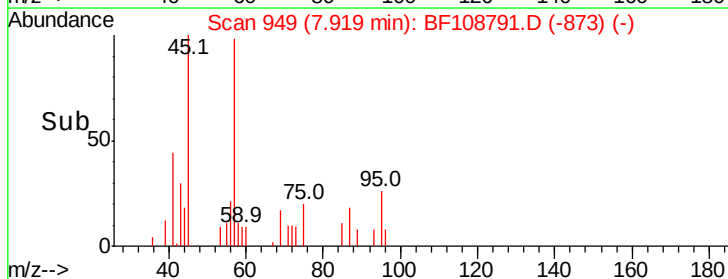
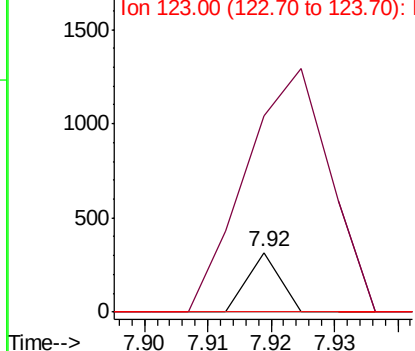


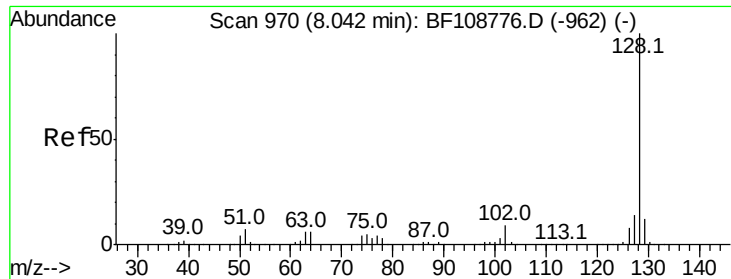
#28
 bis(2-Chloroethoxy)methane
 Concen: 0.006 ng
 RT: 7.92 min Scan# 949
 Delta R.T. 0.15 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Tgt Ion: 93 Resp: 112
 Ion Ratio Lower Upper
 93 100
 95 330.1 26.3 39.5#
 123 0.0 9.8 14.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

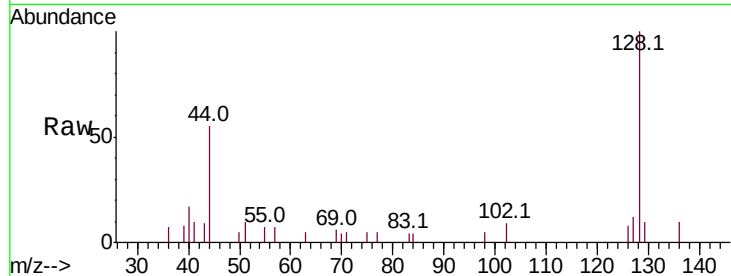




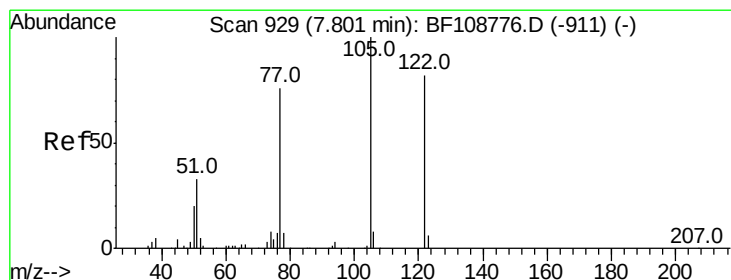
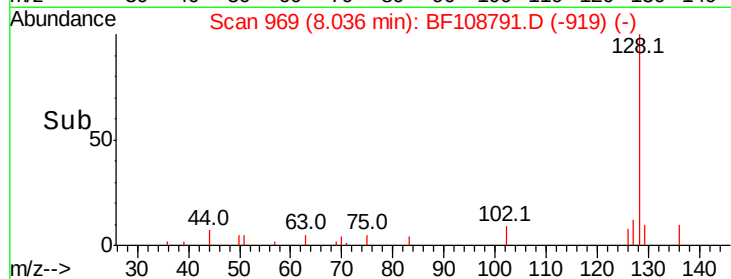
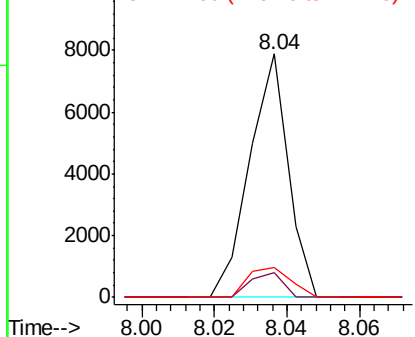
#31
Naphthalene
Concen: 0.149 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 5821
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 12.3 10.9 16.3

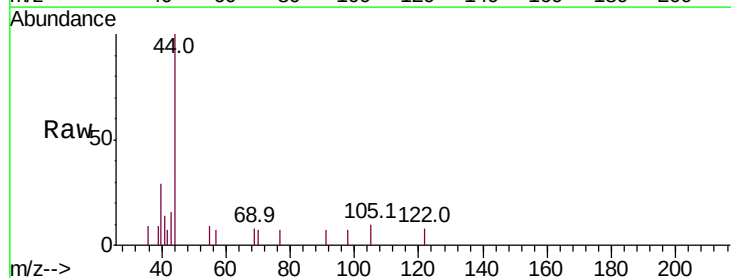


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

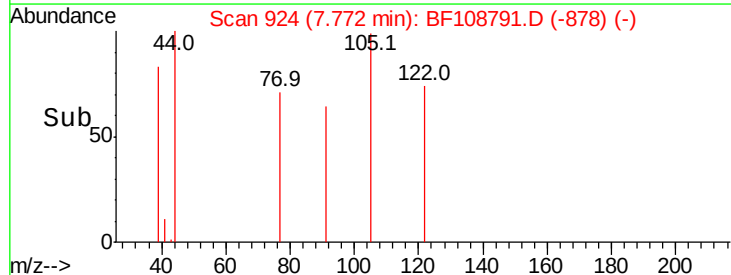
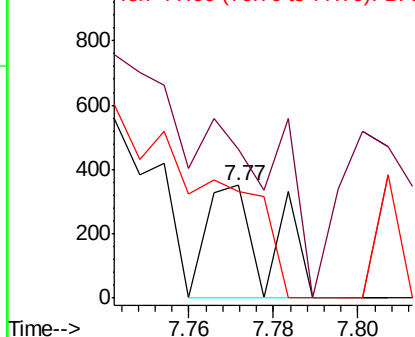


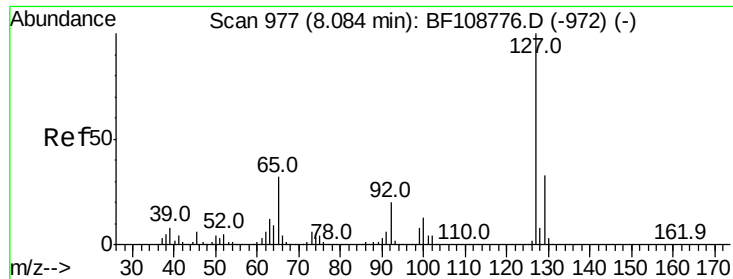
#32
Benzoic acid
Concen: 4.065 ng
RT: 7.77 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Tgt Ion:122 Resp: 357
Ion Ratio Lower Upper
122 100
105 132.3 101.1 141.1
77 94.9 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

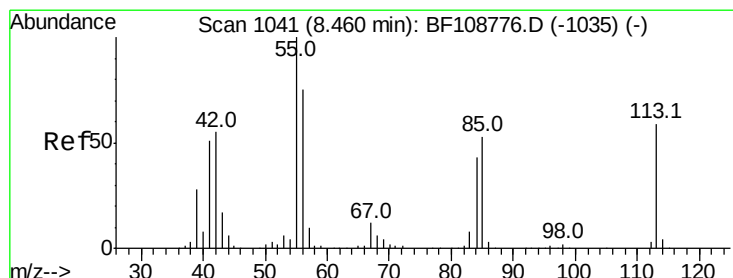
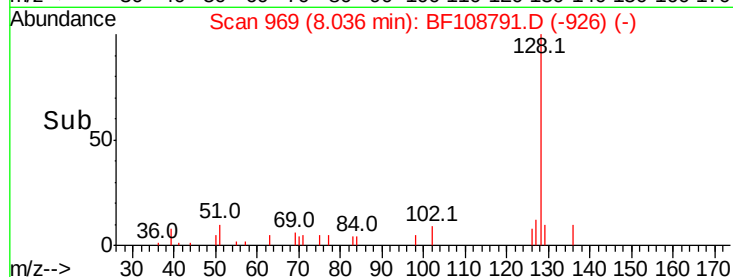
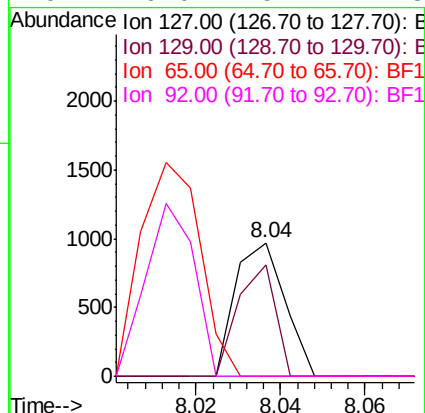
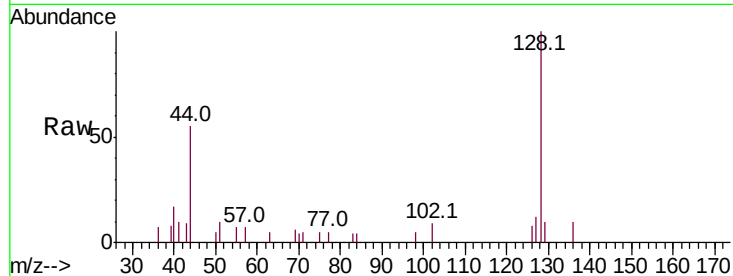




#33
4-Chloroaniline
Concen: 0.044 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

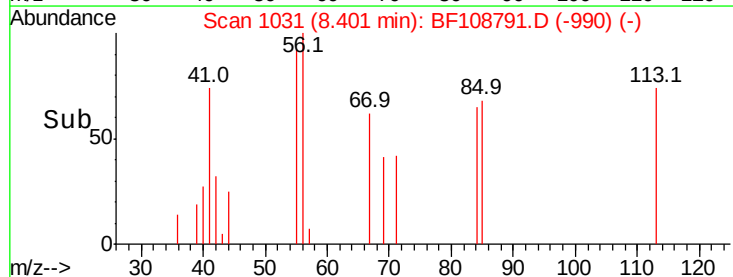
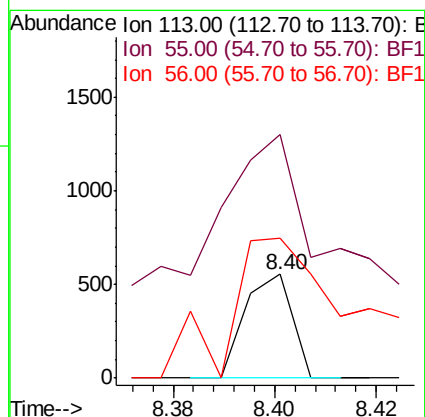
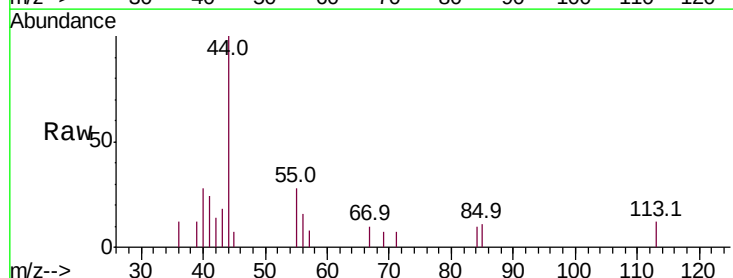
Instrument :
BNA_F
ClientSampled :

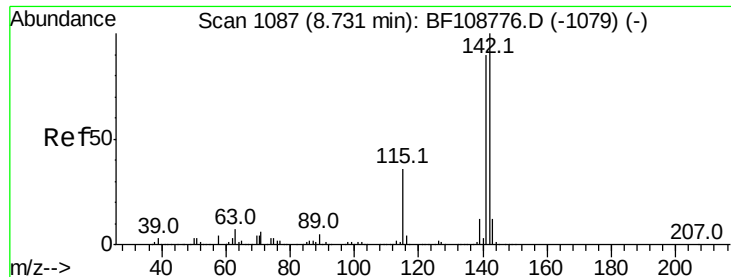
Tot Ion:	127	Resp:	790
Ion	Ratio	Lower	Upper
127	100		
129	83.5	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#35
Caprolactam
Concen: 0.086 ng
RT: 8.40 min Scan# 1031
Delta R.T. -0.06 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Tgt Ion:	113	Resp:	356
Ion	Ratio	Lower	Upper
113	100		
55	234.7	163.3	203.3#
56	134.8	115.7	155.7

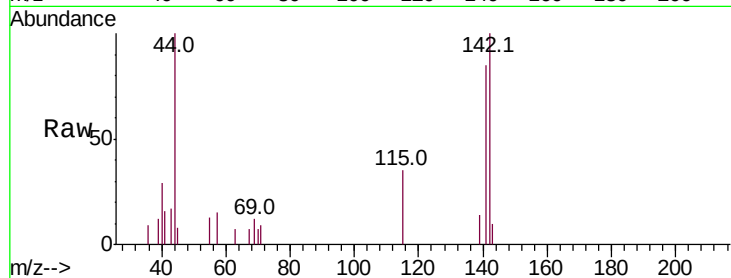




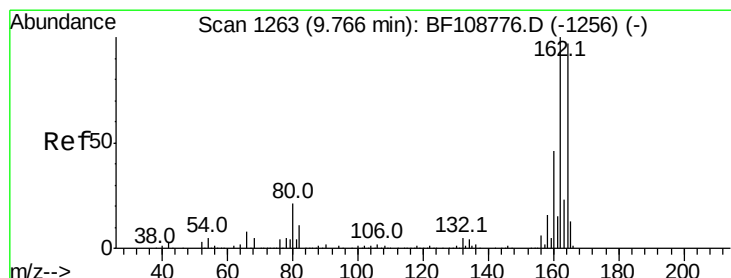
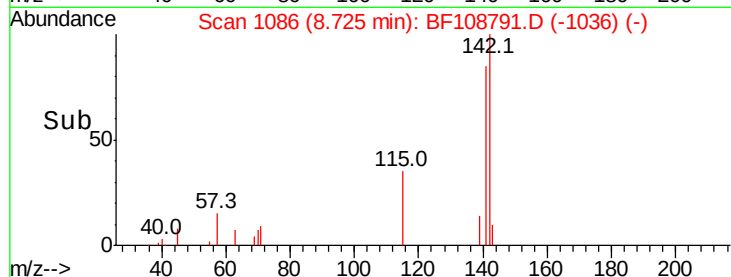
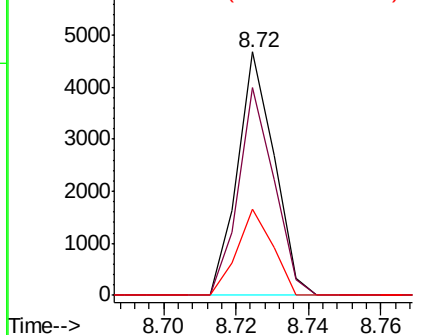
#37
 2-Methylnaphthalene
 Concen: 0.128 ng
 RT: 8.72 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 3294
 Ion Ratio Lower Upper
 142 100
 141 85.5 70.8 106.2
 115 35.3 26.1 39.1

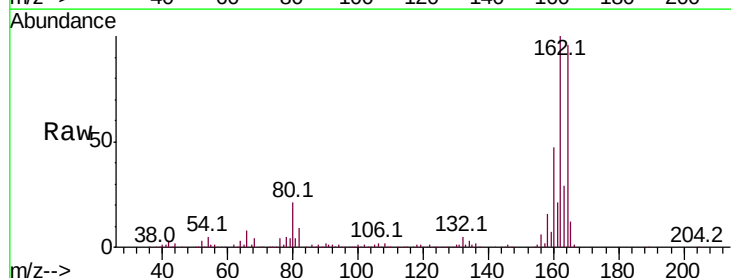


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

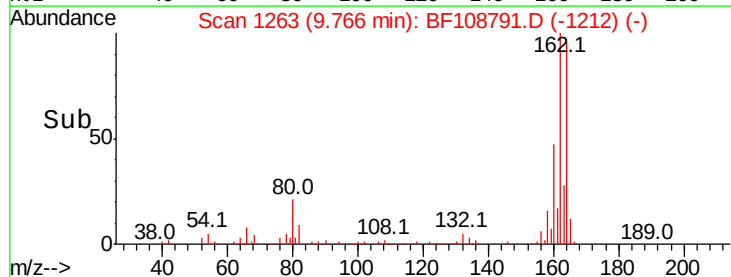
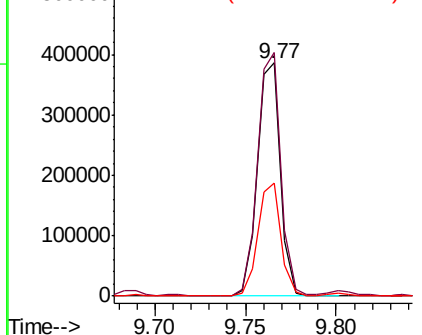


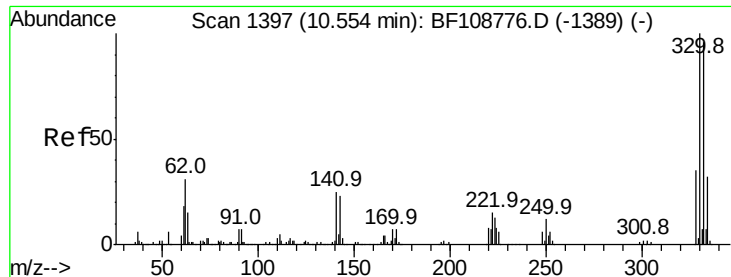
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Tgt Ion:164 Resp: 341096
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 48.6 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: 82.720 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampleId :

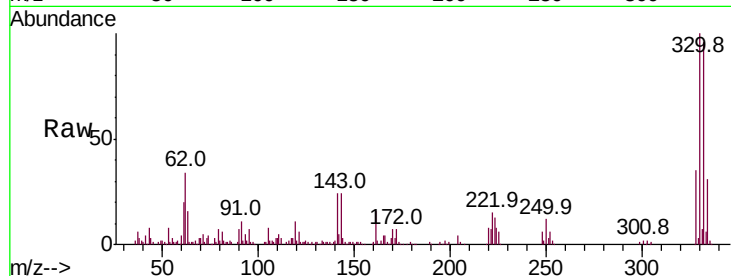
Tot Ion:330 Resp: 269360

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

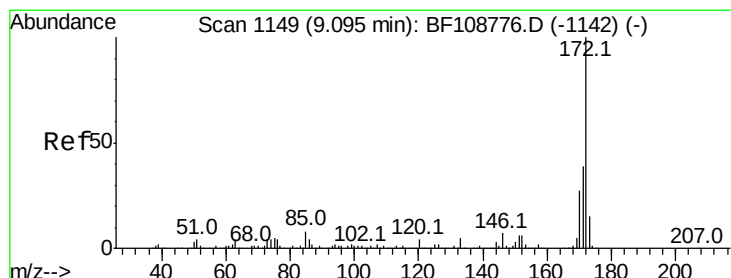
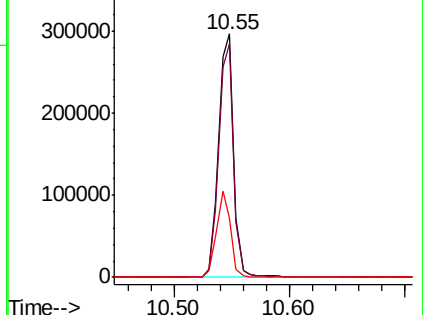
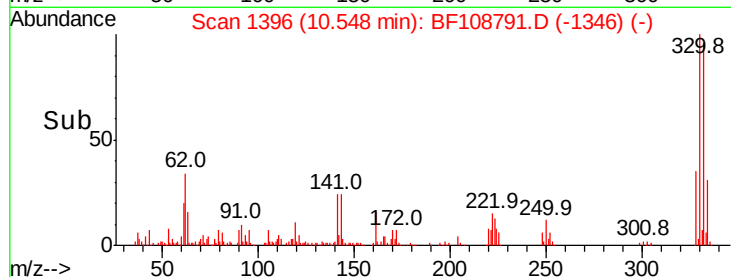
141 33.0 29.9 44.9



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: 70.109 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

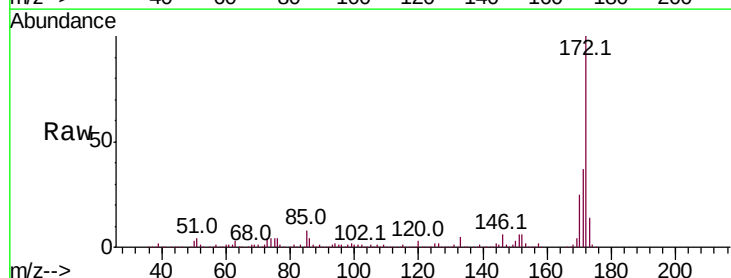
Tgt Ion:172 Resp: 1401758

Ion Ratio Lower Upper

172 100

171 37.5 29.7 44.5

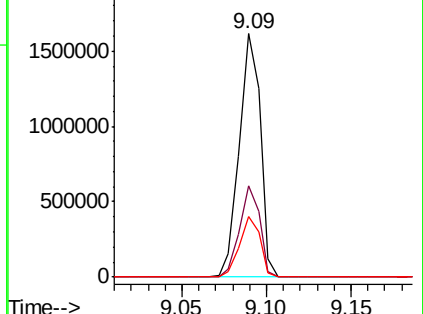
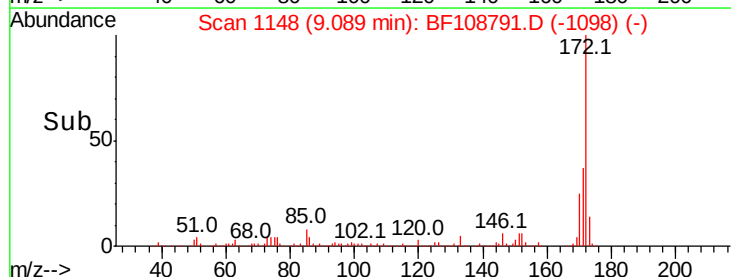
170 25.1 19.6 29.4

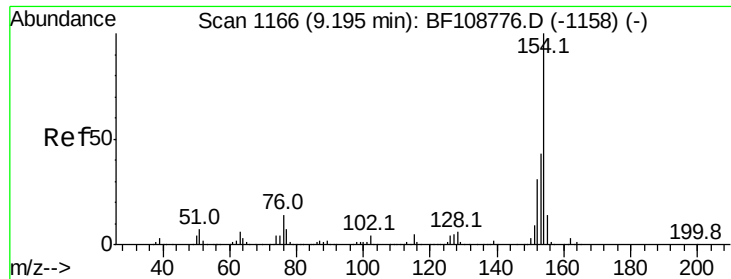


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 0.110 ng

RT: 9.19 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampleId :

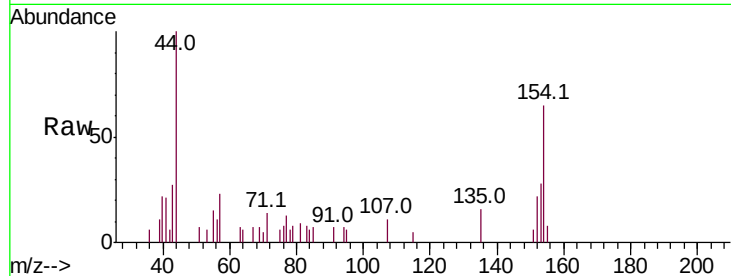
Tot Ion:154 Resp: 2878

Ion Ratio Lower Upper

154 100

153 43.0 21.3 61.3

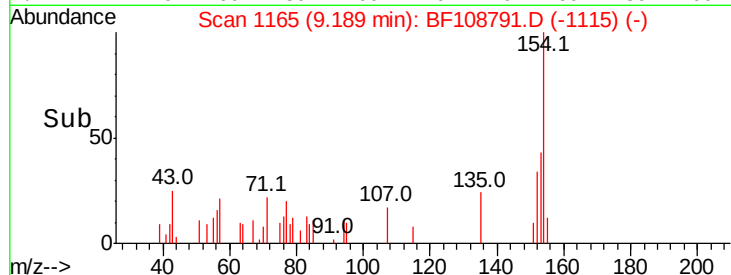
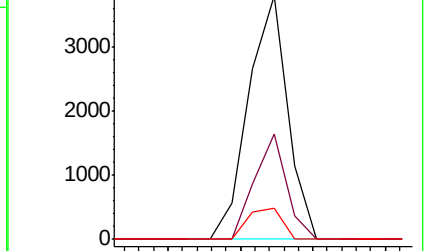
76 12.6 0.0 34.0



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: 0.097 ng

RT: 9.22 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

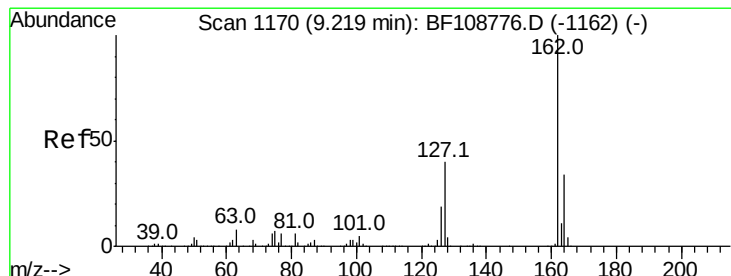
Tgt Ion:162 Resp: 2068

Ion Ratio Lower Upper

162 100

127 14.7 33.9 50.9#

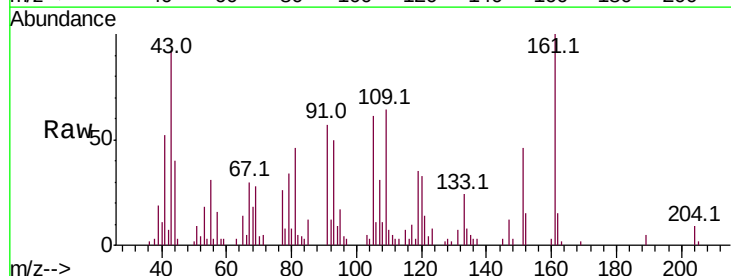
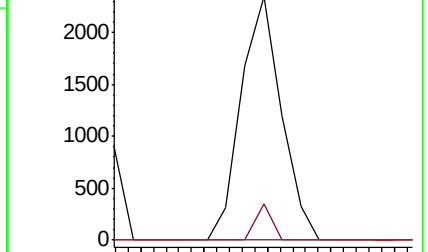
164 0.0 26.5 39.7#

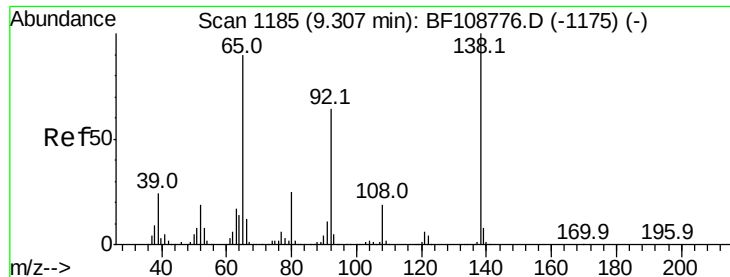


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

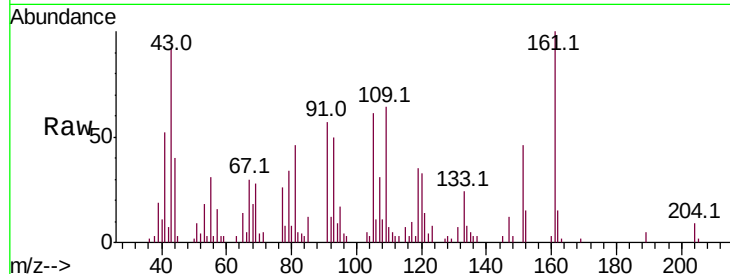




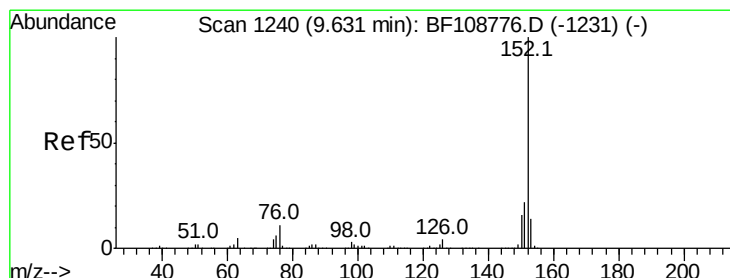
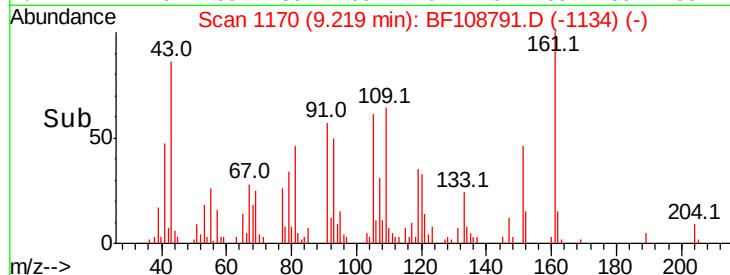
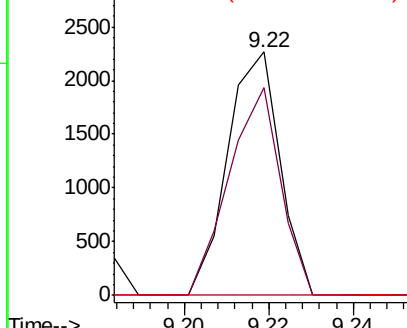
#47
2-Nitroaniline
Concen: 0.335 ng
RT: 9.22 min Scan# 1170
Delta R.T. -0.09 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 1946
Ion Ratio Lower Upper
65 100
92 85.1 55.8 83.6#
138 0.0 91.2 136.8#

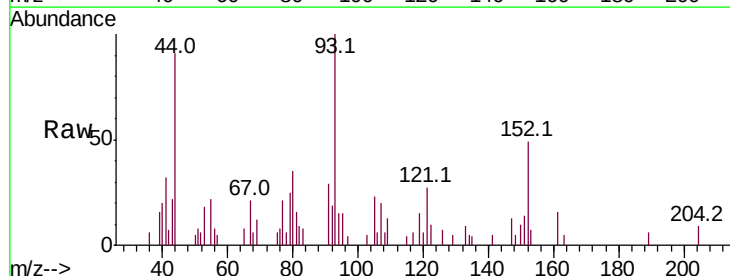


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

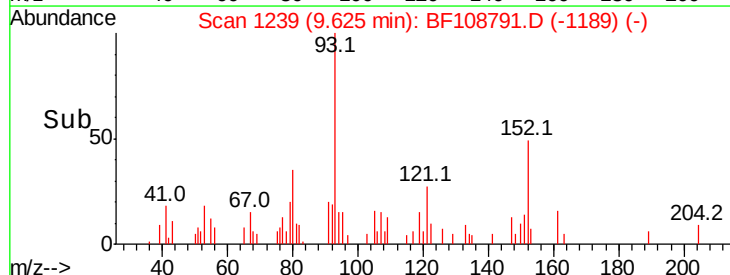
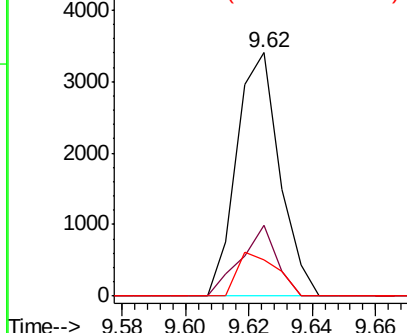


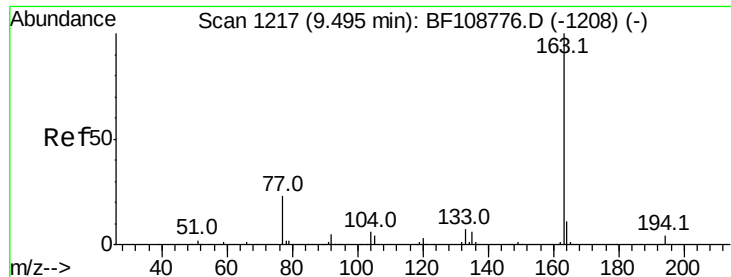
#48
Acenaphthylene
Concen: 0.101 ng
RT: 9.62 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Tgt Ion:152 Resp: 3191
Ion Ratio Lower Upper
152 100
151 29.0 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

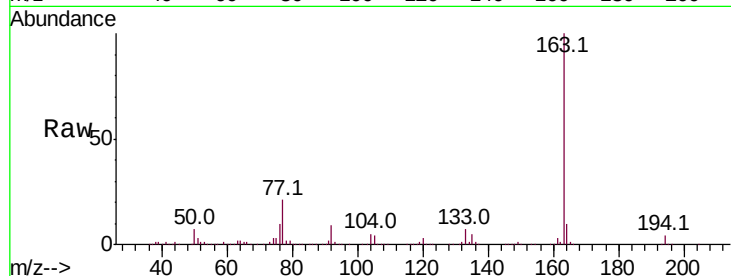




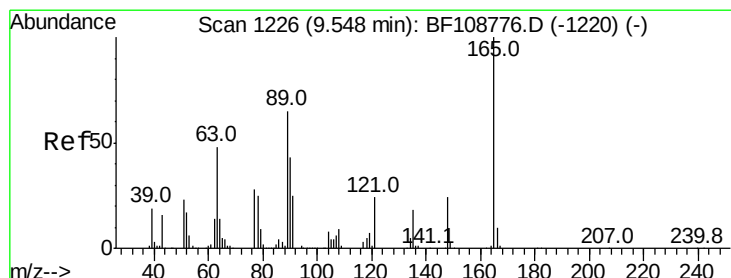
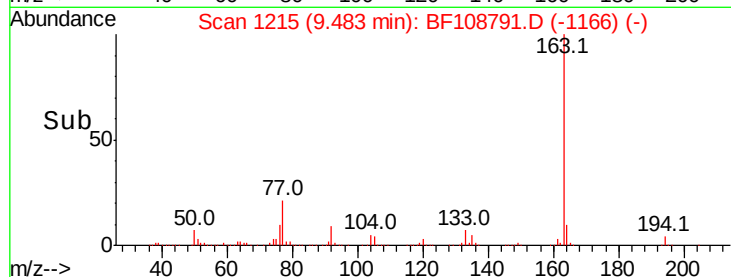
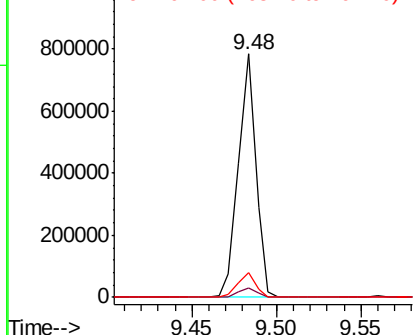
#49
Dimethylphthalate
Concen: 23.838 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 568704
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 8.2 12.2

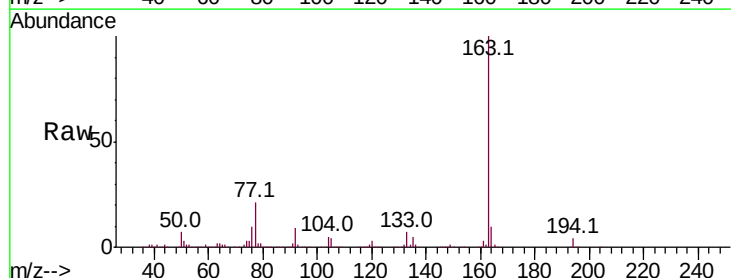


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

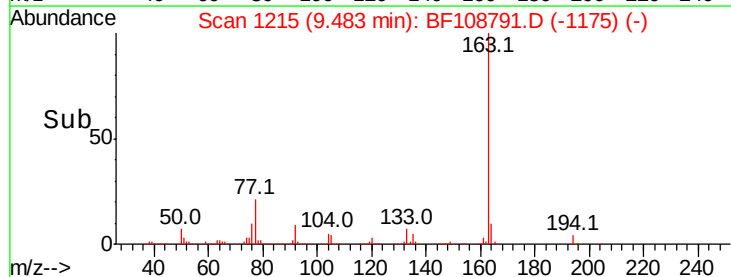
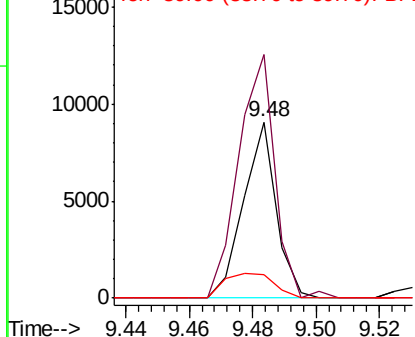


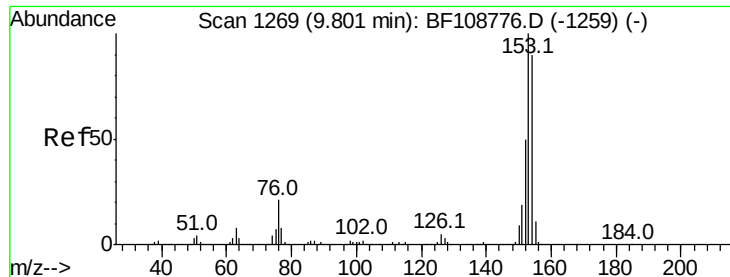
#50
2,6-Dinitrotoluene
Concen: 1.425 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.06 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Tgt Ion:165 Resp: 6480
Ion Ratio Lower Upper
165 100
63 138.2 44.7 67.1#
89 13.0 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: 0.025 ng

RT: 9.80 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampled :

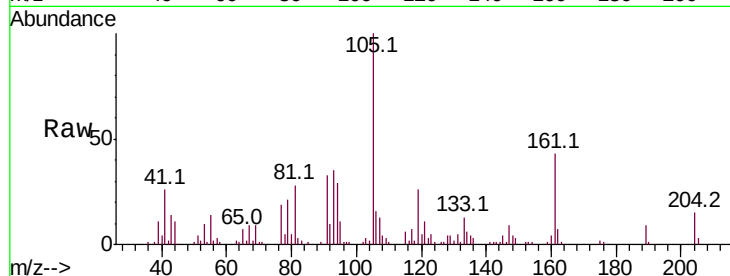
Tot Ion:154 Resp: 495

Ion Ratio Lower Upper

154 100

153 89.4 91.2 136.8#

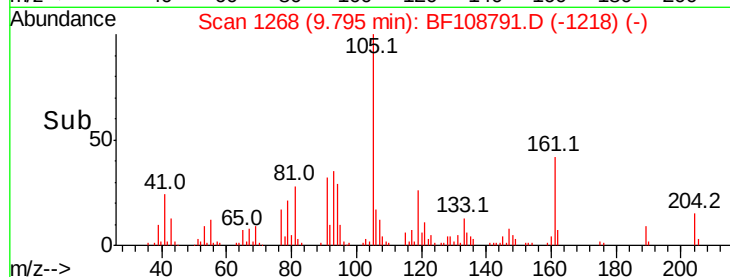
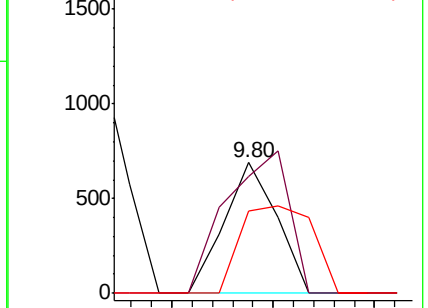
152 63.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.012 ng

RT: 9.97 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

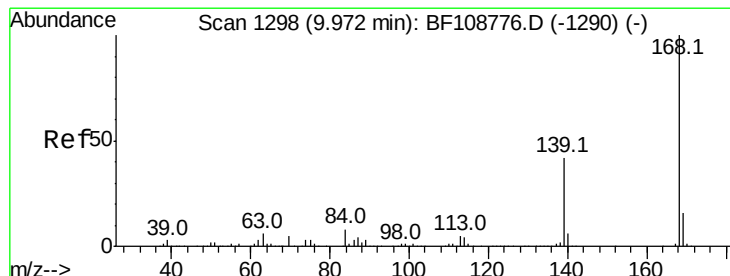
Tgt Ion:168 Resp: 351

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

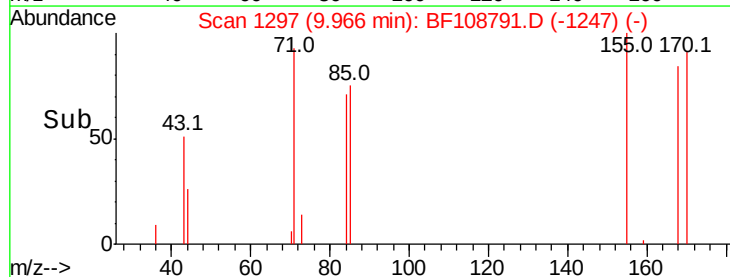
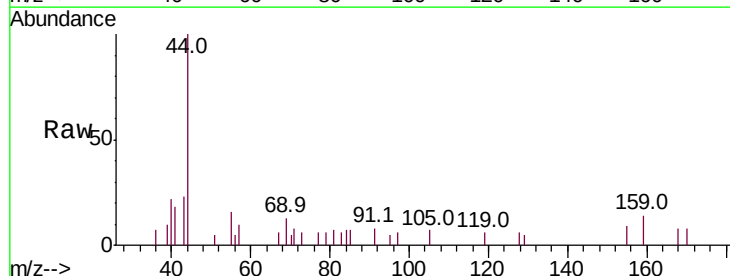
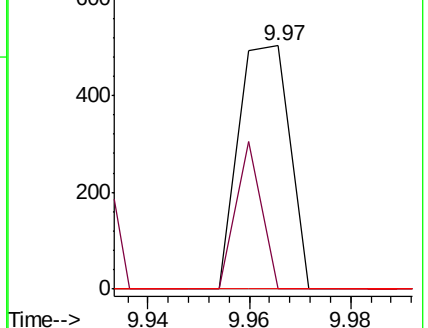
169 0.0 10.9 16.3#

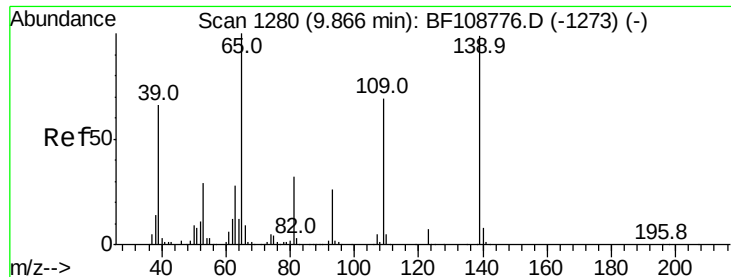


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.154 ng

RT: 9.90 min Scan# 1286

Delta R.T. 0.04 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampleId :

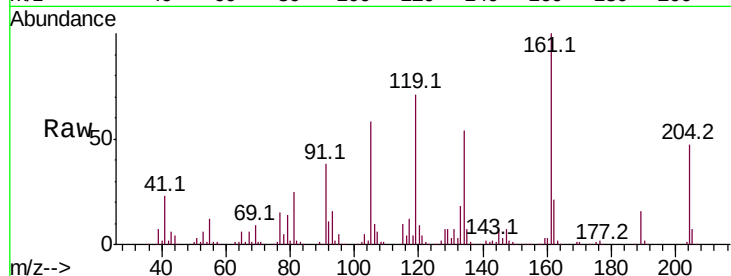
Tot Ion:139 Resp: 624

Ion Ratio Lower Upper

139 100

109 306.0 48.4 88.4#

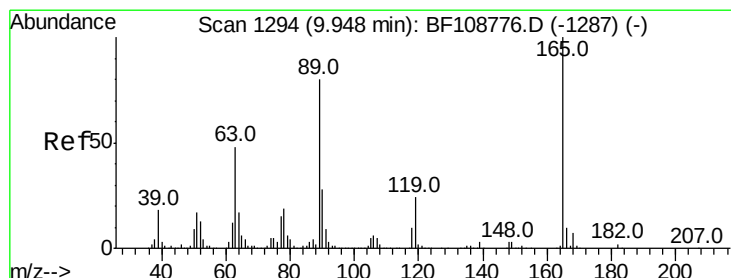
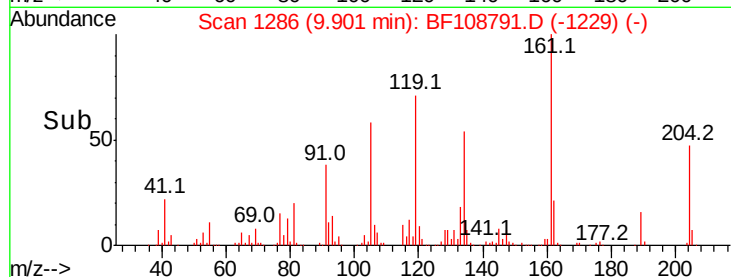
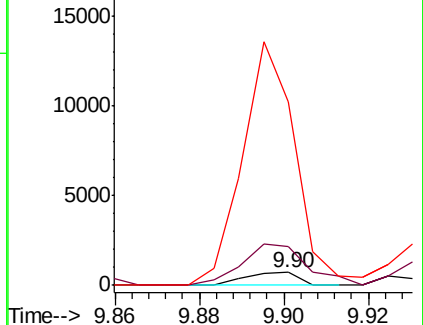
65 1425.8 72.6 112.6#



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: 7.488 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.19 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Tgt Ion:165 Resp: 43533

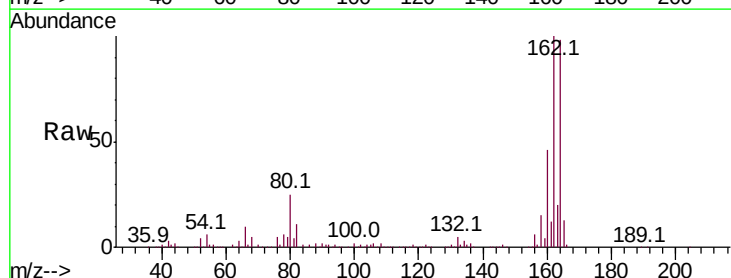
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

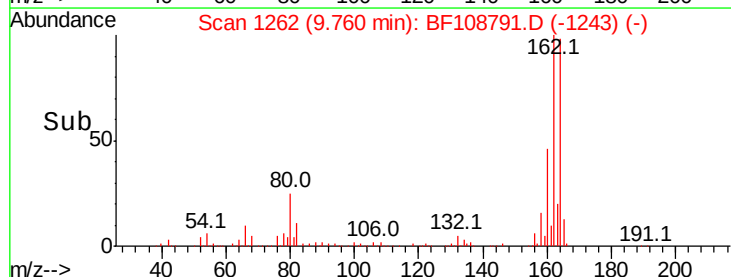
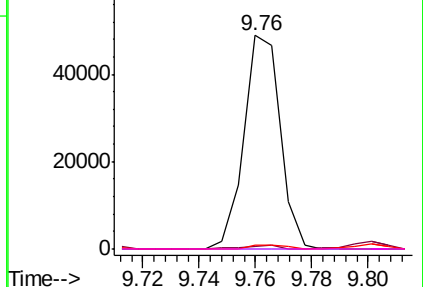


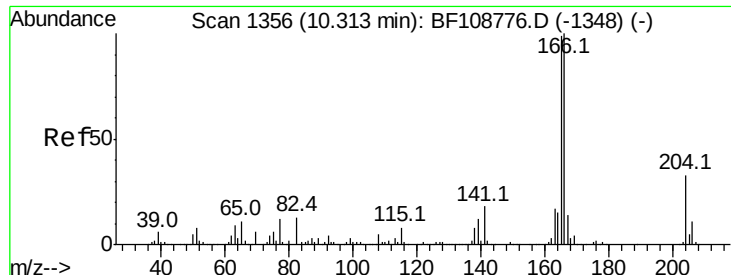
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.052 ng

RT: 10.31 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampled :

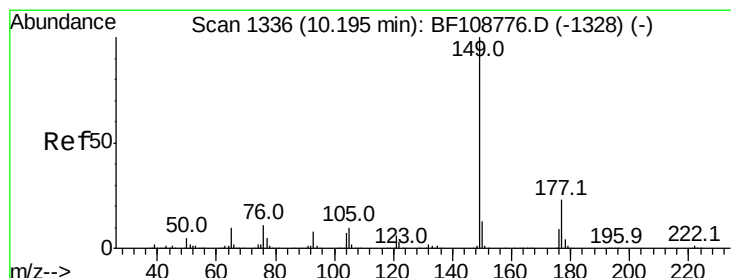
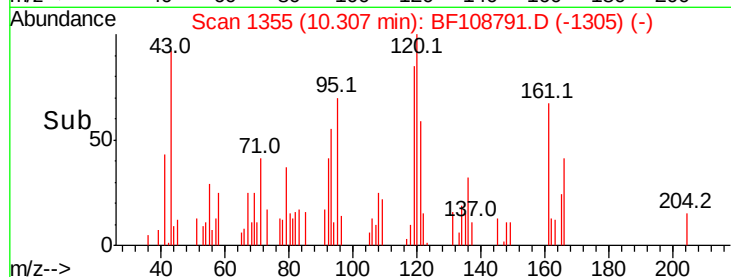
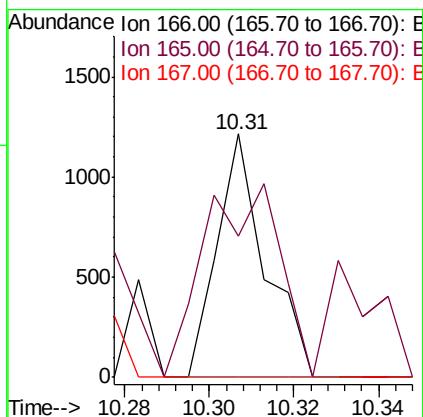
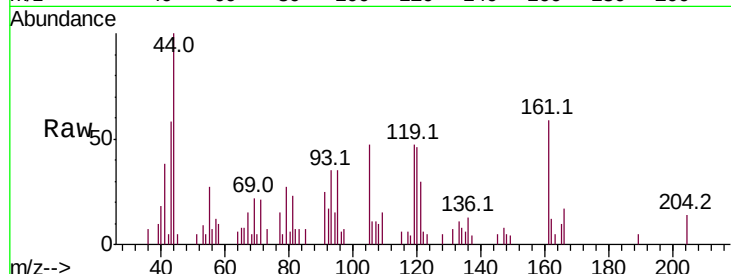
Tot Ion:166 Resp: 956

Ion Ratio Lower Upper

166 100

165 57.9 79.8 119.8#

167 0.0 10.6 16.0#



#59

Diethylphthalate

Concen: 0.425 ng

RT: 10.18 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

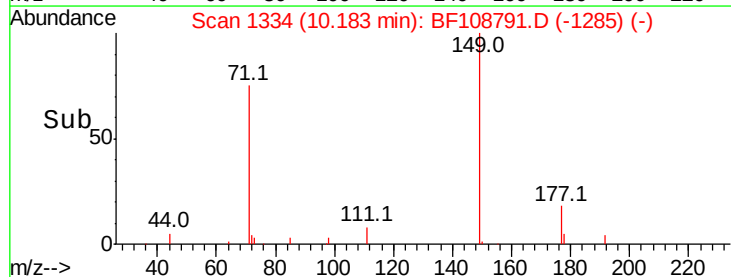
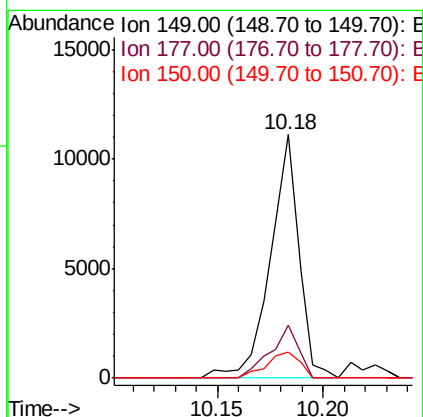
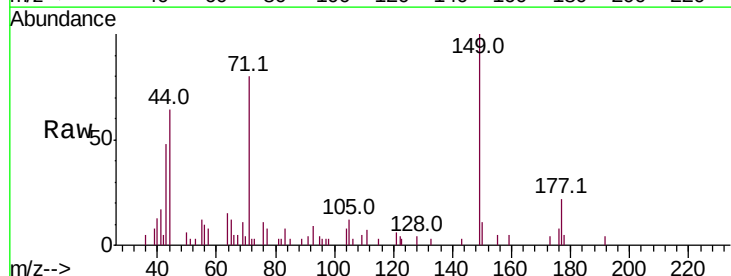
Tgt Ion:149 Resp: 10462

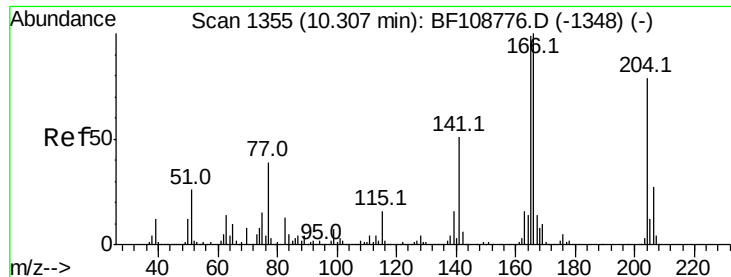
Ion Ratio Lower Upper

149 100

177 21.7 16.1 24.1

150 10.8 10.1 15.1

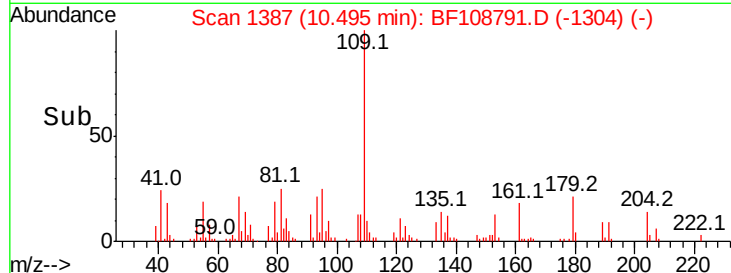
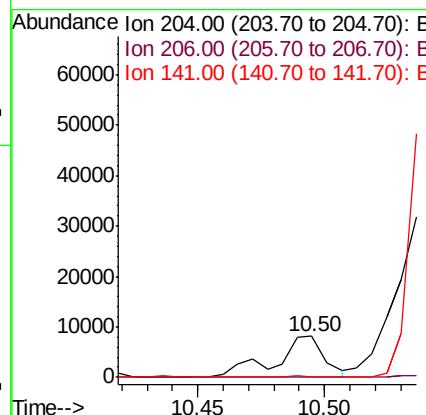
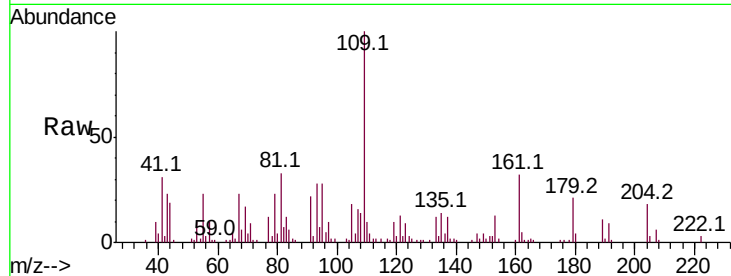




#60
 4-Chlorophenyl-phenylether
 Concen: 1.137 ng
 RT: 10.50 min Scan# 1387
 Delta R.T. 0.19 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

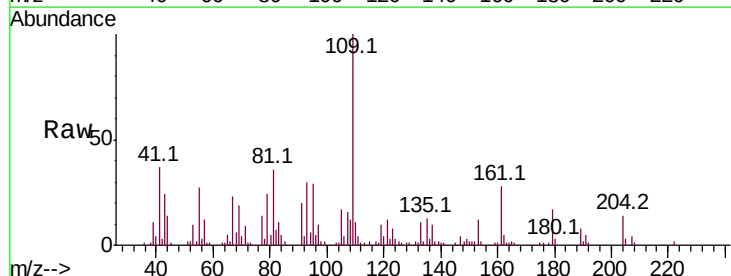
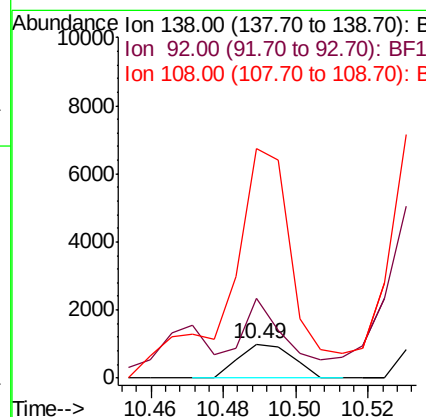
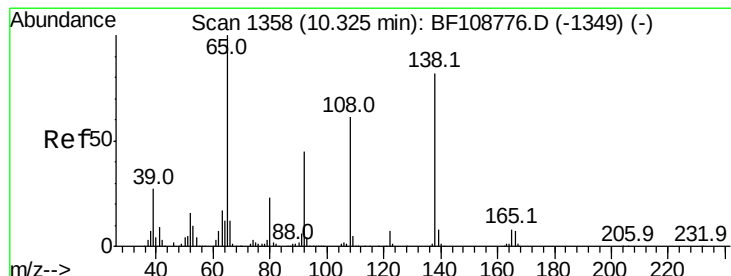
Instrument :
 BNA_F
 ClientSampleId :

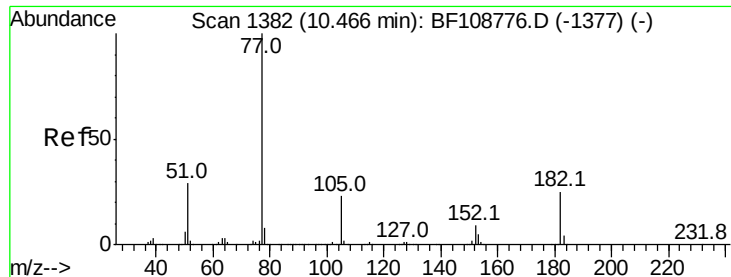
Tot Ion:204 Resp: 11130
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.5 39.7#
 141 0.0 54.6 81.8#



#61
 4-Nitroaniline
 Concen: 0.210 ng
 RT: 10.49 min Scan# 1386
 Delta R.T. 0.16 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Tgt Ion:138 Resp: 1031
 Ion Ratio Lower Upper
 138 100
 92 235.7 30.2 70.2#
 108 678.1 52.5 92.5#





#62

Azobenzene

Concen: 0.381 ng

RT: 10.49 min Scan# 1386

Delta R.T. 0.02 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 9670

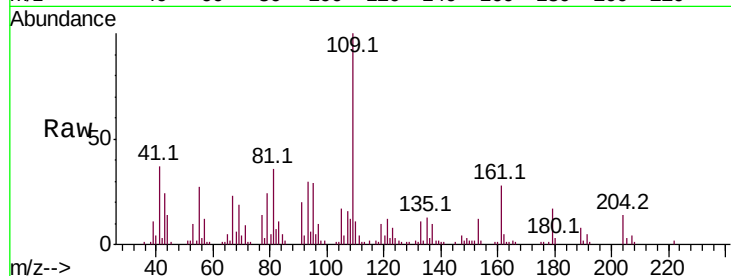
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 120.6 3.0 43.0#

51 17.2 9.9 49.9

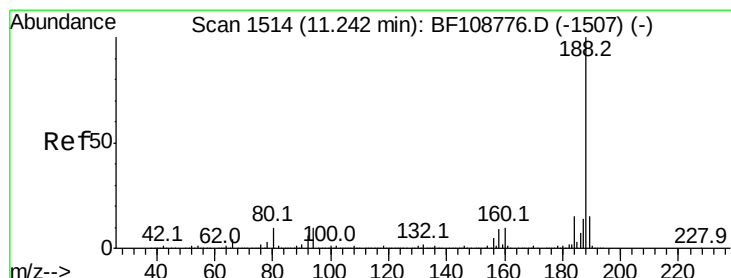
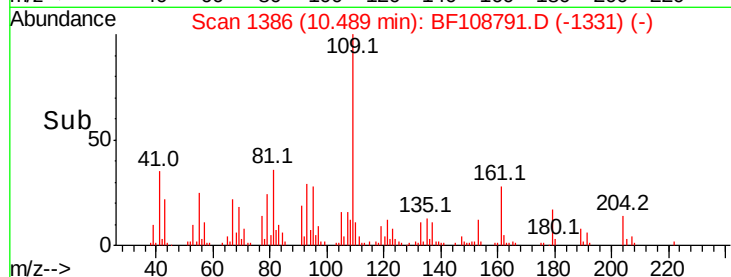
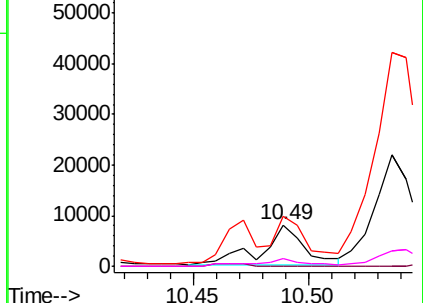


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF108791.D

Acq: 5 Sep 2018 23:01

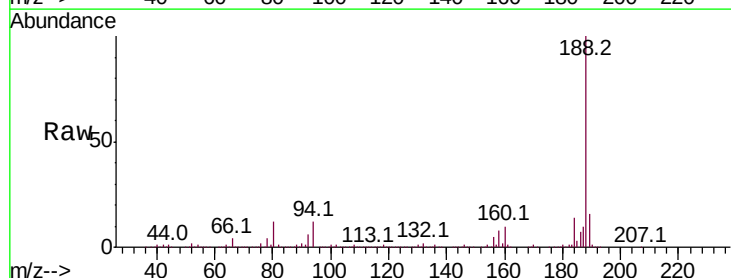
Tgt Ion: 188 Resp: 565219

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

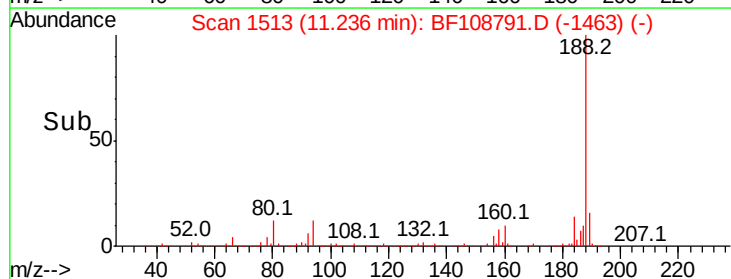
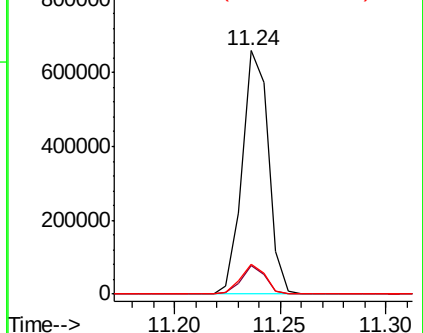
80 12.2 9.2 13.8

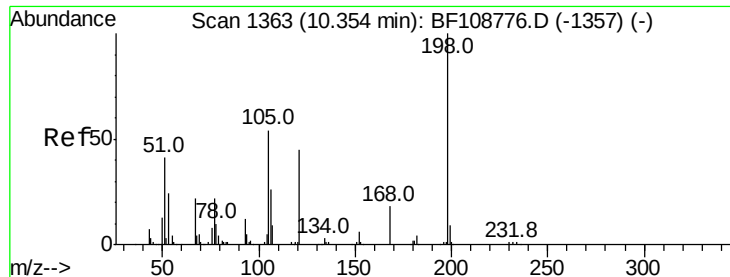


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

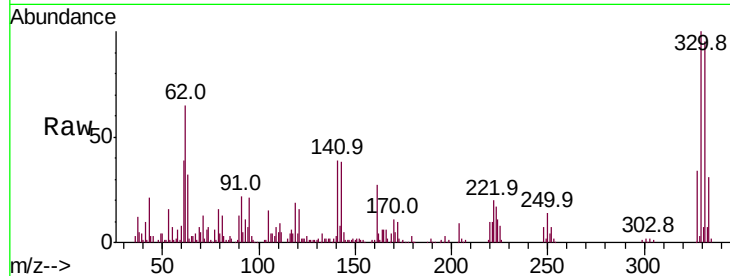




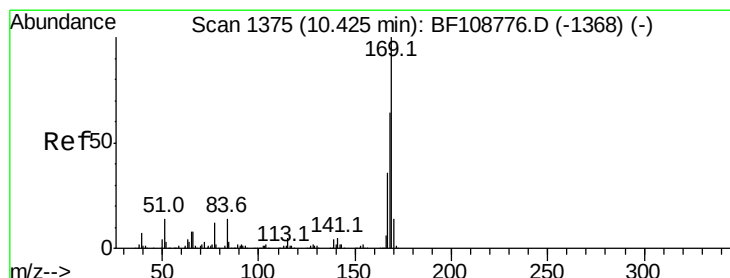
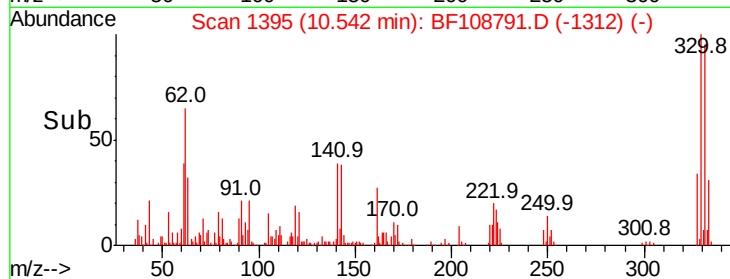
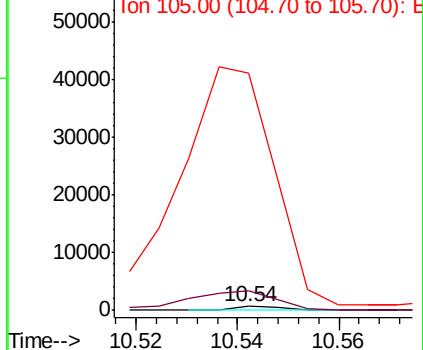
#64
4,6-Dinitro-2-methylphenol
Concen: 7.035 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.19 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 433
Ion Ratio Lower Upper
198 100
51 524.4 37.7 77.7#
105 6546.0 36.3 76.3#

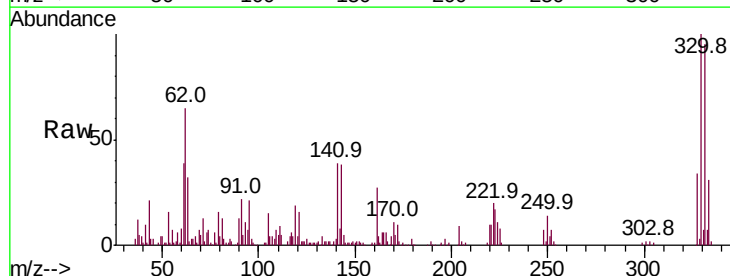


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

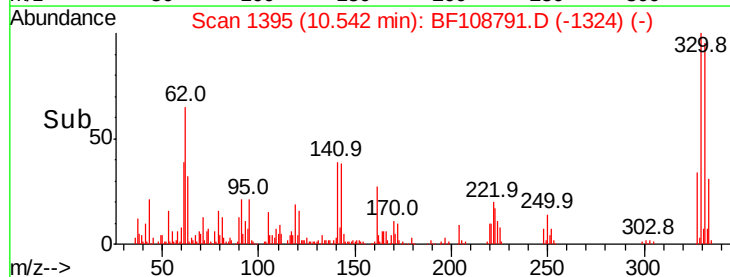
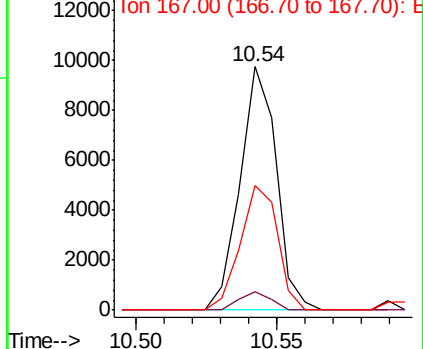


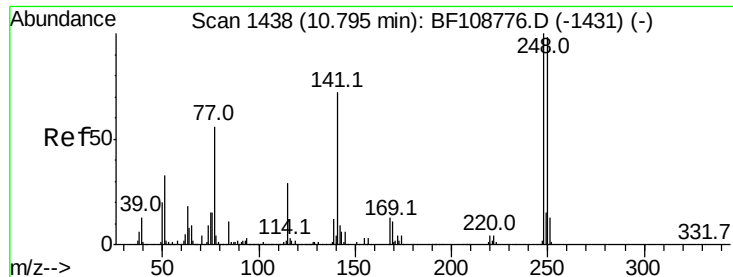
#65
n-Nitrosodiphenylamine
Concen: 0.464 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.12 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Tgt Ion:169 Resp: 8717
Ion Ratio Lower Upper
169 100
168 7.7 54.4 81.6#
167 51.1 29.8 44.6#



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

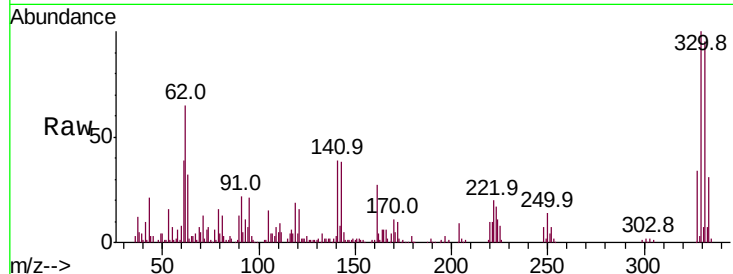




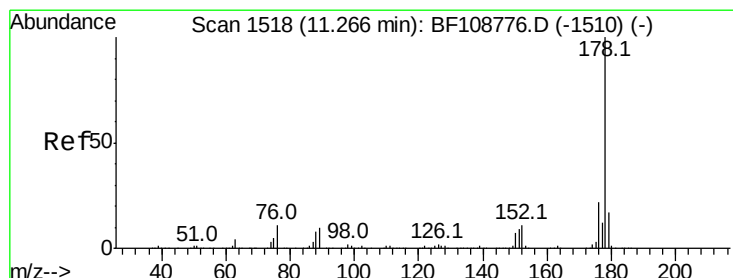
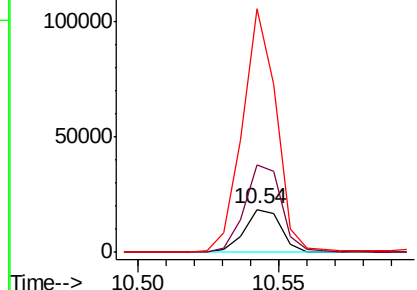
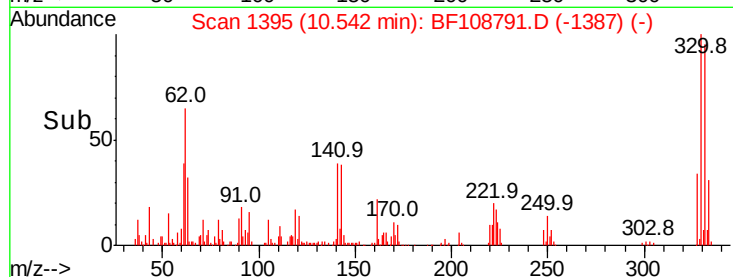
#66
 4-Bromophenyl-phenylether
 Concen: 2.609 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.25 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16656
 Ion Ratio Lower Upper
 248 100
 250 203.1 76.9 115.3#
 141 567.9 74.4 111.6#

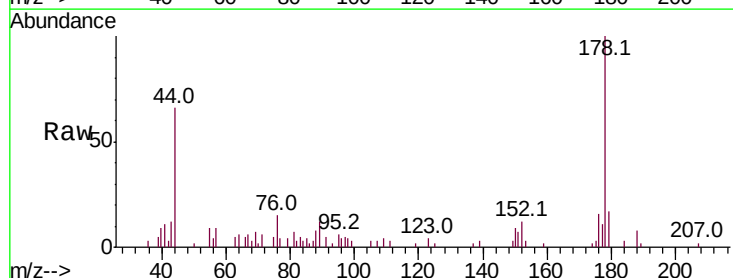


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

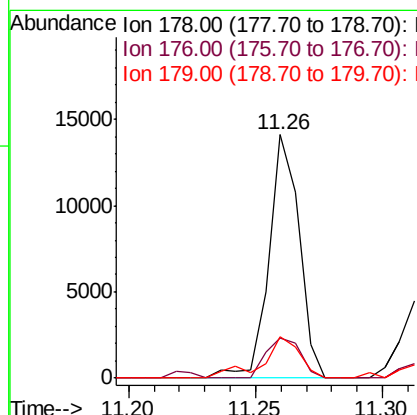
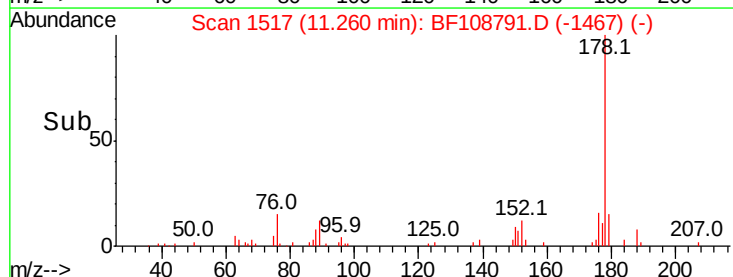


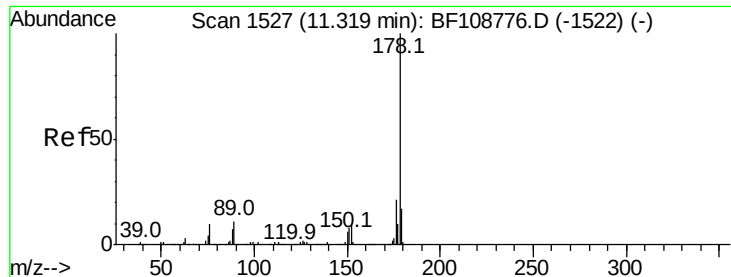
#70
 Phenanthrene
 Concen: 0.435 ng
 RT: 11.26 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Tgt Ion:178 Resp: 11728
 Ion Ratio Lower Upper
 178 100
 176 16.5 15.8 23.8
 179 16.8 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

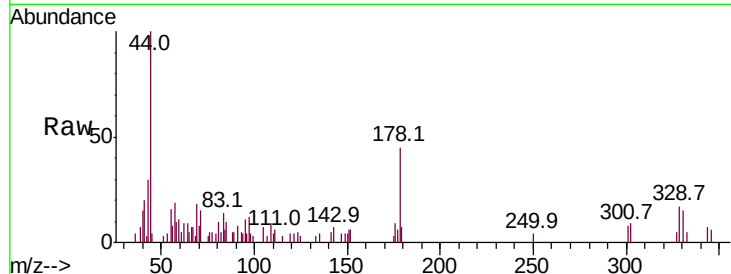




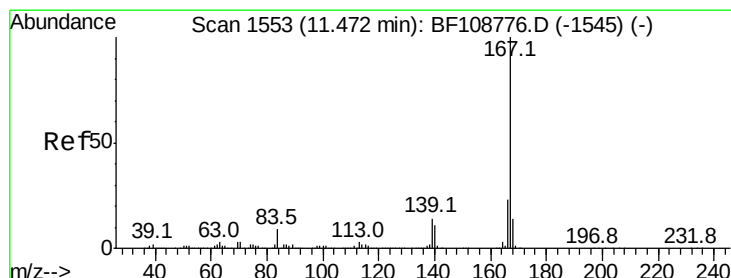
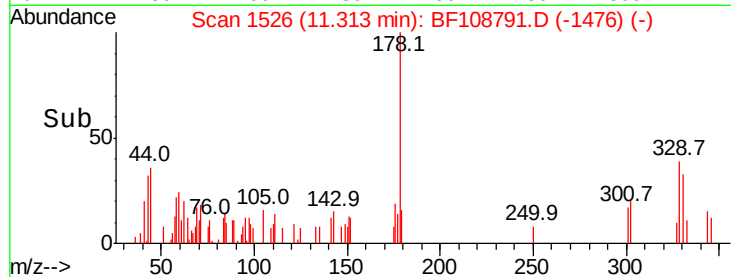
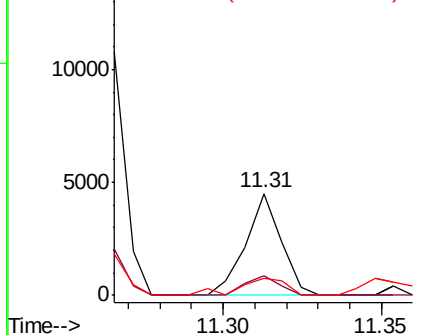
#71
 Anthracene
 Concen: 0.136 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 3516
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 16.2 12.6 19.0

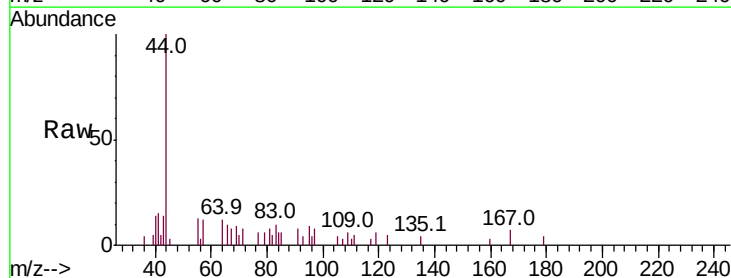


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

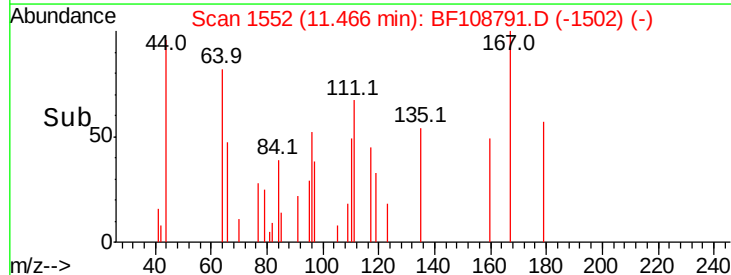
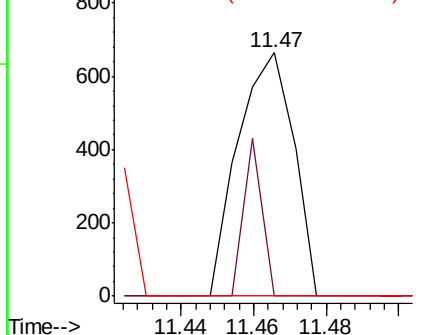


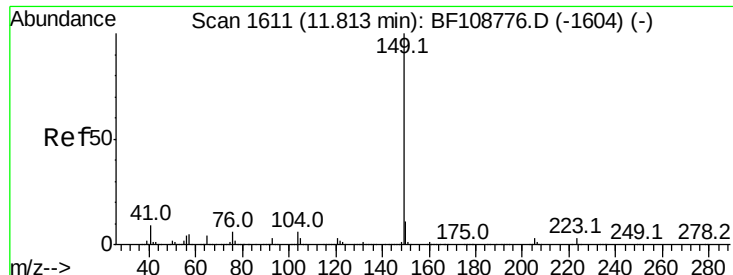
#72
 Carbazole
 Concen: 0.026 ng
 RT: 11.47 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Tgt Ion:167 Resp: 707
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.6 26.4#
 139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.344 ng

RT: 11.81 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampled :

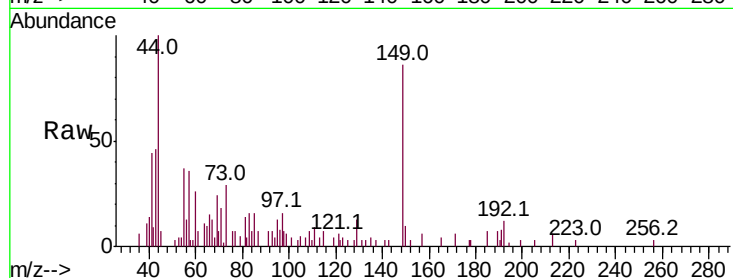
Tot Ion:149 Resp: 10397

Ion Ratio Lower Upper

149 100

150 12.0 7.8 11.6#

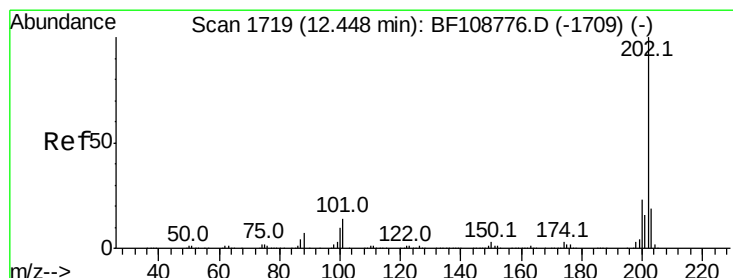
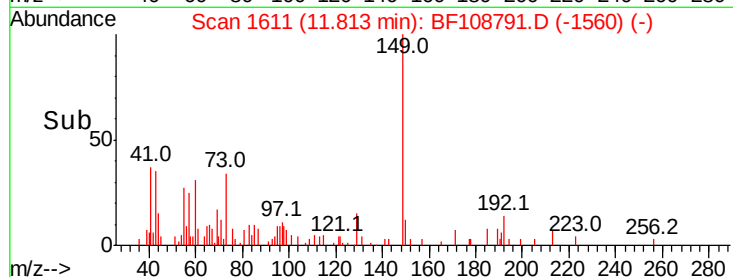
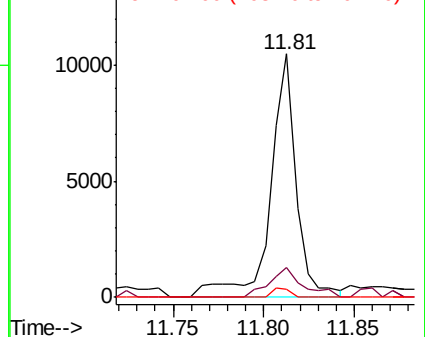
104 3.5 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.665 ng

RT: 12.45 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

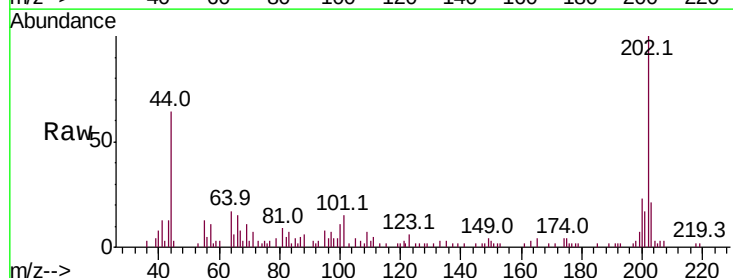
Tgt Ion:202 Resp: 17770

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

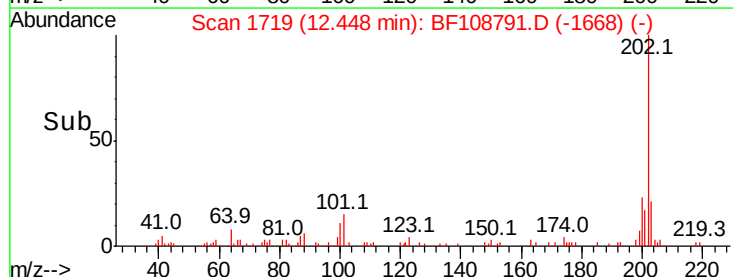
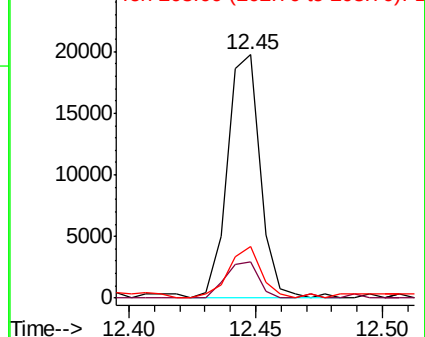
203 21.4 0.0 38.1

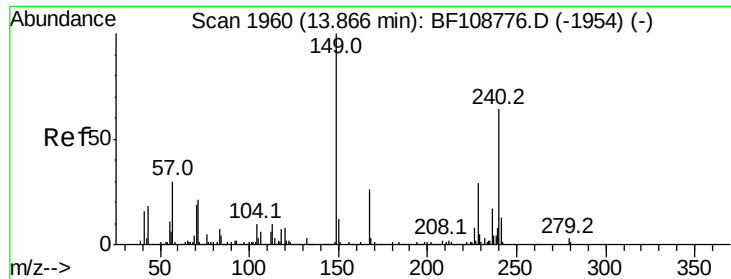


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampleId :

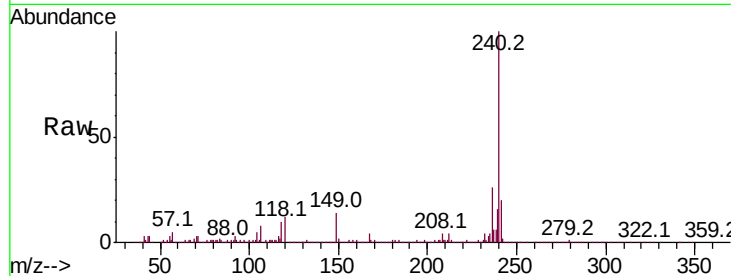
Tot Ion:240 Resp: 559749

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

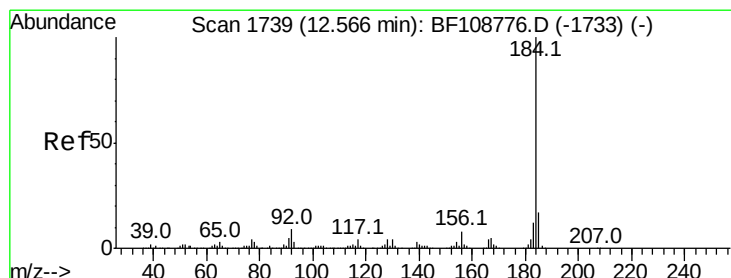
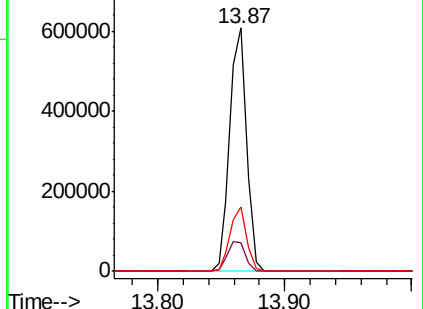
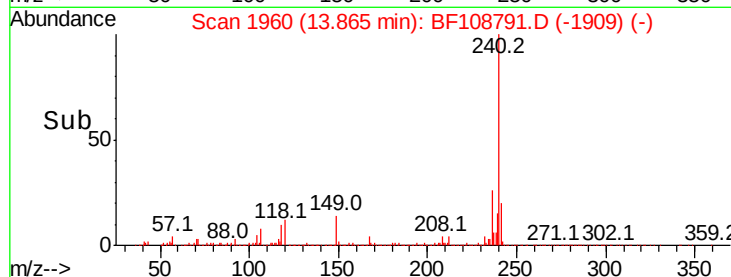
236 26.4 20.7 31.1



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: 0.637 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.26 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

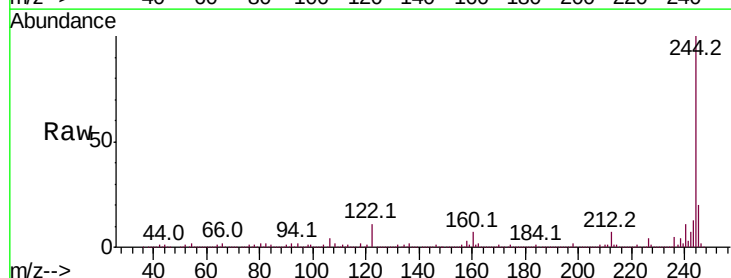
Tgt Ion:184 Resp: 16895

Ion Ratio Lower Upper

184 100

185 16.6 12.6 18.8

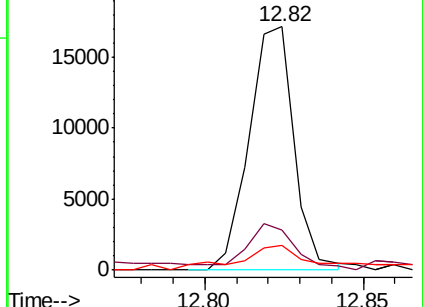
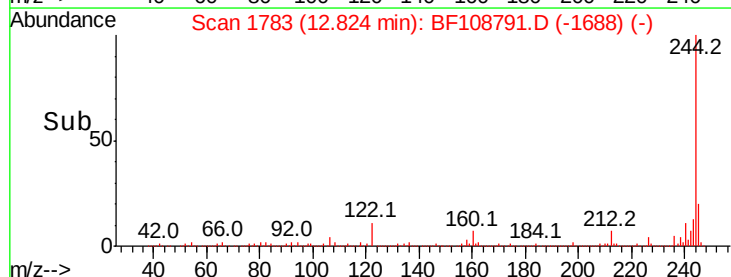
183 10.3 9.3 13.9

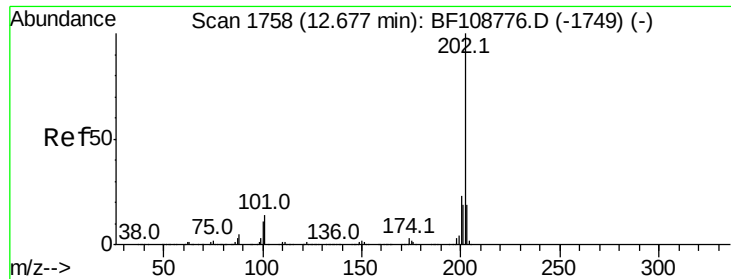


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.619 ng

RT: 12.67 min Scan# 1757

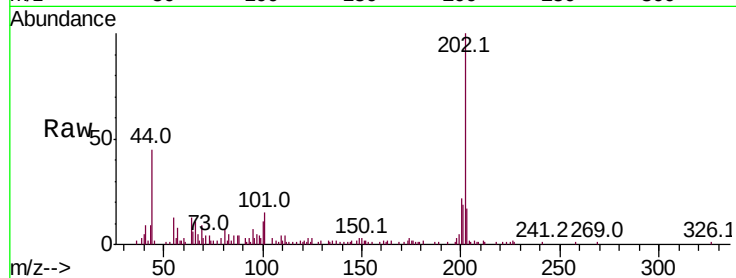
Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.4	14.3	21.5

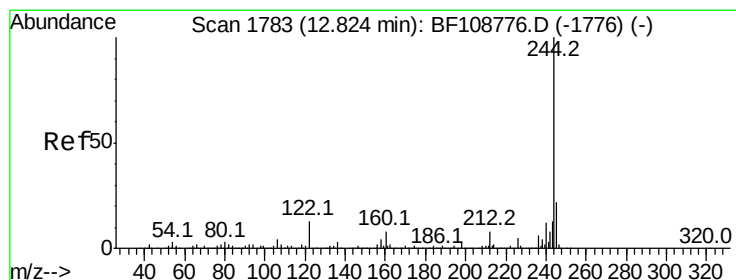
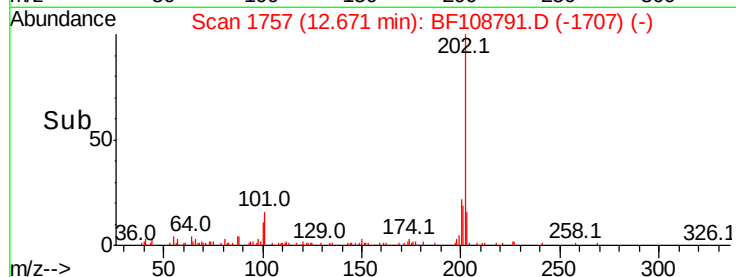
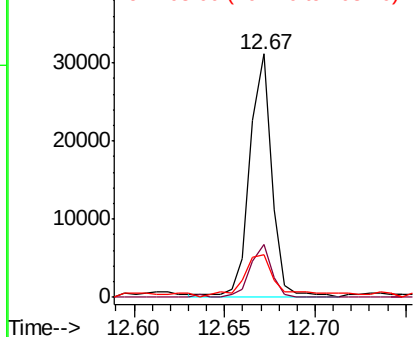


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 51.147 ng

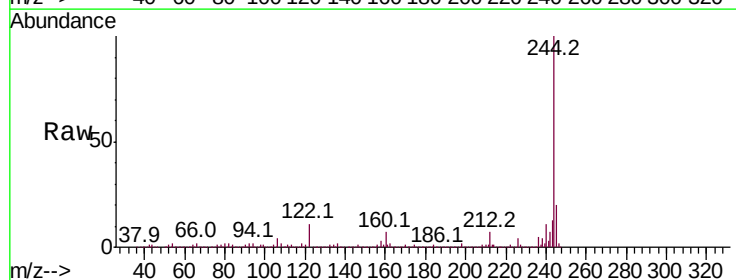
RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.3	11.0	16.4

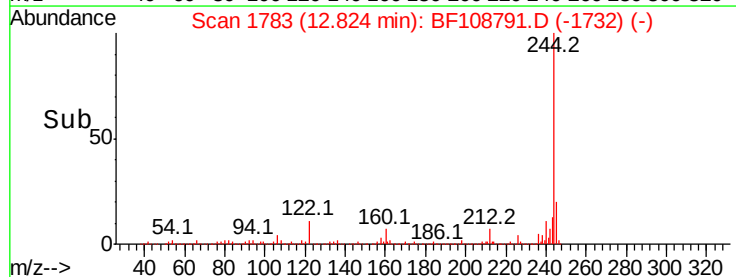
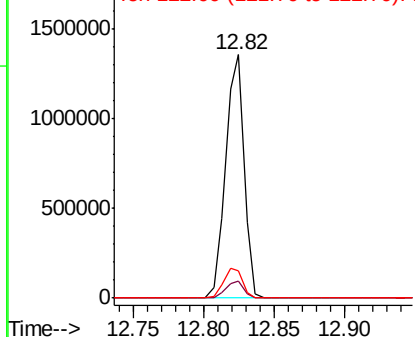


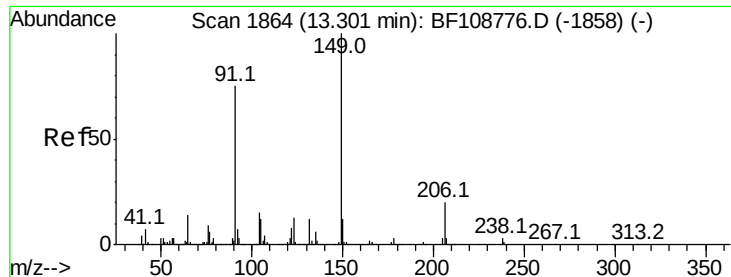
Abundance

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

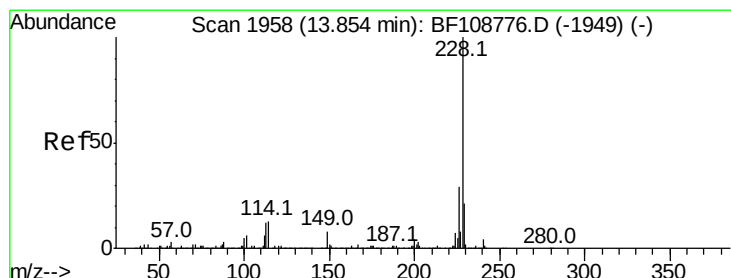
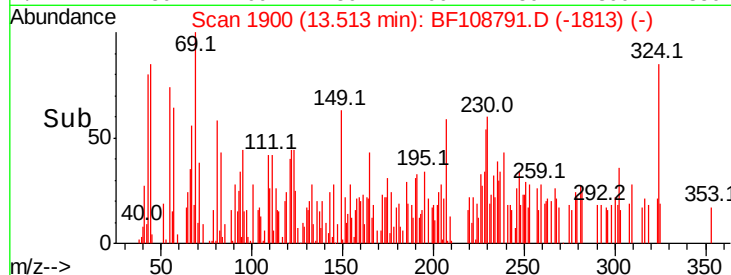
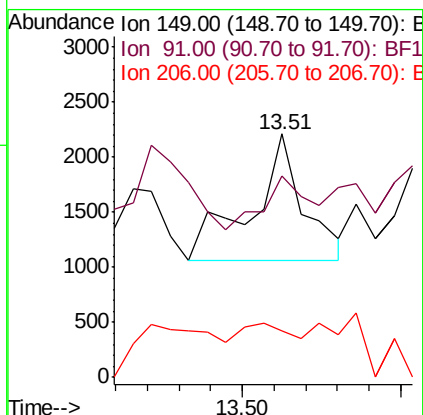
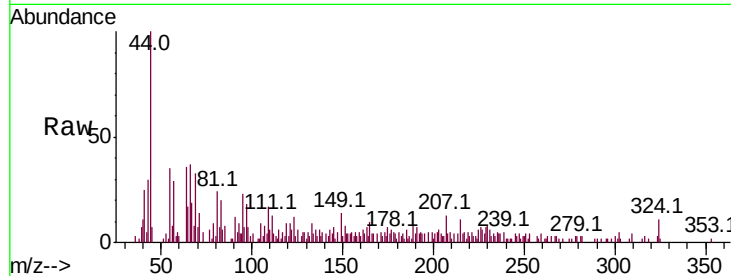




#79
Butylbenzylphthalate
Concen: 0.068 ng
RT: 13.51 min Scan# 1900
Delta R.T. 0.21 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

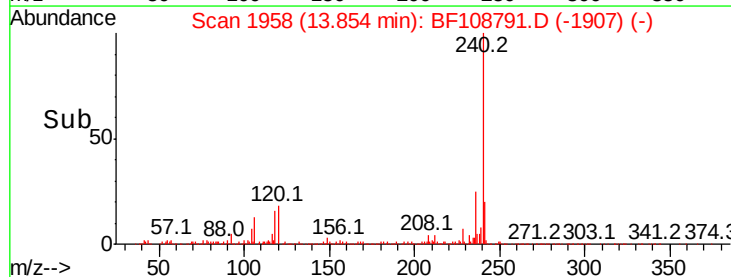
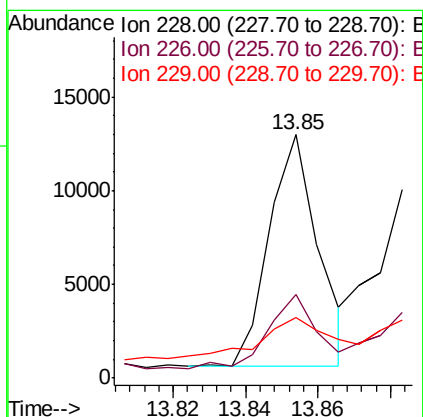
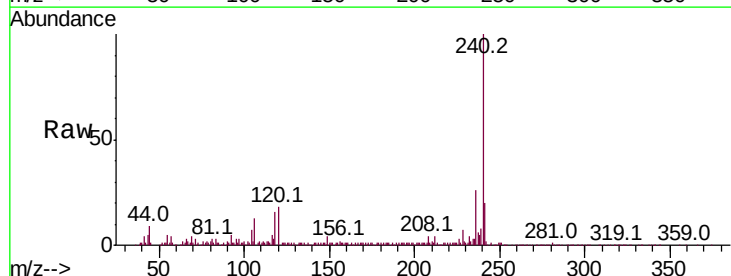
Instrument :
BNA_F
ClientSampleId :

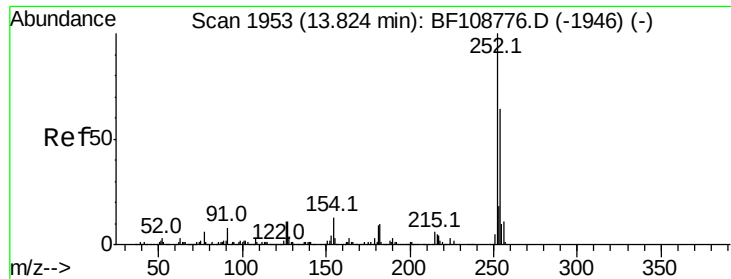
Tot Ion:149 Resp: 1321
Ion Ratio Lower Upper
149 100
91 82.6 56.8 85.2
206 18.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 0.324 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Tgt Ion:228 Resp: 11626
Ion Ratio Lower Upper
228 100
226 34.4 22.6 33.8#
229 25.1 15.8 23.6#

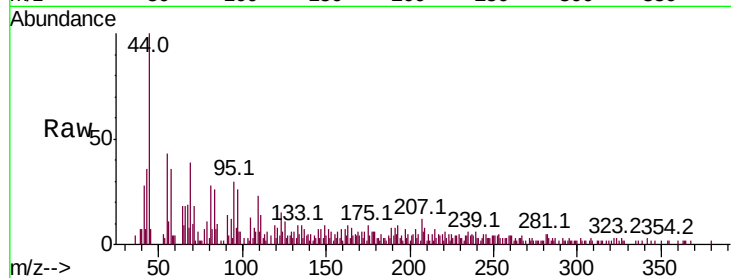




#81
 3,3'-Dichlorobenzidine
 Concen: 0.028 ng
 RT: 13.80 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	78.5	50.4	75.6#
126	74.9	11.3	16.9#

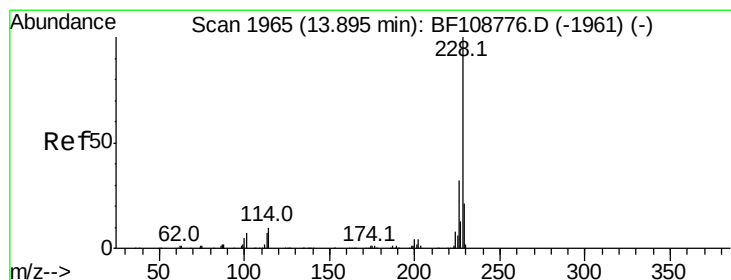
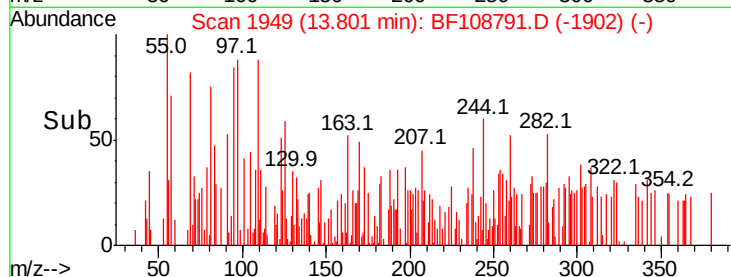
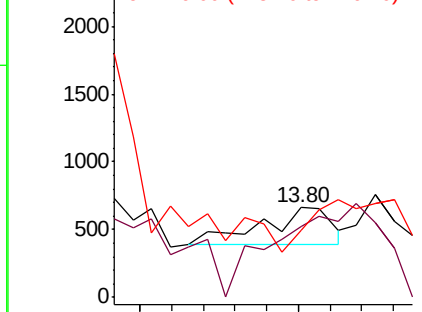


Abundance

Ion 252.00 (251.70 to 252.70): E

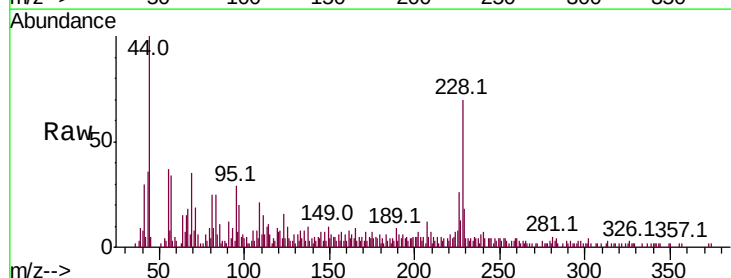
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 0.371 ng
 RT: 13.89 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.5	25.0	37.6
229	25.5	16.2	24.4#

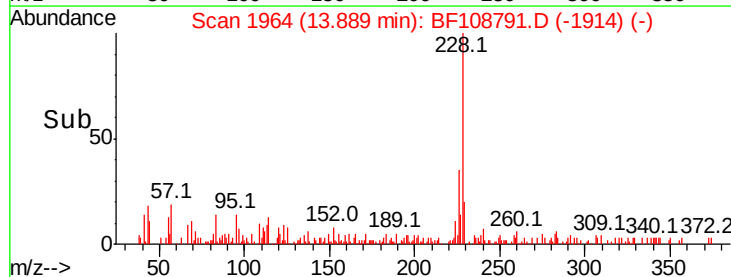
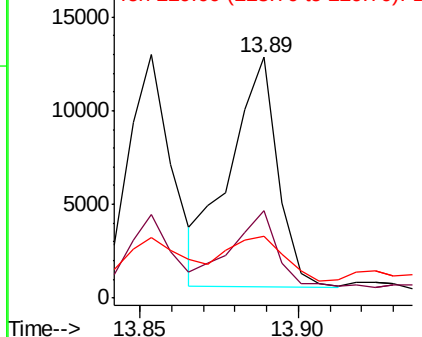


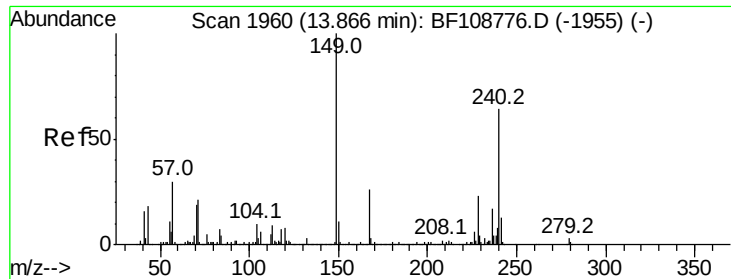
Abundance

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.962 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampled :

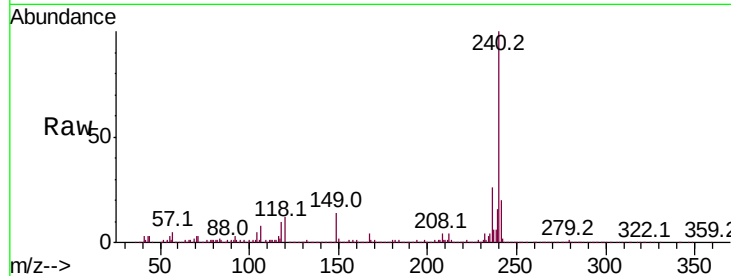
Tot Ion:149 Resp: 72203

Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

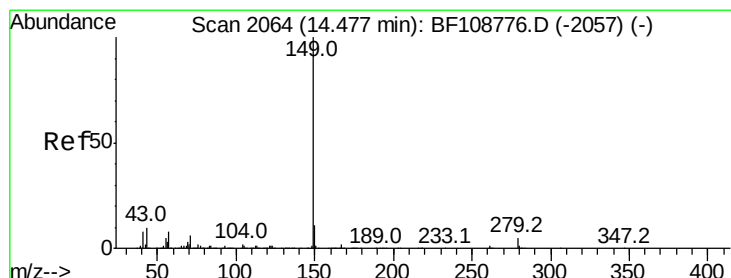
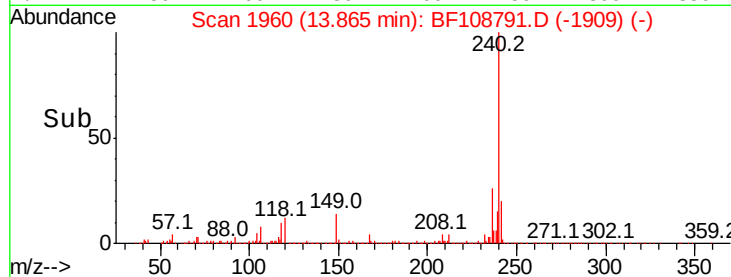
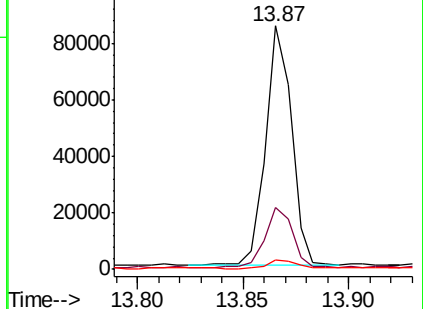
279 3.7 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.014 ng

RT: 14.48 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

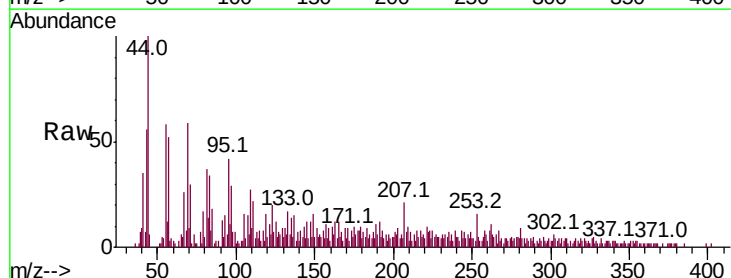
Tgt Ion:149 Resp: 568

Ion Ratio Lower Upper

149 100

167 84.0 1.2 1.8#

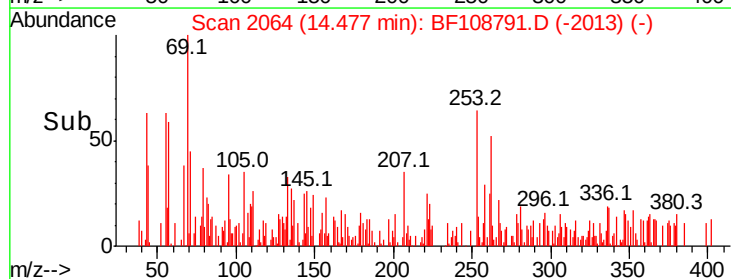
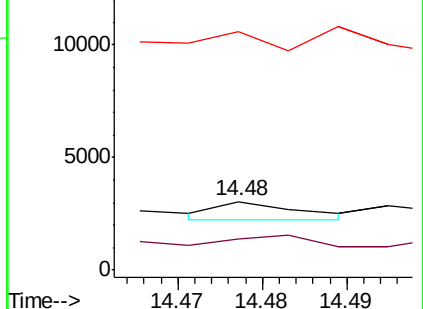
43 289.1 8.4 12.6#

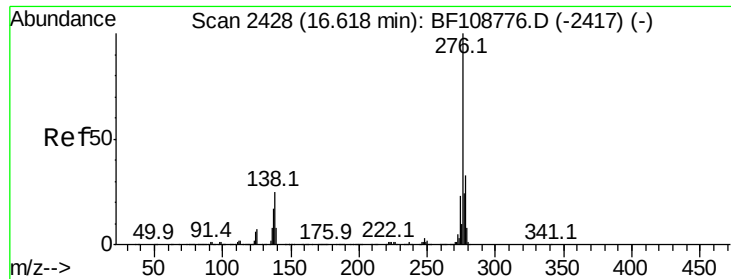


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

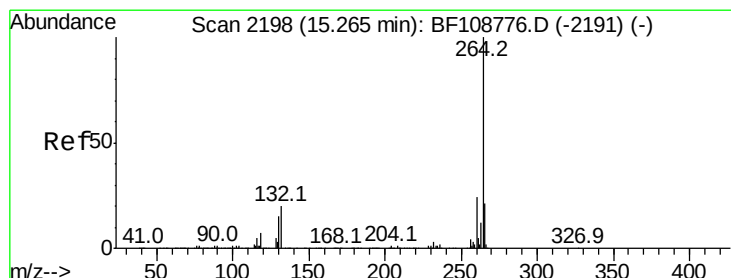
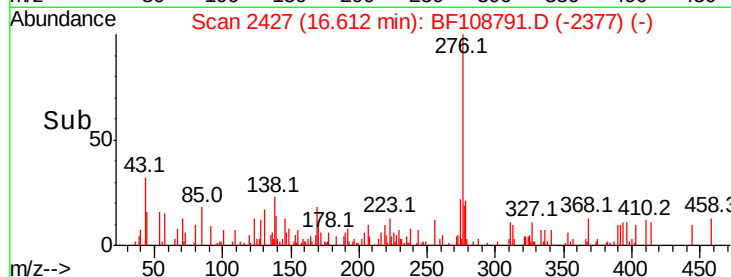
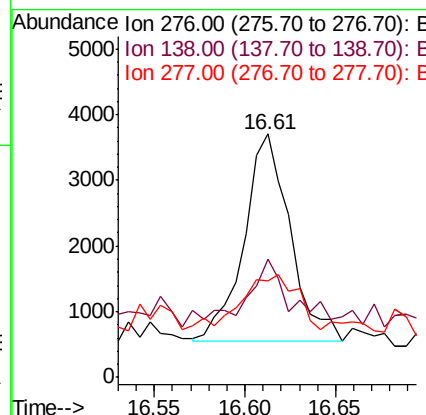
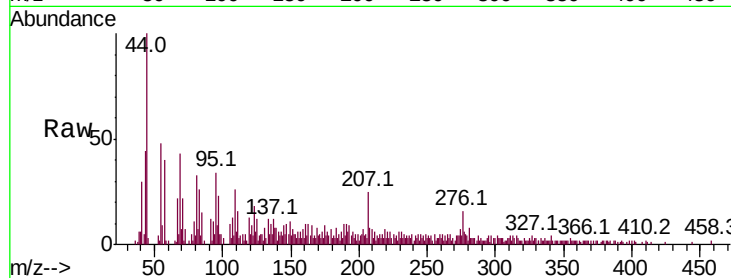




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.180 ng
RT: 16.61 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

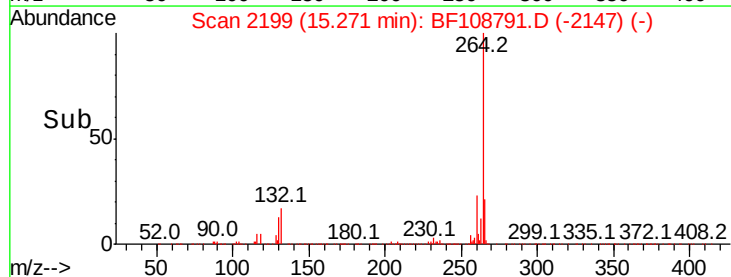
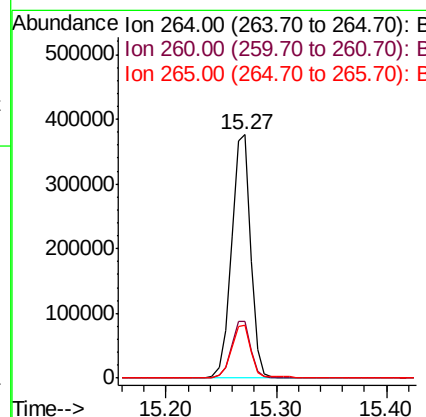
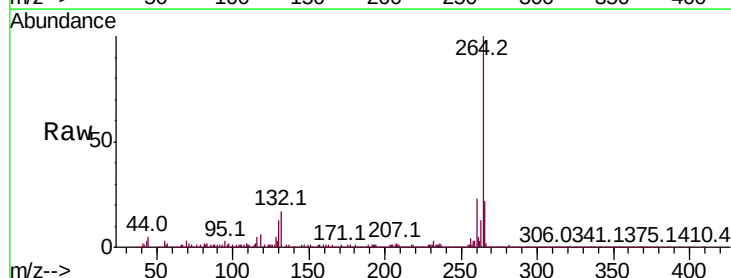
Instrument :
BNA_F
ClientSampled :

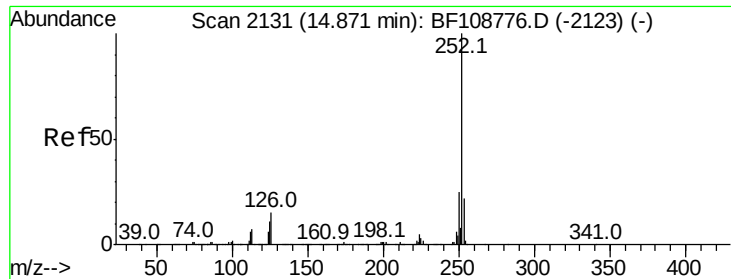
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	25.0	37.6
277	32.4	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	17.5	26.3

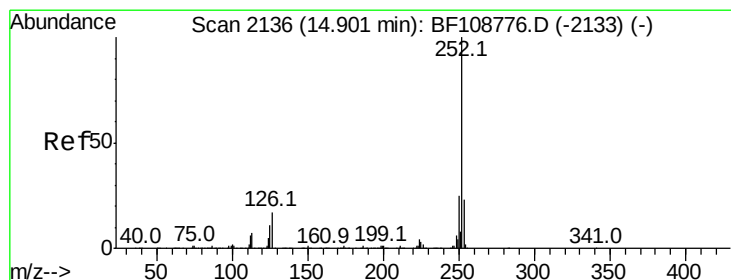
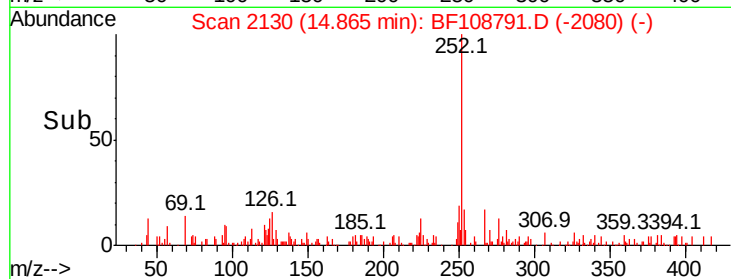
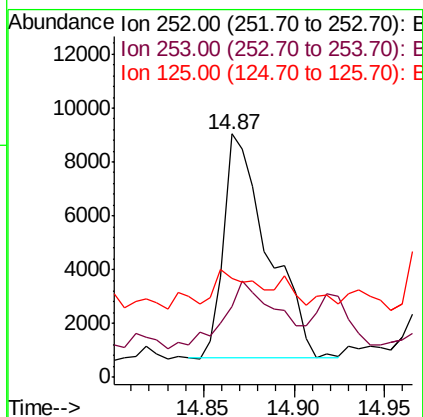
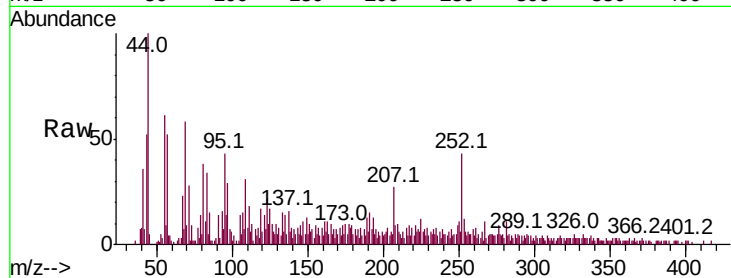




#87
Benzo(b)fluoranthene
Concen: 0.574 ng
RT: 14.87 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

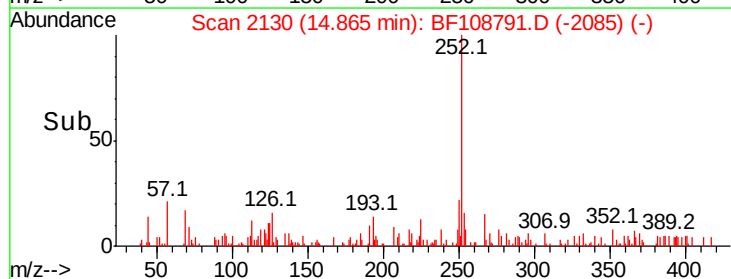
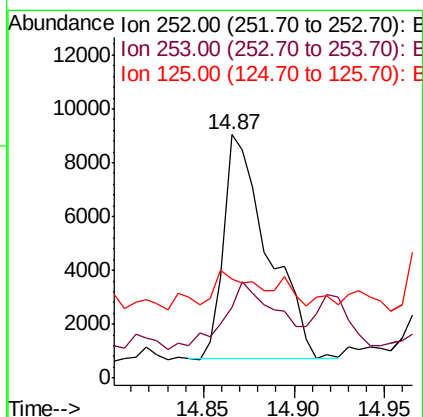
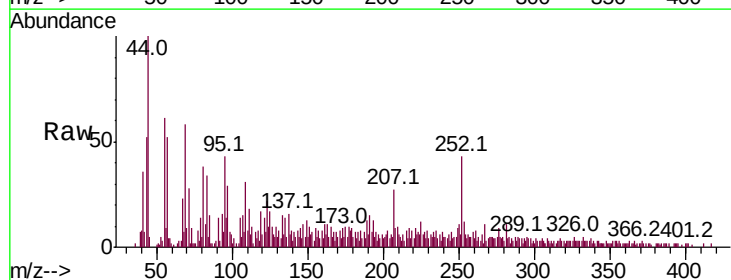
Instrument :
BNA_F
ClientSampled :

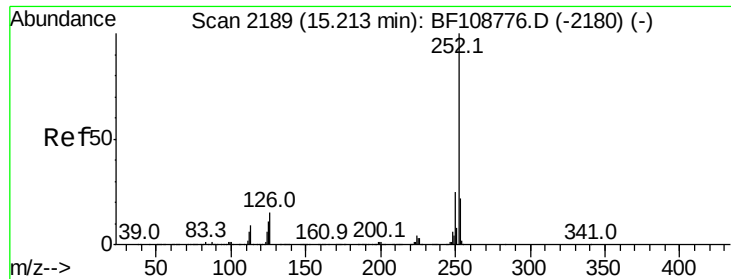
Tot Ion:252 Resp: 14134
Ion Ratio Lower Upper
252 100
253 29.1 17.0 25.6#
125 40.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 0.621 ng
RT: 14.87 min Scan# 2130
Delta R.T. -0.04 min
Lab File: BF108791.D
Acq: 5 Sep 2018 23:01

Tgt Ion:252 Resp: 14083
Ion Ratio Lower Upper
252 100
253 29.1 17.9 26.9#
125 40.9 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.425 ng

RT: 15.21 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

Instrument :

BNA_F

ClientSampleId :

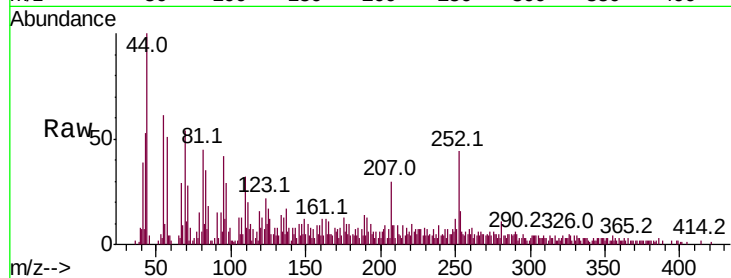
Tot Ion:252 Resp: 9437

Ion Ratio Lower Upper

252 100

253 36.2 17.1 25.7#

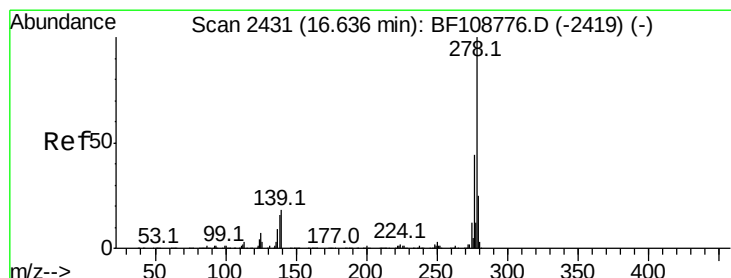
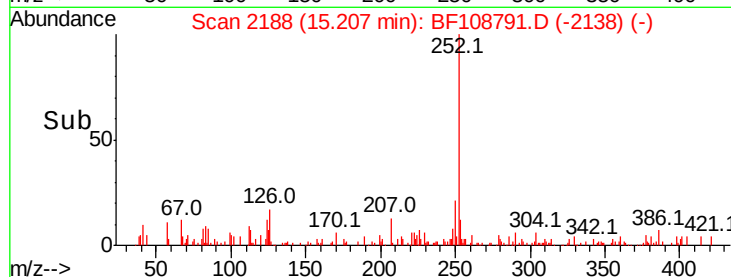
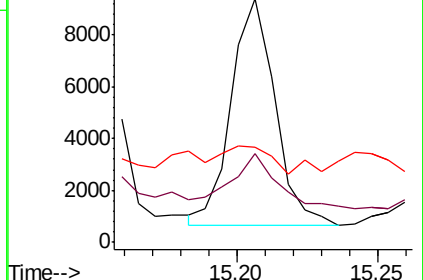
125 39.1 9.8 14.6#



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: 0.112 ng

RT: 16.62 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BF108791.D

Acq: 5 Sep 2018 23:01

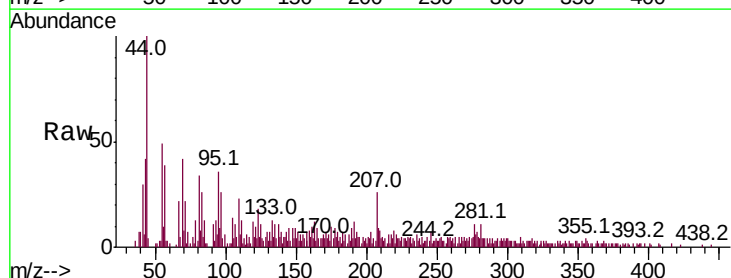
Tgt Ion:278 Resp: 2202

Ion Ratio Lower Upper

278 100

139 99.3 15.9 23.9#

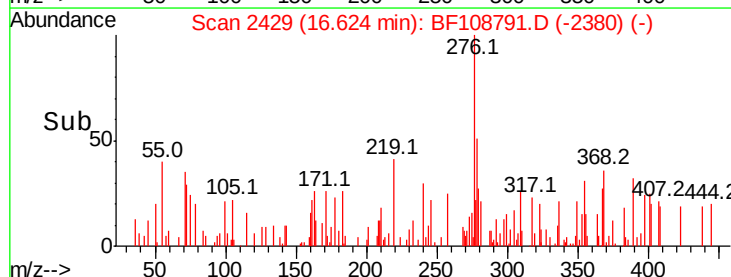
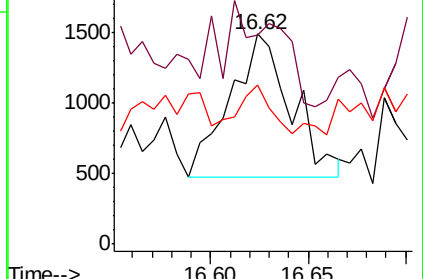
279 75.9 19.0 28.4#

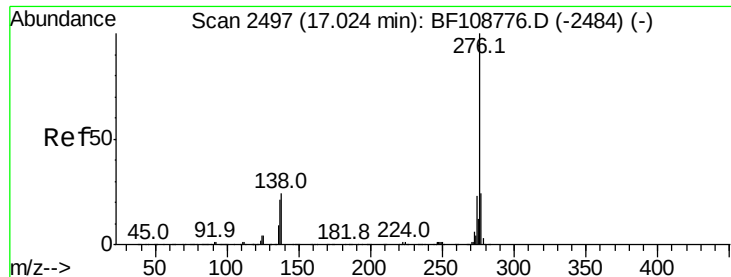


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 0.300 ng
 RT: 17.02 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BF108791.D
 Acq: 5 Sep 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	35.4	17.9	26.9#
138	34.9	21.8	32.8#

