

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107772.D
 Acq On : 28 Jul 2018 3:49
 Operator : JU/SJ
 Sample : J4184-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

Quant Time: Jul 28 04:16:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	182479	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	261438	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	276058	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	459449	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	439457	20.00	ng	0.00
86) Perylene-d12	15.69	264	350450	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	112305	9.90	ng	0.00
7) Phenol-d6	6.61	99	421318	30.92	ng	0.00
23) Nitrobenzene-d5	7.54	82	1018888	263.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	369964	117.85	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1809089	129.09	ng	-0.02
78) Terphenyl-d14	13.08	244	1518915	88.49	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	158418	15.937	ng	# 1
10) Phenol	6.62	94	141198	8.810	ng	# 88
11) bis(2-Chloroethyl)ether	6.68	93	34664	2.609	ng	# 25
15) Benzyl Alcohol	7.12	79	23527	2.533	ng	# 48
17) 2-Methylphenol	7.23	107	32659	3.160	ng	# 24
18) Hexachloroethane	7.49	117	268471	54.170	ng	# 30
19) n-Nitroso-di-n-propylamine	7.54	70	149649	16.998	ng	# 81
20) 3+4-Methylphenols	7.39	107	153161	12.481	ng	# 87
22) Acetophenone	7.39	105	43357	7.062	ng	# 72
24) Nitrobenzene	7.57	77	39767	8.963	ng	# 10
25) Isophorone	8.01	82	42108	5.091	ng	# 1
26) 2-Nitrophenol	7.87	139	4623	2.467	ng	# 1
27) 2,4-Dimethylphenol	7.93	122	203246	57.305	ng	# 94
28) bis(2-Chloroethoxy)methane	8.01	93	32288	5.841	ng	# 1
31) Naphthalene	8.29	128	15394110	1339.023	ng	# 90
32) Benzoic acid	8.07	122	126002	50.413	ng	# 31
33) 4-Chloroaniline	8.30	127	3389872	674.615	ng	# 34
35) Caprolactam	8.80	113	3591	3.046	ng	# 60
36) 4-Chloro-3-methylphenol	8.82	107	8365	2.077	ng	# 1
37) 2-Methylnaphthalene	8.98	142	3656144	458.933	ng	# 94
45) 1,1'-Biphenyl	9.42	154	1744844	72.557	ng	# 98
48) Acenaphthylene	9.88	152	3244564	117.503	ng	# 94
49) Dimethylphthalate	9.71	163	246575	11.851	ng	# 100
51) Acenaphthene	10.05	154	1813138	104.801	ng	# 99
53) 2,4-Dinitrophenol	10.08	184	322	8.509	ng	# 1
54) Dibenzofuran	10.21	168	106210	4.170	ng	# 93
56) 2,4-Dinitrotoluene	10.17	165	18228	3.656	ng	# 54
57) Fluorene	10.56	166	1242484	68.378	ng	# 97
61) 4-Nitroaniline	10.56	138	12824	3.037	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.87	198	7685	11.519	ng	# 90
66) 4-Bromophenyl-phenylether	10.80	248	21516	3.978	ng	# 1
70) Phenanthrene	11.53	178	2439097	108.941	ng	# 97
71) Anthracene	11.58	178	687647	30.505	ng	# 99
72) Carbazole	11.74	167	115593	4.931	ng	# 96

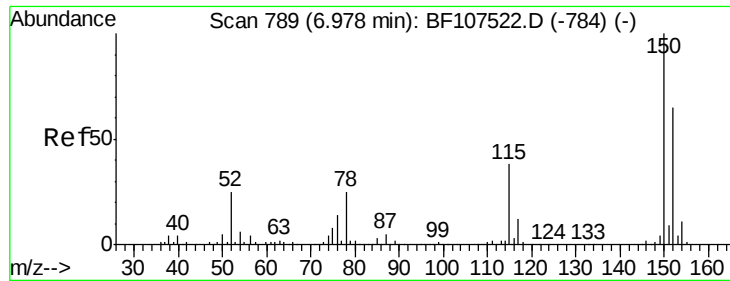
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	12.04	149	21371	Below Cal	#	88
74) Fluoranthene	12.72	202	661003	27.513 ng		94
77) Pyrene	12.95	202	879529	29.260 ng		98
80) Benzo(a)anthracene	14.15	228	138348	5.372 ng	#	63
81) 3,3'-Dichlorobenzidine	14.11	252	1496	Below Cal	#	4
82) Chrysene	14.18	228	119421	4.827 ng		95
87) Benzo(b)fluoranthene	15.24	252	107109	5.584 ng	#	90
88) Benzo(k)fluoranthene	15.24	252	107109	5.700 ng		93
89) Benzo(a)pyrene	15.62	252	83859	4.780 ng		97
91) Benzo(g,h,i)perylene	17.74	276	34957	2.337 ng	#	90

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

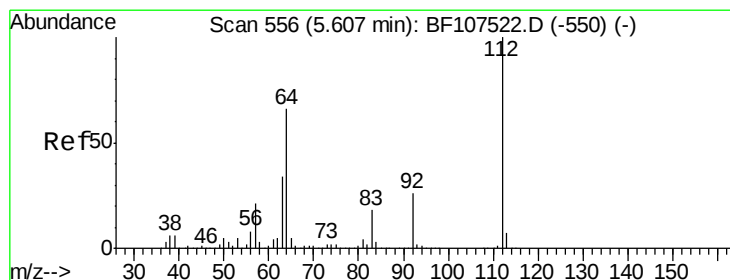
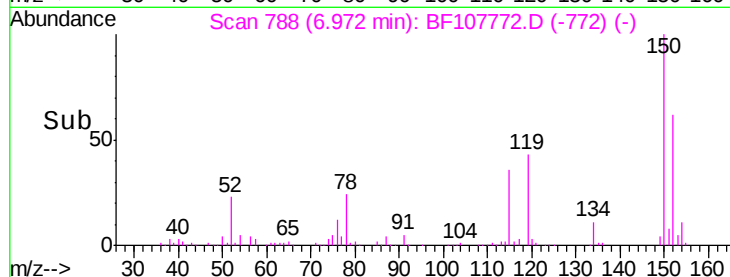
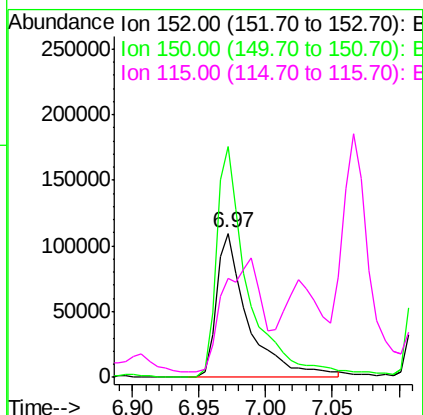
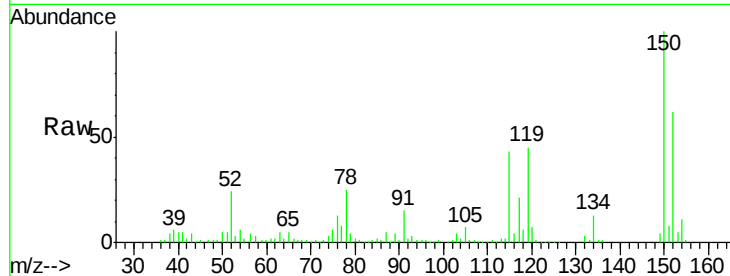


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

Instrument :
BNA_F
ClientSampleId :
MW-7BD

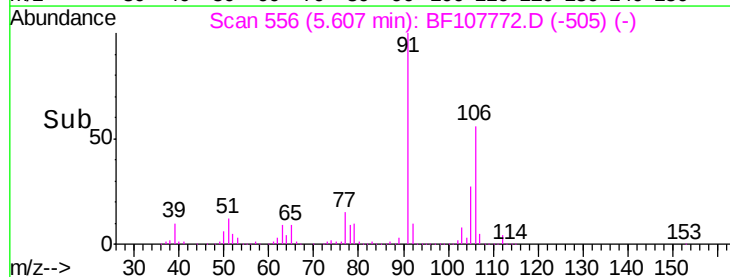
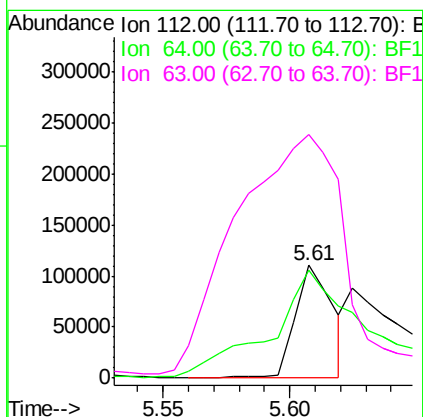
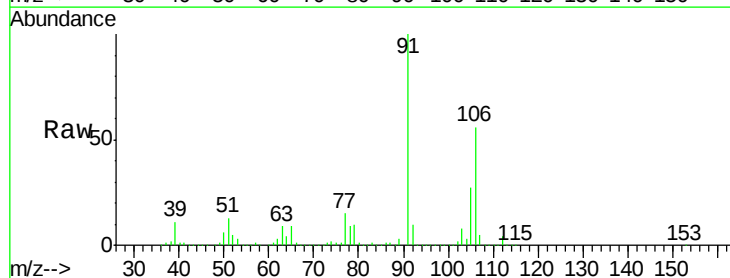
Tgt Ion:152 Resp: 182479
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 68.9 50.1 75.1

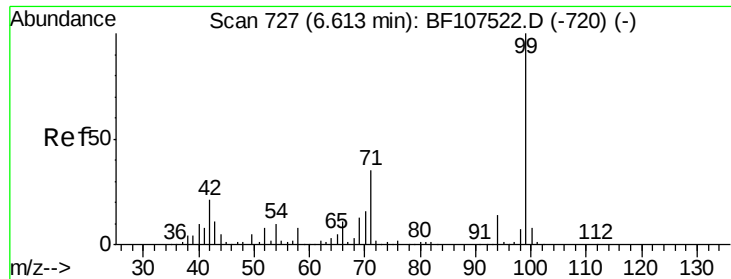


#5

2-Fluorophenol
Concen: 9.895 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

Tgt Ion:112 Resp: 112305
Ion Ratio Lower Upper
112 100
64 96.4 47.9 71.9#
63 216.4 23.7 35.5#





#7

Phenol-d6

Concen: 30.916 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

Instrument :

BNA_F

ClientSampleId :

MW-7BD

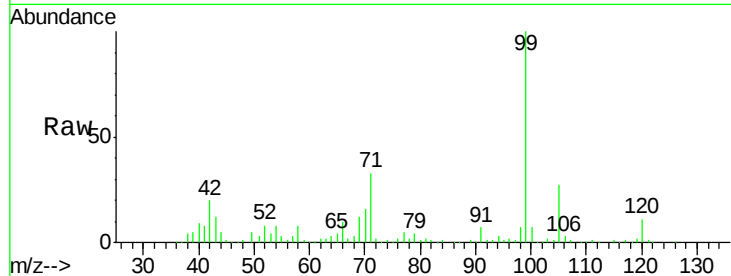
Tgt Ion: 99 Resp: 421318

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

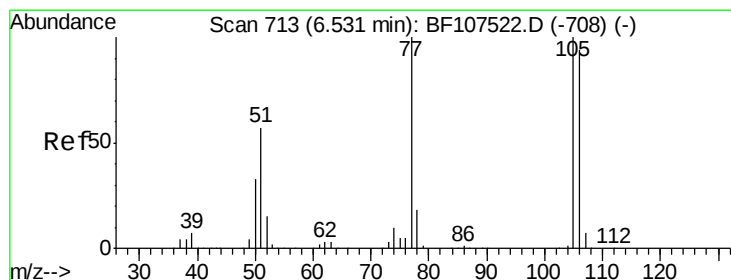
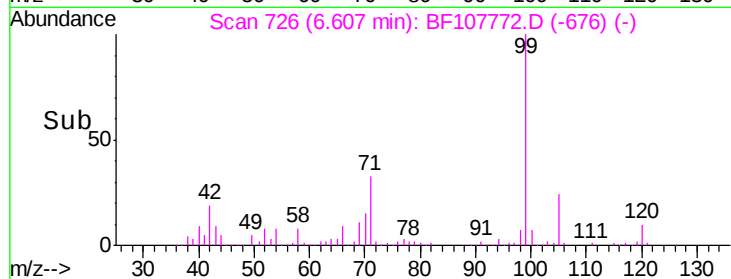
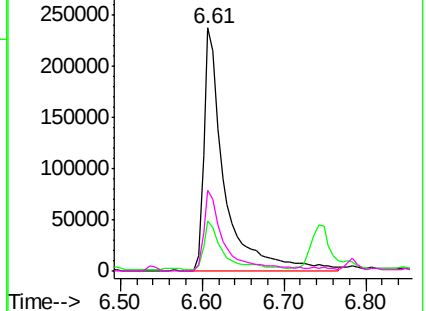
71 33.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 15.937 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

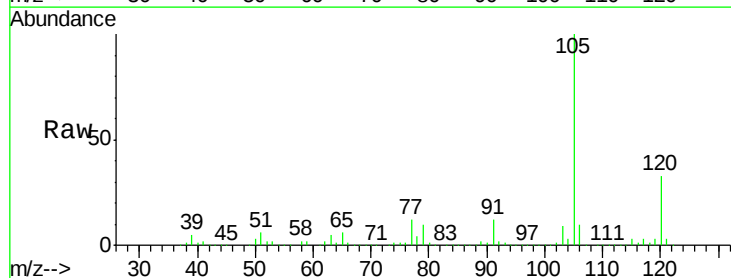
Tgt Ion: 77 Resp: 158418

Ion Ratio Lower Upper

77 100

105 829.7 81.1 121.1#

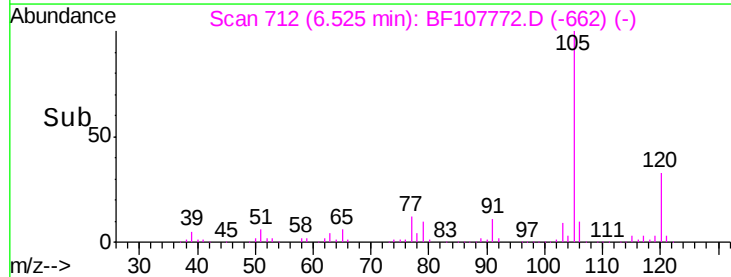
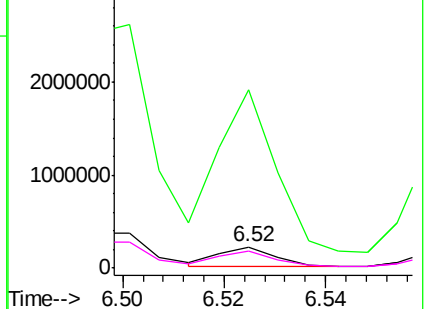
106 81.2 74.5 114.5

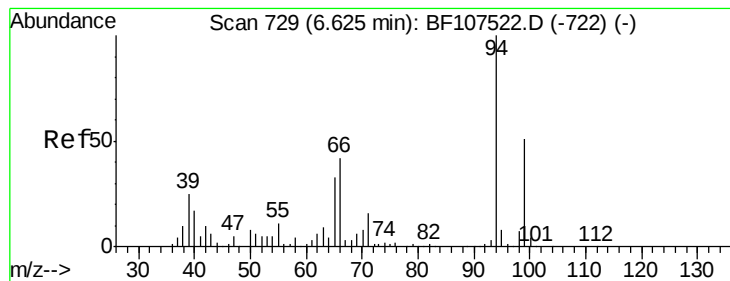


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 8.810 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

Instrument :

BNA_F

ClientSampleId :

MW-7BD

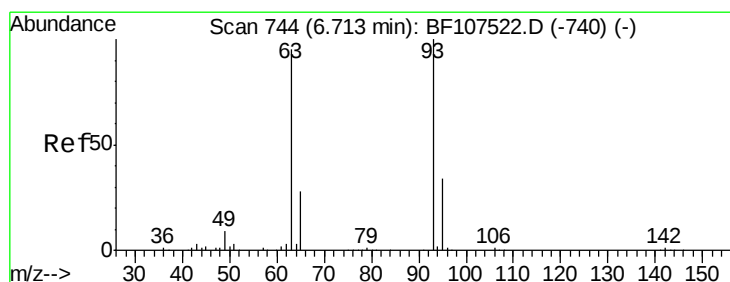
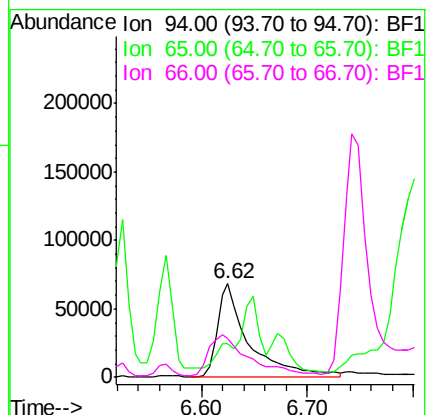
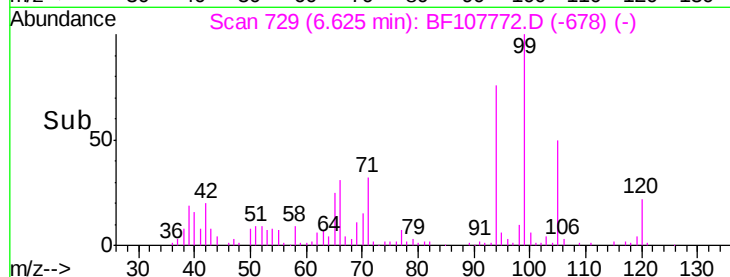
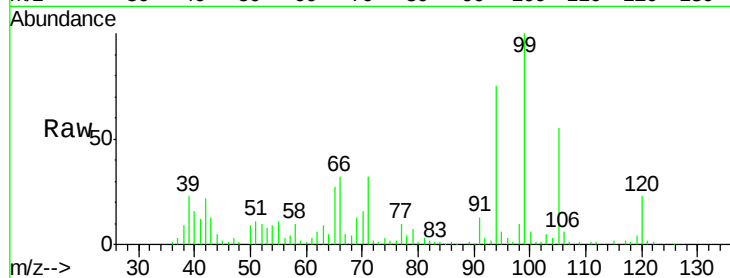
Tgt Ion: 94 Resp: 141198

Ion Ratio Lower Upper

94 100

65 35.7 7.9 47.9

66 42.0 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 2.609 ng

RT: 6.68 min Scan# 738

Delta R.T. -0.04 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

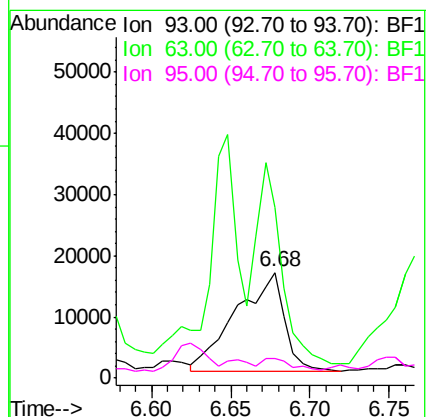
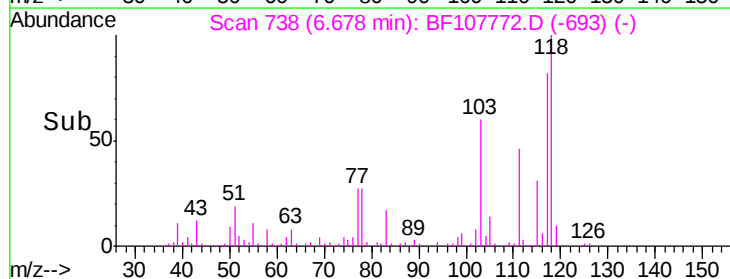
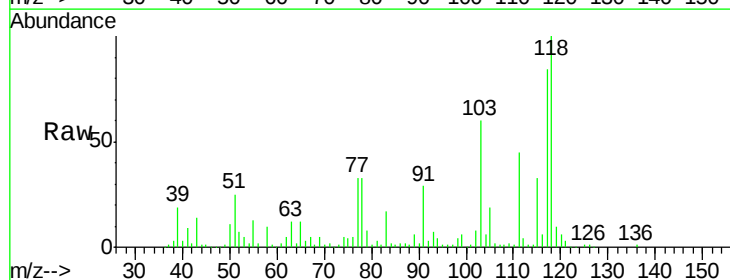
Tgt Ion: 93 Resp: 34664

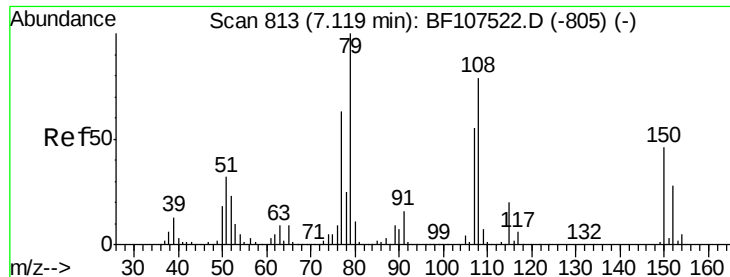
Ion Ratio Lower Upper

93 100

63 162.2 58.6 98.6#

95 18.2 11.8 51.8





#15

Benzyl Alcohol

Concen: 2.533 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

Instrument :

BNA_F

ClientSampled :

MW-7BD

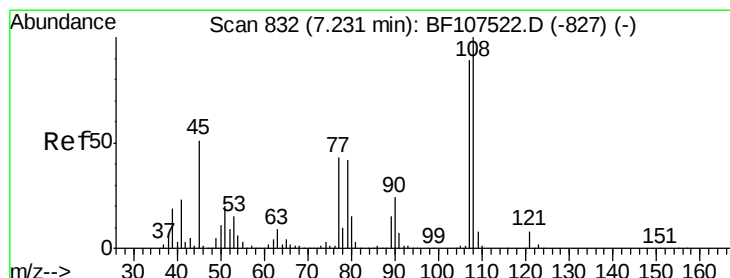
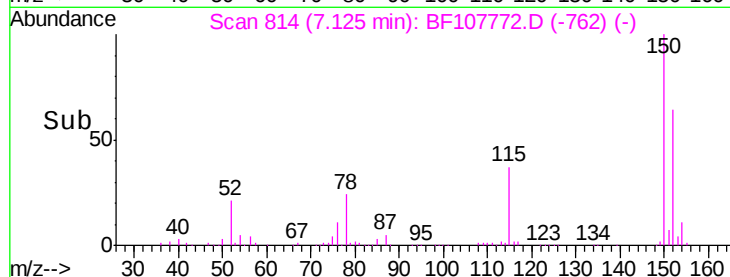
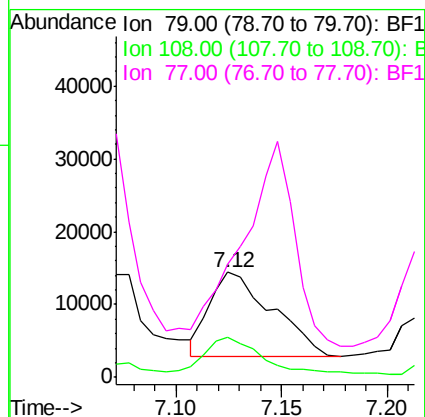
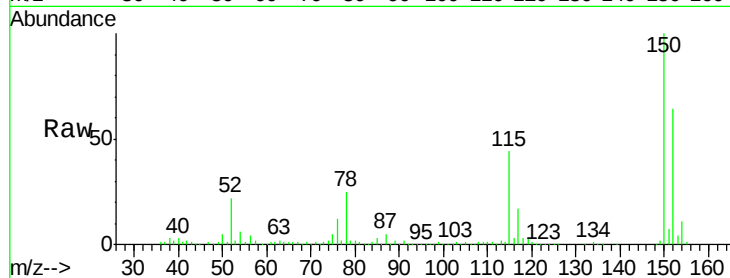
Tgt Ion: 79 Resp: 23527

Ion Ratio Lower Upper

79 100

108 38.1 65.1 97.7#

77 106.9 50.6 75.8#



#17

2-Methylphenol

Concen: 3.160 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

Tgt Ion: 107 Resp: 32659

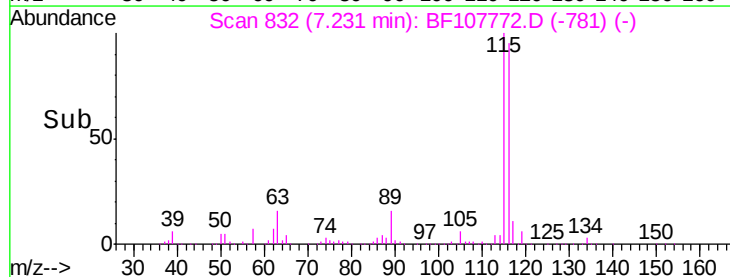
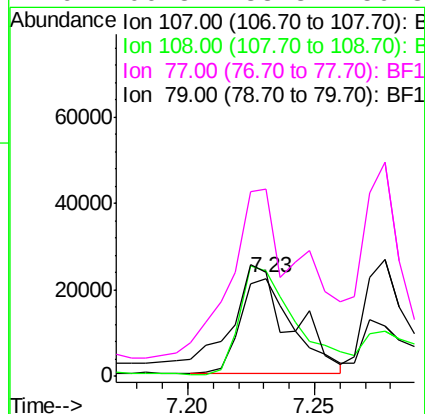
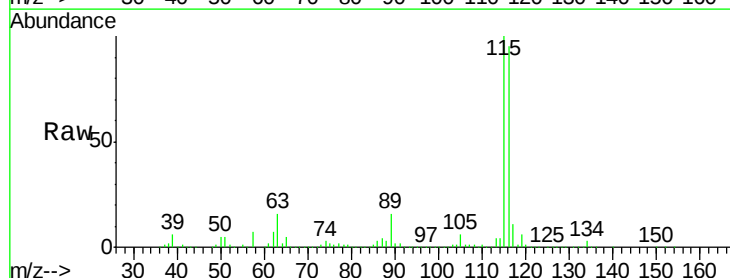
Ion Ratio Lower Upper

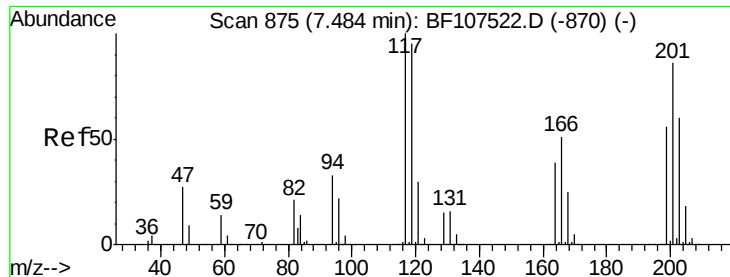
107 100

108 107.0 91.7 137.5

77 191.6 33.8 50.8#

79 106.8 33.8 50.8#

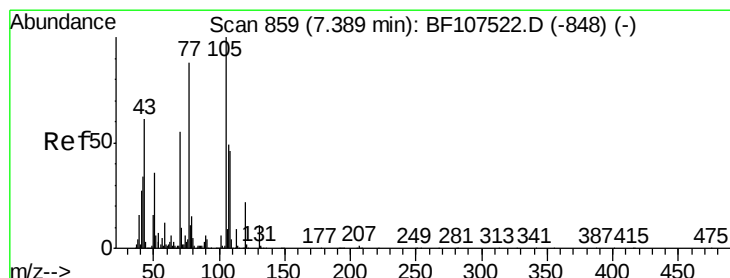
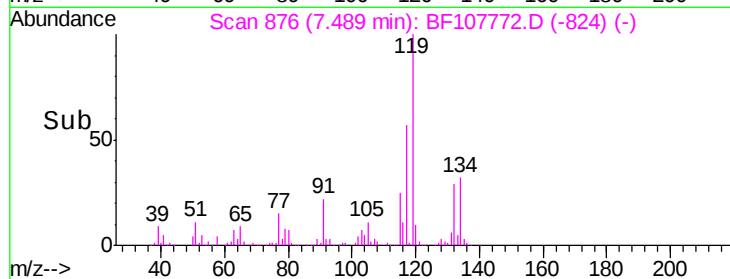
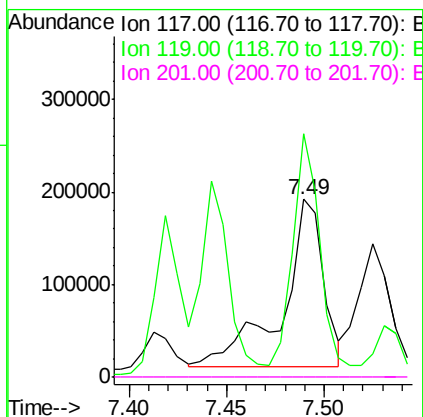
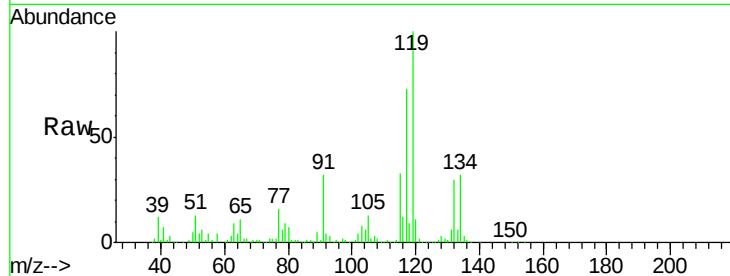




#18
Hexachloroethane
Concen: 54.170 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

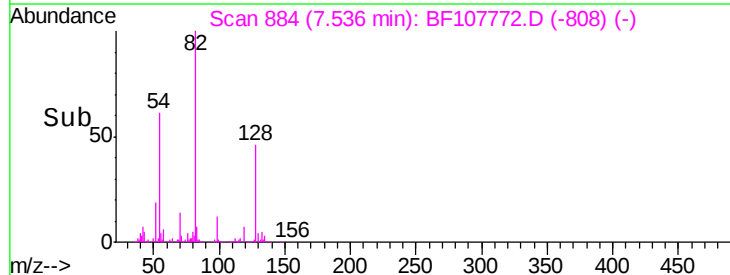
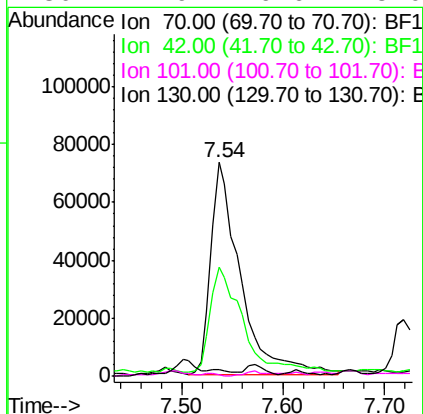
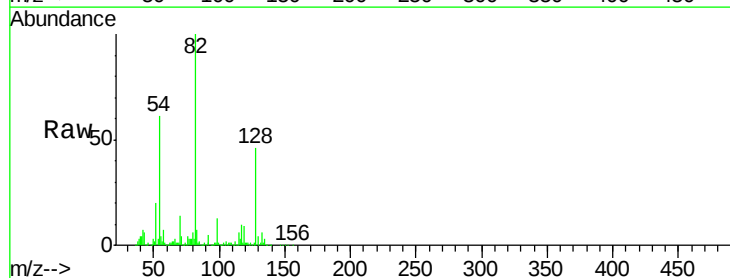
Instrument :
BNA_F
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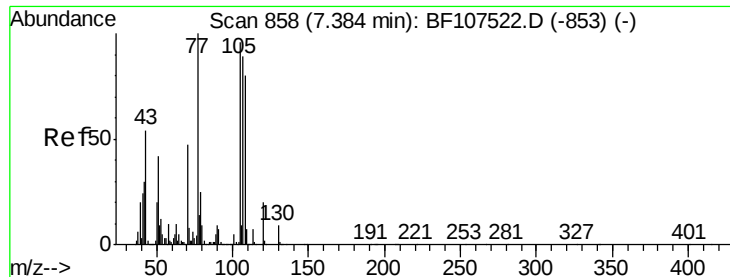
Tgt Ion: 117 Resp: 268471
Ion Ratio Lower Upper
117 100
119 136.7 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.998 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

Tgt Ion: 70 Resp: 149649
Ion Ratio Lower Upper
70 100
42 51.2 47.5 71.3
101 0.9 7.4 11.2#
130 2.9 16.6 25.0#

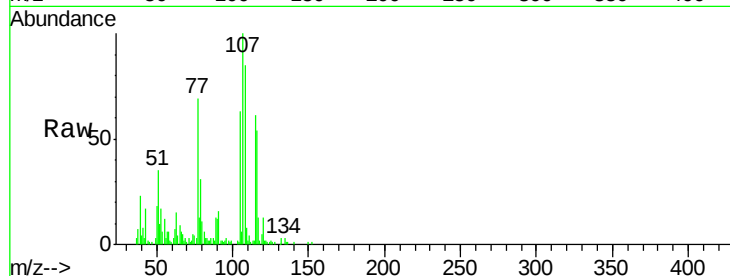




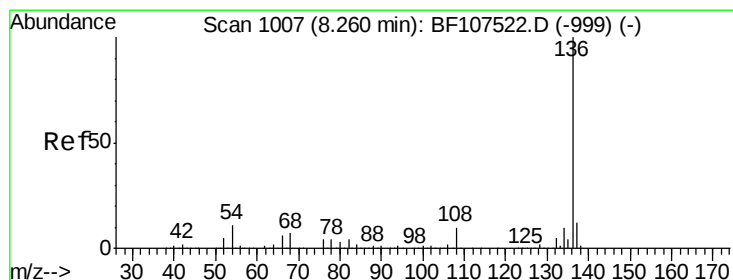
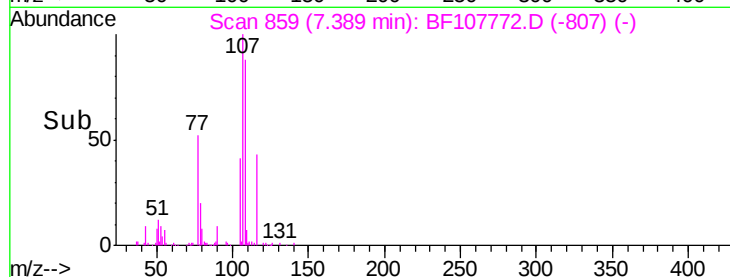
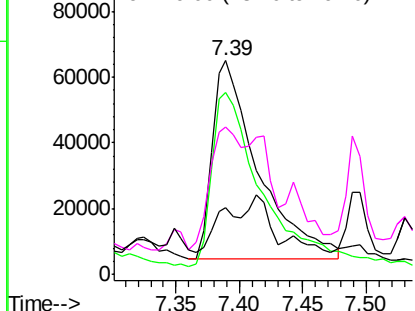
#20
3+4-Methylphenols
Concen: 12.481 ng
RT: 7.39 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

Instrument :
BNA_F
ClientSampleId :
MW-7BD

Tgt Ion:	107	Resp:	153161
Ion	Ratio	Lower	Upper
107	100		
108	84.9	68.2	108.2
77	69.1	26.7	66.7#
79	31.2	6.3	46.3

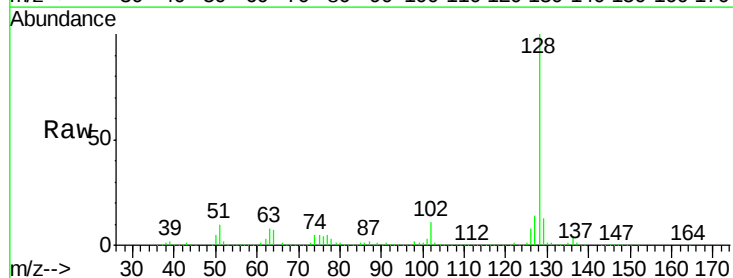


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

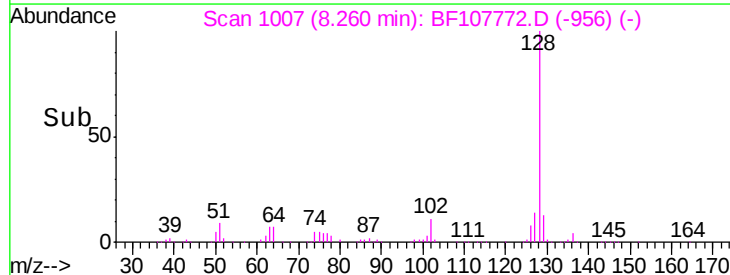
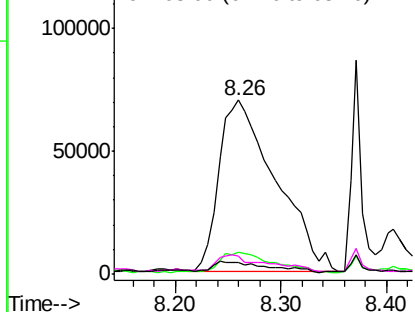


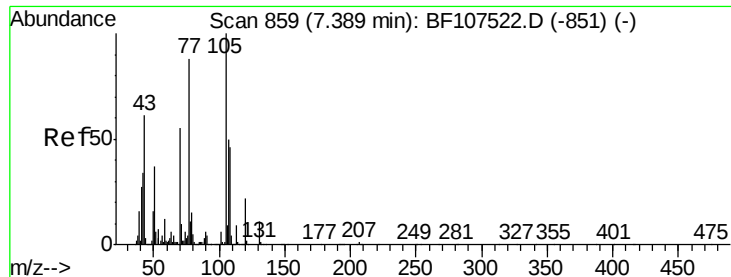
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

Tgt Ion:	136	Resp:	261438
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.9	13.3
54	10.4	6.6	9.8#
68	6.8	5.0	7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 7.062 ng

RT: 7.39 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

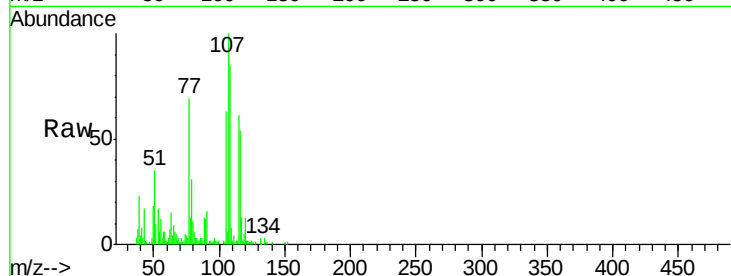
Instrument :

BNA_F

ClientSampleId :

MW-7BD

Tgt Ion:	105	Resp:	43357
Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.4	6.6#
51	54.8	22.3	33.5#
120	19.9	16.9	25.3

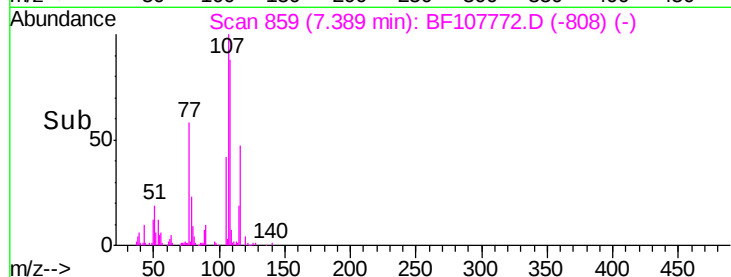
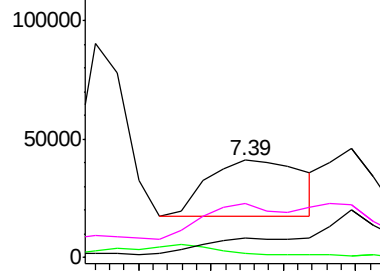


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 263.016 ng

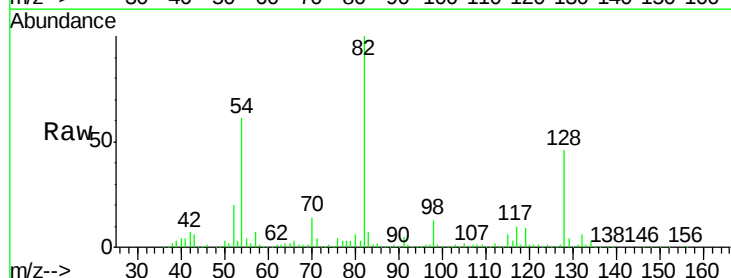
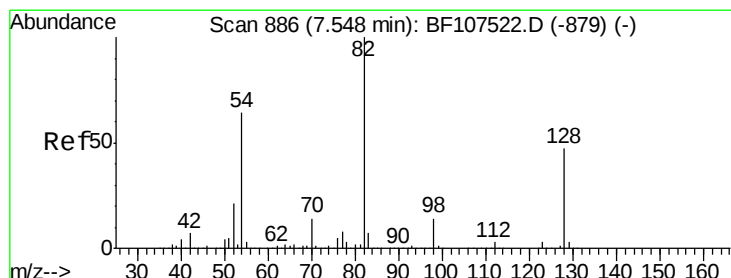
RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

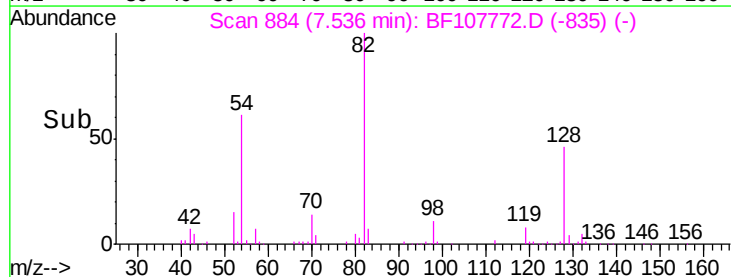
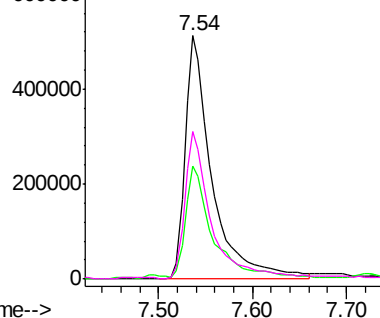
Tgt Ion:	82	Resp:	1018888
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	60.9	41.4	62.2

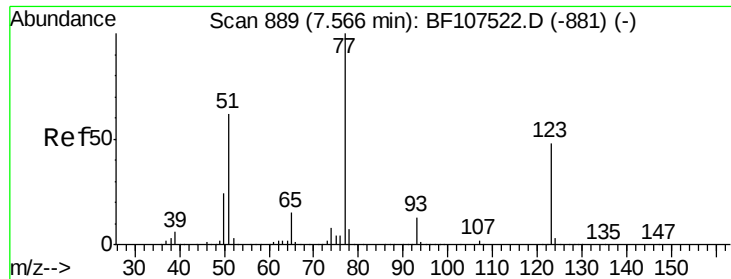


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

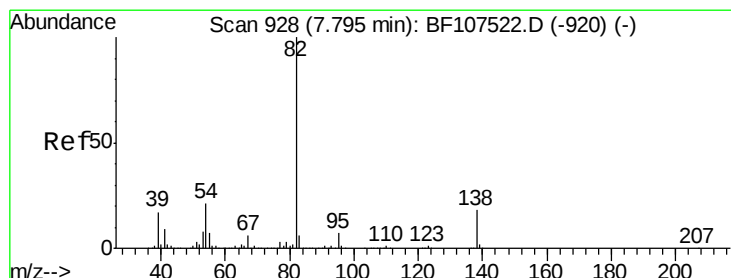
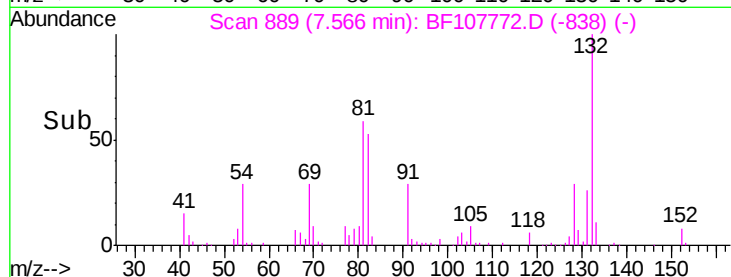
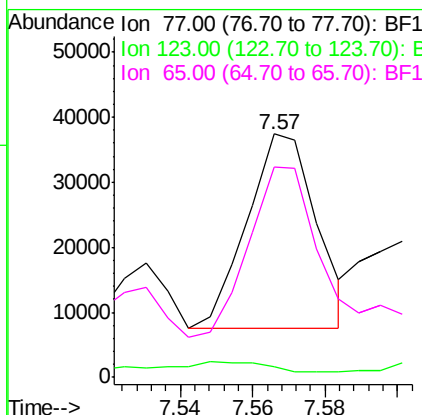
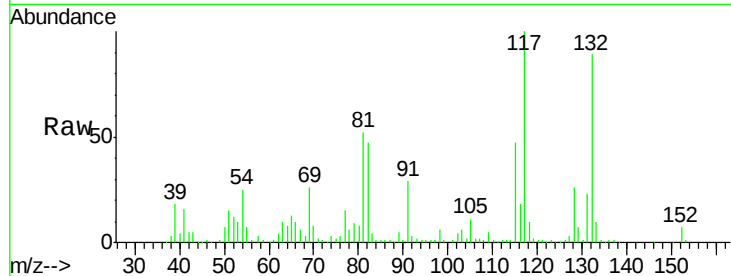




#24
Nitrobenzene
Concen: 8.963 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

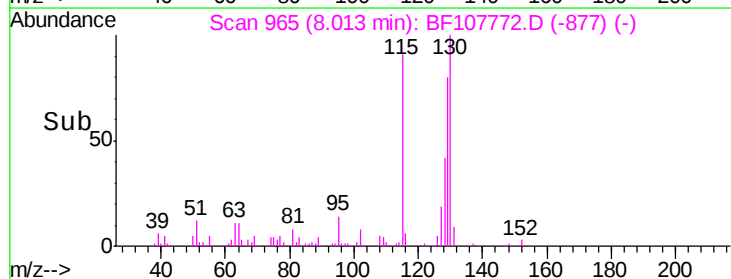
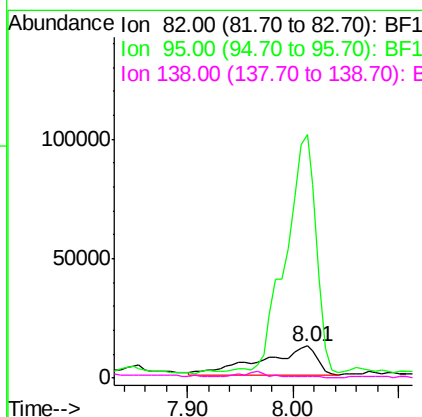
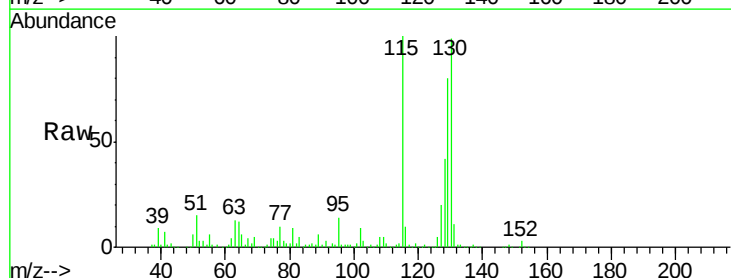
Instrument :
BNA_F
ClientSampleId :
MW-7BD

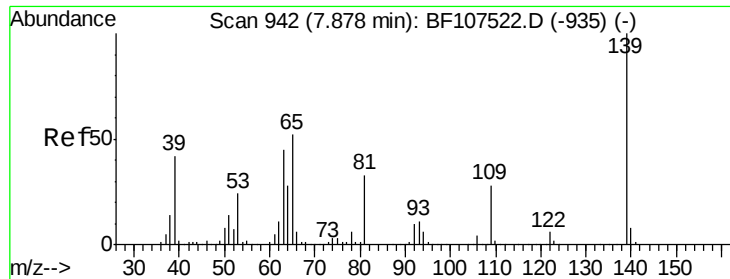
Tgt Ion: 77 Resp: 39767
Ion Ratio Lower Upper
77 100
123 4.6 37.9 56.9#
65 86.6 11.0 16.4#



#25
Isophorone
Concen: 5.091 ng
RT: 8.01 min Scan# 965
Delta R.T. 0.22 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

Tgt Ion: 82 Resp: 42108
Ion Ratio Lower Upper
82 100
95 762.3 5.2 7.8#
138 5.8 14.9 22.3#

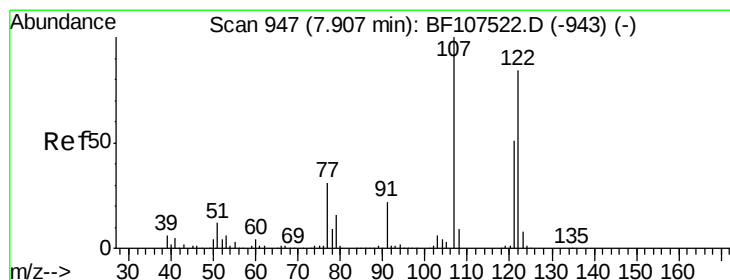
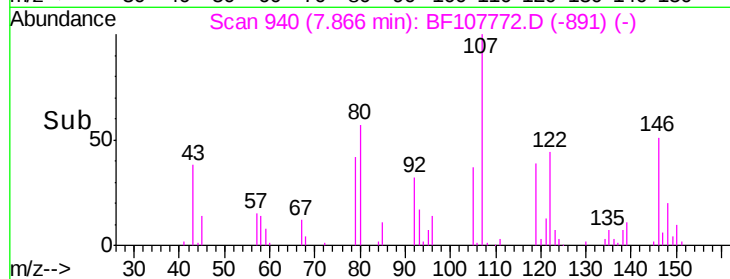
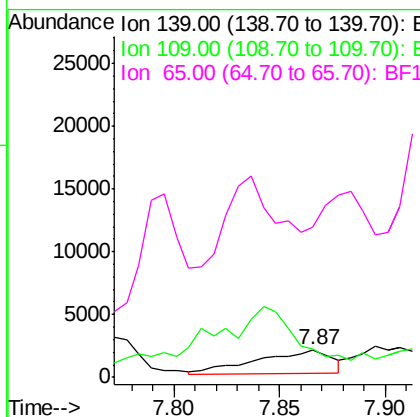
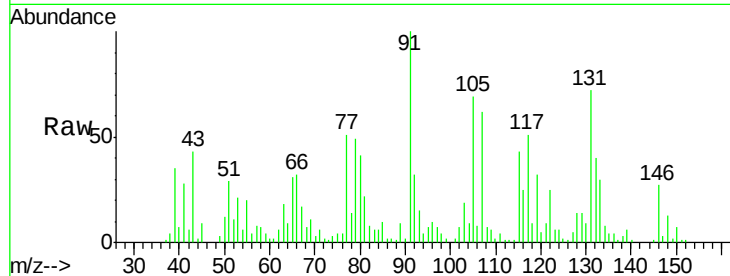




#26
 2-Nitrophenol
 Concen: 2.467 ng
 RT: 7.87 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

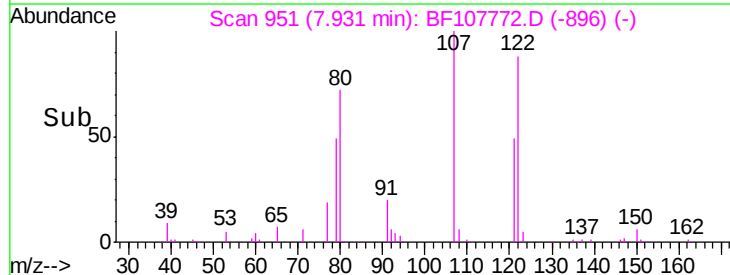
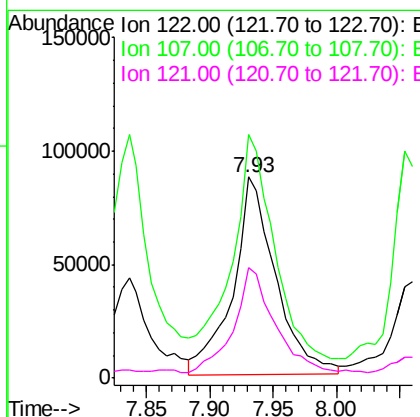
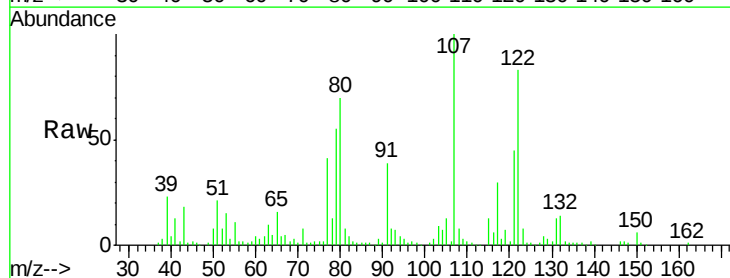
Instrument :
 BNA_F
 ClientSampled :
 MW-7BD

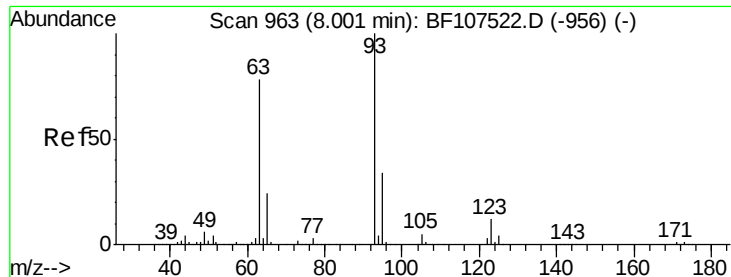
Tgt Ion:139 Resp: 4623
 Ion Ratio Lower Upper
 139 100
 109 103.8 22.7 34.1#
 65 541.4 40.5 60.7#



#27
 2,4-Dimethylphenol
 Concen: 57.305 ng
 RT: 7.93 min Scan# 951
 Delta R.T. 0.02 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

Tgt Ion:122 Resp: 203246
 Ion Ratio Lower Upper
 122 100
 107 121.1 91.2 136.8
 121 54.7 47.2 70.8

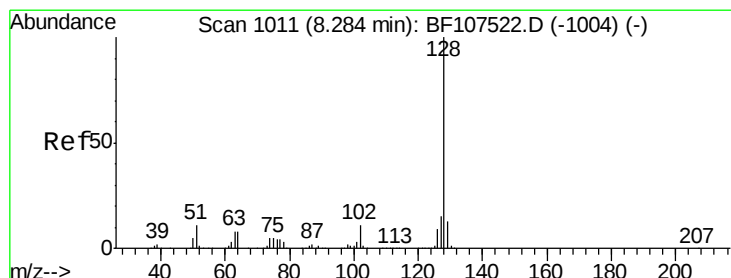
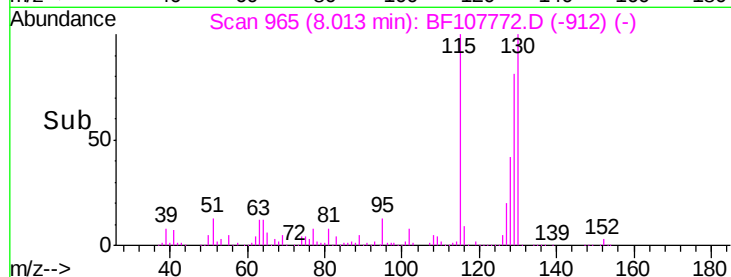
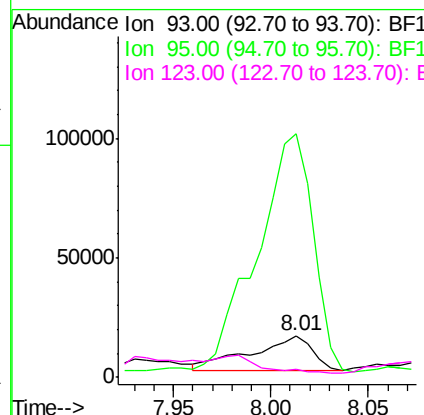
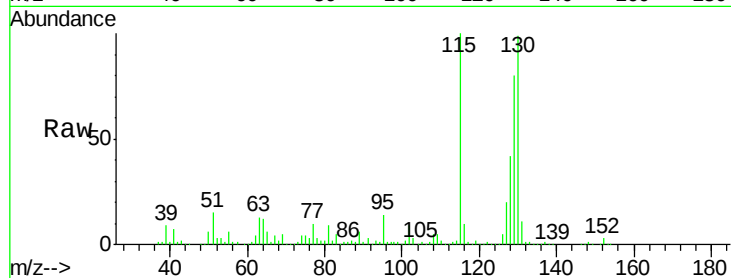




#28
bis(2-Chloroethoxy)methane
Concen: 5.841 ng
RT: 8.01 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

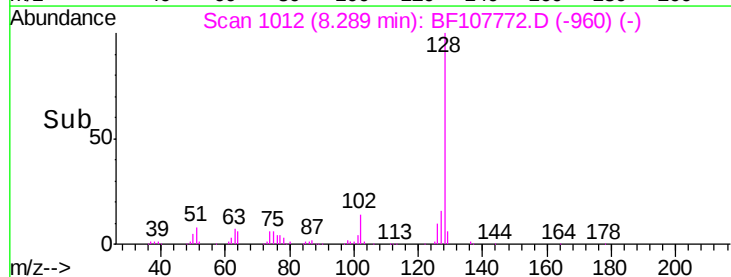
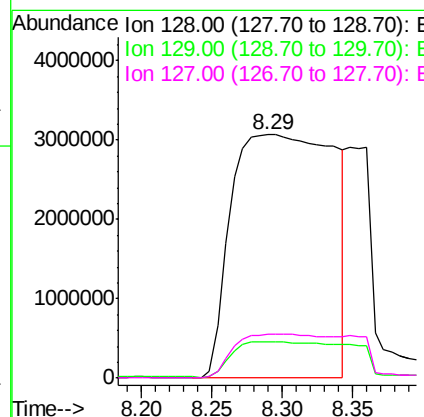
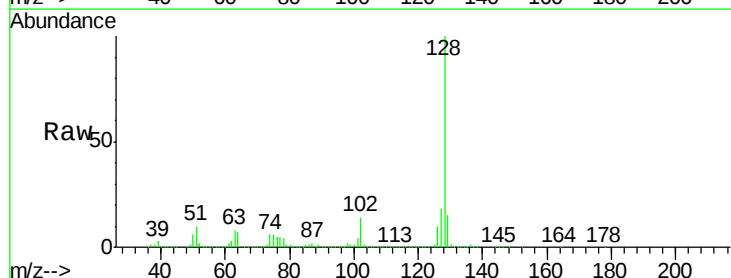
Instrument :
BNA_F
ClientSampleId :
MW-7BD

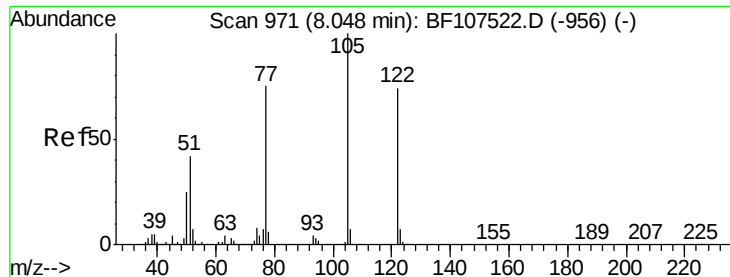
Tgt Ion: 93 Resp: 32288
Ion Ratio Lower Upper
93 100
95 586.7 26.3 39.5#
123 18.5 9.8 14.6#



#31
Naphthalene
Concen: 1339.023 ng
RT: 8.29 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

Tgt Ion: 128 Resp: 15394110
Ion Ratio Lower Upper
128 100
129 14.8 8.8 13.2#
127 17.9 10.9 16.3#





#32

Benzoic acid

Concen: 50.413 ng

RT: 8.07 min Scan# 975

Delta R.T. 0.02 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

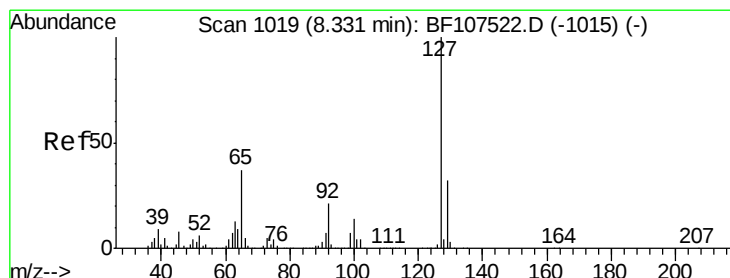
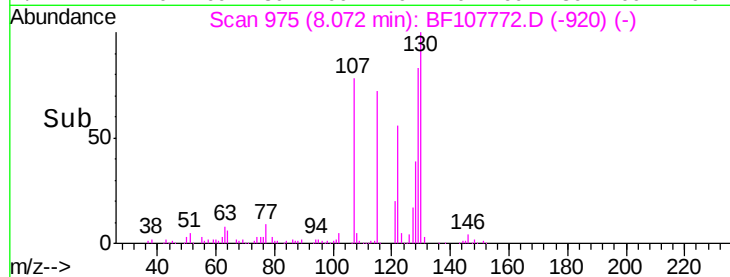
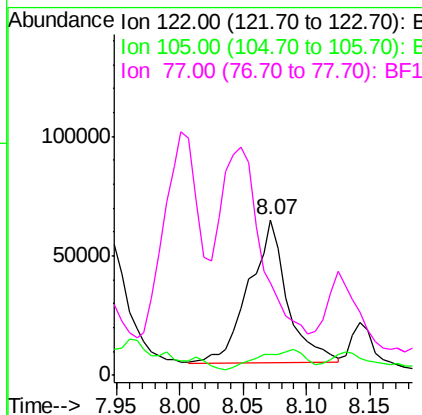
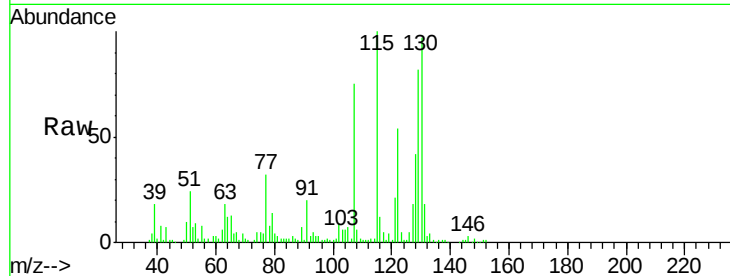
Instrument :

BNA_F

ClientSampleId :

MW-7BD

Tgt Ion	Ratio	Lower	Upper
122	100		
105	13.7	101.1	141.1#
77	59.7	70.7	110.7#



#33

4-Chloroaniline

Concen: 674.615 ng

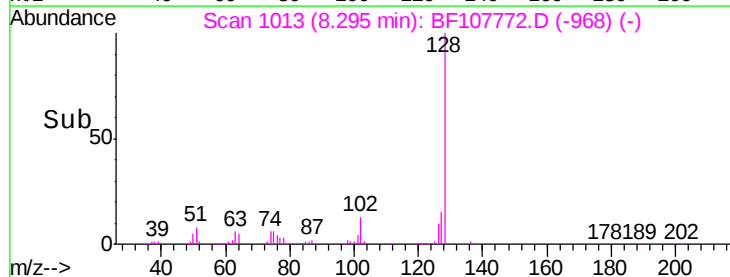
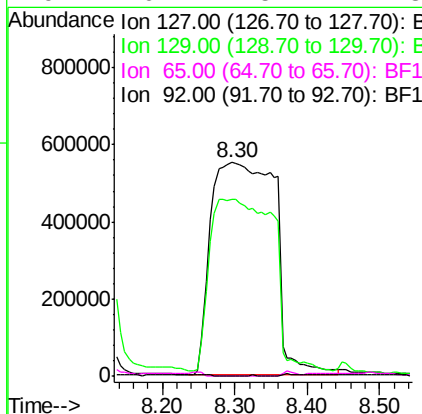
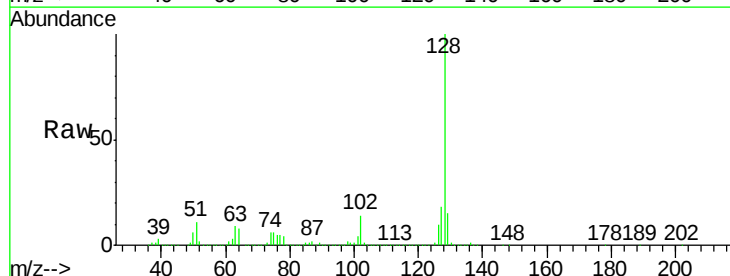
RT: 8.30 min Scan# 1013

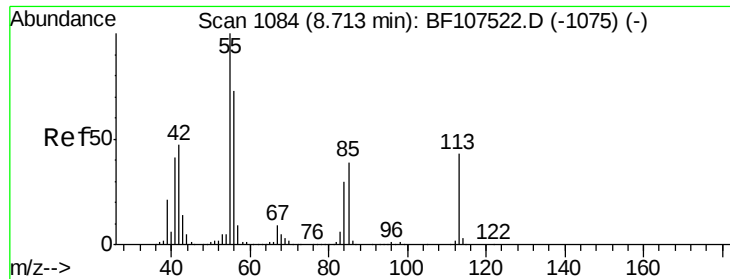
Delta R.T. -0.04 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

Tgt Ion	Ratio	Lower	Upper
127	100		
129	82.6	25.9	38.9#
65	0.0	25.0	37.4#
92	0.2	15.2	22.8#





#35

Caprolactam

Concen: 3.046 ng

RT: 8.80 min Scan# 1099

Delta R.T. 0.09 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

Instrument :

BNA_F

ClientSampleId :

MW-7BD

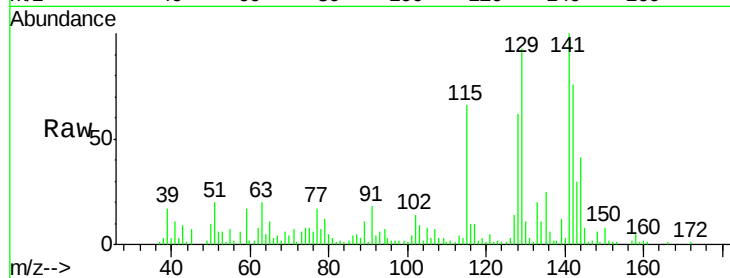
Tgt Ion:113 Resp: 3591

Ion Ratio Lower Upper

113 100

55 165.3 163.3 203.3

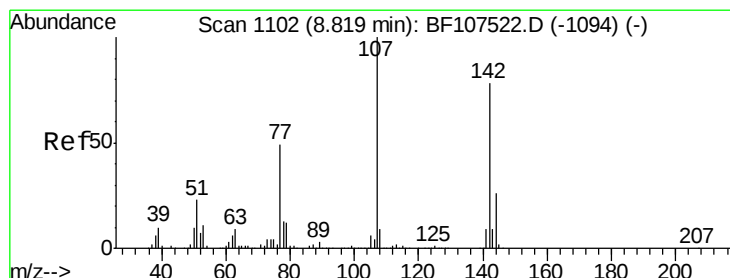
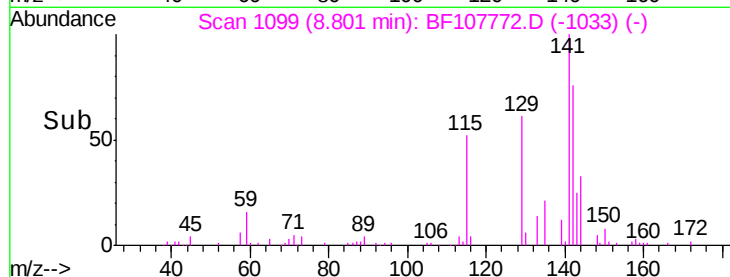
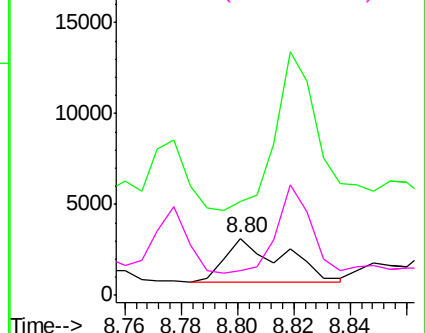
56 42.4 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 2.077 ng

RT: 8.82 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

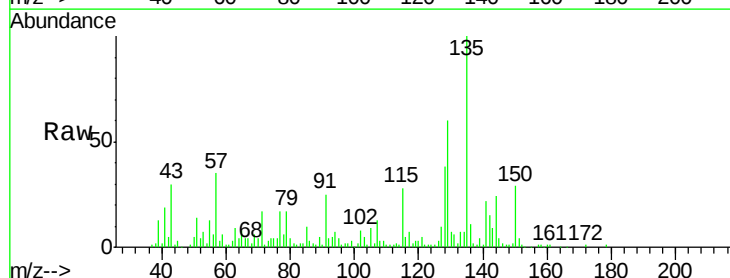
Tgt Ion:107 Resp: 8365

Ion Ratio Lower Upper

107 100

144 190.7 20.5 30.7#

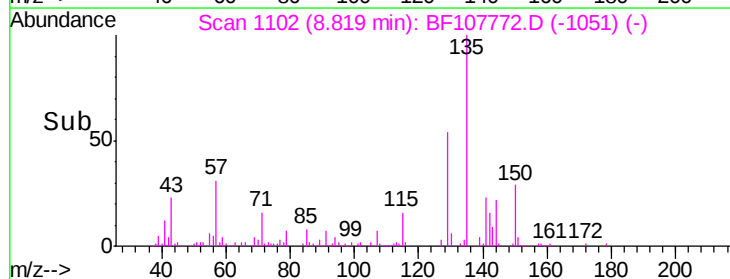
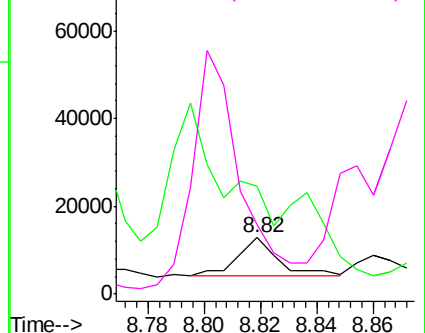
142 121.7 62.0 93.0#

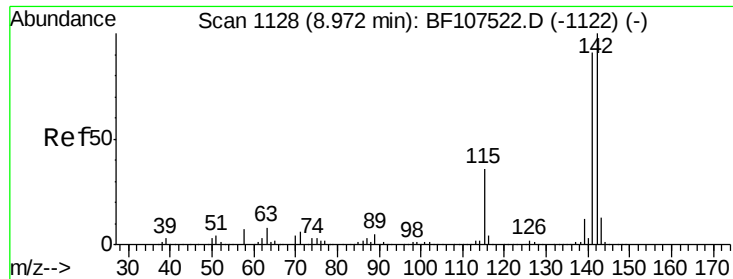


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

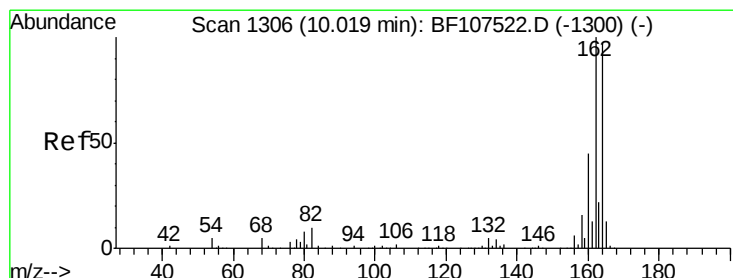
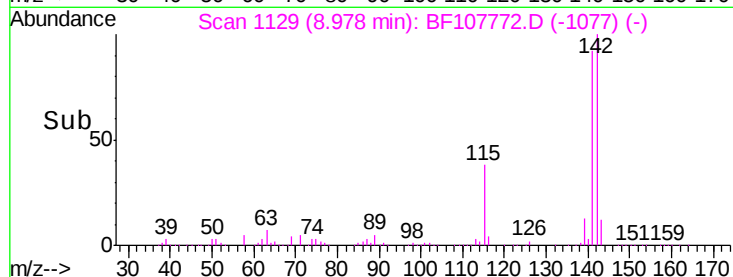
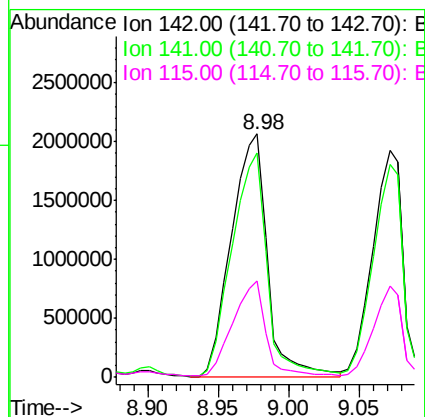
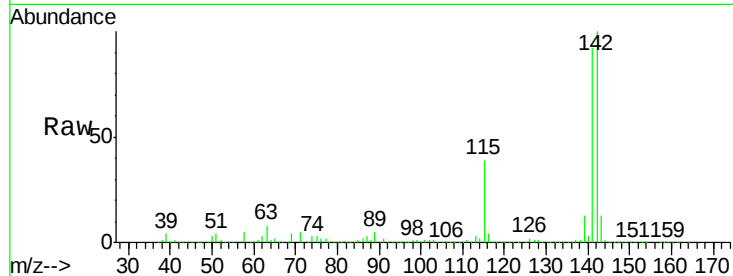




#37
 2-Methylnaphthalene
 Concen: 458.933 ng
 RT: 8.98 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

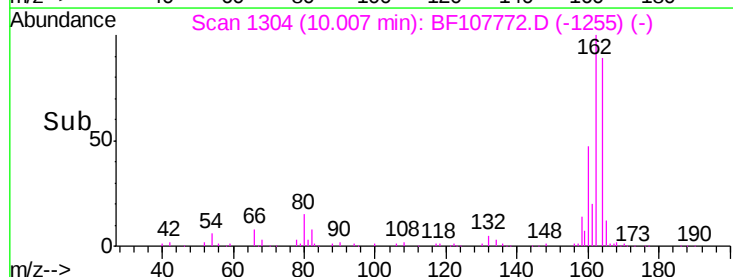
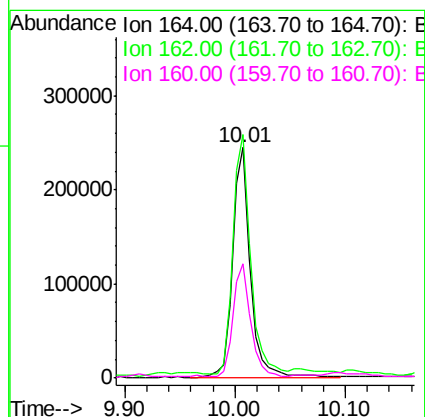
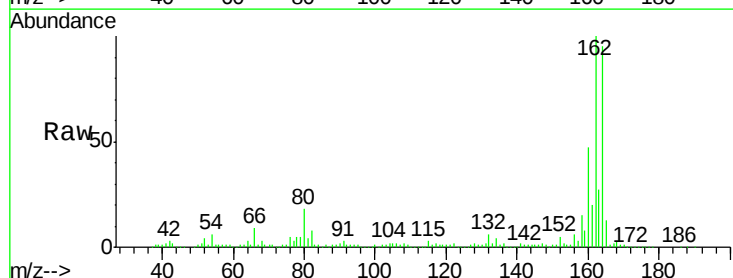
Instrument :
 BNA_F
 ClientSampled :
 MW-7BD

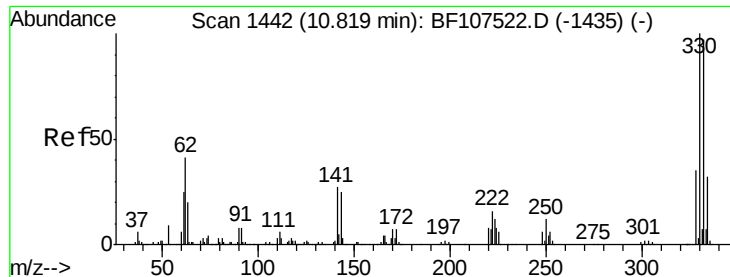
Tgt Ion:142 Resp: 3656144
 Ion Ratio Lower Upper
 142 100
 141 92.2 70.8 106.2
 115 39.5 26.1 39.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

Tgt Ion:164 Resp: 276058
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 49.3 38.3 57.5

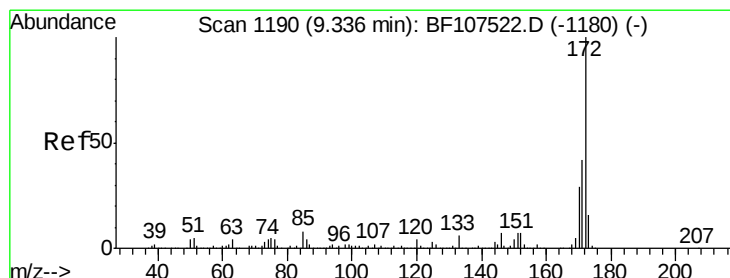
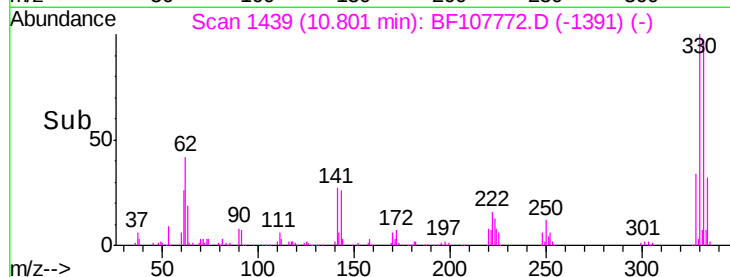
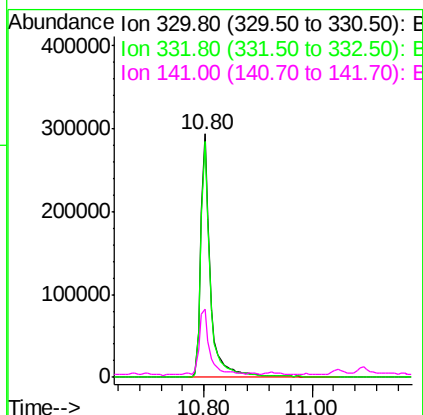
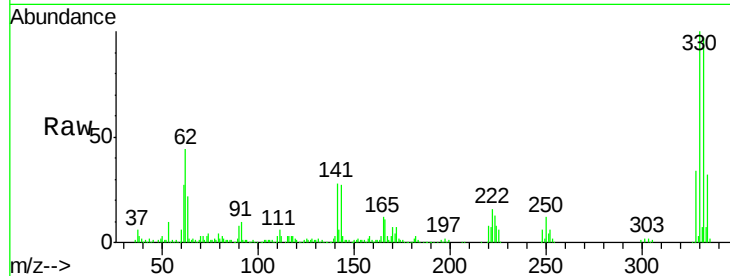




#41
 2,4,6-Tribromophenol
 Concen: 117.853 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

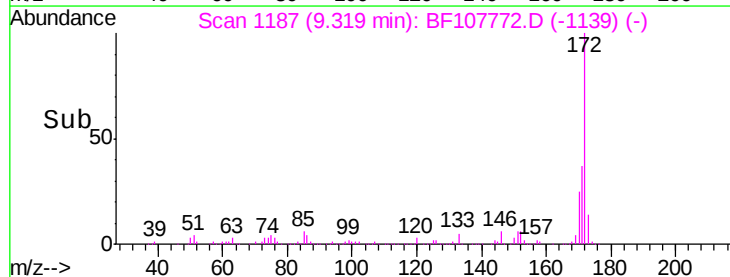
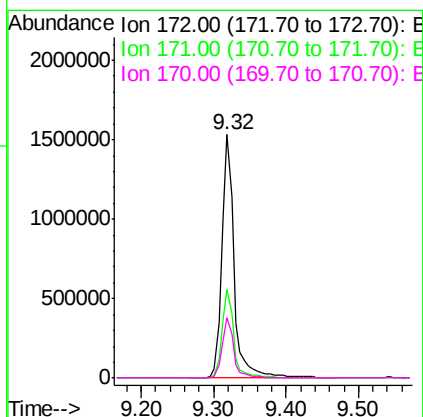
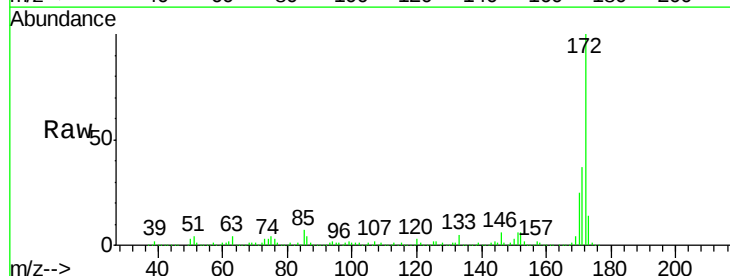
Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

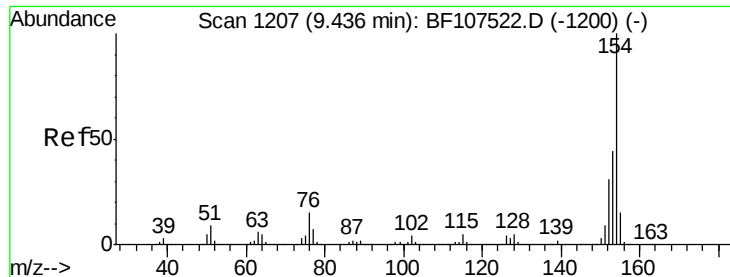
Tgt Ion:330 Resp: 369964
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 28.2 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 129.093 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

Tgt Ion:172 Resp: 1809089
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.8 19.6 29.4

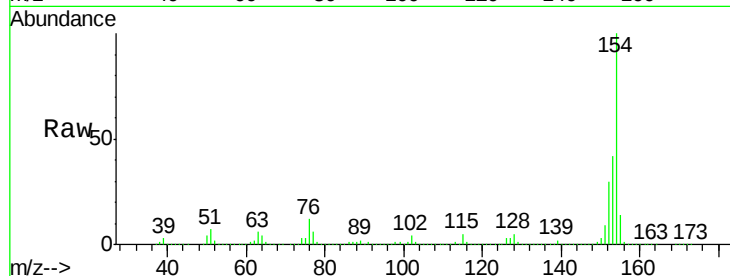




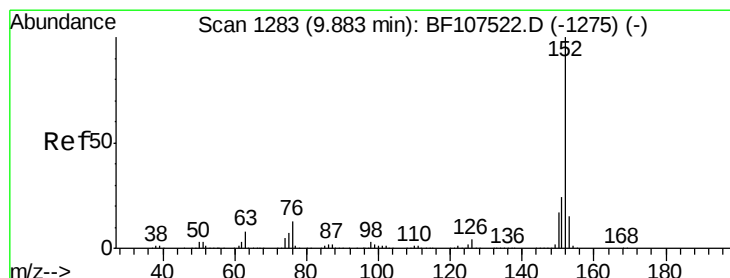
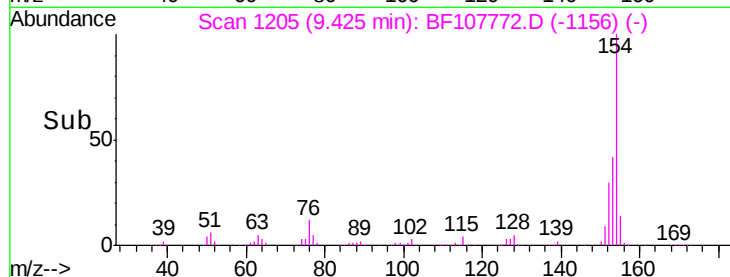
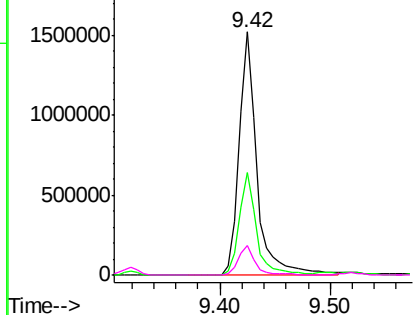
#45
 1,1'-Biphenyl
 Concen: 72.557 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

Tgt Ion:154 Resp: 1744844
 Ion Ratio Lower Upper
 154 100
 153 42.2 21.3 61.3
 76 12.3 0.0 34.0

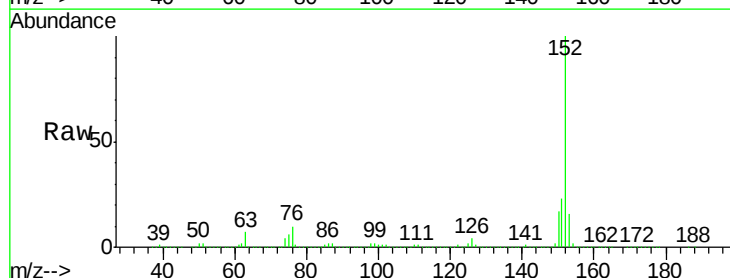


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

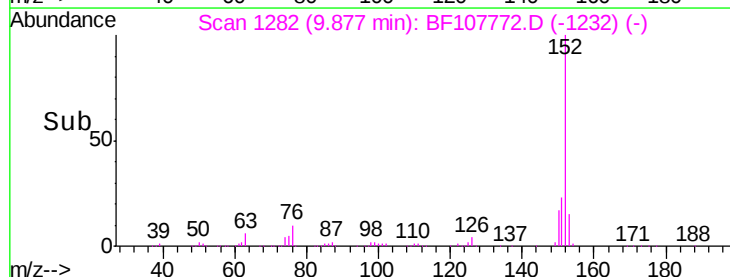
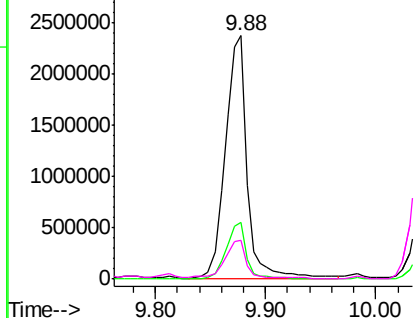


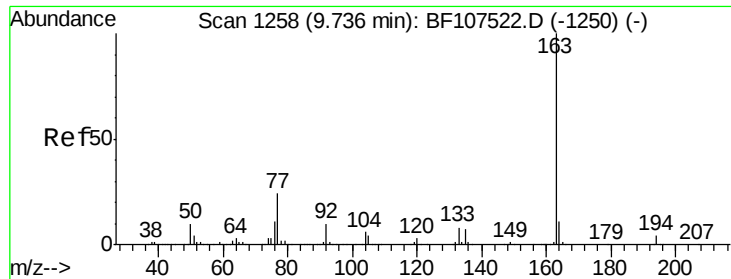
#48
 Acenaphthylene
 Concen: 117.503 ng
 RT: 9.88 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

Tgt Ion:152 Resp: 3244564
 Ion Ratio Lower Upper
 152 100
 151 23.1 16.3 24.5
 153 16.0 10.7 16.1



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

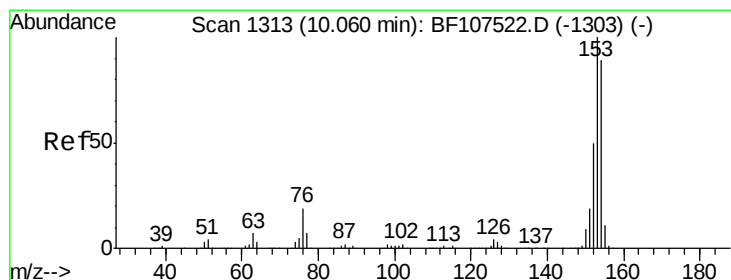
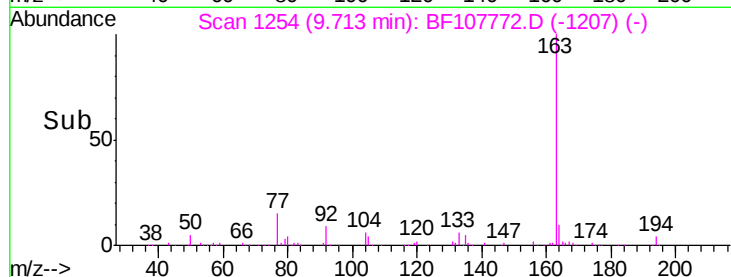
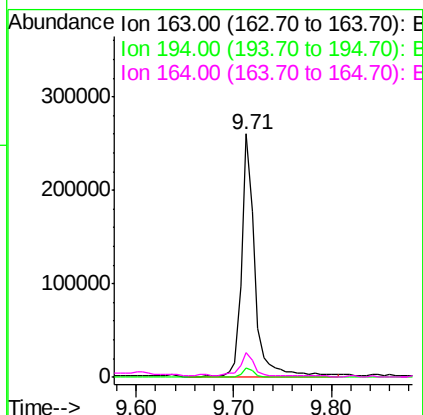
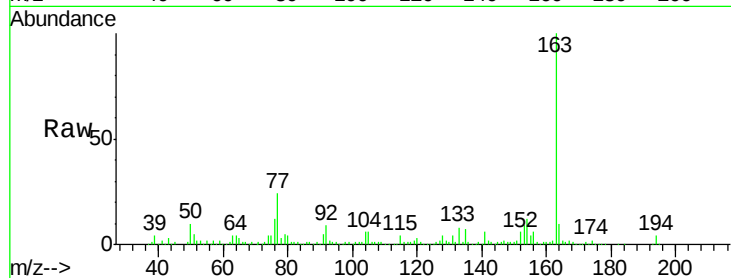




#49
Dimethylphthalate
Concen: 11.851 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

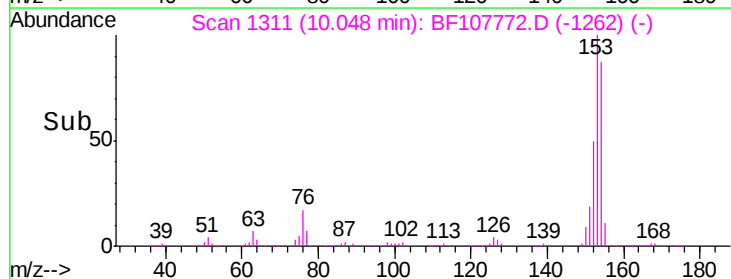
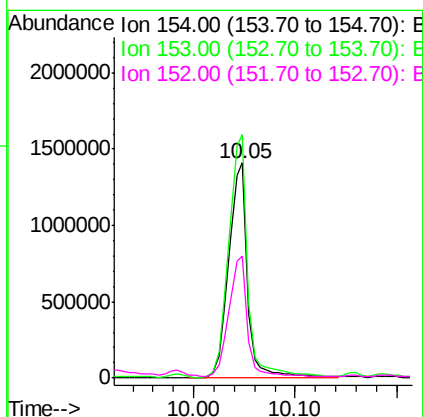
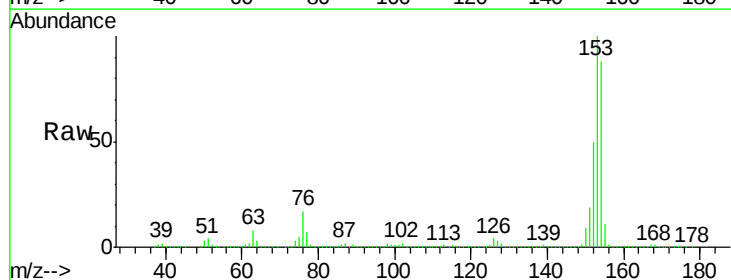
Instrument :
BNA_F
ClientSampleId :
MW-7BD

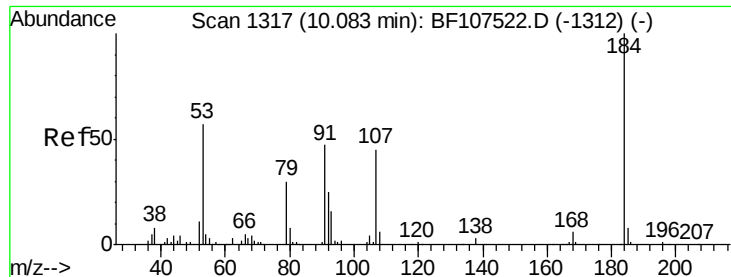
Tgt Ion:163 Resp: 246575
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 8.2 12.2



#51
Acenaphthene
Concen: 104.801 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

Tgt Ion:154 Resp: 1813138
Ion Ratio Lower Upper
154 100
153 113.2 91.2 136.8
152 56.7 43.8 65.8

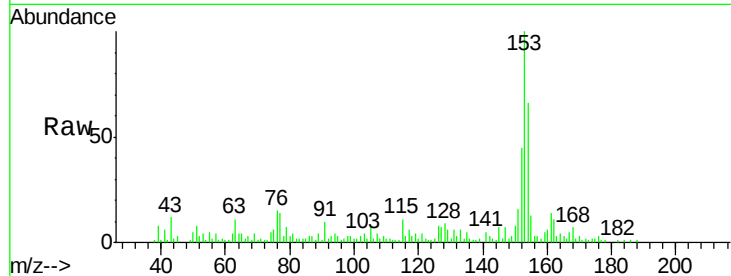




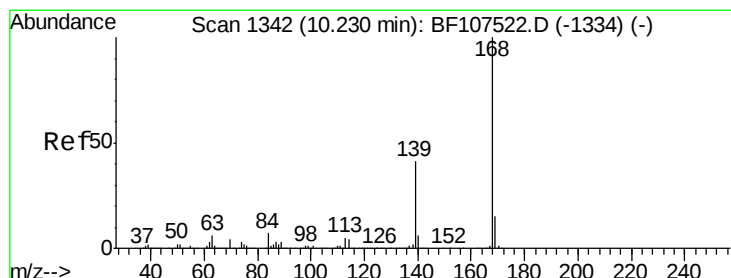
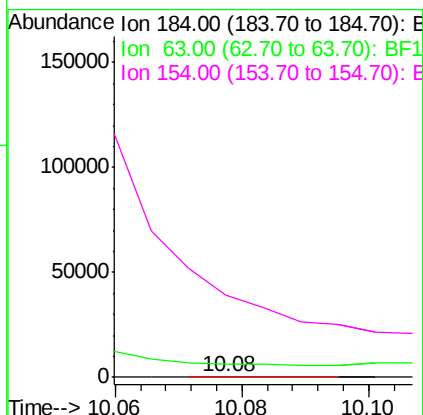
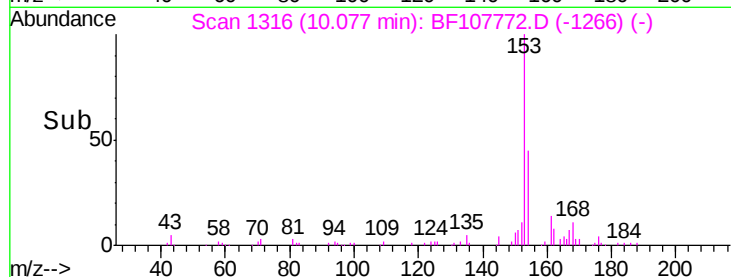
#53
2,4-Dinitrophenol
Concen: 8.509 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

Instrument :
BNA_F
ClientSampleId :
MW-7BD

Tgt Ion:184 Resp: 322
Ion Ratio Lower Upper
184 100
63 1324.6 54.2 81.2#
154 8155.7 184.0 276.0#

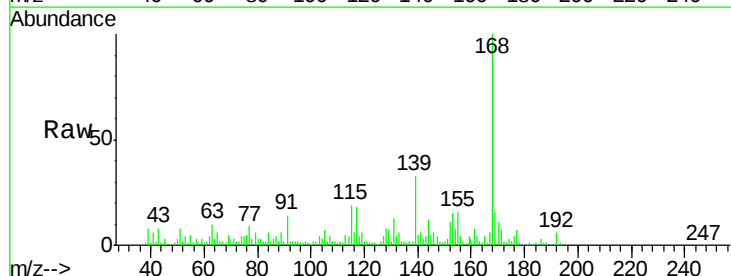


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

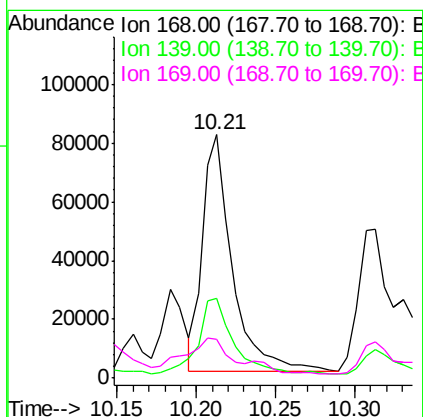
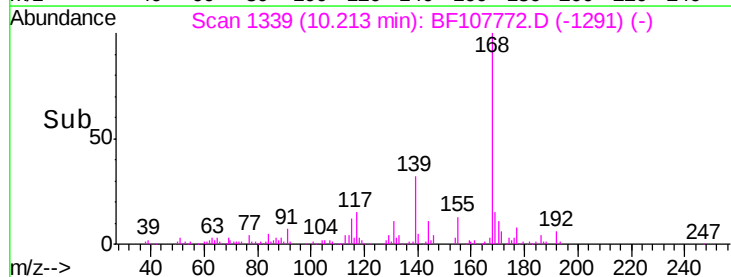


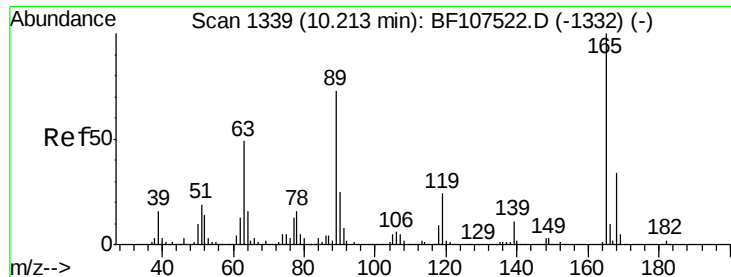
#54
Dibenzofuran
Concen: 4.170 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

Tgt Ion:168 Resp: 106210
Ion Ratio Lower Upper
168 100
139 32.8 30.1 45.1
169 15.7 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

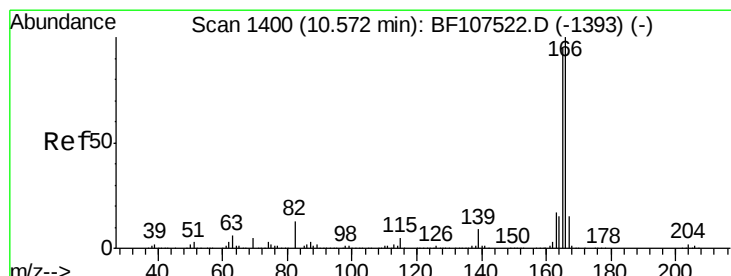
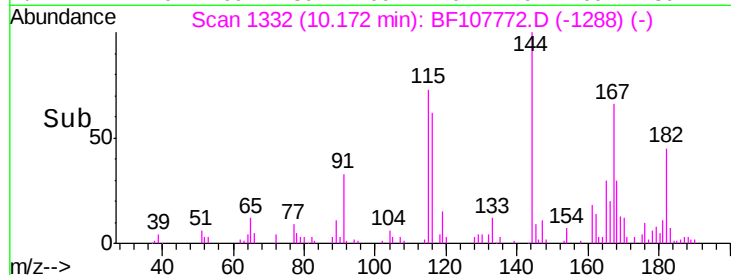
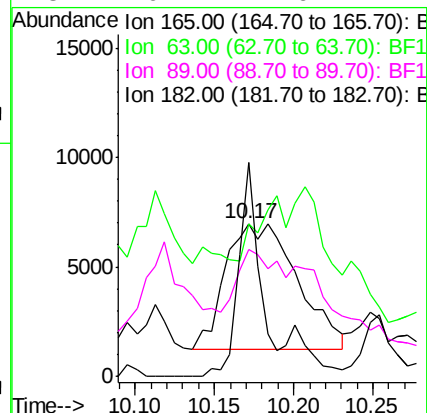
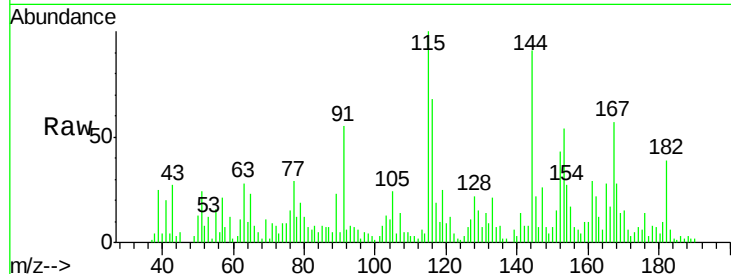




#56
 2,4-Dinitrotoluene
 Concen: 3.656 ng
 RT: 10.17 min Scan# 1332
 Delta R.T. -0.04 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

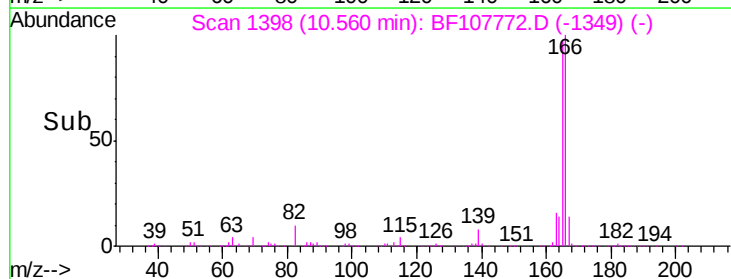
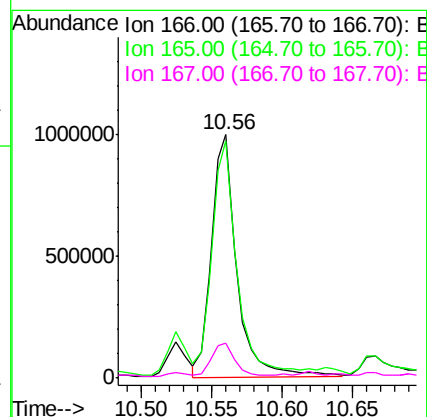
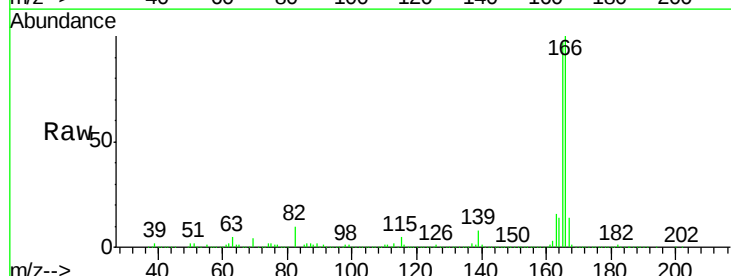
Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

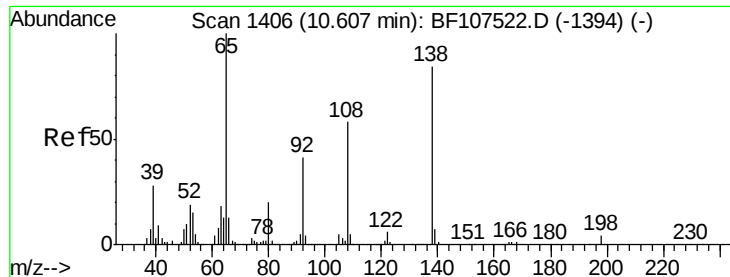
Tgt Ion:	165	Resp:	18228
Ion	Ratio	Lower	Upper
165	100		
63	99.8	36.4	54.6#
89	83.2	57.8	86.6
182	140.1	1.6	2.4#



#57
 Fluorene
 Concen: 68.378 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

Tgt Ion:	166	Resp:	1242484
Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.8	119.8
167	14.3	10.6	16.0

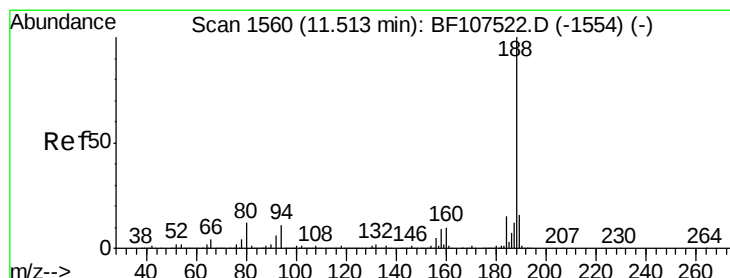
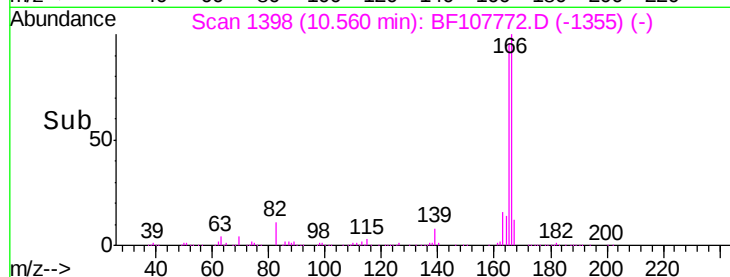
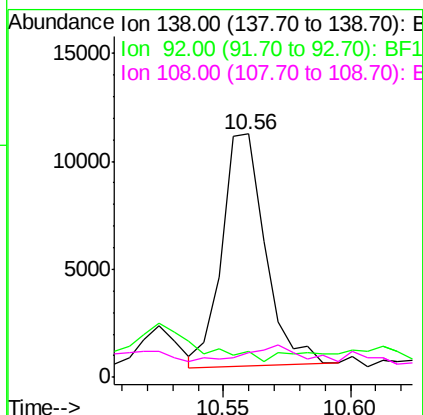
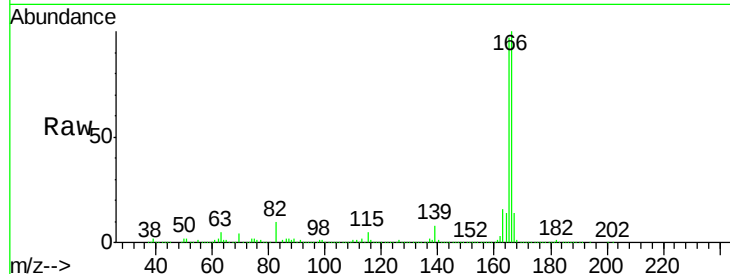




#61
4-Nitroaniline
Concen: 3.037 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.05 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

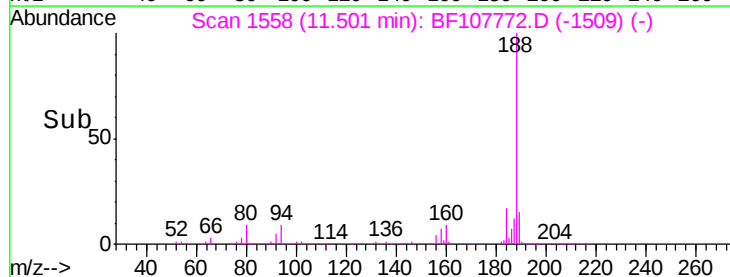
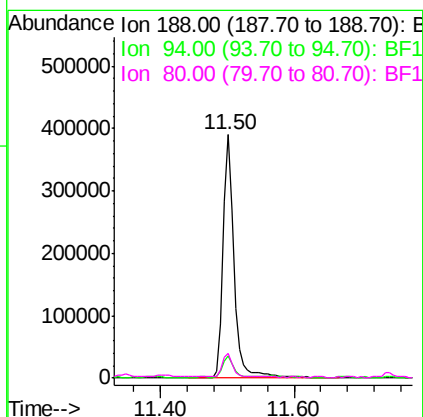
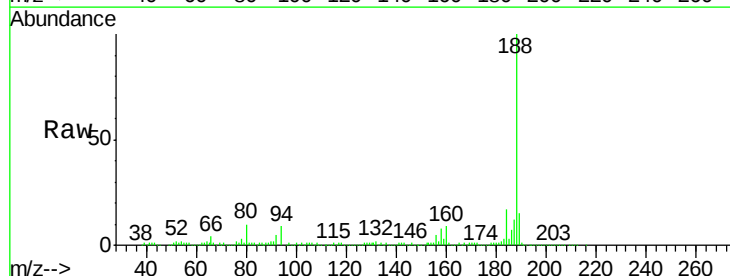
Instrument :
BNA_F
ClientSampleId :
MW-7BD

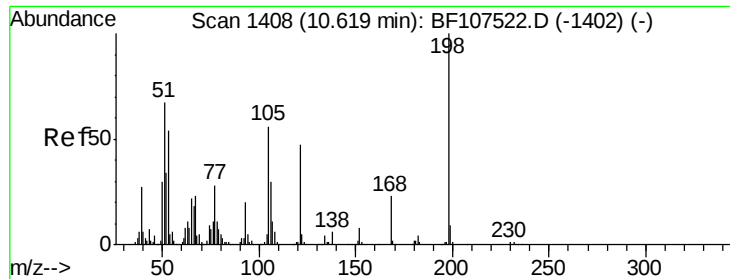
Tgt Ion:138 Resp: 12824
Ion Ratio Lower Upper
138 100
92 10.8 30.2 70.2#
108 10.0 52.5 92.5#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107772.D
Acq: 28 Jul 2018 3:49

Tgt Ion:188 Resp: 459449
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.0 9.2 13.8

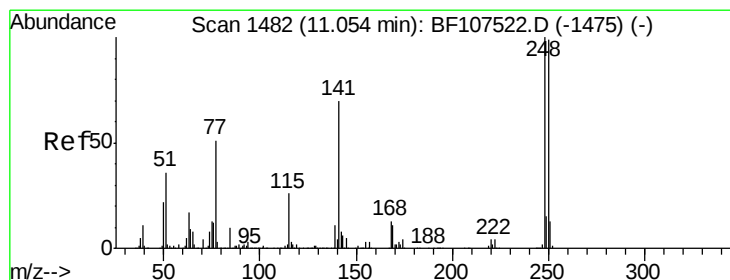
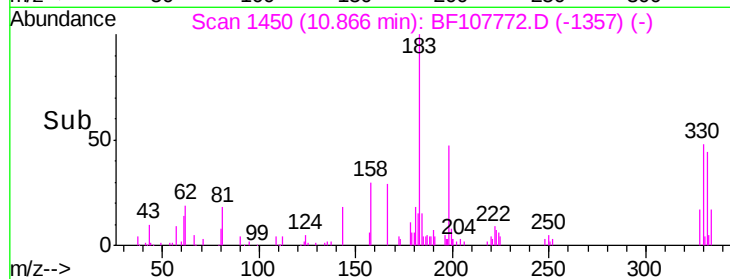
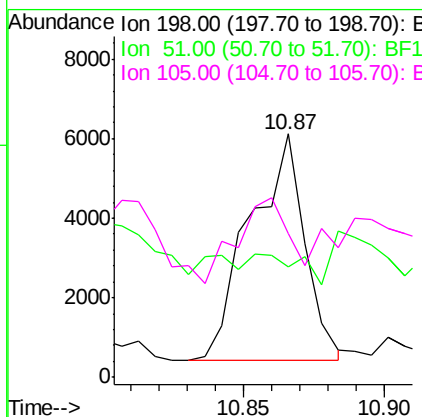
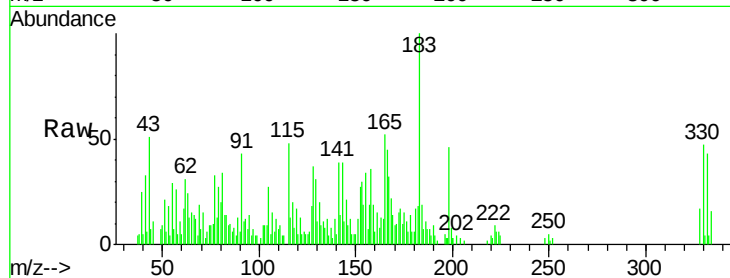




#64
 4,6-Dinitro-2-methylphenol
 Concen: 11.519 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.25 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

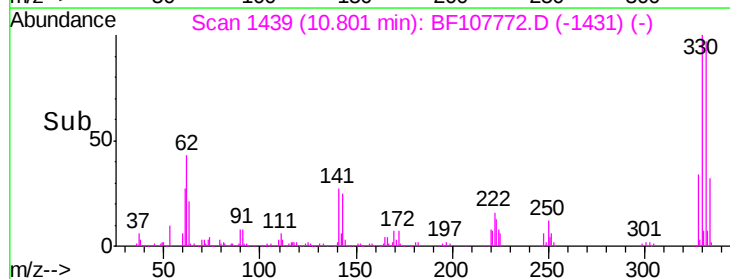
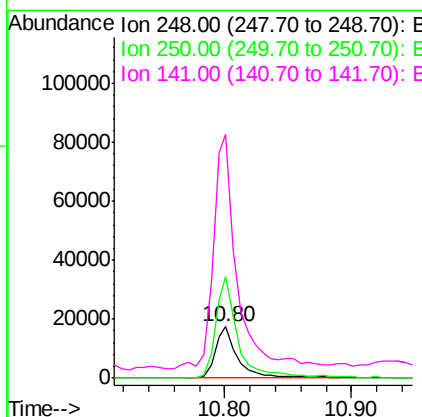
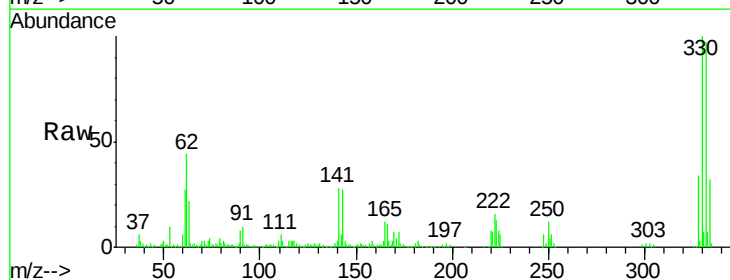
Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

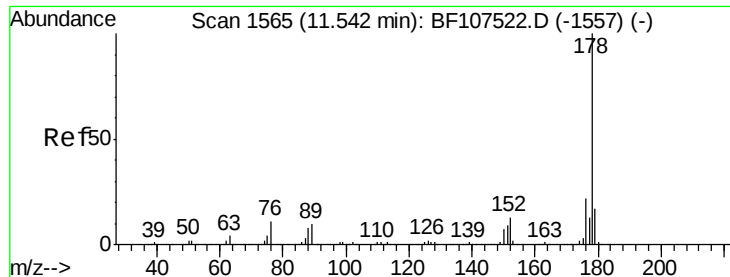
Tgt Ion:198 Resp: 7685
 Ion Ratio Lower Upper
 198 100
 51 45.5 37.7 77.7
 105 59.0 36.3 76.3



#66
 4-Bromophenyl-phenylether
 Concen: 3.978 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

Tgt Ion:248 Resp: 21516
 Ion Ratio Lower Upper
 248 100
 250 199.9 76.9 115.3#
 141 476.9 74.4 111.6#

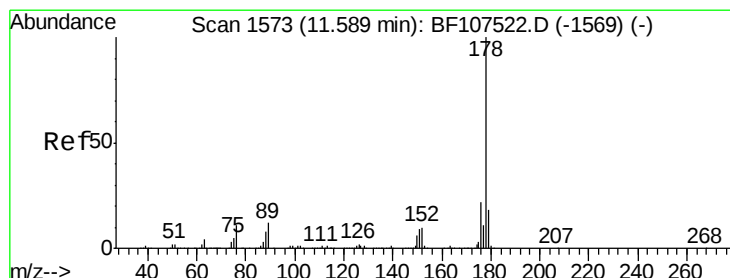
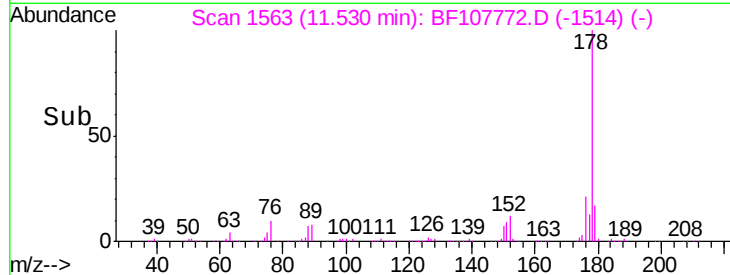
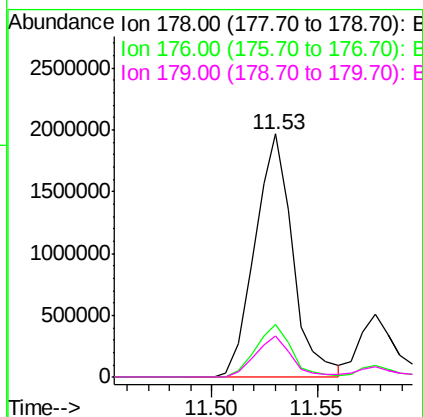
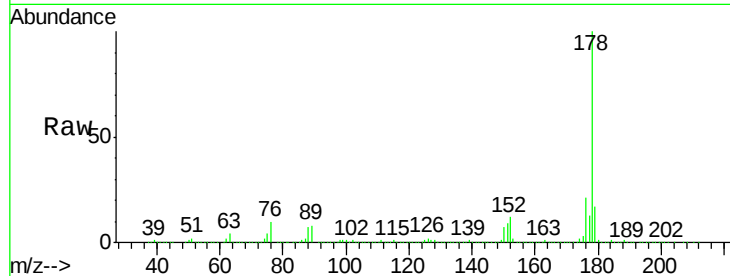




#70
 Phenanthrene
 Concen: 108.941 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

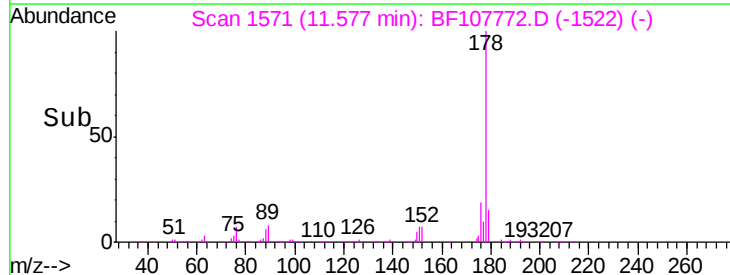
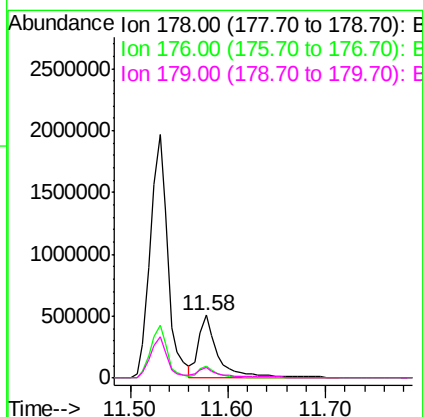
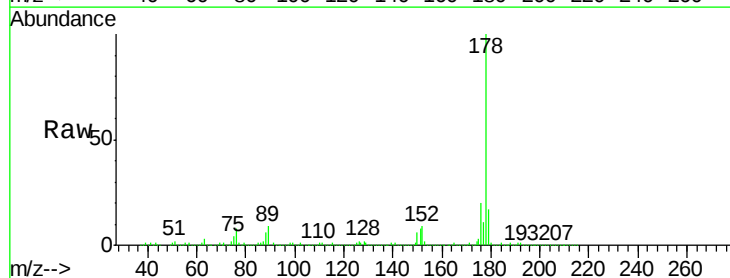
Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

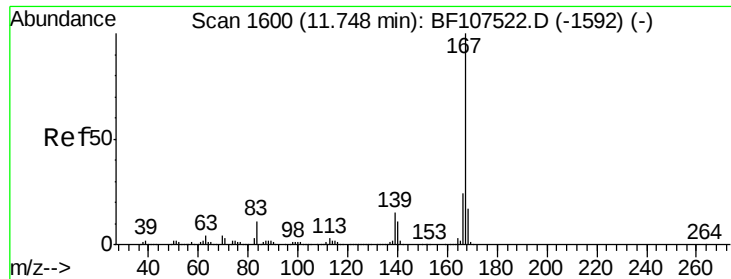
Tgt Ion:178 Resp: 2439097
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.8 23.8
 179 17.1 13.0 19.6



#71
 Anthracene
 Concen: 30.505 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

Tgt Ion:178 Resp: 687647
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 16.5 12.6 19.0





#72

Carbazole

Concen: 4.931 ng

RT: 11.74 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

Instrument :

BNA_F

ClientSampleId :

MW-7BD

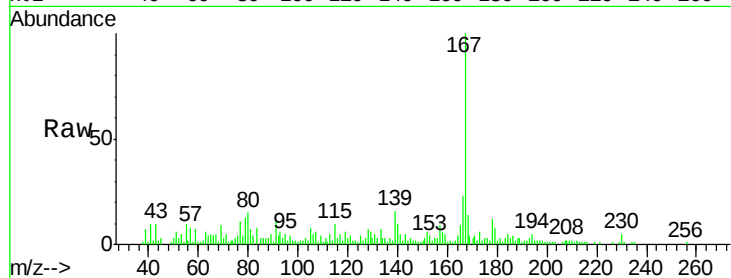
Tgt Ion:167 Resp: 115593

Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

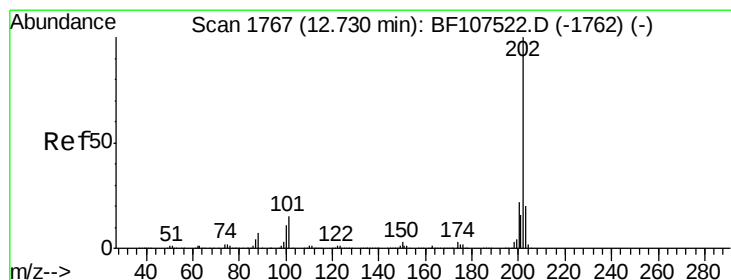
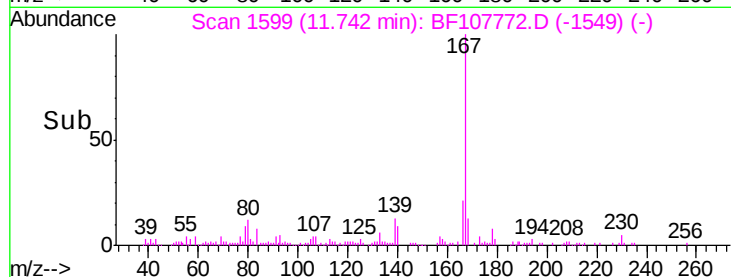
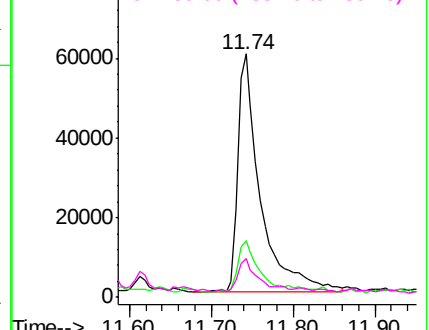
139 15.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 27.513 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

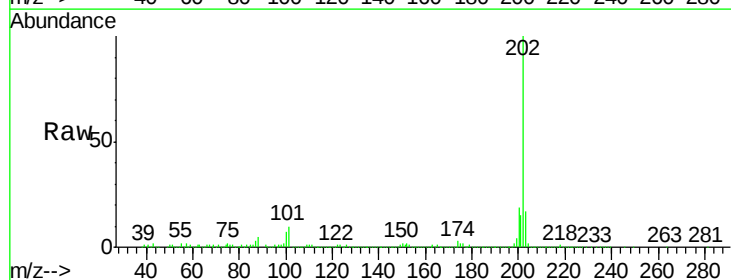
Tgt Ion:202 Resp: 661003

Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.1

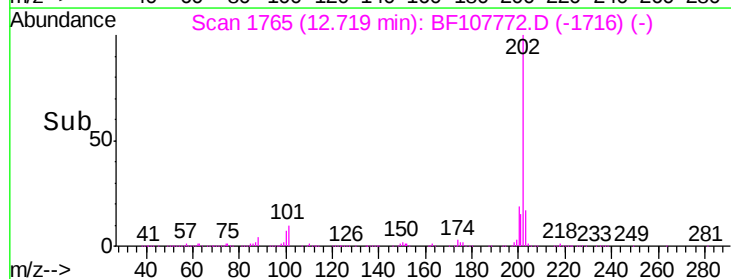
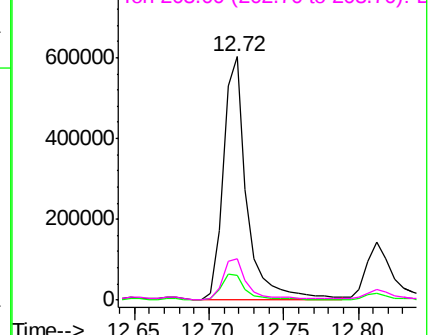
203 17.2 0.0 38.1

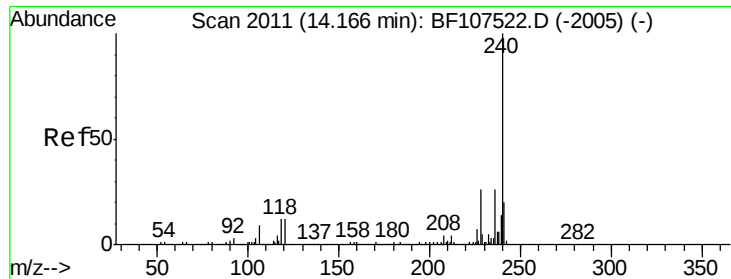


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

Instrument :

BNA_F

ClientSampleId :

MW-7BD

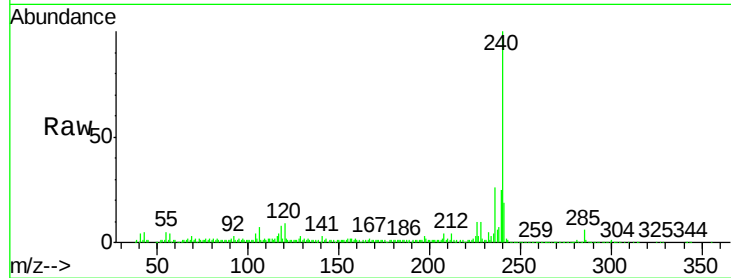
Tgt Ion:240 Resp: 439457

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

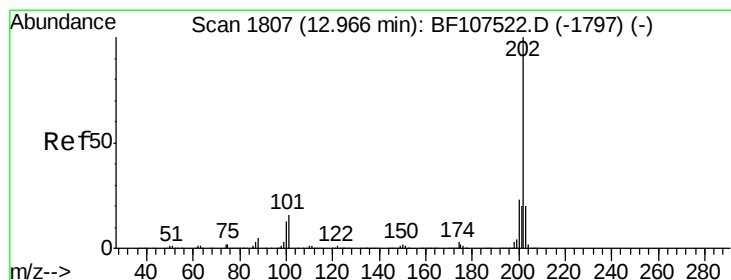
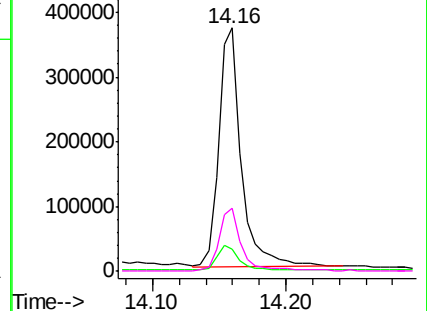
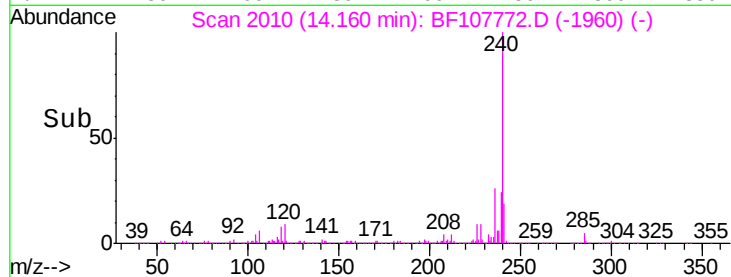
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 29.260 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

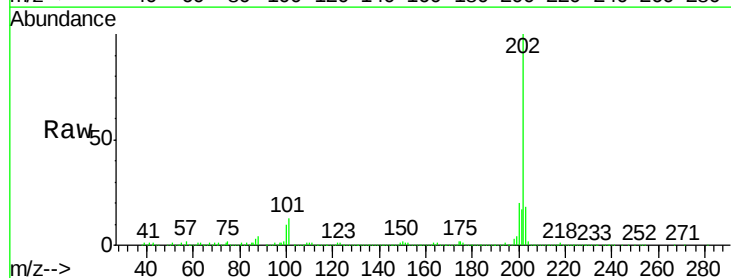
Tgt Ion:202 Resp: 879529

Ion Ratio Lower Upper

202 100

200 20.0 17.4 26.2

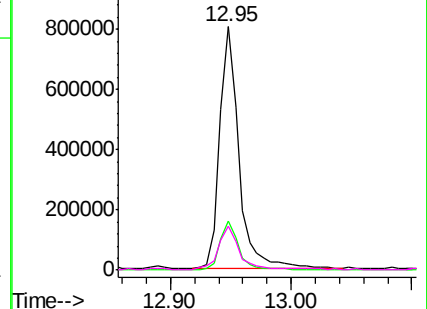
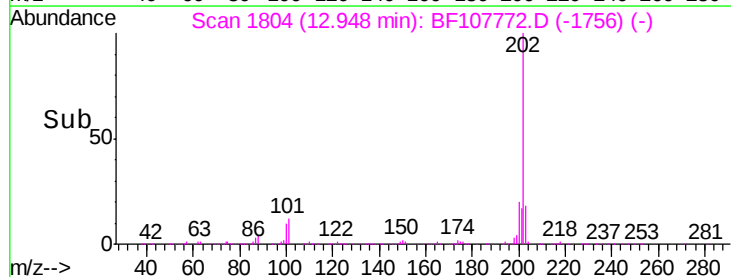
203 18.1 14.3 21.5

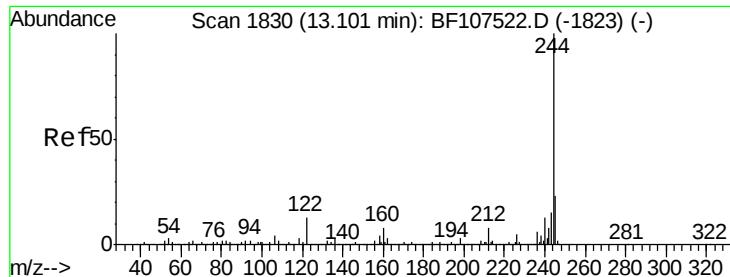


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

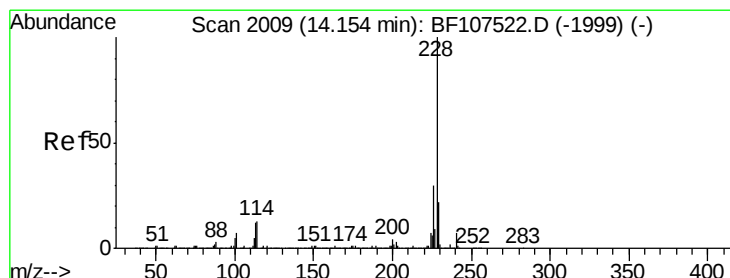
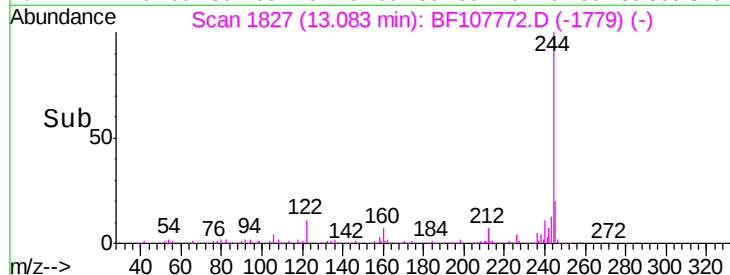
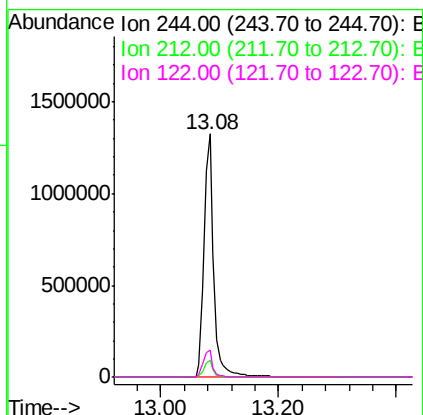
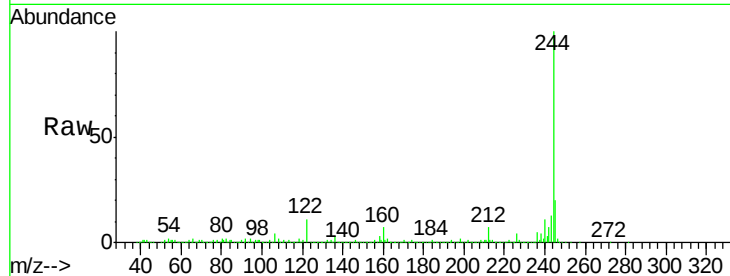




#78
 Terphenyl-d14
 Concen: 88.486 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

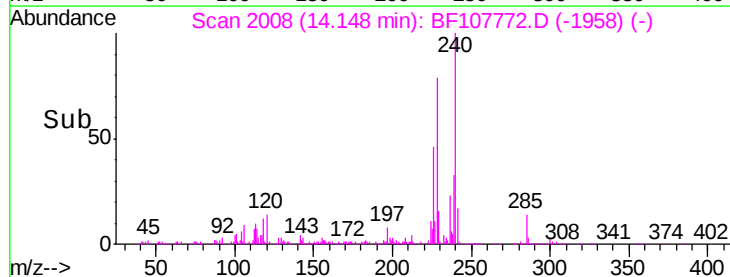
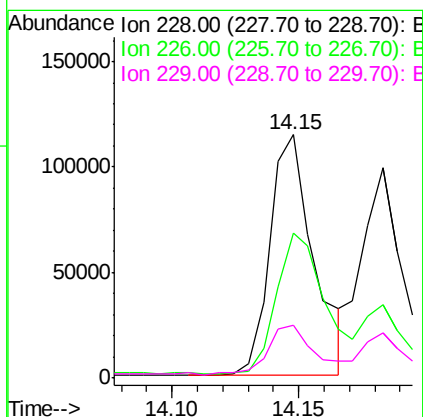
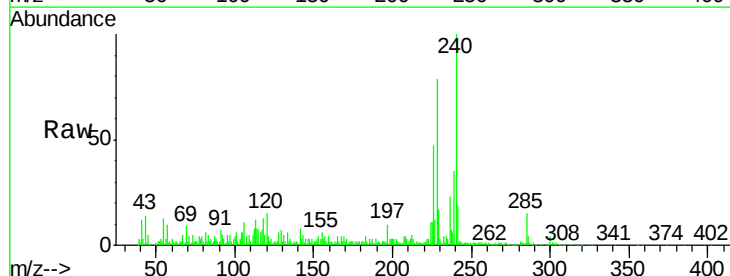
Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

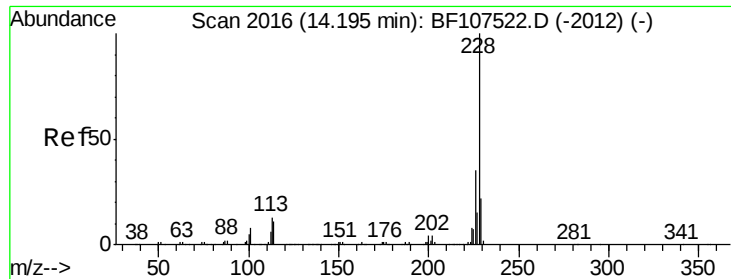
Tgt Ion:244 Resp: 1518915
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.1 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 5.372 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

Tgt Ion:228 Resp: 138348
 Ion Ratio Lower Upper
 228 100
 226 59.6 22.6 33.8#
 229 21.8 15.8 23.6





#82

Chrysene

Concen: 4.827 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

Instrument :

BNA_F

ClientSampleId :

MW-7BD

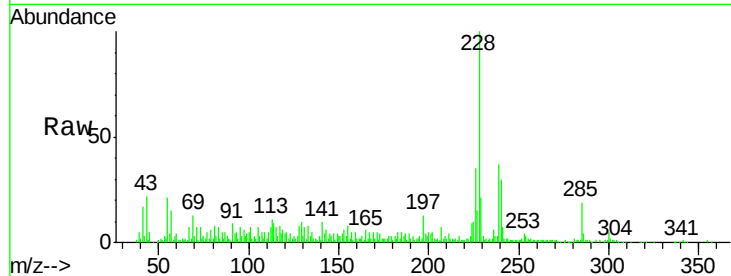
Tgt Ion:228 Resp: 119421

Ion Ratio Lower Upper

228 100

226 34.7 25.0 37.6

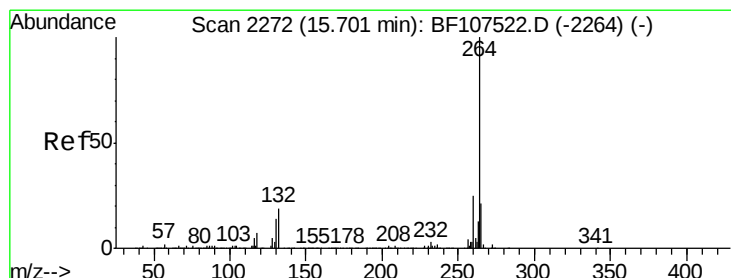
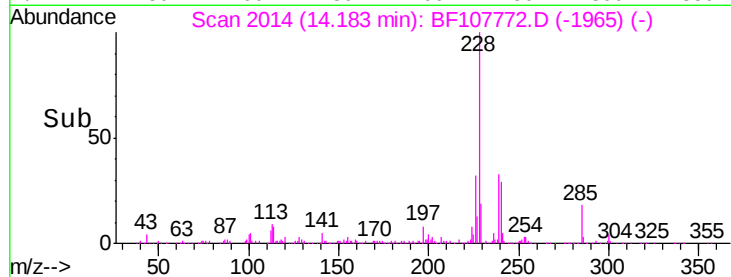
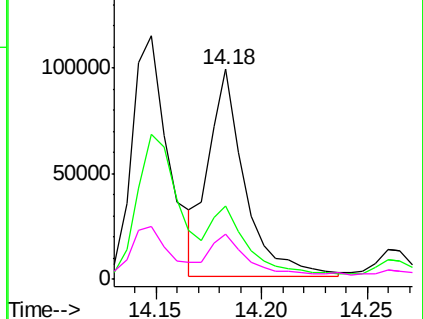
229 21.3 16.2 24.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

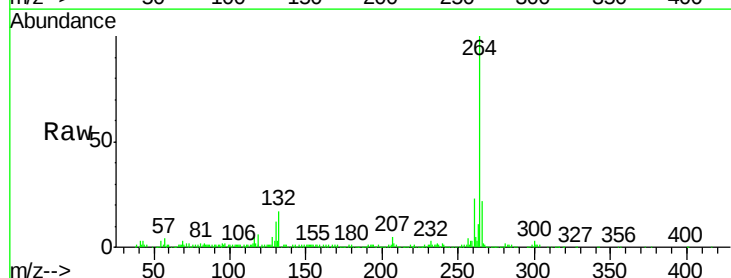
Tgt Ion:264 Resp: 350450

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

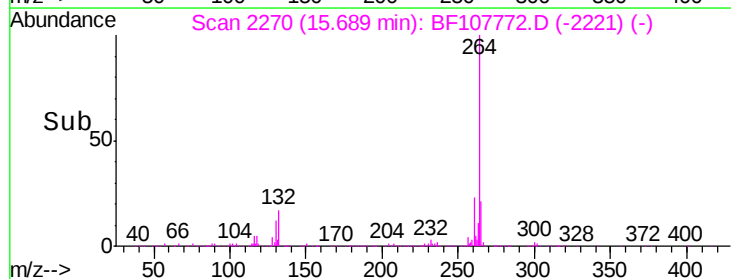
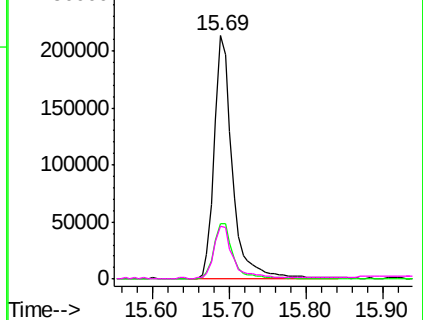
265 21.5 17.5 26.3

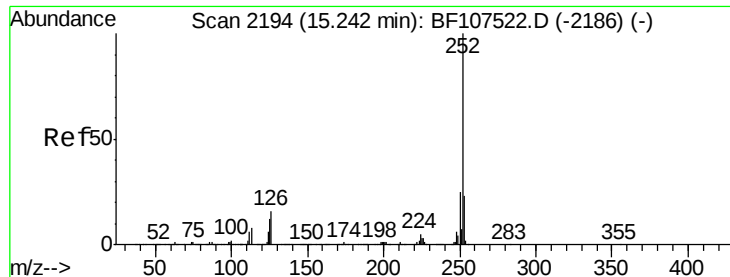


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

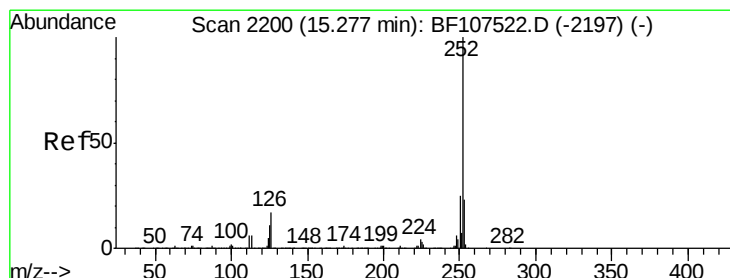
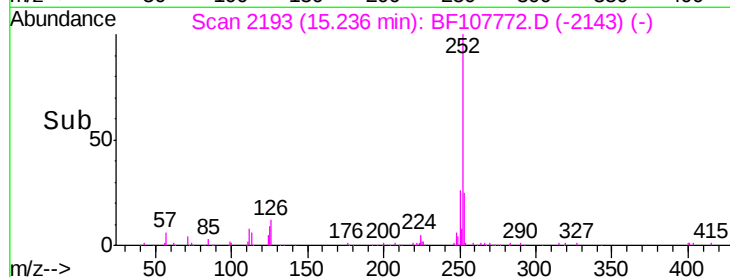
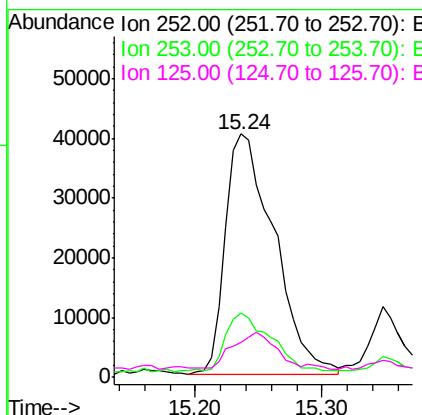
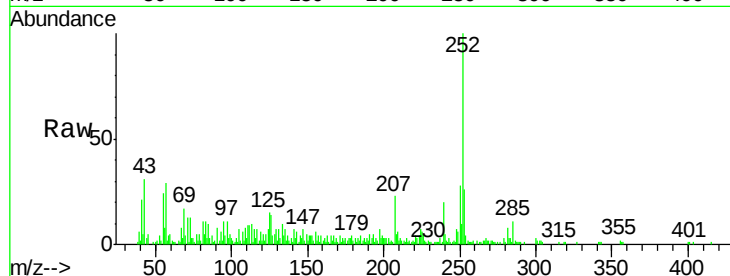




#87
 Benzo(b)fluoranthene
 Concen: 5.584 ng
 RT: 15.24 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

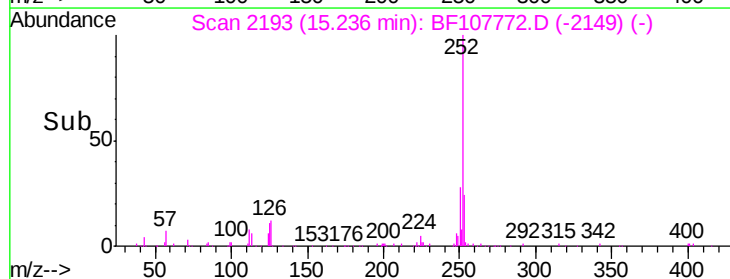
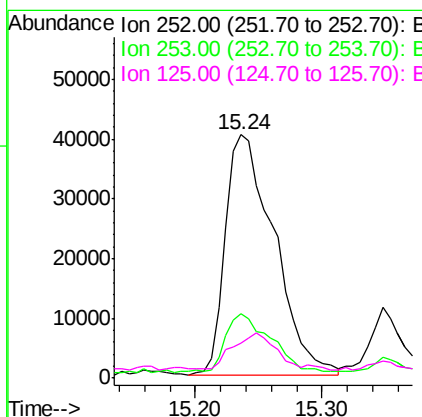
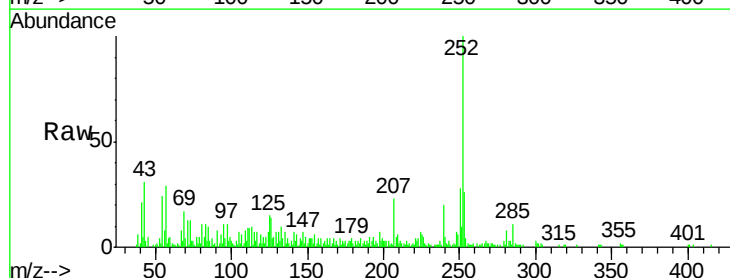
Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

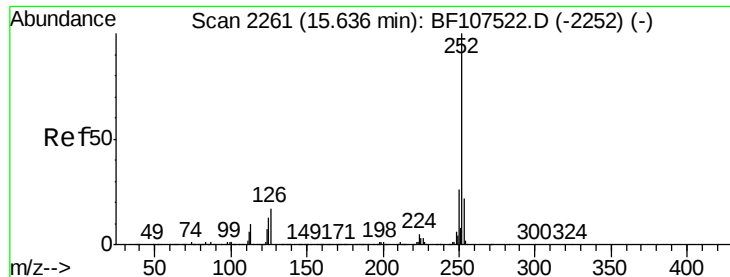
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.0	25.6#
125	14.6	9.0	13.6#



#88
 Benzo(k)fluoranthene
 Concen: 5.700 ng
 RT: 15.24 min Scan# 2193
 Delta R.T. -0.04 min
 Lab File: BF107772.D
 Acq: 28 Jul 2018 3:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	14.6	10.2	15.2





#89

Benzo(a)pyrene

Concen: 4.780 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

Instrument :

BNA_F

ClientSampleId :

MW-7BD

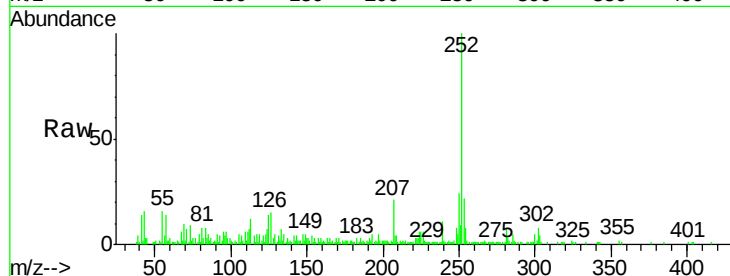
Tgt Ion:252 Resp: 83859

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

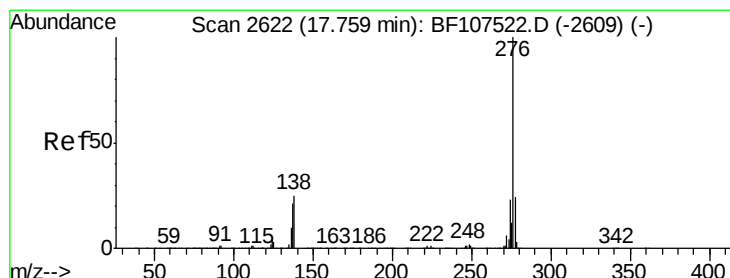
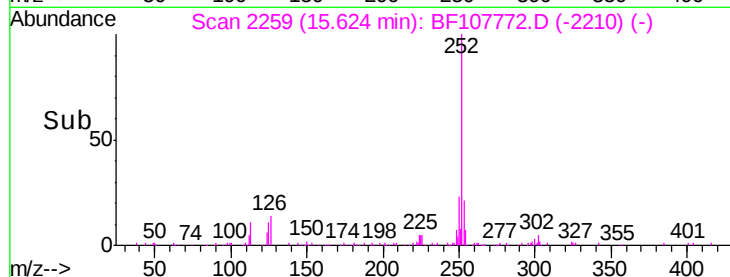
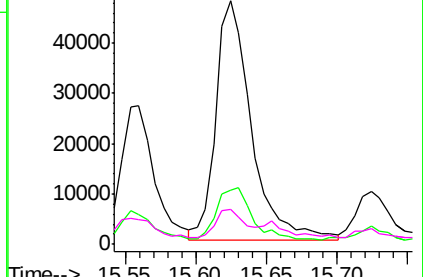
125 14.3 9.8 14.6



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



#91

Benzo(g,h,i)perylene

Concen: 2.337 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF107772.D

Acq: 28 Jul 2018 3:49

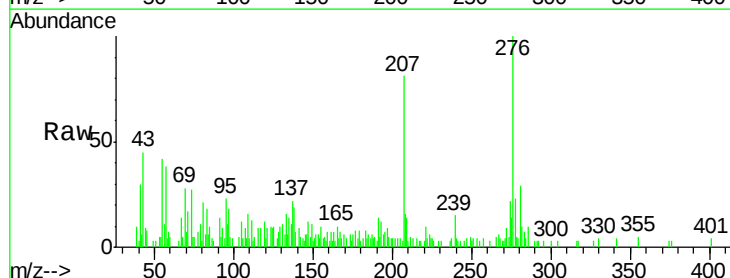
Tgt Ion:276 Resp: 34957

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 19.1 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

