

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114907.D
 Acq On : 7 Jun 2019 23:12
 Operator : HP/JU
 Sample : K3214-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

Quant Time: Jun 08 05:18:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	335510	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	880760	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	589233	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1139836	20.00	ng	0.00
76) Chrysene-d12	13.78	240	681921	20.00	ng	-0.01
87) Perylene-d12	15.16	264	710941	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1070756	55.77	ng	0.03
7) Phenol-d6	6.32	99	1192453	51.04	ng	0.02
23) Nitrobenzene-d5	7.23	82	1826767	127.68	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	815443	128.42	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3156693	100.36	ng	0.00
79) Terphenyl-d14	12.75	244	3227841	92.05	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	21717	2.369	ng	98
9) Benzaldehyde	6.22	77	36321	2.241	ng	# 1
17) 2-Methylphenol	6.91	107	100471	5.298	ng	# 37
18) Hexachloroethane	7.20	117	206259	21.067	ng	# 1
20) 3+4-Methylphenols	7.11	107	1232791	58.940	ng	# 30
22) Acetophenone	7.06	105	102324	5.277	ng	# 65
24) Nitrobenzene	7.24	77	47353	3.195	ng	# 8
25) Isophorone	7.27	82	285912	10.108	ng	# 62
27) 2,4-Dimethylphenol	7.56	122	119488	9.793	ng	# 1
28) bis(2-Chloroethoxy)methane	7.72	93	231982	12.830	ng	# 1
31) Naphthalene	7.99	128	16882094	425.756	ng	# 93
32) Benzoic acid	7.79	122	3352186	377.202	ng	# 18
33) 4-Chloroaniline	8.00	127	2934290	155.119	ng	# 36
35) Caprolactam	8.38	113	12517	2.985	ng	# 42
36) 4-Chloro-3-methylphenol	8.46	107	545645	42.715	ng	# 21
37) 2-Methylnaphthalene	8.67	142	4850887	176.375	ng	# 94
38) 1-Methylnaphthalene	8.78	142	5821777	223.208	ng	# 99
46) 1,1'-Biphenyl	9.13	154	1194947	27.362	ng	96
47) 2-Chloronaphthalene	9.13	162	79830	2.151	ng	92
50) Dimethylphthalate	9.44	163	117366	2.727	ng	# 87
52) Acenaphthene	9.73	154	2184275	61.963	ng	99
54) 2,4-Dinitrophenol	9.85	184	56410	12.317	ng	# 56
55) Dibenzofuran	9.90	168	2083593	42.506	ng	99
56) 4-Nitrophenol	9.84	139	55140	6.365	ng	# 61
57) 2,4-Dinitrotoluene	9.85	165	55434	4.357	ng	# 1
58) Fluorene	10.24	166	1464143	47.017	ng	100
65) 4,6-Dinitro-2-methylphenol	10.32	198	13303	2.247	ng	# 1
66) n-Nitrosodiphenylamine	10.10	169	75163	2.181	ng	92
67) 4-Bromophenyl-phenylether	10.48	248	51252	3.959	ng	# 1
71) Phenanthrene	11.19	178	1555915	28.594	ng	98
72) Anthracene	11.24	178	327048	5.711	ng	97
73) Carbazole	11.40	167	227598	4.636	ng	96
75) Fluoranthene	12.36	202	166498	2.940	ng	98

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QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

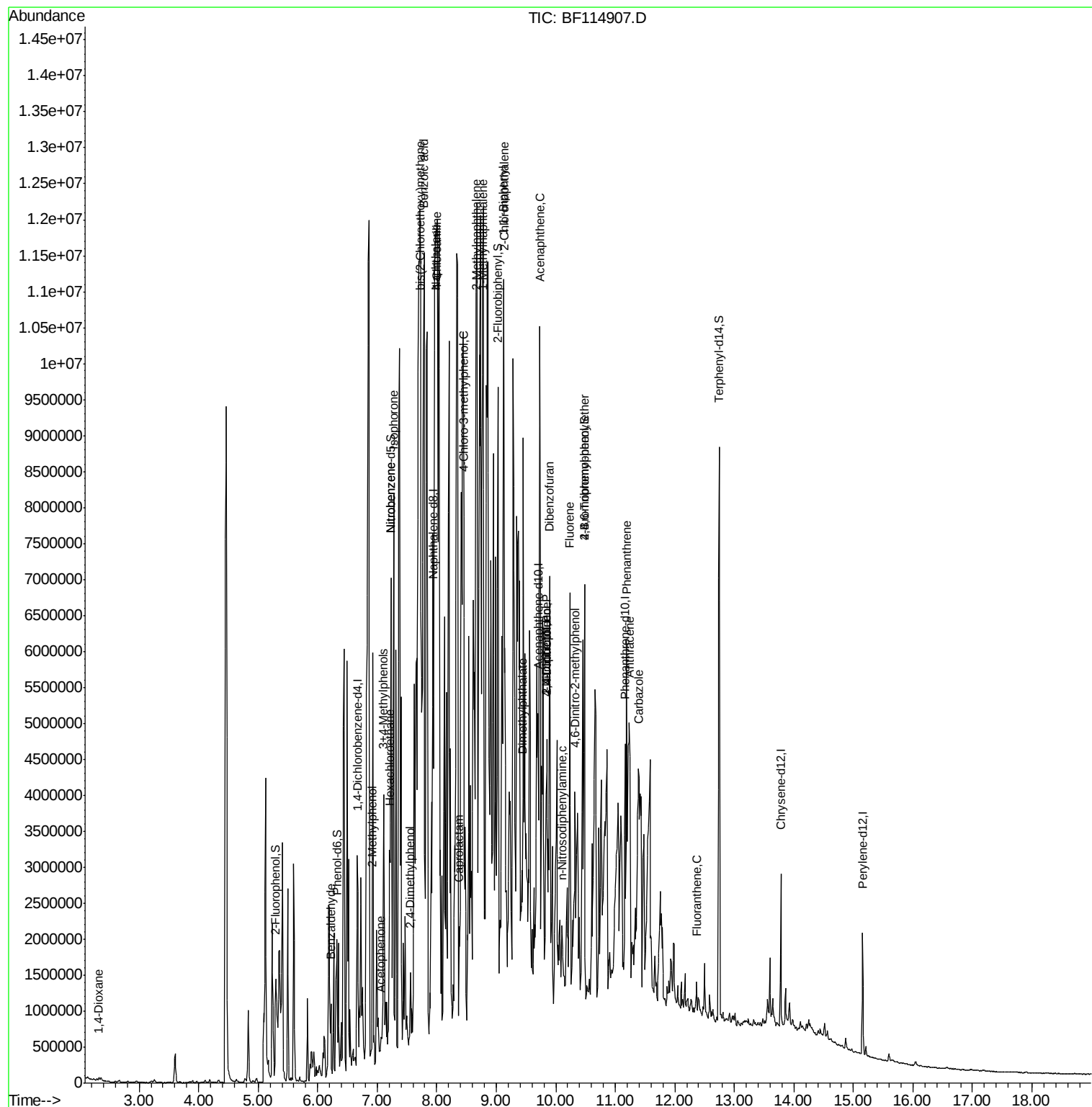
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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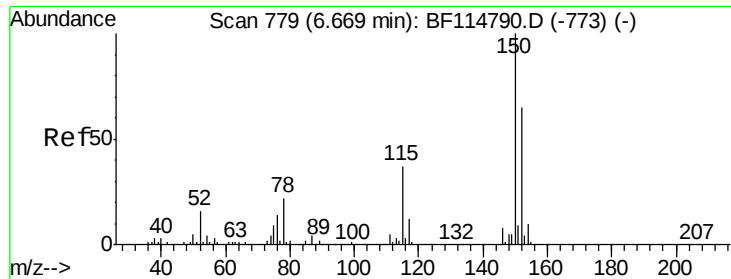
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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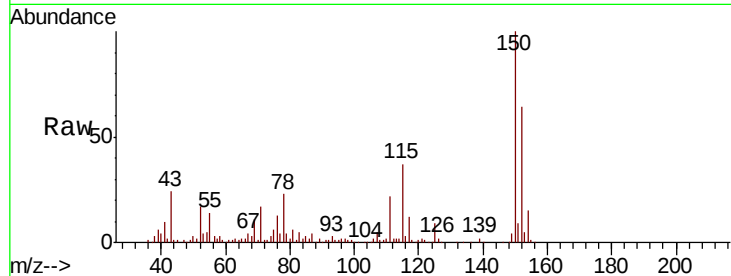


#1

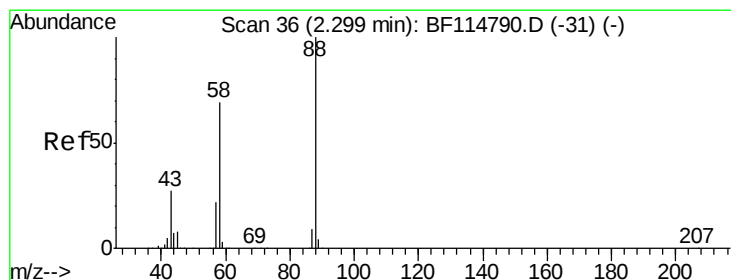
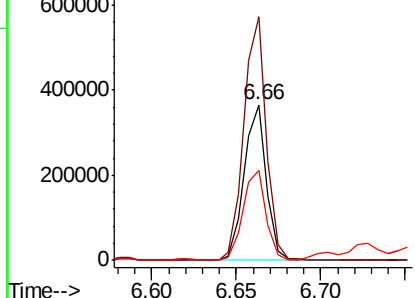
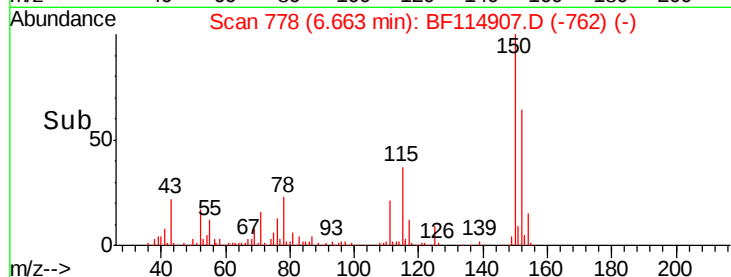
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.0	186.0
115	58.1	46.3	69.5



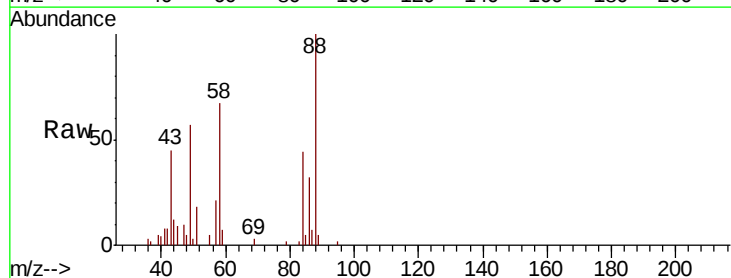
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



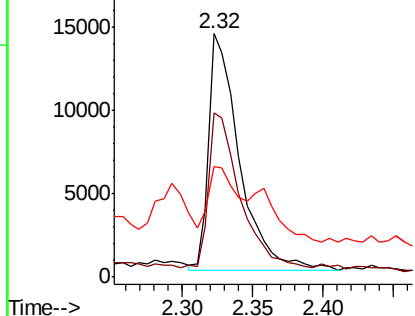
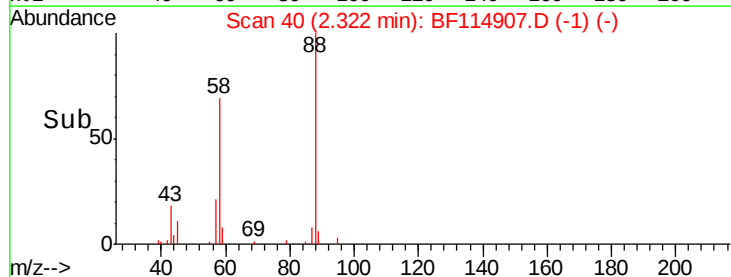
#2

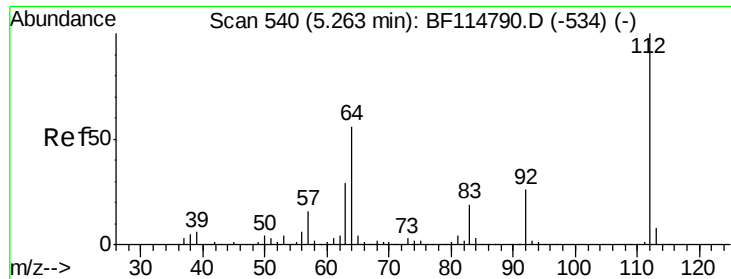
1,4-Dioxane
Concen: 2.369 ng
RT: 2.32 min Scan# 40
Delta R.T. 0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	53.8	80.8
43	22.7	20.7	31.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 55.766 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.03 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

Instrument :

BNA_F

ClientSampleId :

MW-4A

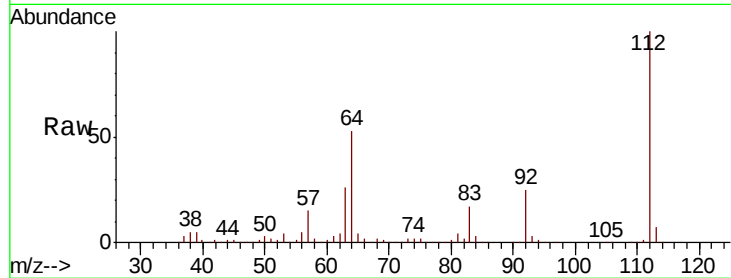
Tgt Ion: 112 Resp: 1070756

Ion Ratio Lower Upper

112 100

64 52.6 44.6 66.8

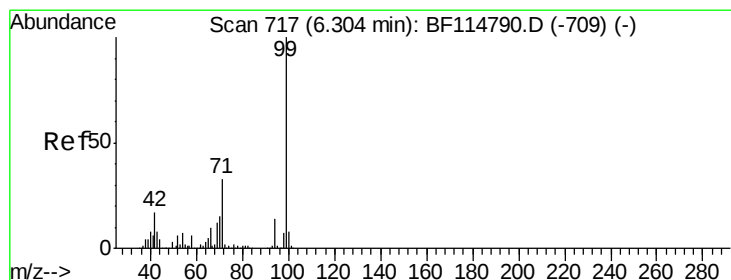
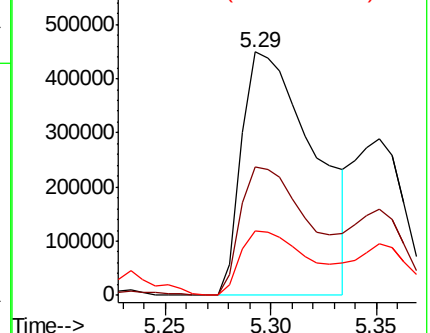
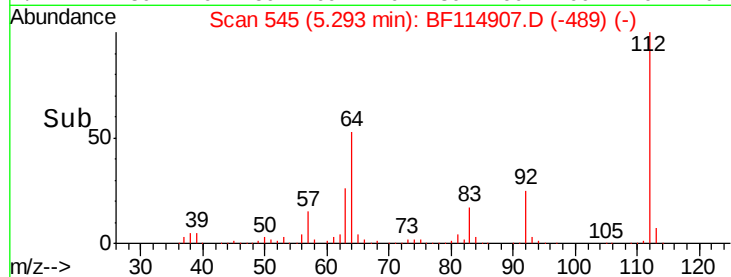
63 26.3 23.0 34.4



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



#7

Phenol-d6

Concen: 51.038 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

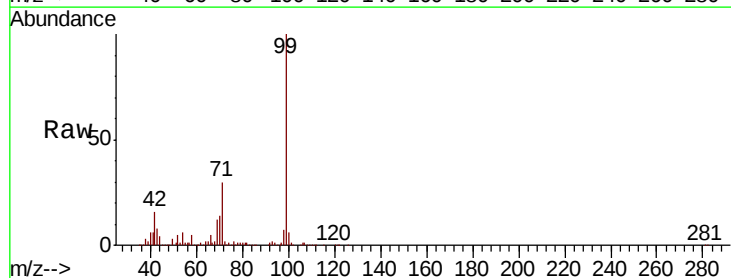
Tgt Ion: 99 Resp: 1192453

Ion Ratio Lower Upper

99 100

42 15.9 13.3 19.9

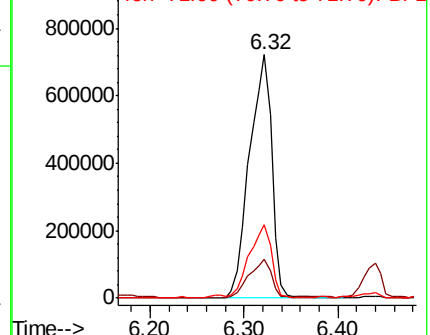
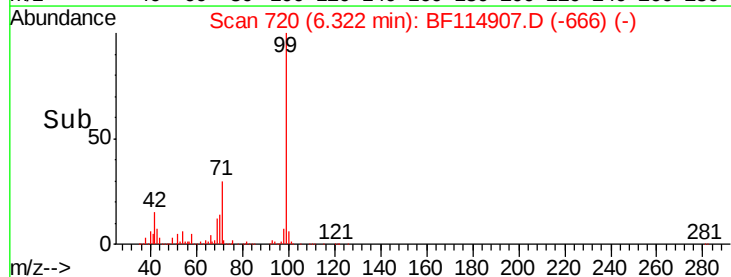
71 30.3 26.3 39.5

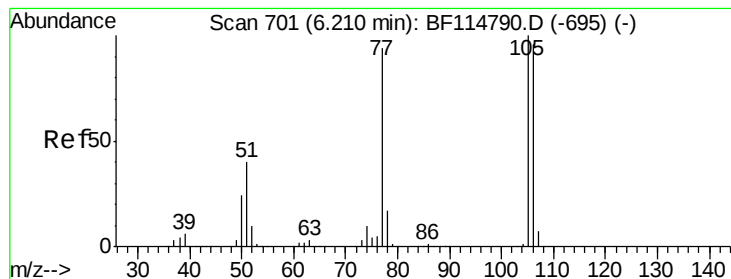


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 2.241 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

Instrument :

BNA_F

ClientSampled :

MW-4A

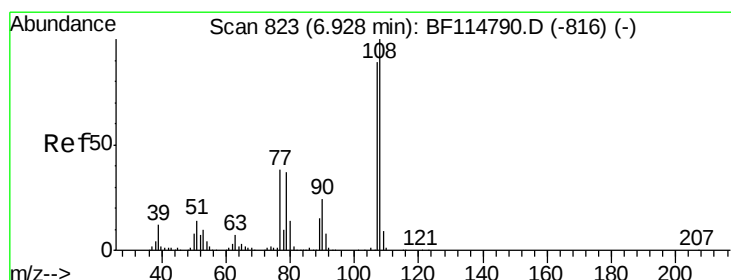
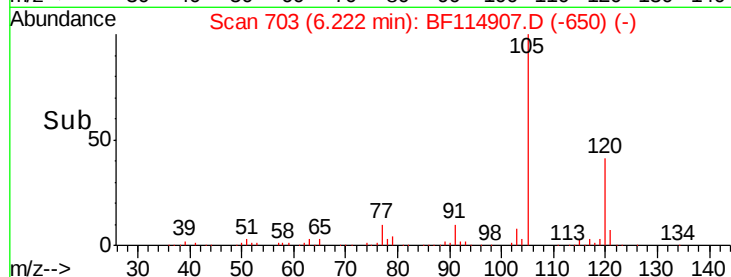
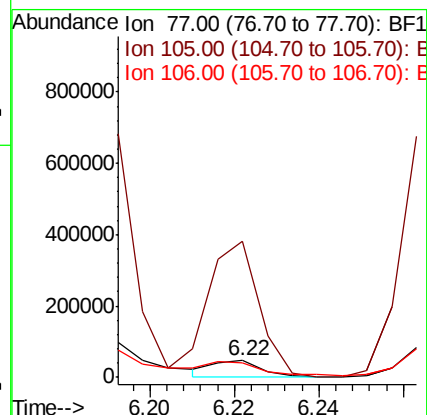
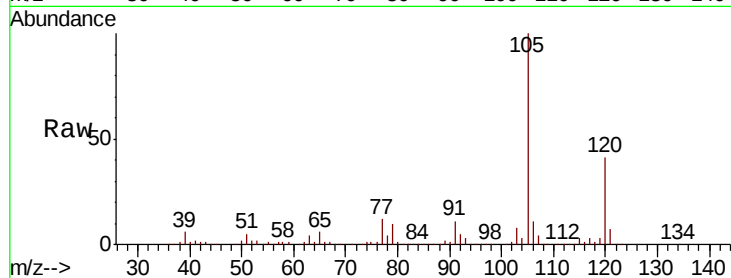
Tgt Ion: 77 Resp: 36321

Ion Ratio Lower Upper

77 100

105 822.3 85.8 125.8#

106 90.9 81.6 121.6



#17

2-Methylphenol

Concen: 5.298 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

Tgt Ion: 107 Resp: 100471

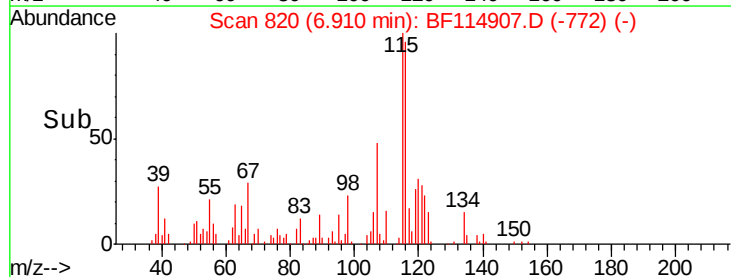
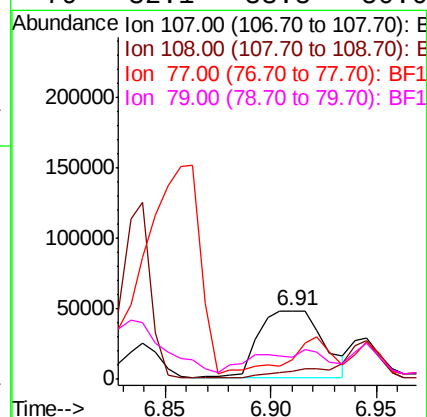
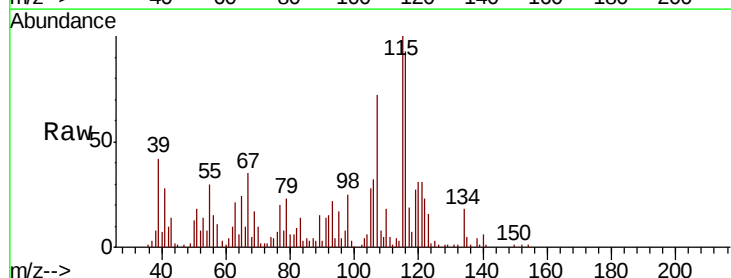
Ion Ratio Lower Upper

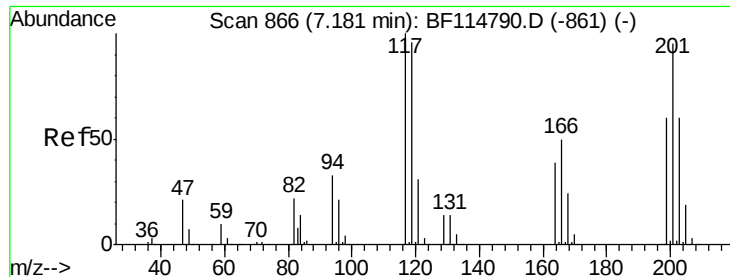
107 100

108 10.8 90.2 135.2#

77 28.0 34.5 51.7#

79 32.1 33.8 50.6#

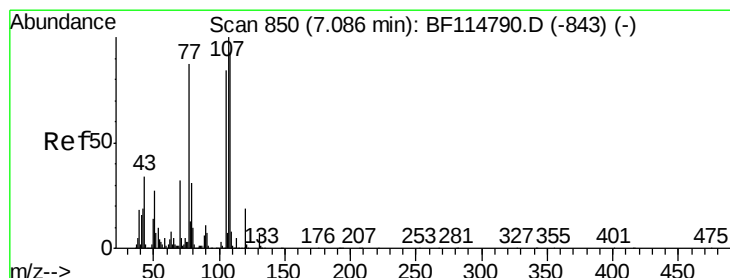
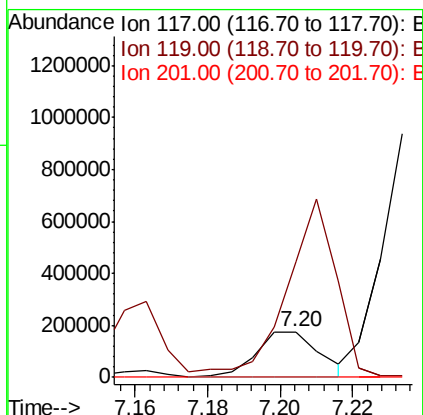
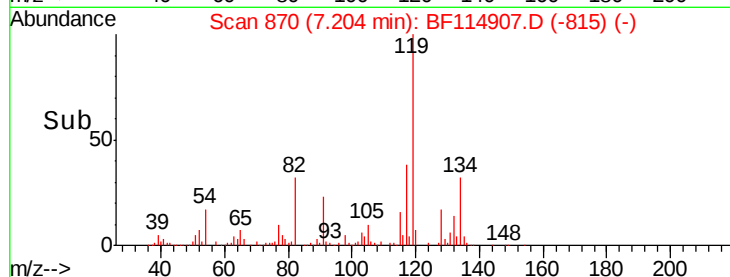
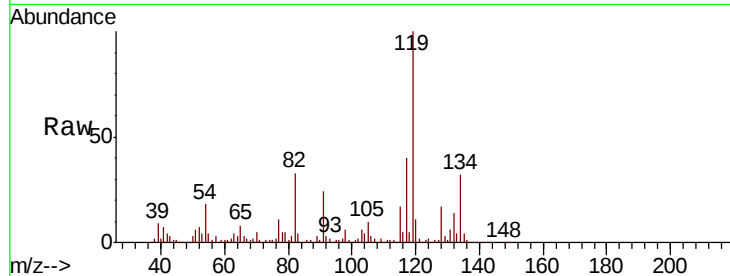




#18
Hexachloroethane
Concen: 21.067 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

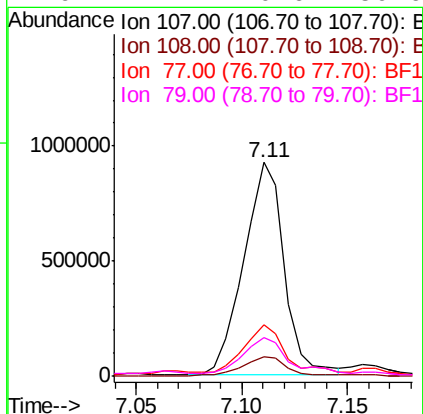
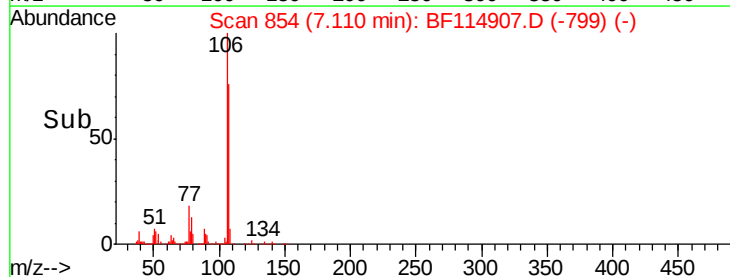
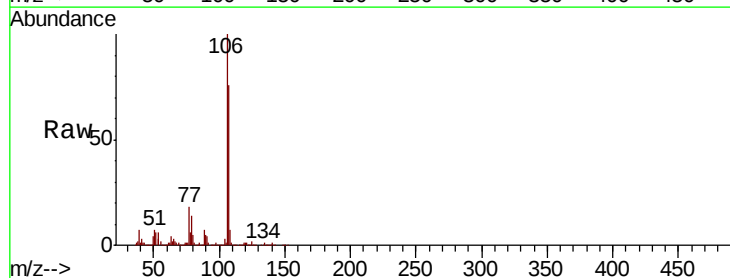
Instrument :
BNA_F
ClientSampleId :
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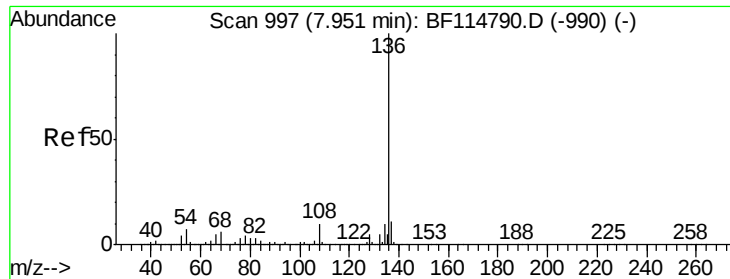
Tgt Ion:117 Resp: 206259
Ion Ratio Lower Upper
117 100
119 252.3 77.0 115.4#
201 0.0 76.0 114.0#



#20
3+4-Methylphenols
Concen: 58.940 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:107 Resp: 1232791
Ion Ratio Lower Upper
107 100
108 9.3 73.5 113.5#
77 23.9 67.2 107.2#
79 17.7 10.6 50.6

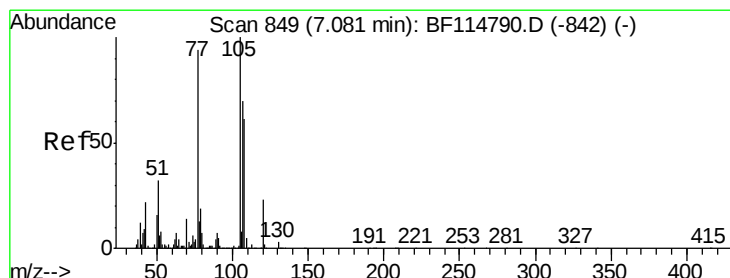
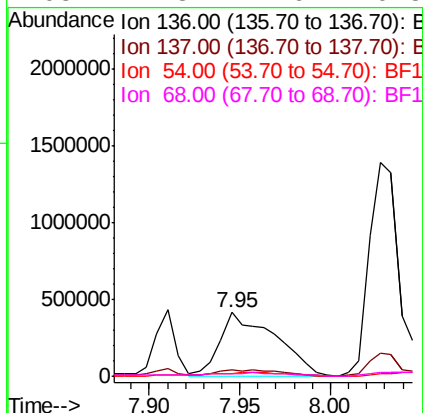
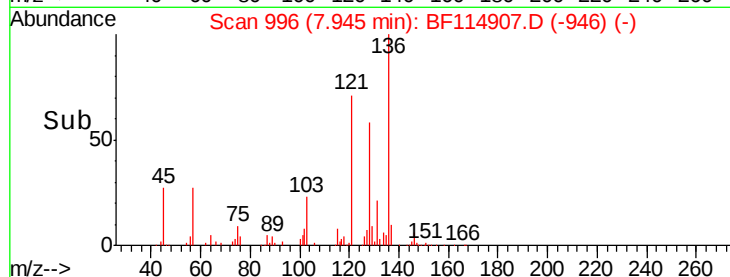
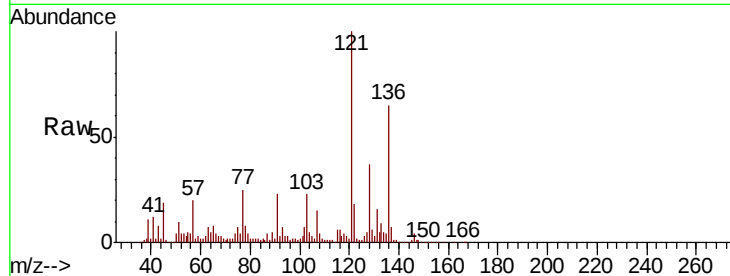




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

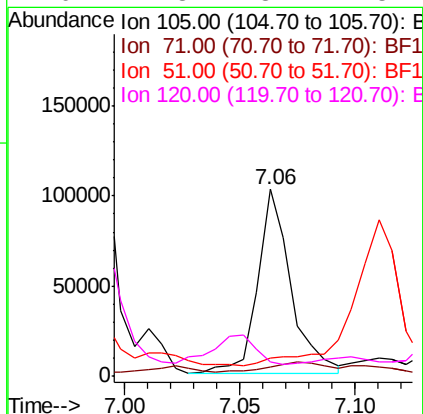
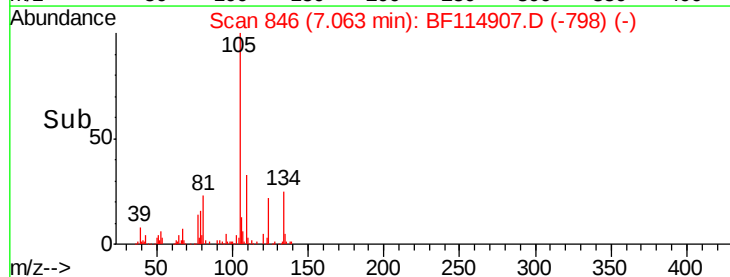
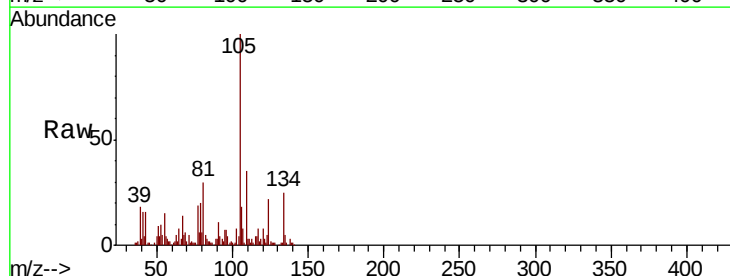
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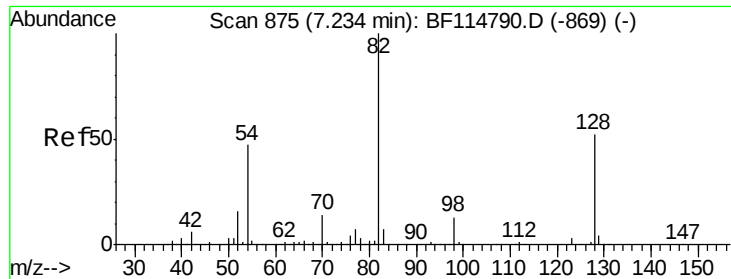
Tgt Ion:	136	Resp:	880760
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	4.6	5.4	8.0#
68	4.3	4.6	6.8#



#22
Acetophenone
Concen: 5.277 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:	105	Resp:	102324
Ion	Ratio	Lower	Upper
105	100		
71	4.5	2.0	3.0#
51	9.3	25.4	38.0#
120	7.8	18.7	28.1#

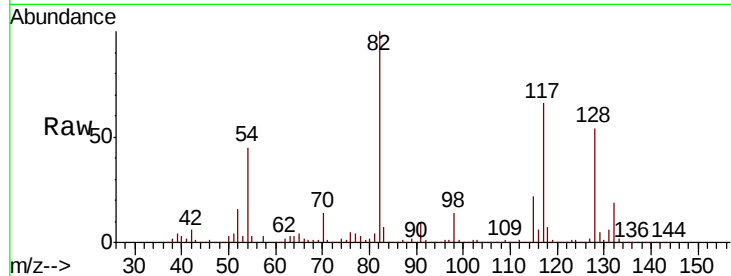




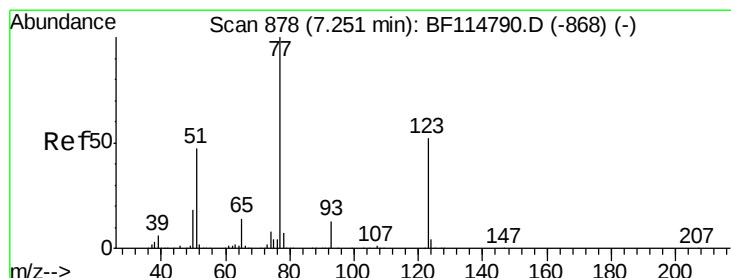
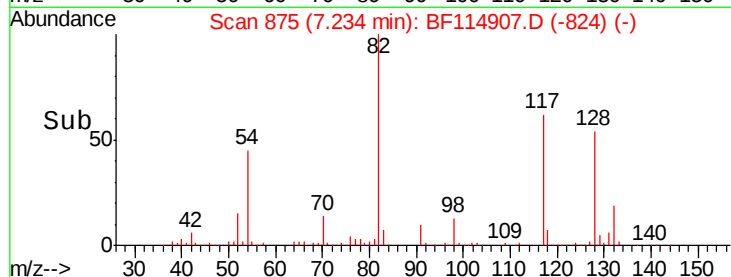
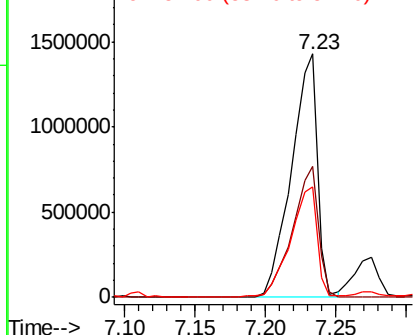
#23
 Nitrobenzene-d5
 Concen: 127.677 ng
 RT: 7.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

Tgt Ion: 82 Resp: 1826767
 Ion Ratio Lower Upper
 82 100
 128 53.8 41.8 62.6
 54 45.3 37.9 56.9

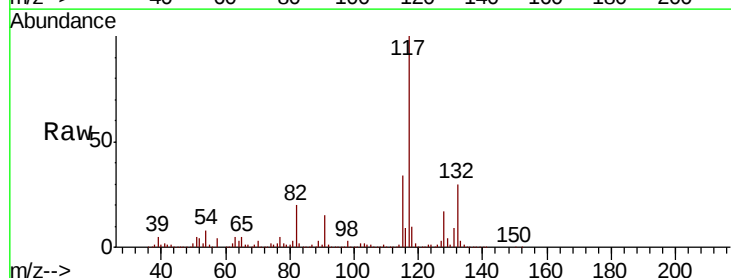


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

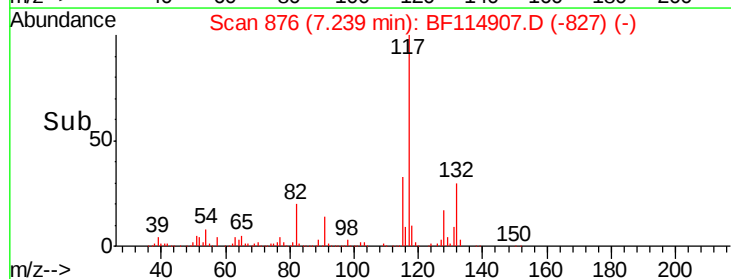
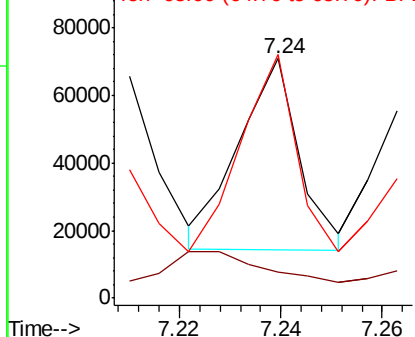


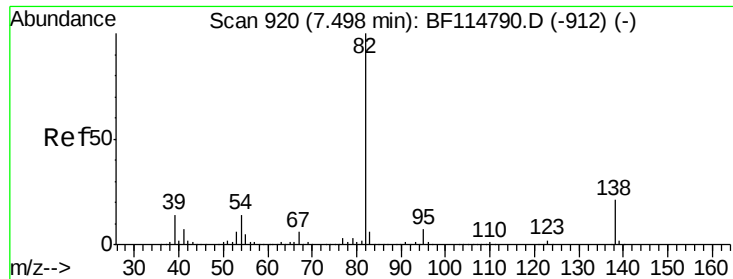
#24
 Nitrobenzene
 Concen: 3.195 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

Tgt Ion: 77 Resp: 47353
 Ion Ratio Lower Upper
 77 100
 123 10.7 41.5 62.3#
 65 101.8 10.8 16.2#



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: 10.108 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.22 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

Instrument :

BNA_F

ClientSampleId :

MW-4A

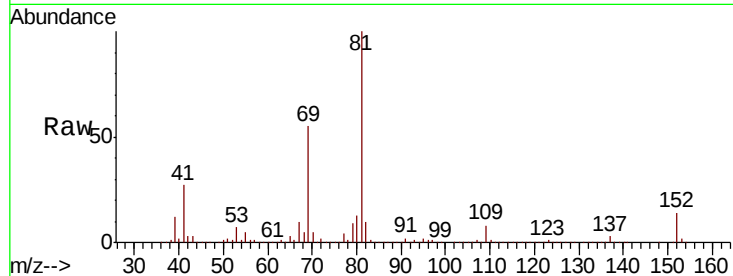
Tgt Ion: 82 Resp: 285912

Ion Ratio Lower Upper

82 100

95 19.6 5.8 8.8#

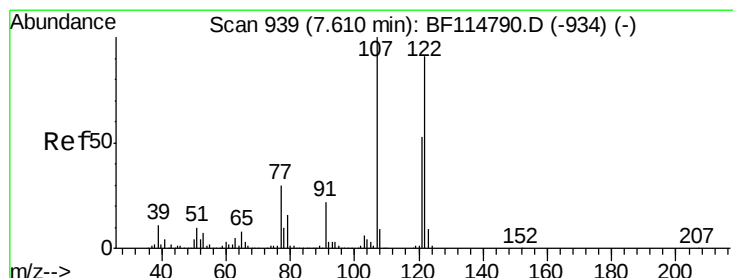
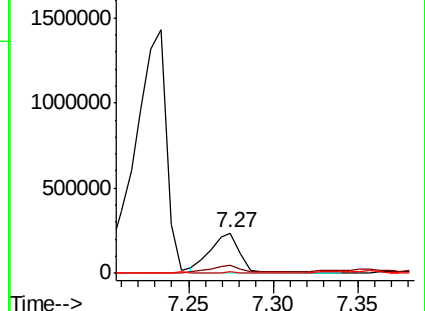
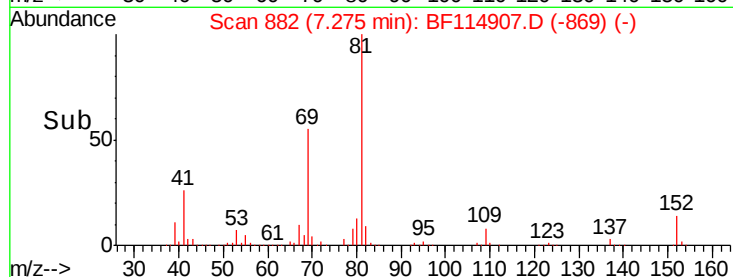
138 2.8 16.9 25.3#



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: 9.793 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

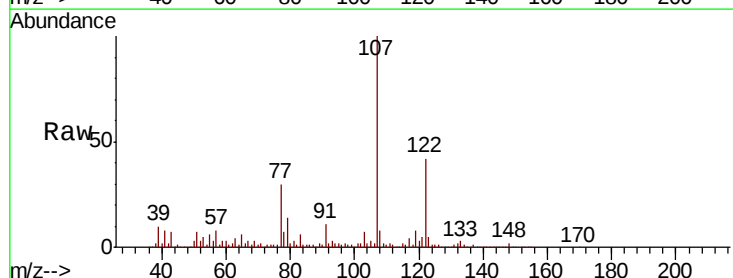
Tgt Ion: 122 Resp: 119488

Ion Ratio Lower Upper

122 100

107 238.5 87.9 131.9#

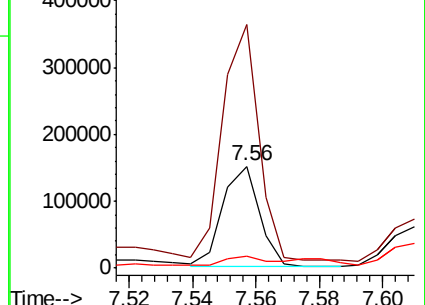
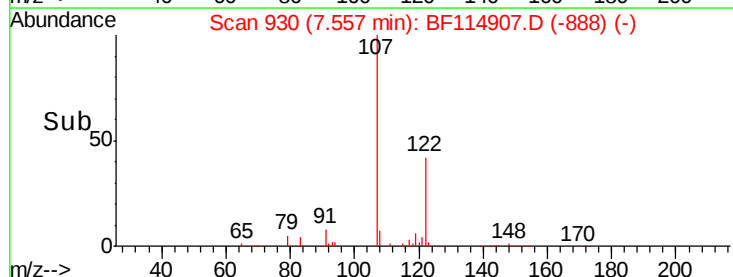
121 11.2 46.4 69.6#

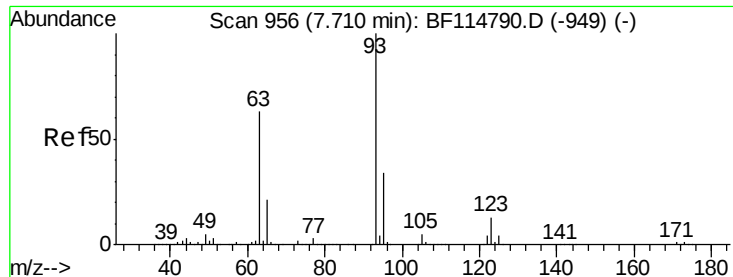


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

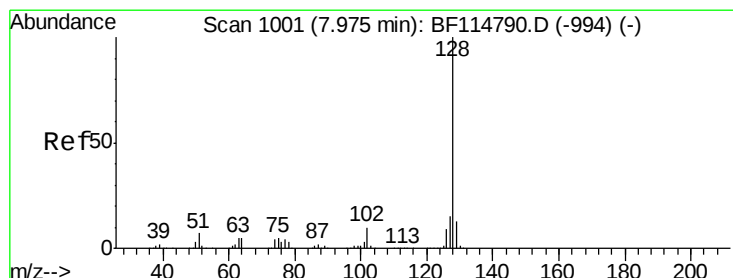
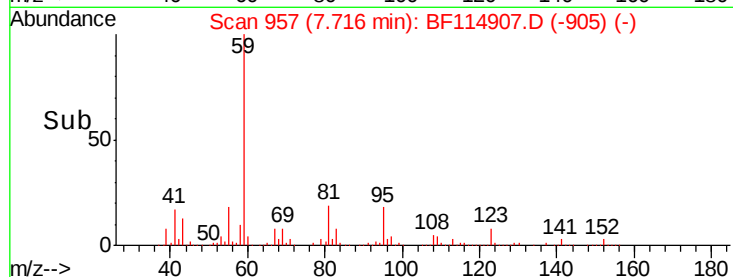
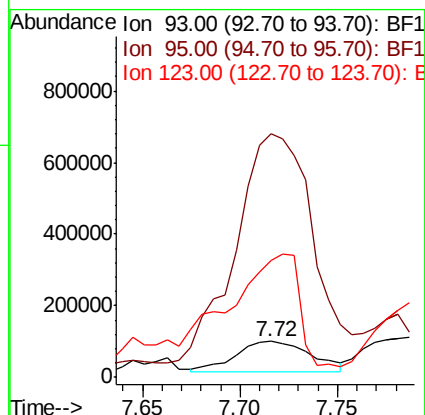
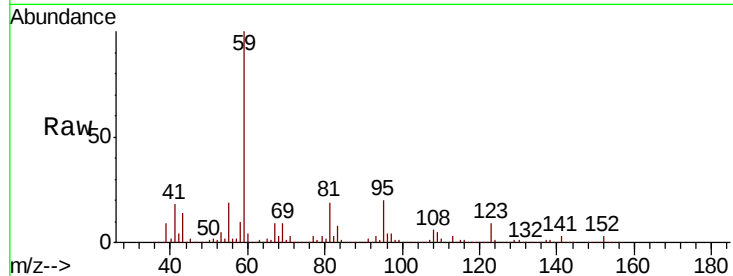




#28
bis(2-Chloroethoxy)methane
Concen: 12.830 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

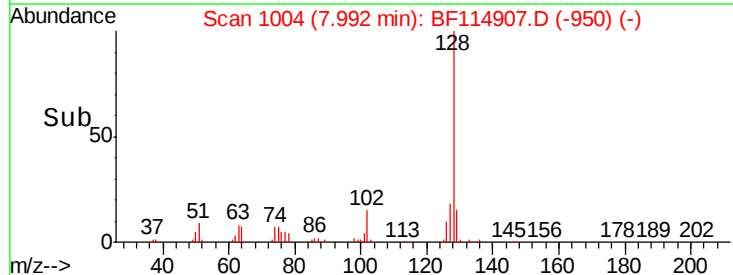
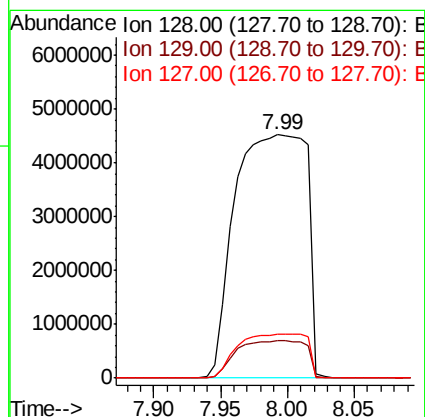
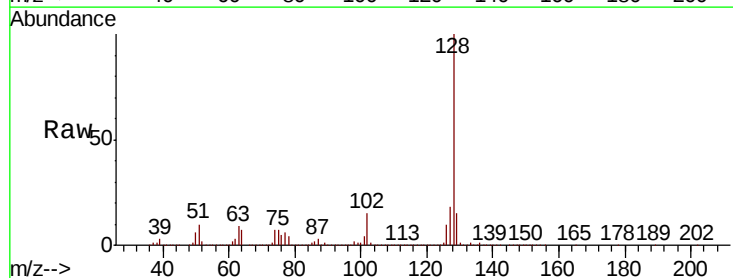
Instrument :
BNA_F
ClientSampleId :
MW-4A

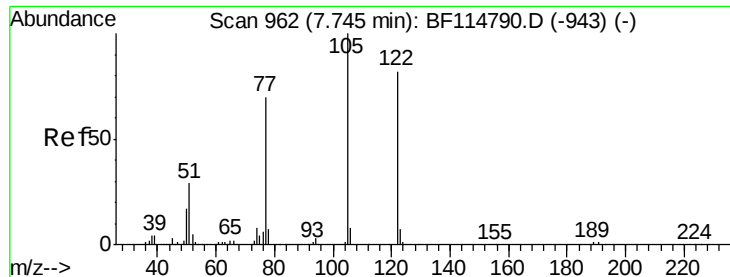
Tgt Ion: 93 Resp: 231982
Ion Ratio Lower Upper
93 100
95 682.0 26.9 40.3#
123 328.6 10.4 15.6#



#31
Naphthalene
Concen: 425.756 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion: 128 Resp: 16882094
Ion Ratio Lower Upper
128 100
129 15.3 10.0 15.0#
127 18.1 12.2 18.2





#32

Benzoic acid

Concen: 377.202 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.04 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

Instrument :

BNA_F

ClientSampleId :

MW-4A

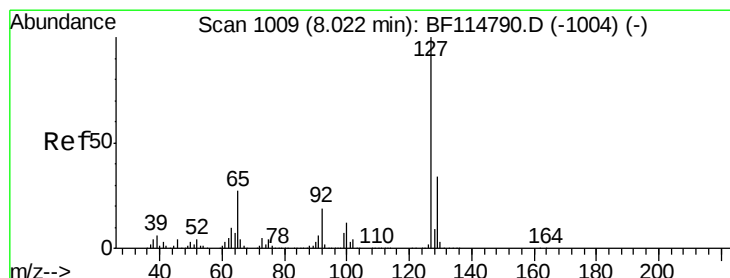
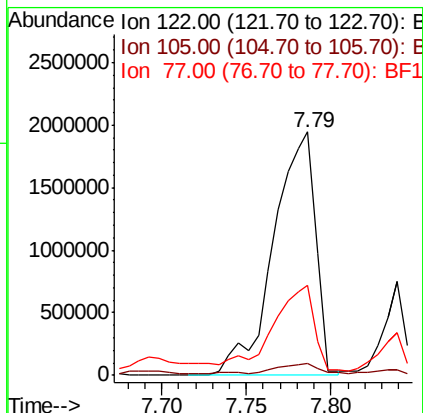
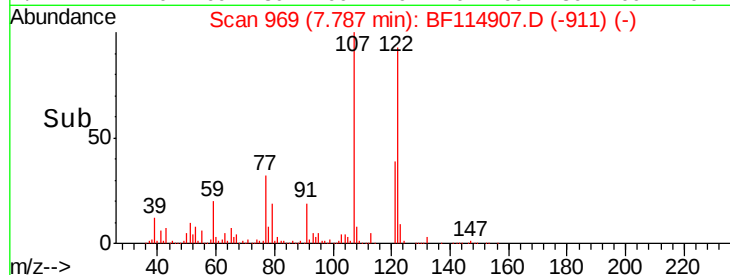
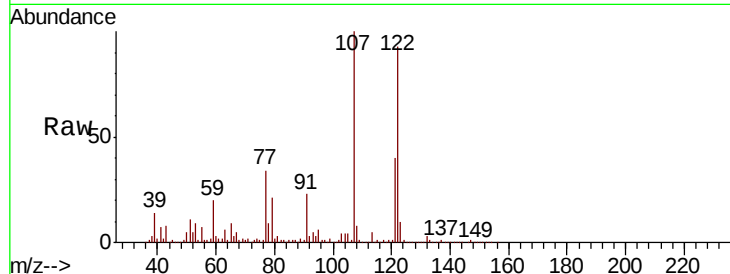
Tgt Ion:122 Resp: 3352186

Ion Ratio Lower Upper

122 100

105 4.7 98.7 138.7#

77 37.0 64.8 104.8#



#33

4-Chloroaniline

Concen: 155.119 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

Tgt Ion:127 Resp: 2934290

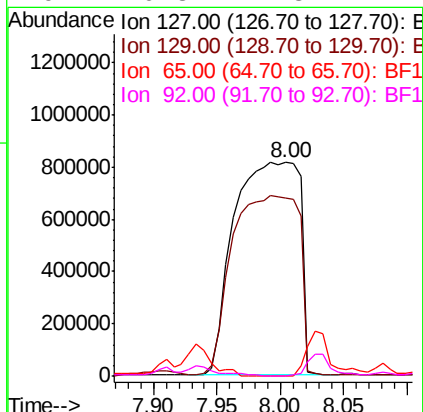
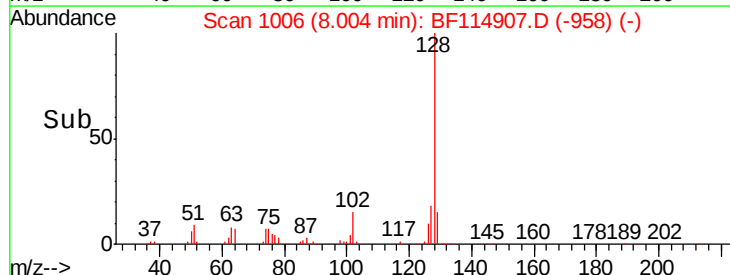
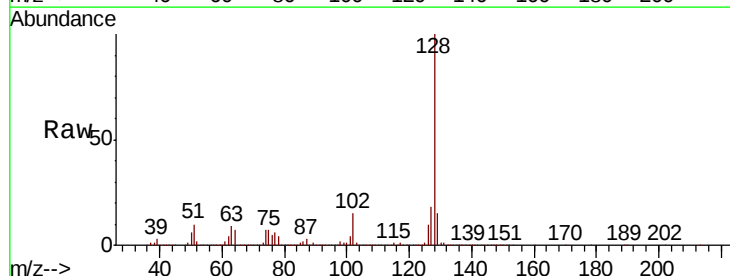
Ion Ratio Lower Upper

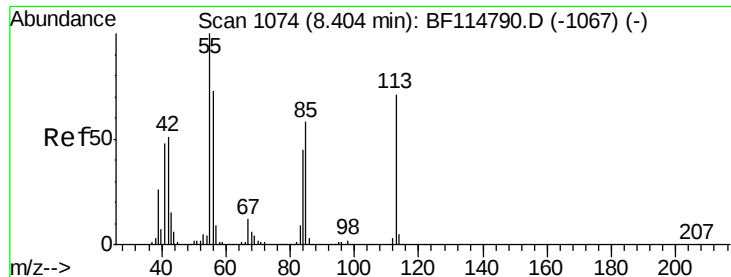
127 100

129 83.1 26.9 40.3#

65 0.0 21.7 32.5#

92 0.3 14.8 22.2#





#35

Caprolactam

Concen: 2.985 ng

RT: 8.38 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

Instrument :

BNA_F

ClientSampleId :

MW-4A

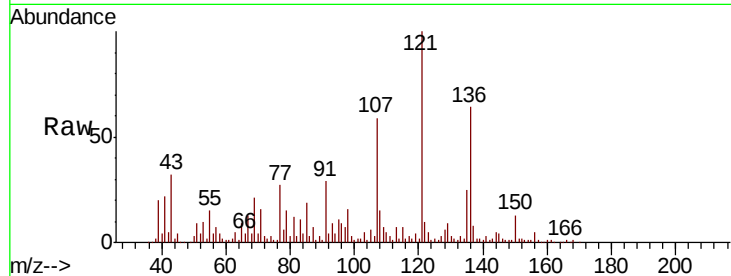
Tgt Ion:113 Resp: 12517

Ion Ratio Lower Upper

113 100

55 228.1 121.1 161.1#

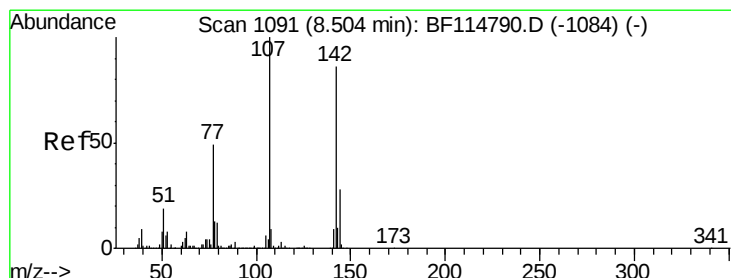
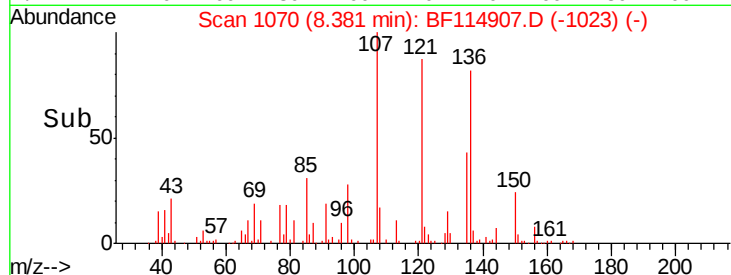
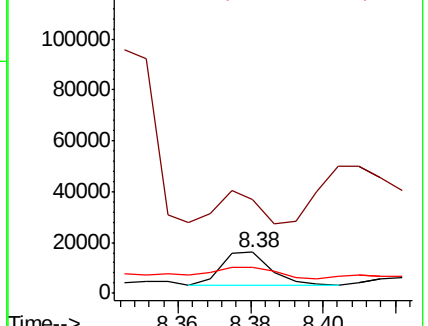
56 62.5 82.6 122.6#



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: 42.715 ng

RT: 8.46 min Scan# 1083

Delta R.T. -0.05 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

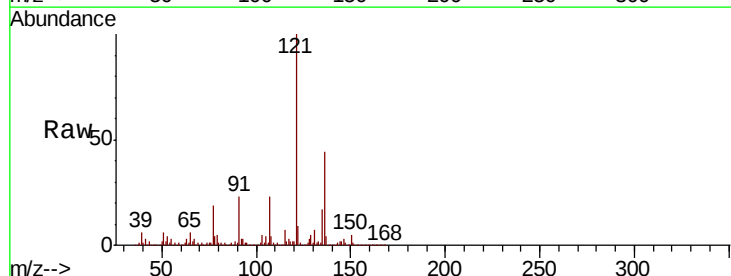
Tgt Ion:107 Resp: 545645

Ion Ratio Lower Upper

107 100

144 9.3 22.1 33.1#

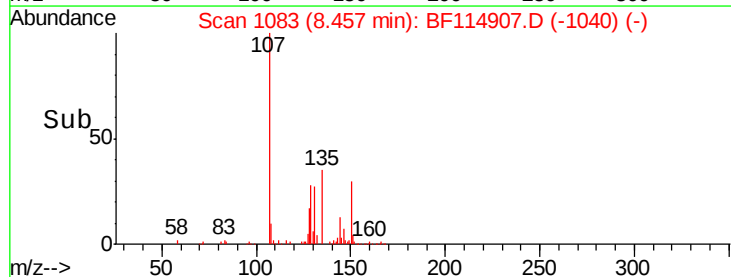
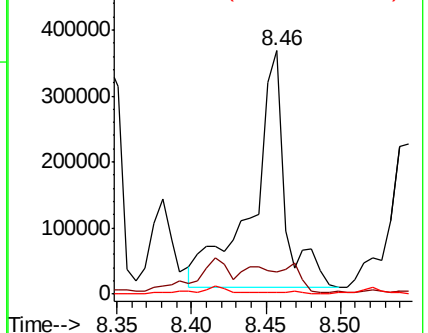
142 0.7 68.4 102.6#

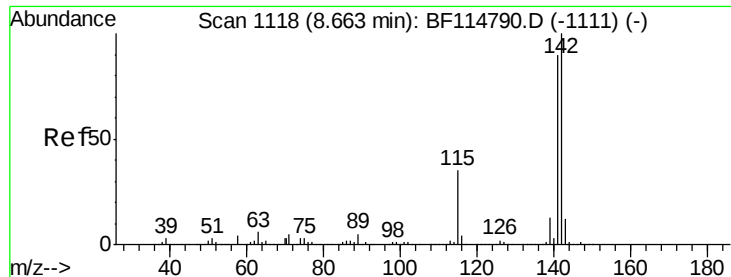


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

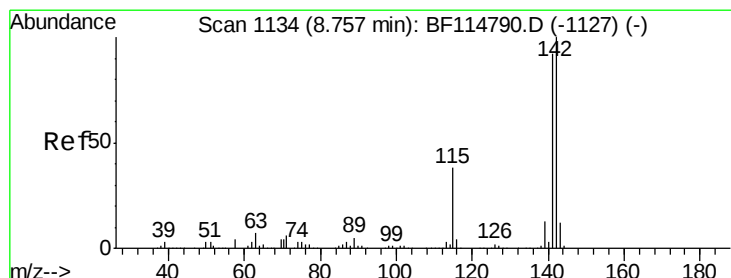
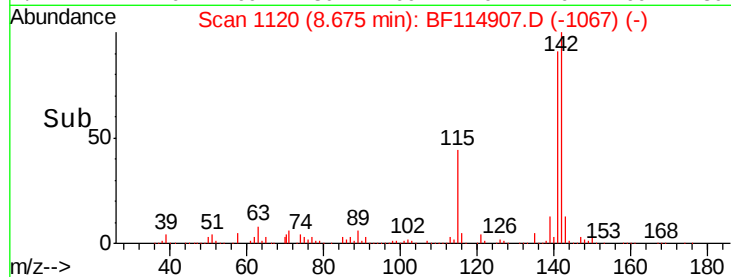
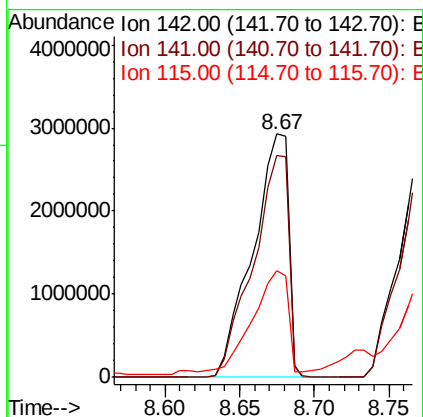
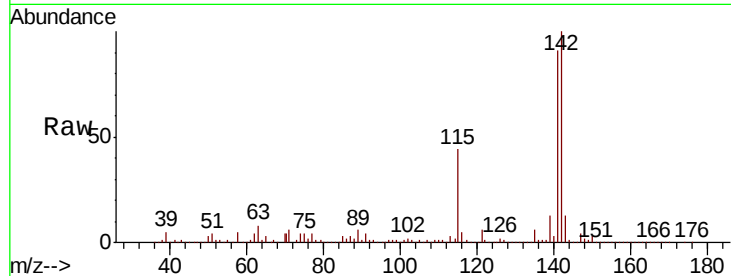




#37
 2-Methylnaphthalene
 Concen: 176.375 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.01 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

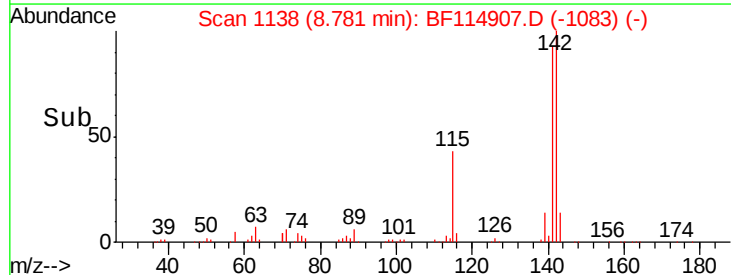
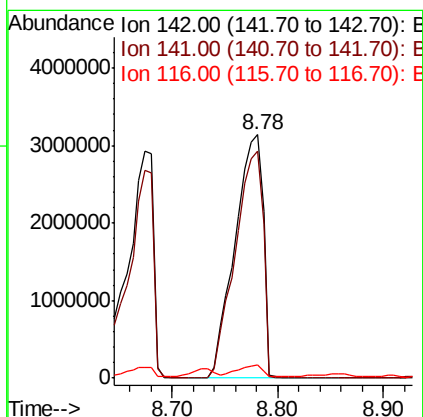
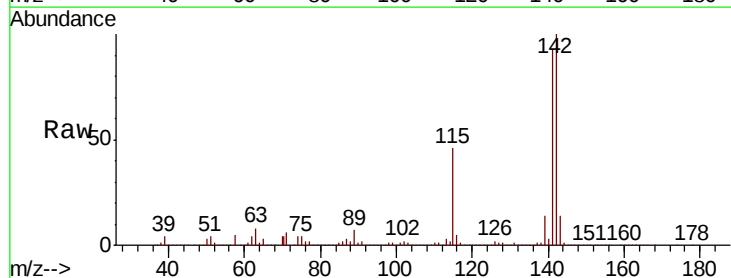
Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

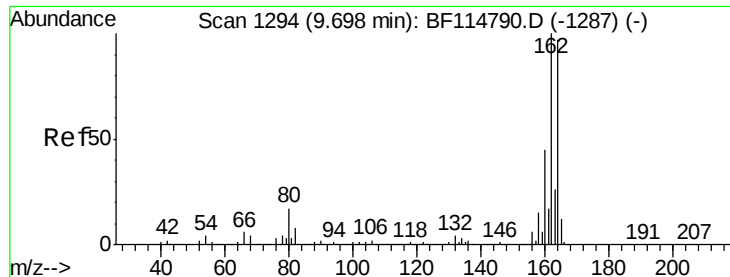
Tgt Ion:142 Resp: 4850887
 Ion Ratio Lower Upper
 142 100
 141 91.4 71.6 107.4
 115 44.0 28.2 42.4#



#38
 1-Methylnaphthalene
 Concen: 223.208 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.02 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

Tgt Ion:142 Resp: 5821777
 Ion Ratio Lower Upper
 142 100
 141 93.0 73.8 110.6
 116 5.2 3.3 4.9#

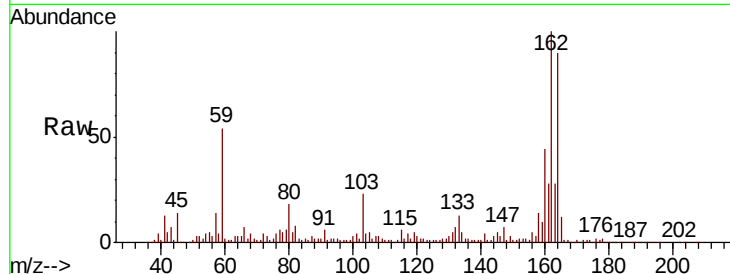




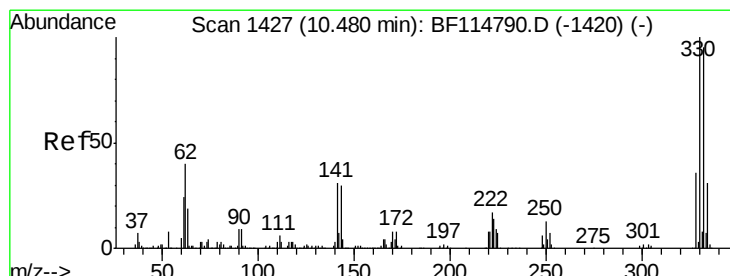
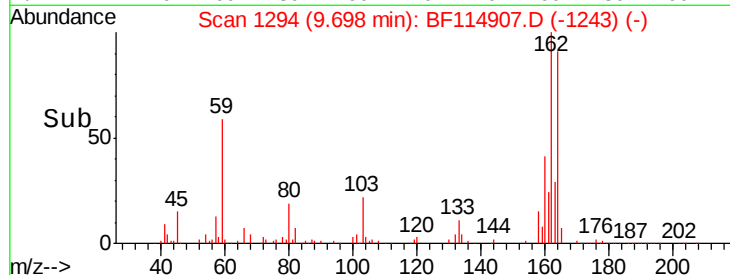
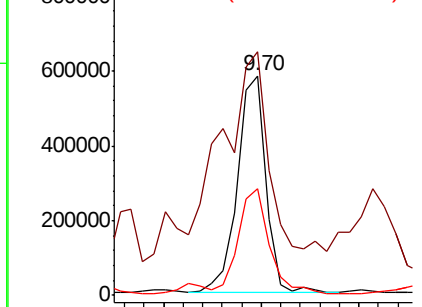
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.9	82.3	123.5
160	48.7	36.7	55.1

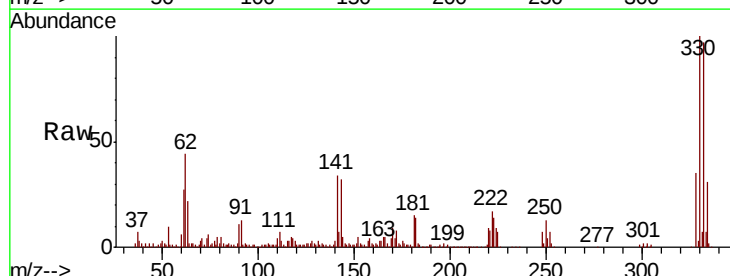


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

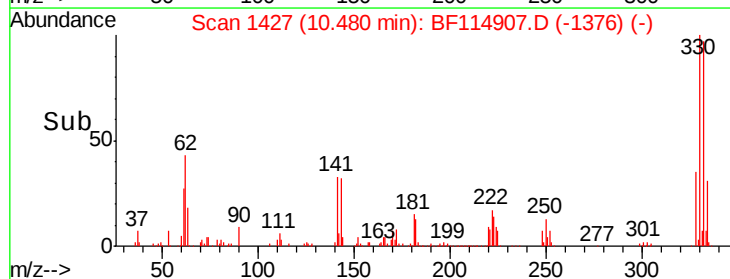
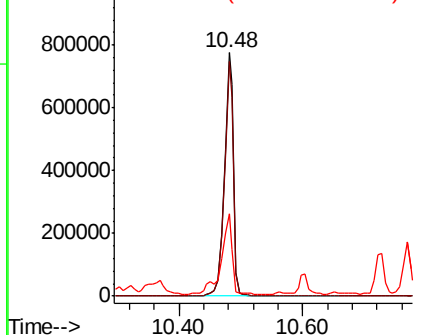


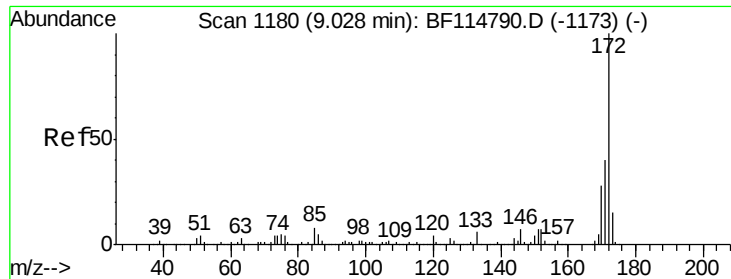
#42
 2,4,6-Tribromophenol
 Concen: 128.418 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	38.7	26.2	39.4



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

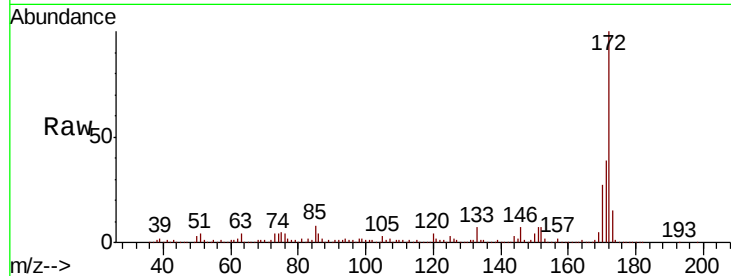




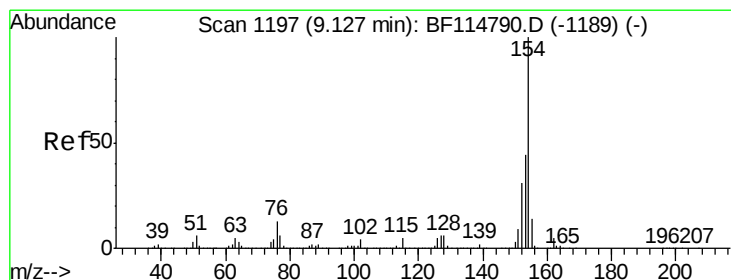
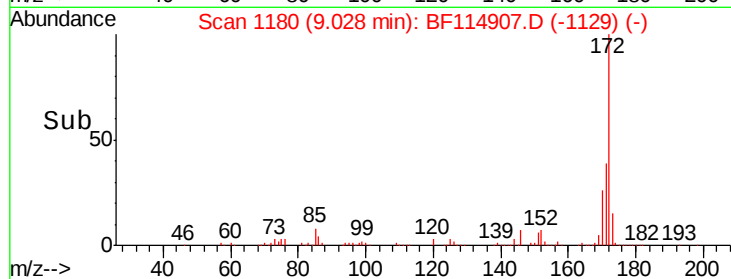
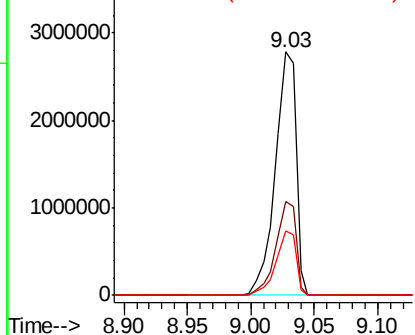
#45
2-Fluorobiphenyl
Concen: 100.357 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:172 Resp: 3156693
Ion Ratio Lower Upper
172 100
171 38.7 32.3 48.5
170 26.5 22.4 33.6

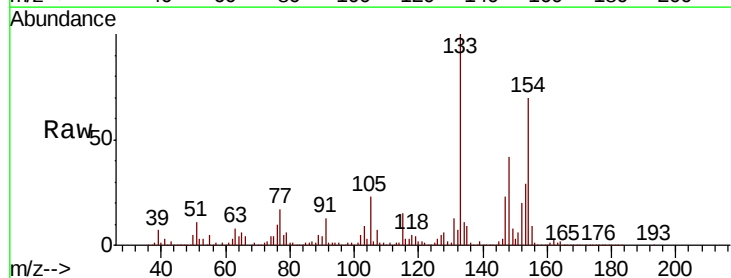


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

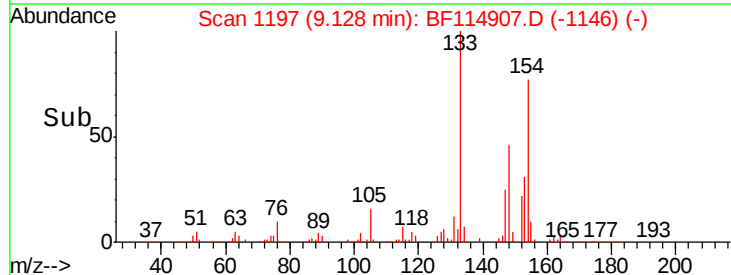
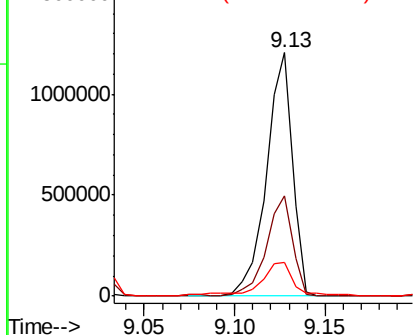


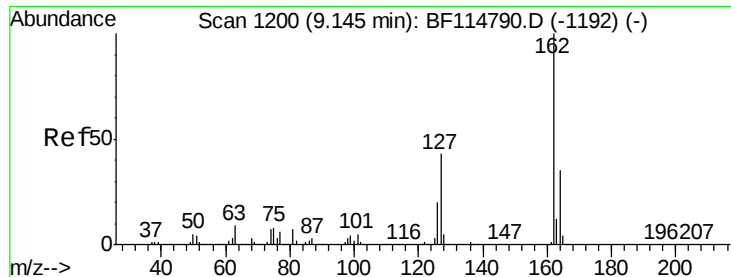
#46
1,1'-Biphenyl
Concen: 27.362 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:154 Resp: 1194947
Ion Ratio Lower Upper
154 100
153 40.9 23.9 63.9
76 14.1 0.0 33.2



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

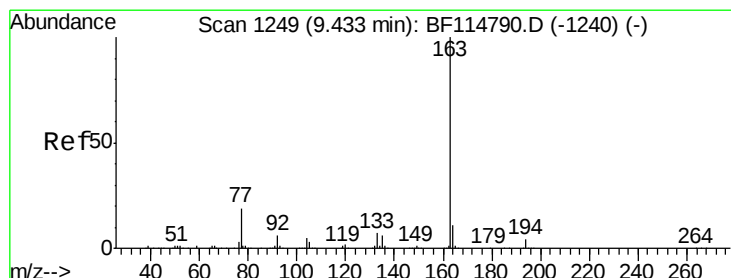
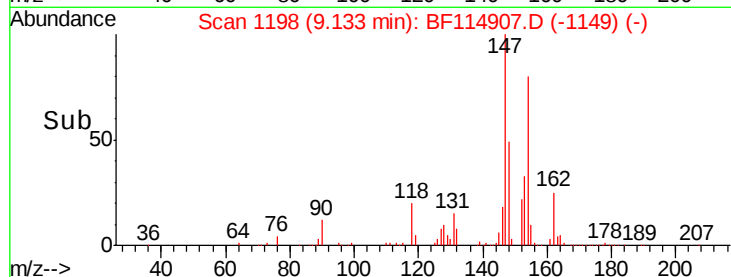
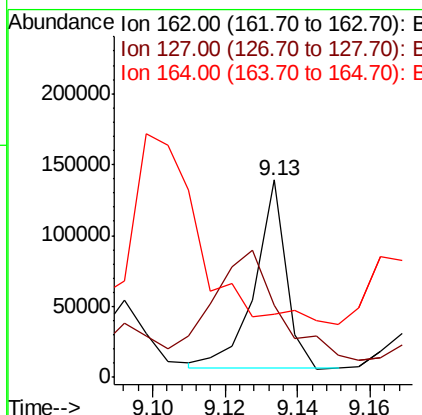
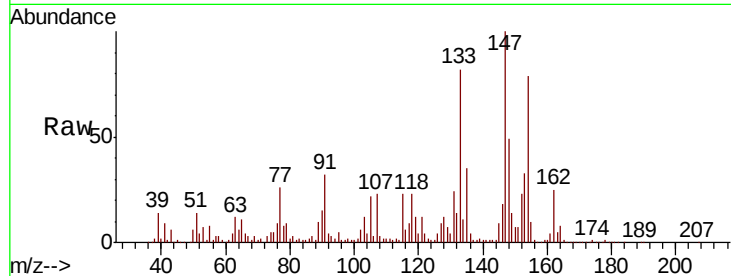




#47
 2-Chloronaphthalene
 Concen: 2.151 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

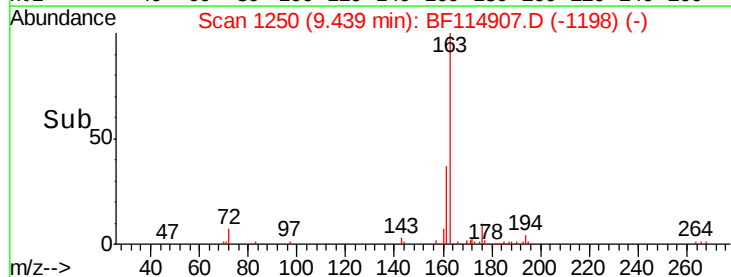
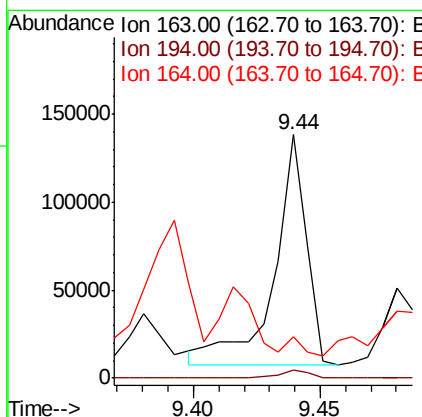
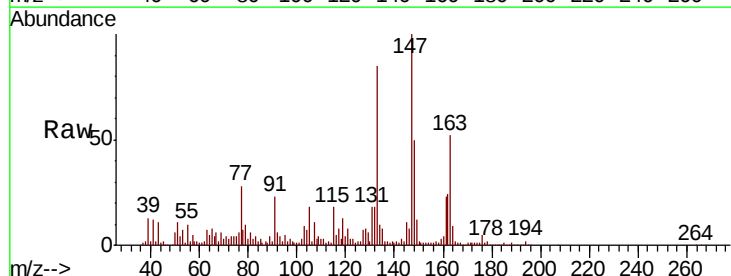
Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

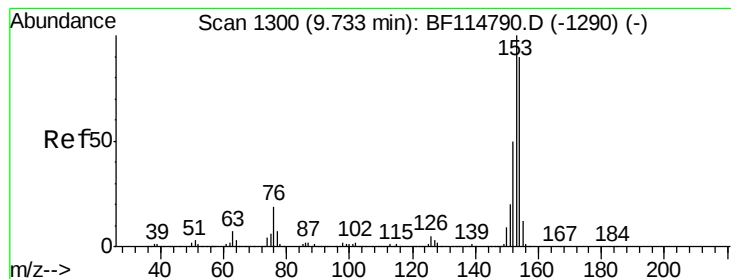
Tgt Ion:162 Resp: 79830
 Ion Ratio Lower Upper
 162 100
 127 36.3 34.6 51.8
 164 32.1 27.8 41.8



#50
 Dimethylphthalate
 Concen: 2.727 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

Tgt Ion:163 Resp: 117366
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.4 5.2
 164 17.2 8.6 13.0#





#52

Acenaphthene

Concen: 61.963 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

Instrument :

BNA_F

ClientSampleId :

MW-4A

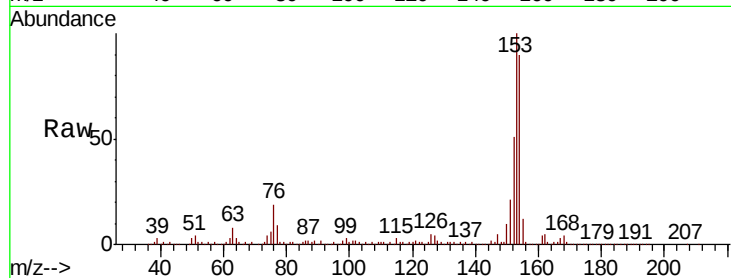
Tgt Ion:154 Resp: 2184275

Ion Ratio Lower Upper

154 100

153 111.3 88.5 132.7

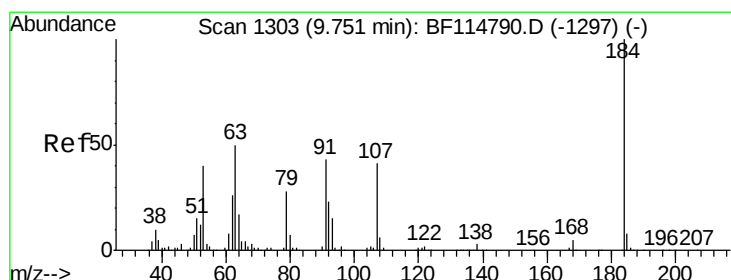
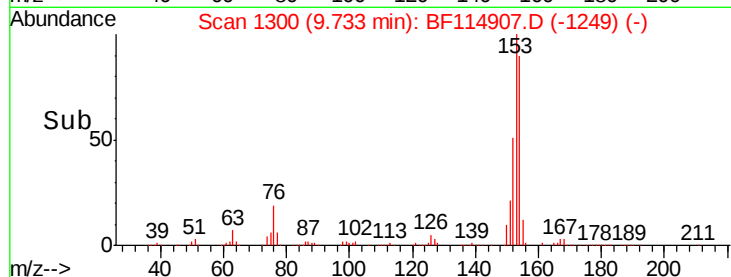
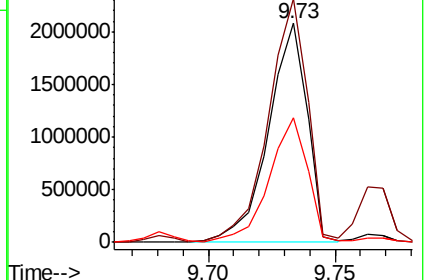
152 56.8 44.1 66.1



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

2,4-Dinitrophenol

Concen: 12.317 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.10 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

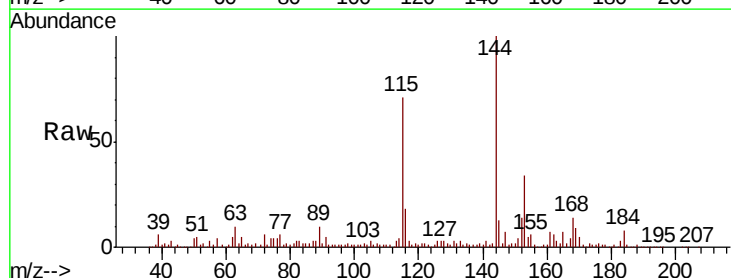
Tgt Ion:184 Resp: 56410

Ion Ratio Lower Upper

184 100

63 121.8 44.1 66.1#

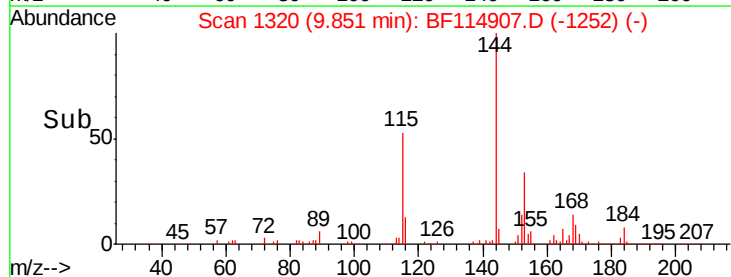
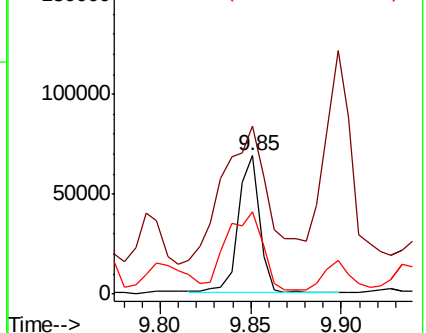
154 59.8 48.1 72.1

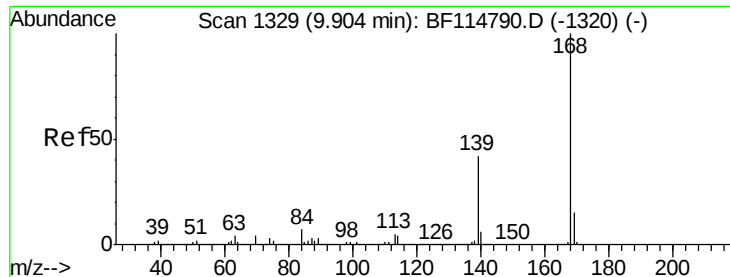


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

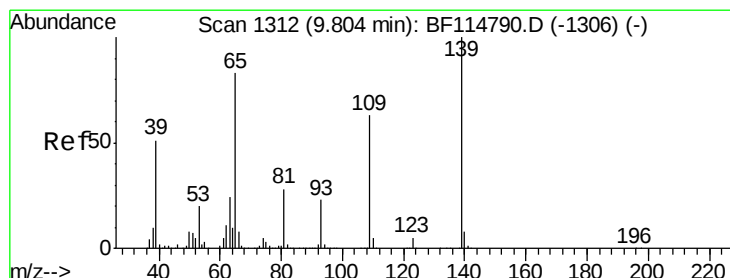
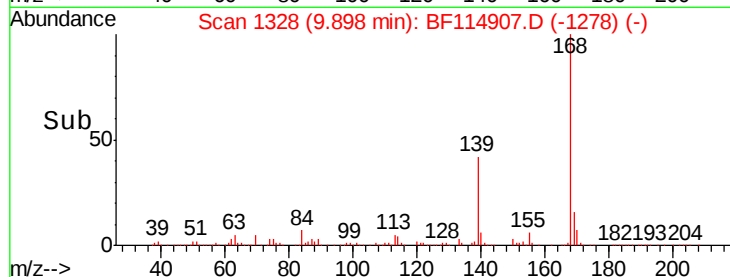
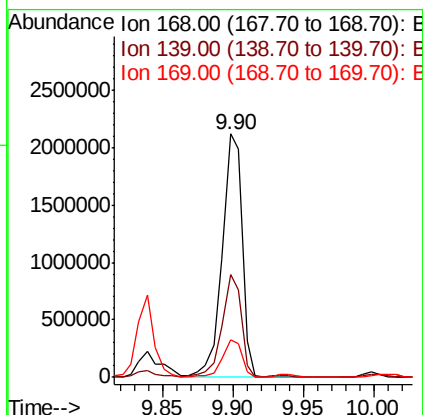
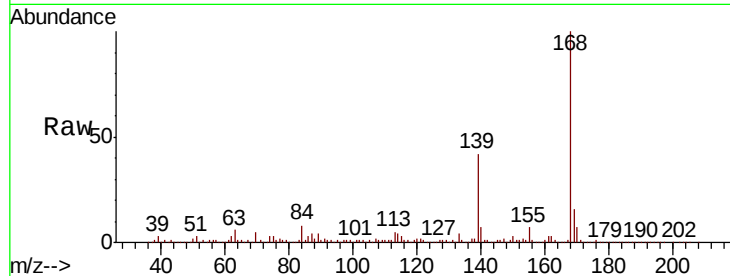




#55
Dibenzofuran
Concen: 42.506 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

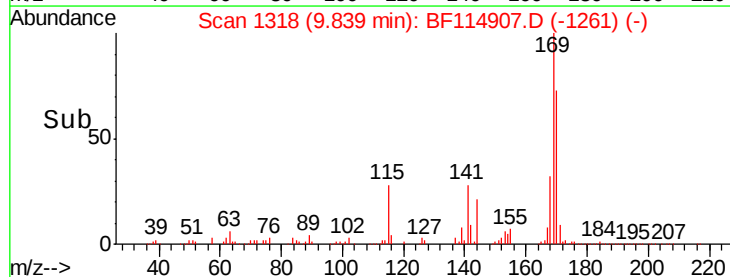
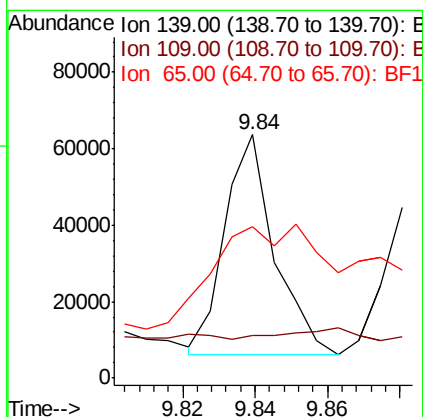
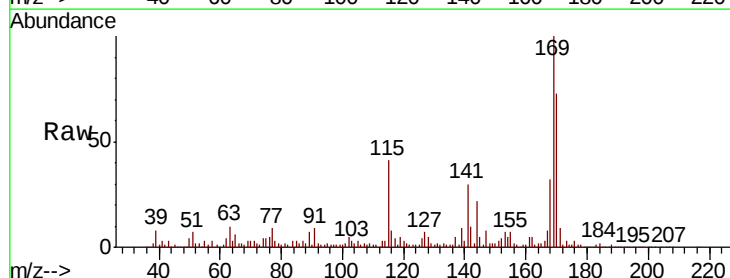
Instrument :
BNA_F
ClientSampled :
MW-4A

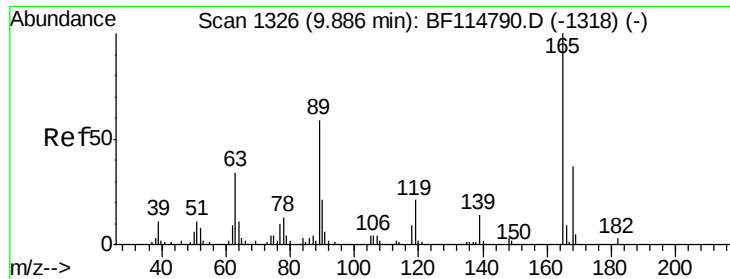
Tgt Ion:168 Resp: 2083593
Ion Ratio Lower Upper
168 100
139 42.0 33.8 50.6
169 15.6 11.9 17.9



#56
4-Nitrophenol
Concen: 6.365 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.04 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:139 Resp: 55140
Ion Ratio Lower Upper
139 100
109 17.7 43.5 83.5#
65 62.2 63.2 103.2#

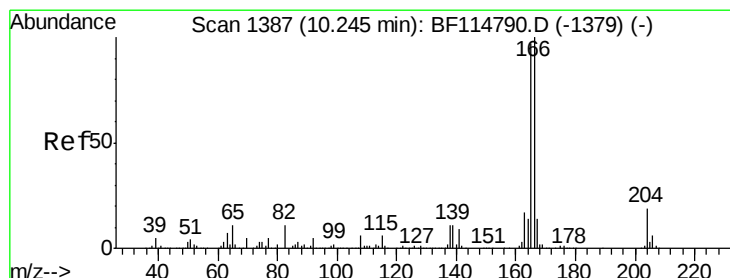
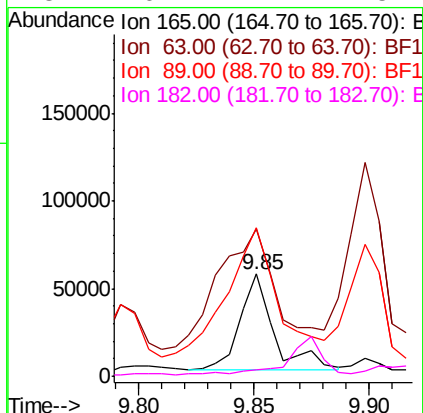
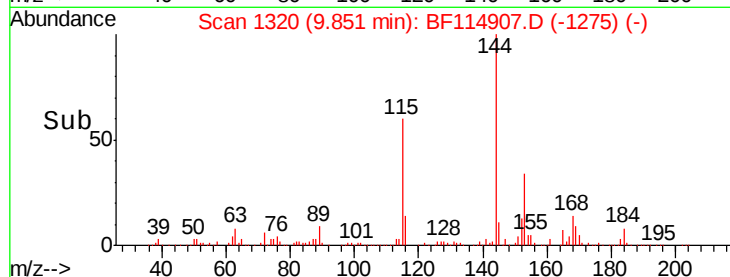
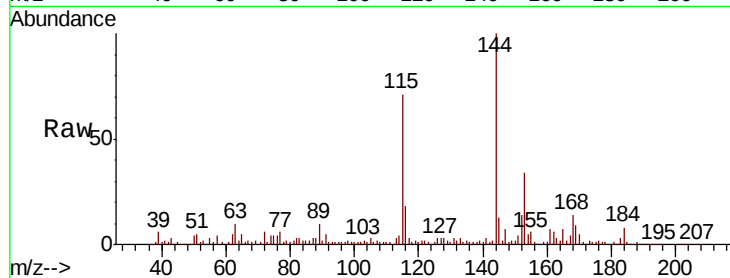




#57
 2,4-Dinitrotoluene
 Concen: 4.357 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

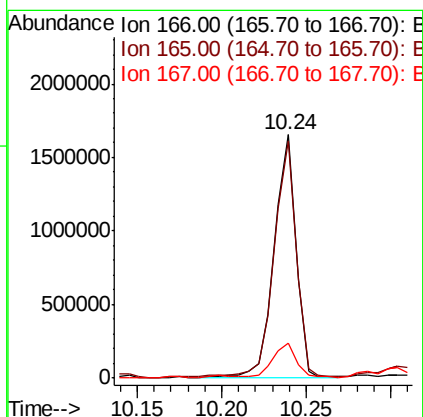
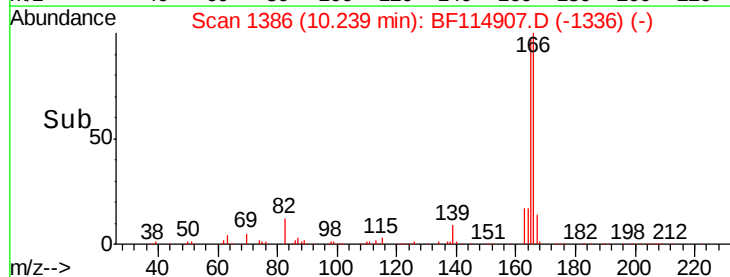
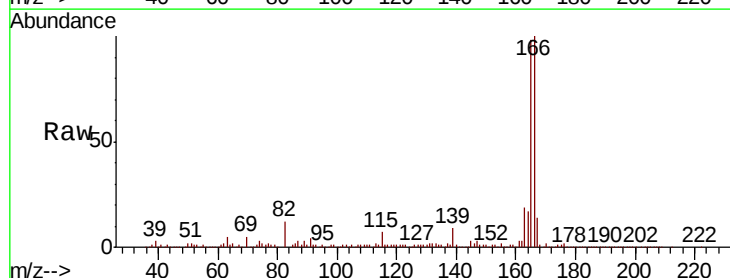
Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

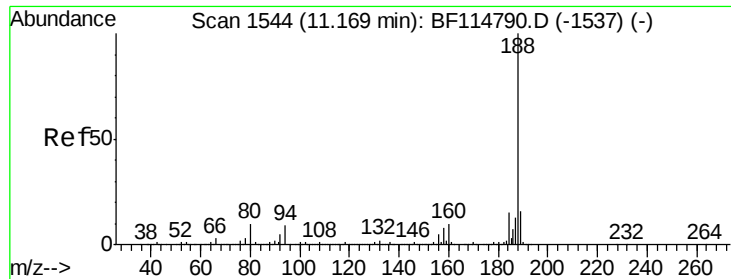
Tgt Ion	Ratio	Lower	Upper
165	100		
63	144.2	27.0	40.4#
89	145.5	47.0	70.6#
182	6.7	2.2	3.2#



#58
 Fluorene
 Concen: 47.017 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	14.4	11.3	16.9

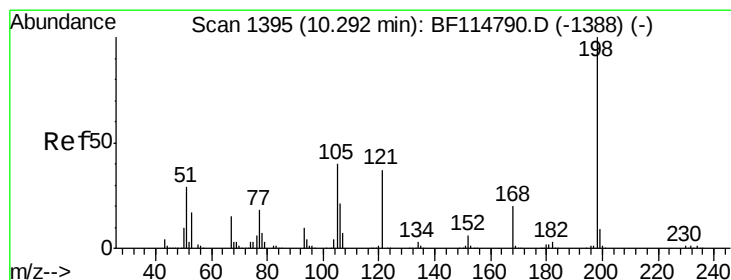
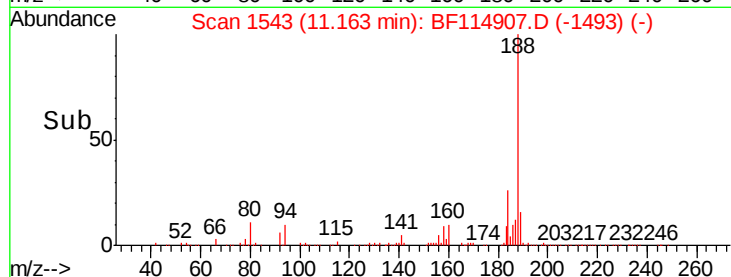
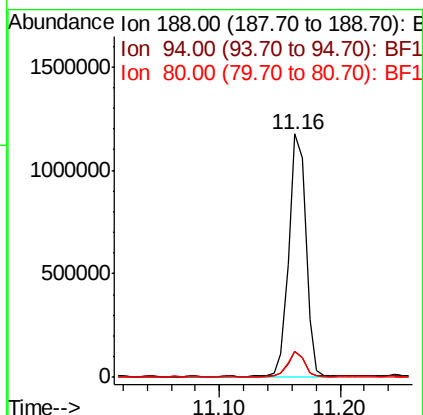
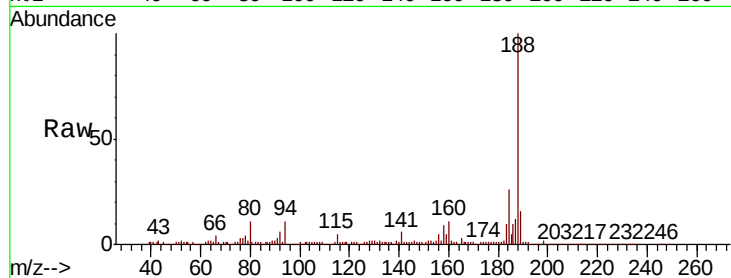




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

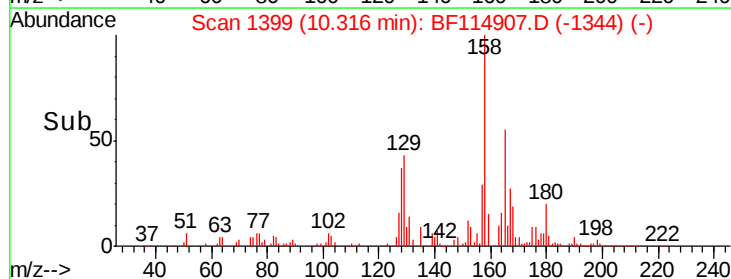
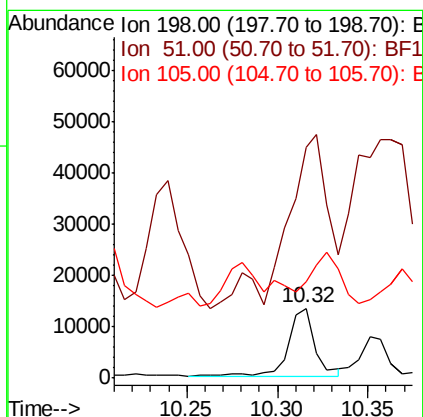
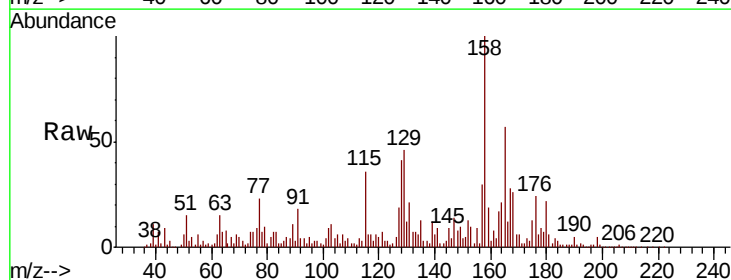
Instrument :
BNA_F
ClientSampleId :
MW-4A

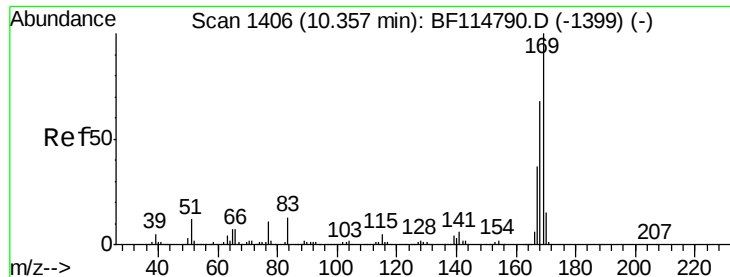
Tgt Ion:188 Resp: 1139836
Ion Ratio Lower Upper
188 100
94 10.7 7.6 11.4
80 10.8 8.3 12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 2.247 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:198 Resp: 13303
Ion Ratio Lower Upper
198 100
51 329.9 14.9 54.9#
105 137.8 21.0 61.0#

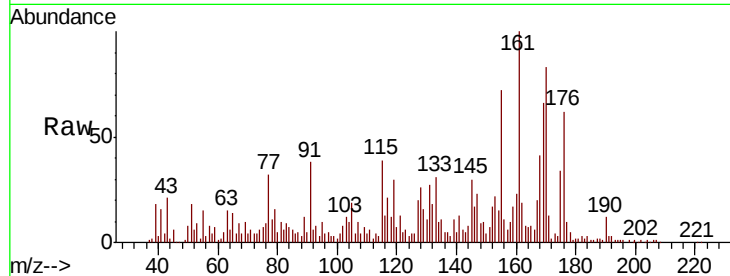




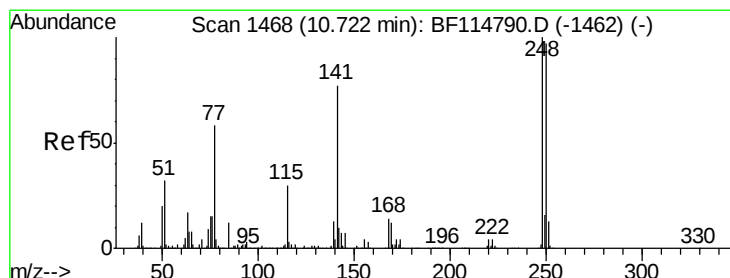
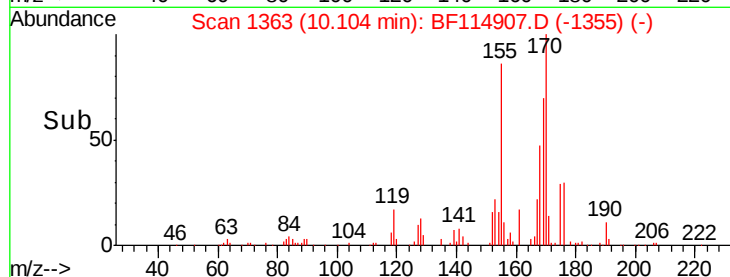
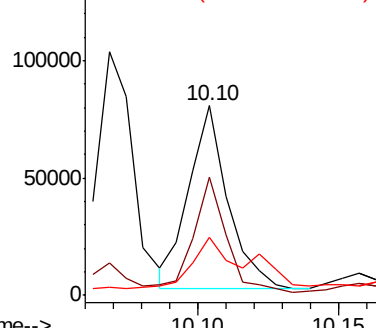
#66
 n-Nitrosodiphenylamine
 Concen: 2.181 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.25 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

Tgt Ion:169 Resp: 75163
 Ion Ratio Lower Upper
 169 100
 168 62.4 54.3 81.5
 167 30.7 29.9 44.9

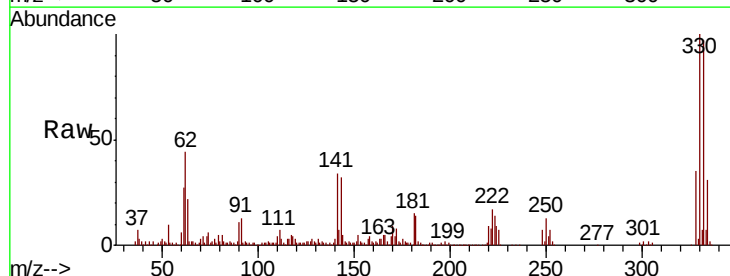


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

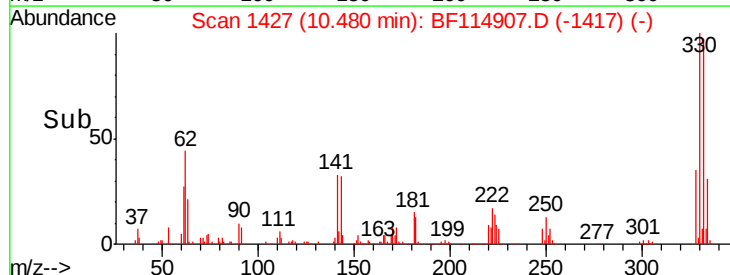
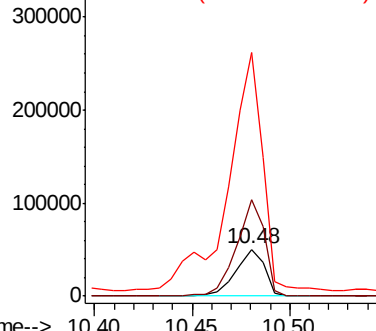


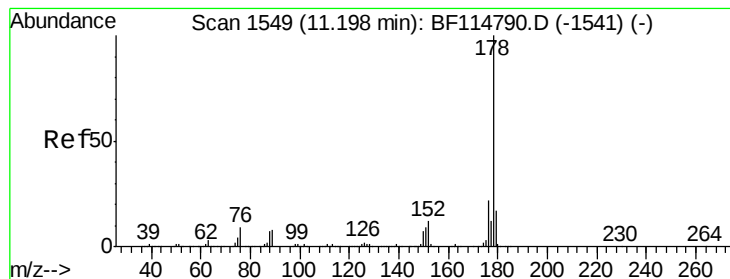
#67
 4-Bromophenyl-phenylether
 Concen: 3.959 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.24 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

Tgt Ion:248 Resp: 51252
 Ion Ratio Lower Upper
 248 100
 250 205.1 77.5 116.3#
 141 518.7 61.8 92.8#



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





#71

Phenanthrene

Concen: 28.594 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

Instrument :

BNA_F

ClientSampleId :

MW-4A

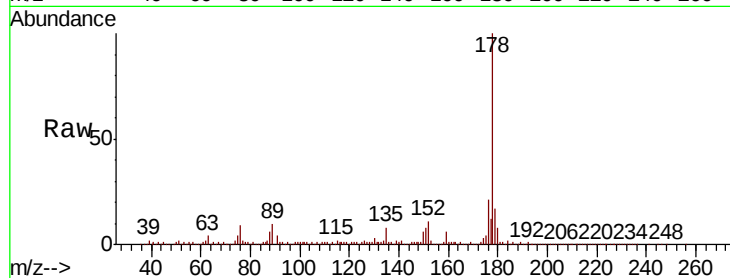
Tgt Ion:178 Resp: 1555915

Ion Ratio Lower Upper

178 100

176 21.0 17.7 26.5

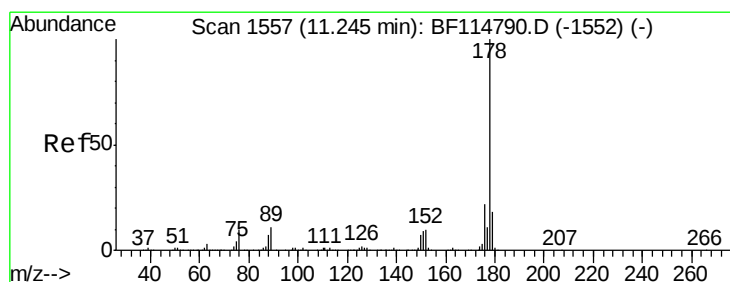
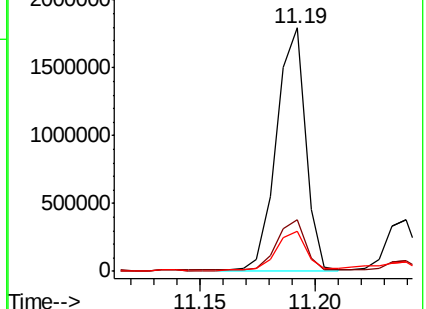
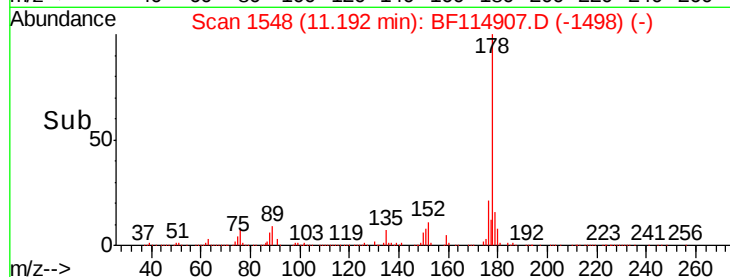
179 16.7 13.7 20.5



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

Anthracene

Concen: 5.711 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114907.D

Acq: 7 Jun 2019 23:12

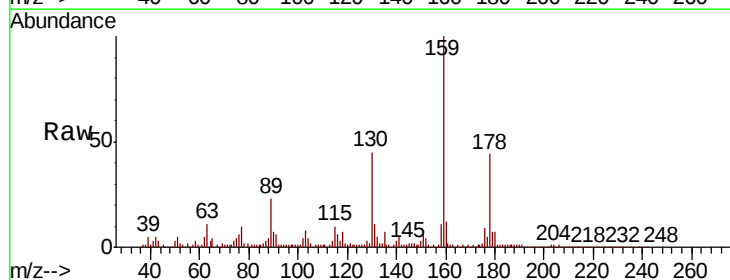
Tgt Ion:178 Resp: 327048

Ion Ratio Lower Upper

178 100

176 19.9 17.4 26.0

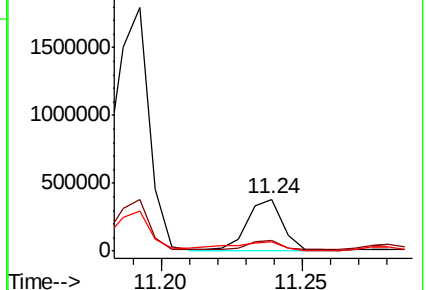
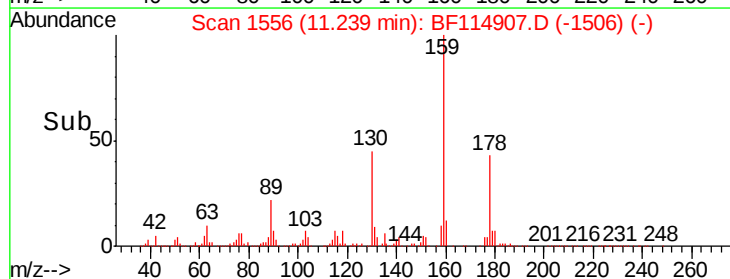
179 17.0 14.2 21.4

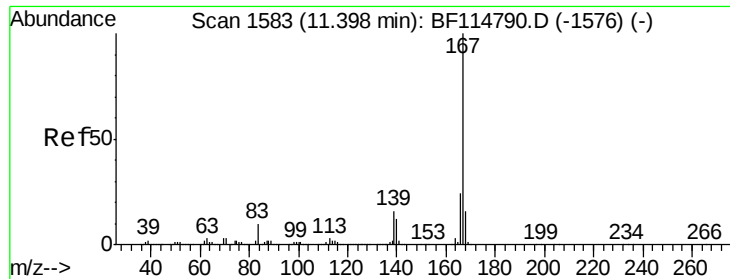


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

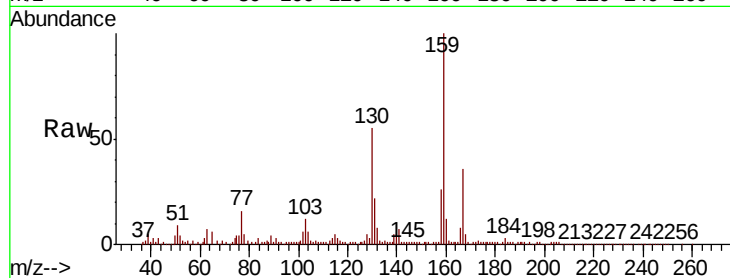




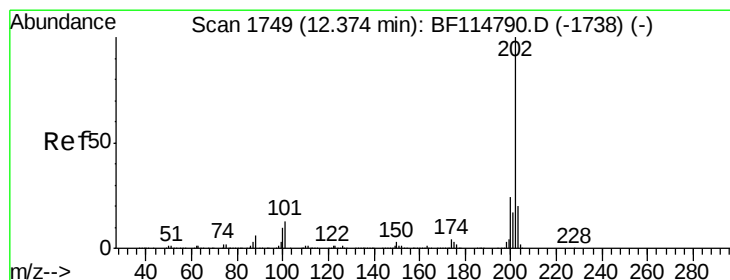
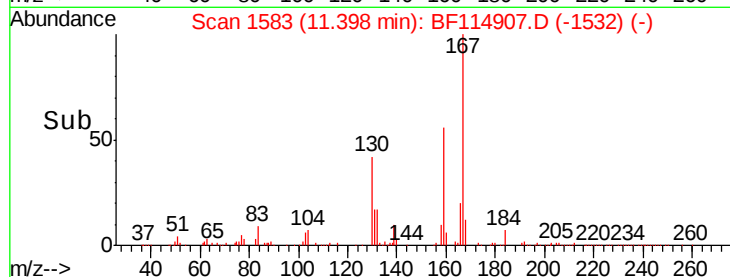
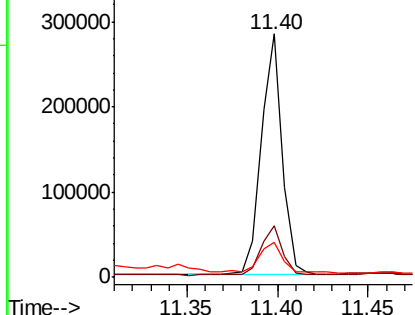
#73
 Carbazole
 Concen: 4.636 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.1	28.7
139	14.3	12.4	18.6

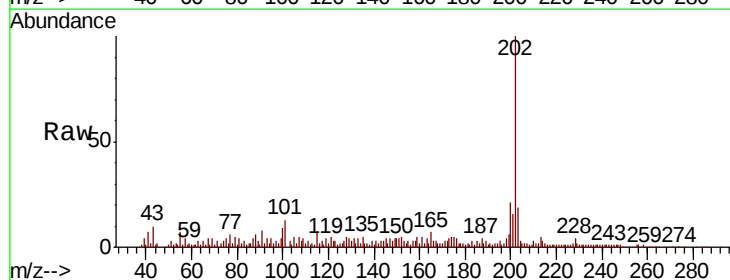


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

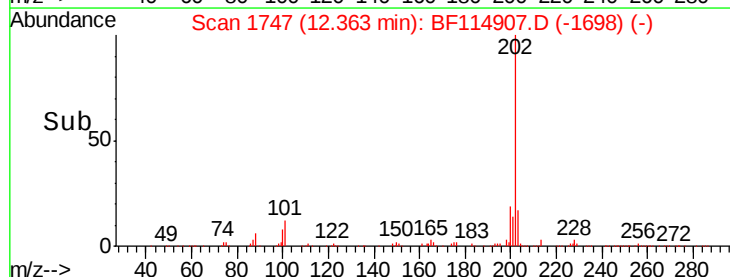
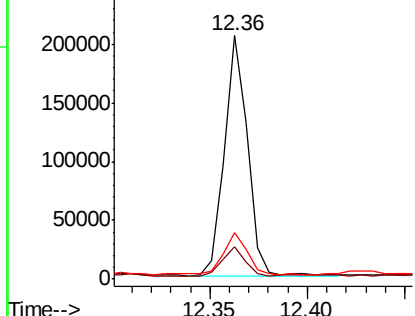


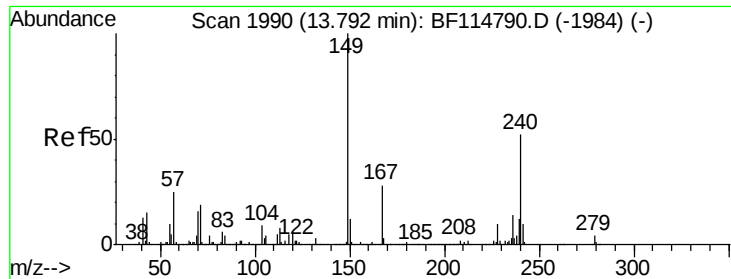
#75
 Fluoranthene
 Concen: 2.940 ng
 RT: 12.36 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BF114907.D
 Acq: 7 Jun 2019 23:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.8
203	18.9	0.2	40.2



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

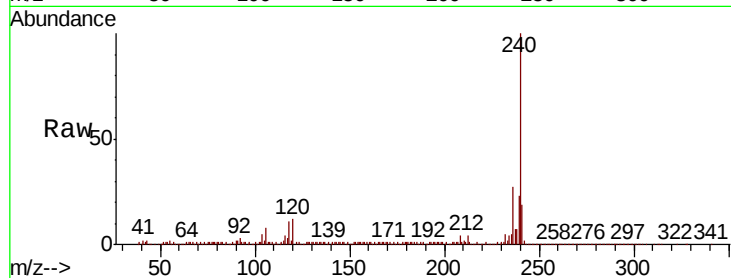




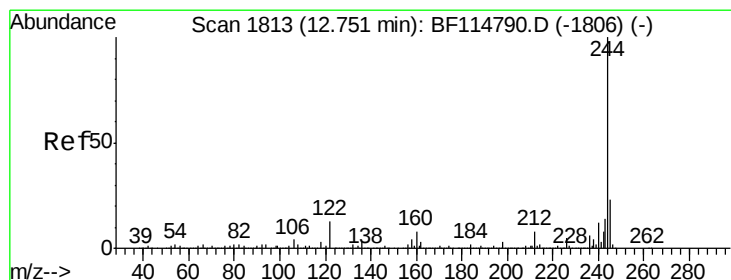
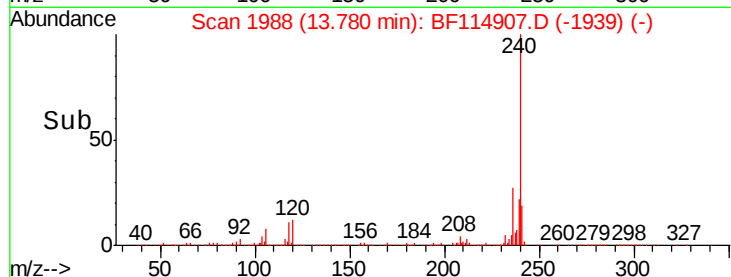
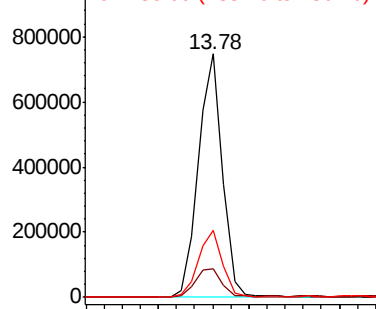
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampled :
MW-4A

Tgt Ion:240 Resp: 681921
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.4
236 27.3 21.4 32.0

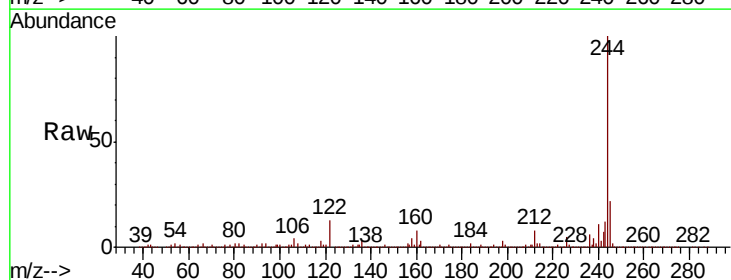


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

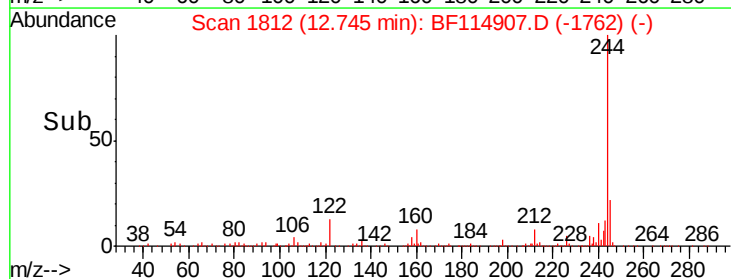
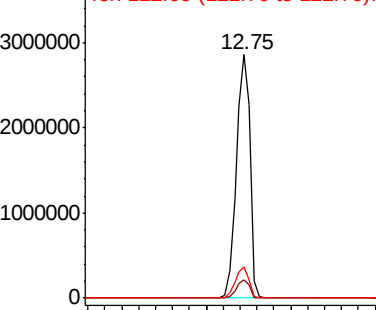


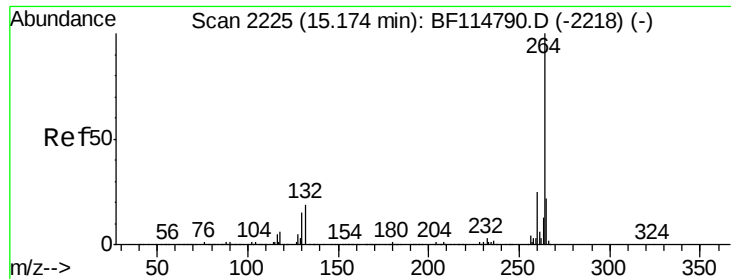
#79
Terphenyl-d14
Concen: 92.054 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:244 Resp: 3227841
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 12.9 10.5 15.7



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion: 264 Resp: 710941

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.1	17.7	26.5

