

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114942.D
 Acq On : 11 Jun 2019 13:26
 Operator : HP/JU
 Sample : K3214-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

Quant Time: Jun 11 13:58:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	231303	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	740028	20.00	ng	0.01
39) Acenaphthene-d10	9.70	164	447061	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	892413	20.00	ng	0.00
76) Chrysene-d12	13.79	240	623973	20.00	ng	0.00
87) Perylene-d12	15.17	264	701077	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	822006	60.15	ng	0.02
7) Phenol-d6	6.32	99	823809	49.97	ng	0.01
23) Nitrobenzene-d5	7.23	82	1313461	109.05	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	643599	132.34	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2453408	87.10	ng	0.00
79) Terphenyl-d14	12.75	244	2629751	83.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	15244	2.351	ng	# 82
9) Benzaldehyde	6.19	77	89163	8.451	ng	# 1
15) Benzyl Alcohol	6.83	79	84329	7.089	ng	# 1
17) 2-Methylphenol	6.87	107	31309	2.397	ng	# 36
18) Hexachloroethane	7.20	117	142199	21.255	ng	# 49
20) 3+4-Methylphenols	7.11	107	987227	67.510	ng	# 37
24) Nitrobenzene	7.27	77	70031	5.589	ng	# 31
25) Isophorone	7.72	82	247602	10.498	ng	# 1
27) 2,4-Dimethylphenol	7.66	122	1132740	111.205	ng	# 93
28) bis(2-Chloroethoxy)methane	7.72	93	176225	11.680	ng	# 1
31) Naphthalene	7.99	128	13594609	398.682	ng	# 93
32) Benzoic acid	7.78	122	2628383	345.449	ng	# 18
33) 4-Chloroaniline	8.00	127	2297673	142.789	ng	# 36
35) Caprolactam	8.37	113	9778	2.721	ng	# 55
36) 4-Chloro-3-methylphenol	8.54	107	197025	18.185	ng	# 19
37) 2-Methylnaphthalene	8.67	142	3793596	163.719	ng	# 95
38) 1-Methylnaphthalene	8.67	142	3793596	173.105	ng	# 98
46) 1,1'-Biphenyl	9.13	154	939187	28.080	ng	# 98
47) 2-Chloronaphthalene	9.13	162	66634	2.360	ng	# 90
48) 2-Nitroaniline	9.23	65	20861	2.427	ng	# 19
49) Acenaphthylene	9.56	152	99449	2.390	ng	# 22
50) Dimethylphthalate	9.44	163	91919	2.736	ng	# 90
52) Acenaphthene	9.73	154	1692928	67.163	ng	# 99
54) 2,4-Dinitrophenol	9.85	184	44697	11.702	ng	# 71
55) Dibenzofuran	9.90	168	1623425	45.118	ng	# 99
56) 4-Nitrophenol	9.73	139	20473	3.100	ng	# 79
58) Fluorene	10.24	166	1129873	40.736	ng	# 99
65) 4,6-Dinitro-2-methylphenol	10.32	198	11062	2.210	ng	# 1
66) n-Nitrosodiphenylamine	10.10	169	59889	2.259	ng	# 93
67) 4-Bromophenyl-phenylether	10.49	248	41884	4.333	ng	# 1
71) Phenanthrene	11.19	178	1257100	29.034	ng	# 98
72) Anthracene	11.24	178	260797	5.934	ng	# 97
73) Carbazole	11.40	167	184772	4.618	ng	# 98
75) Fluoranthene	12.37	202	127494	2.847	ng	# 98

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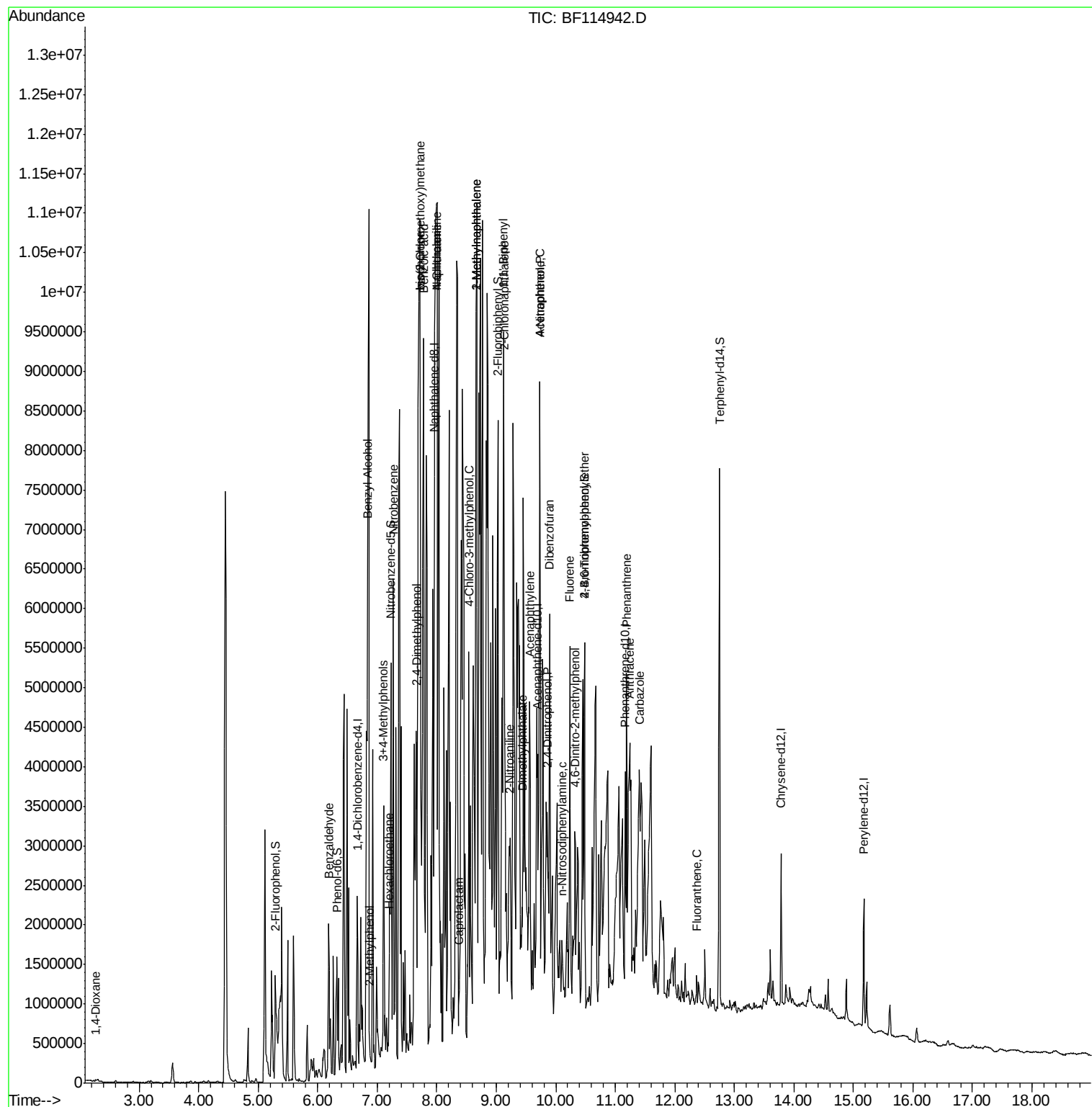
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

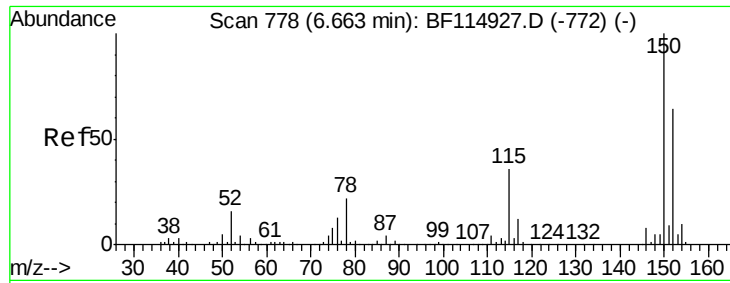
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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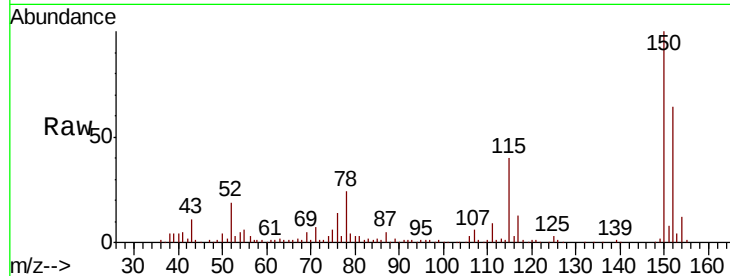


#1

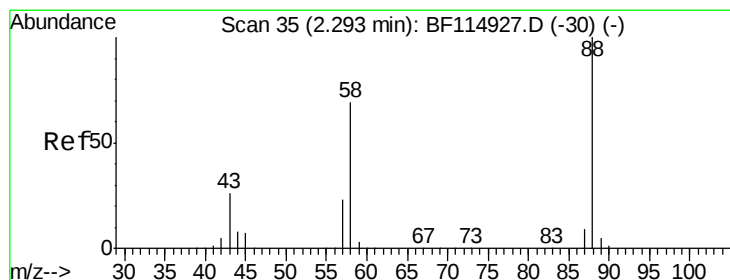
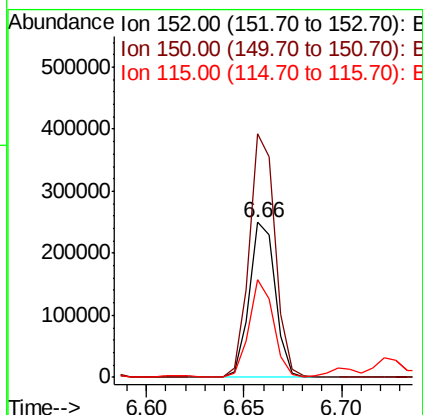
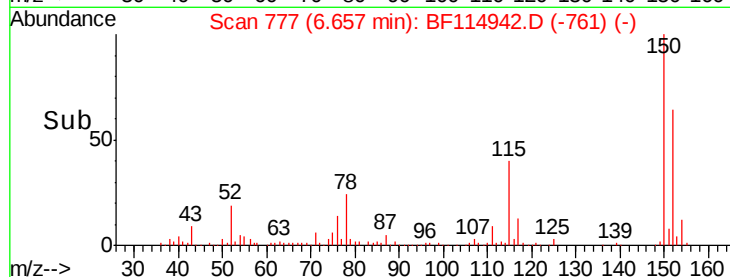
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tot Ion:152 Resp: 231303
Ion Ratio Lower Upper
152 100
150 157.4 125.2 187.8
115 63.0 45.0 67.4



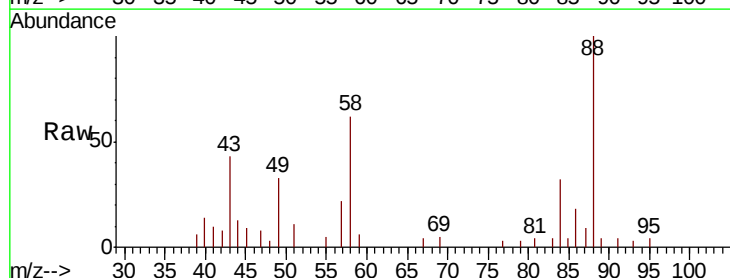
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



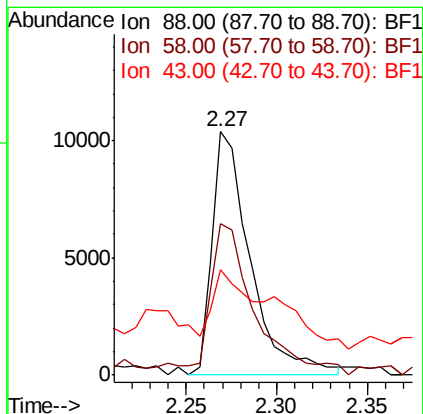
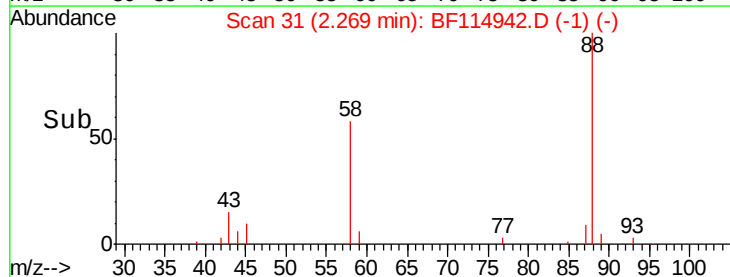
#2

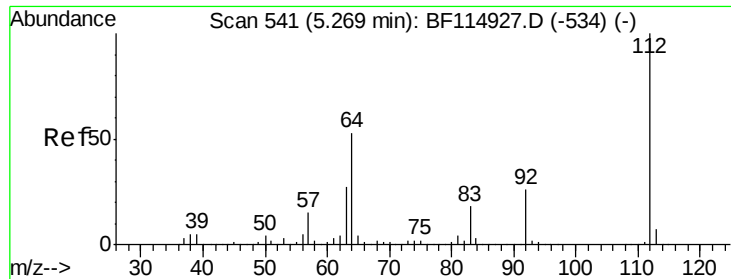
1,4-Dioxane
Concen: 2.351 ng
RT: 2.27 min Scan# 31
Delta R.T. -0.02 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Tgt Ion: 88 Resp: 15244
Ion Ratio Lower Upper
88 100
58 71.2 54.2 81.2
43 52.2 20.6 30.8#



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: 60.145 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.02 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Instrument :

BNA_F

ClientSampleId :

MW-4A

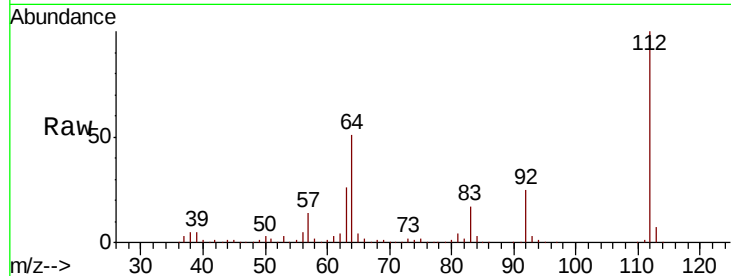
Tot Ion:112 Resp: 822006

Ion Ratio Lower Upper

112 100

64 51.5 42.1 63.1

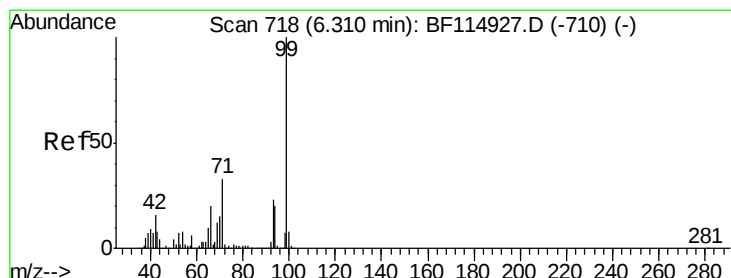
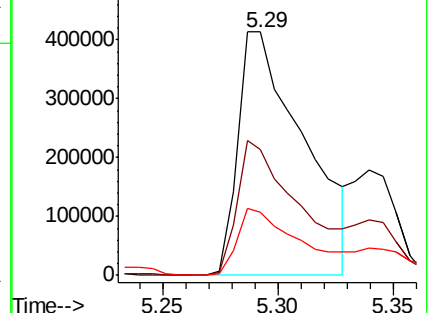
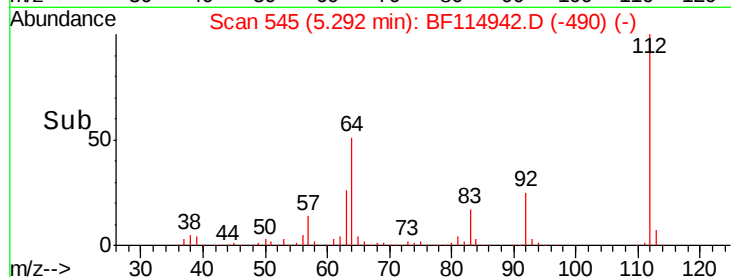
63 25.9 21.8 32.8



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: 49.973 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

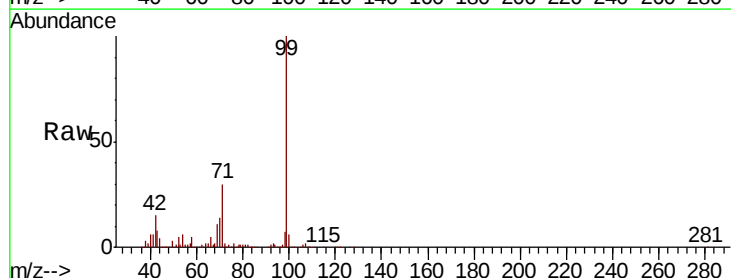
Tgt Ion: 99 Resp: 823809

Ion Ratio Lower Upper

99 100

42 15.5 13.1 19.7

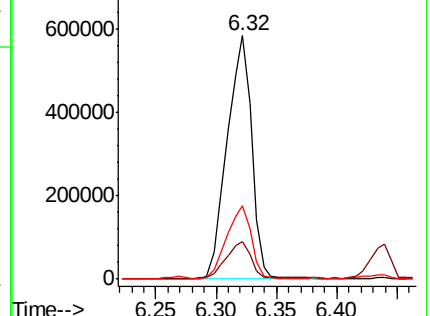
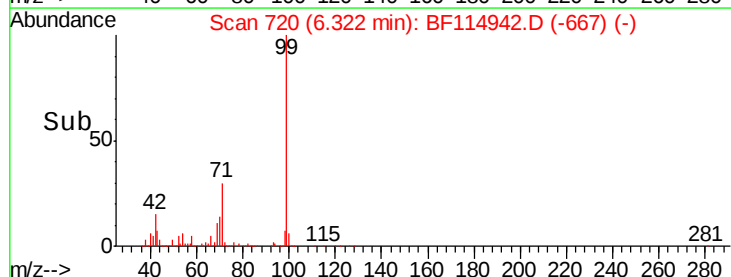
71 30.0 26.8 40.2

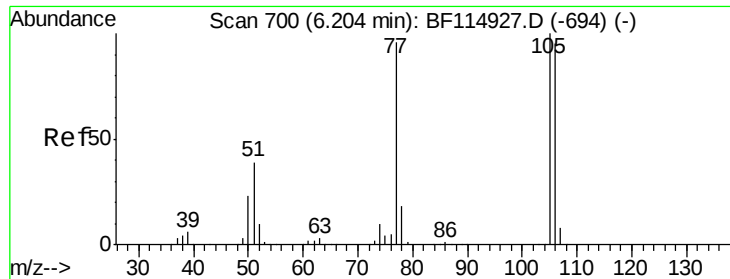


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 8.451 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Instrument :

BNA_F

ClientSampled :

MW-4A

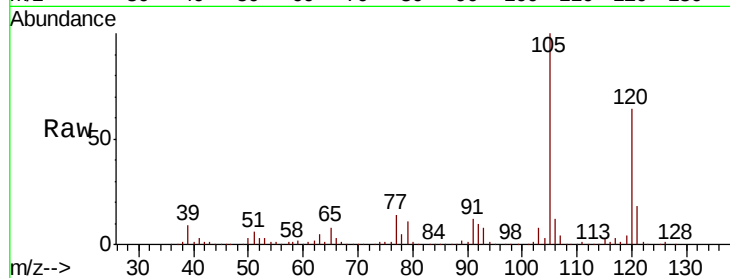
Tot Ion: 77 Resp: 89163

Ion Ratio Lower Upper

77 100

105 701.1 84.5 124.5#

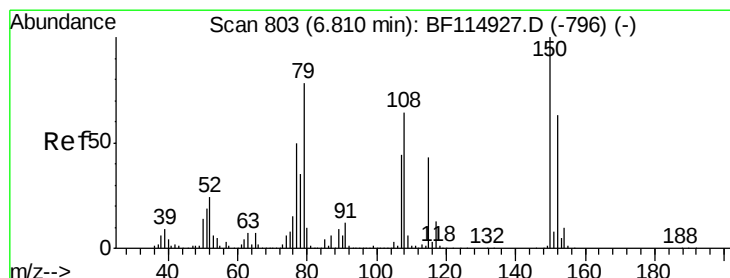
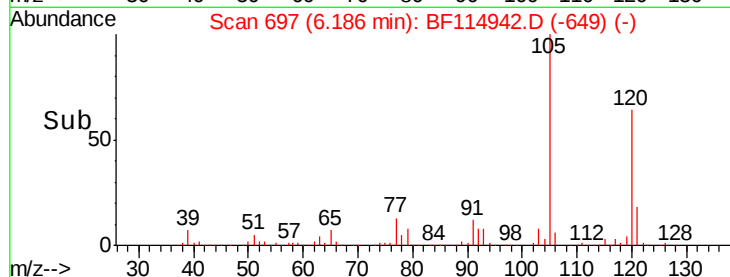
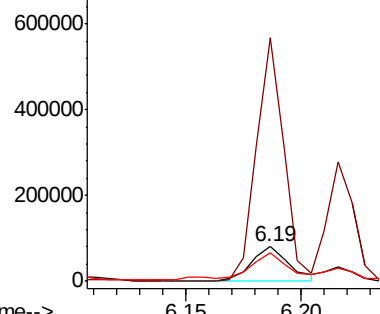
106 80.6 79.2 119.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#15

Benzyl Alcohol

Concen: 7.089 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.02 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

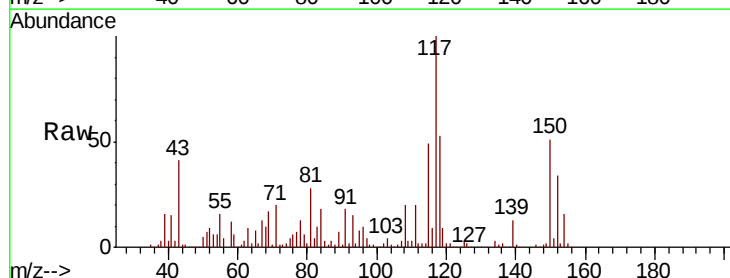
Tgt Ion: 79 Resp: 84329

Ion Ratio Lower Upper

79 100

108 342.8 65.5 98.3#

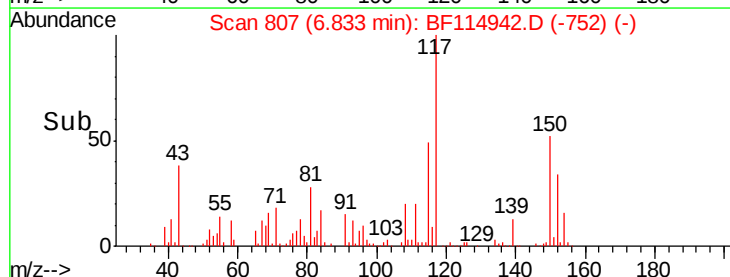
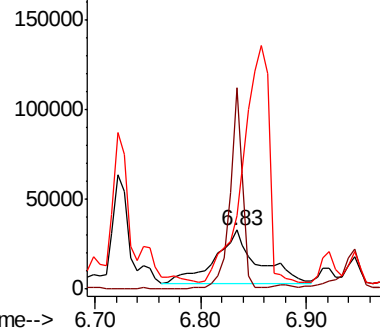
77 125.6 51.3 76.9#

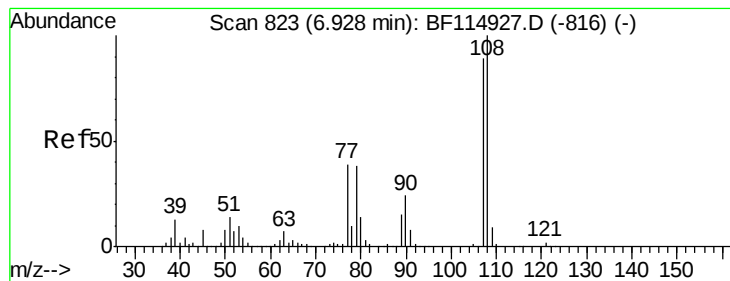


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

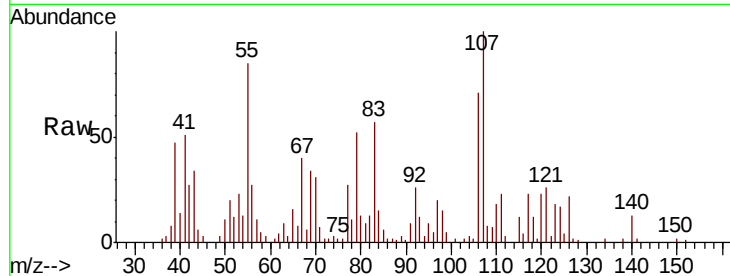




#17
2-Methylphenol
Concen: 2.397 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tot Ion	Ratio	Lower	Upper
107	100		
108	8.3	90.2	135.2#
77	27.2	35.4	53.0#
79	51.9	34.6	52.0



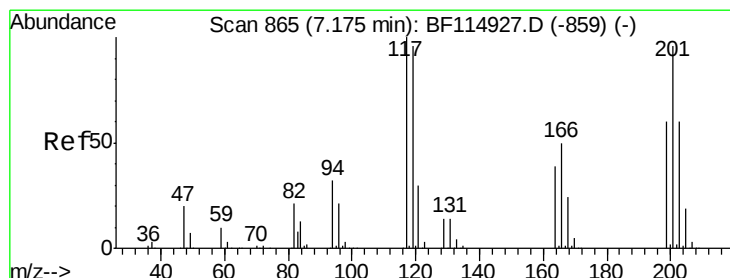
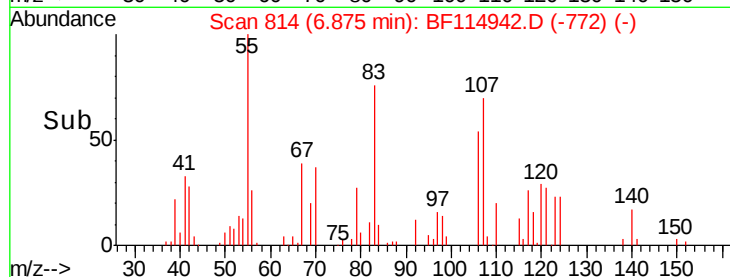
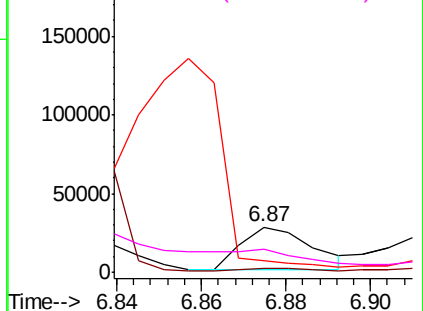
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

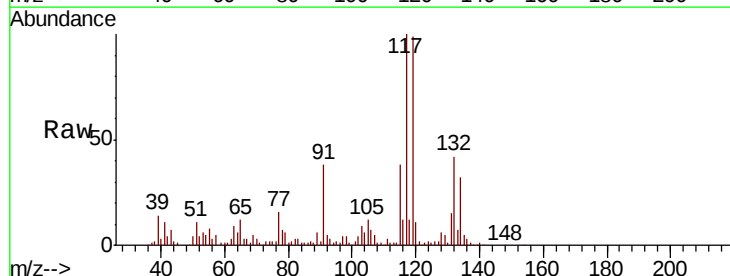
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 21.255 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.02 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	76.6	114.8
201	0.0	77.0	115.6#

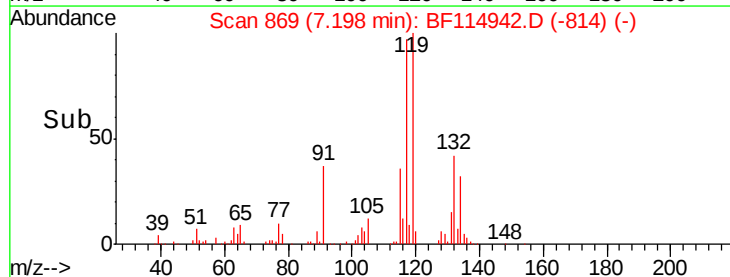
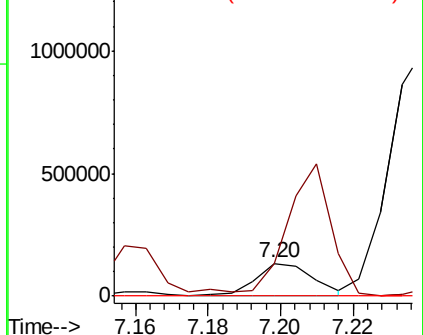


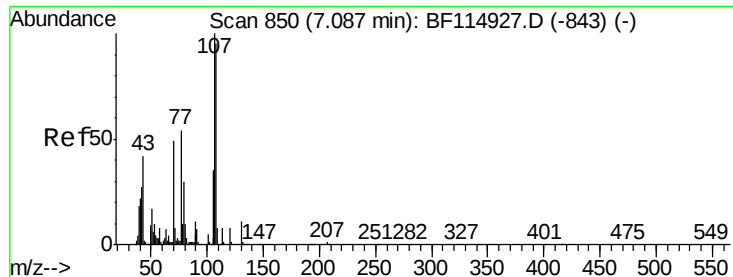
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

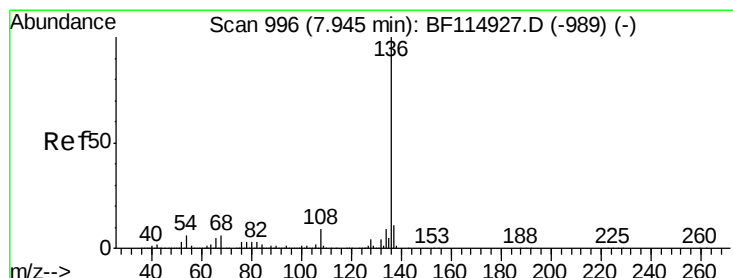
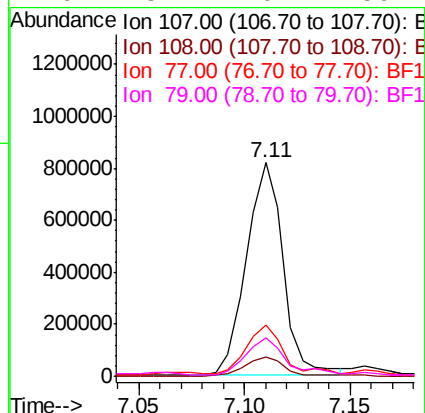
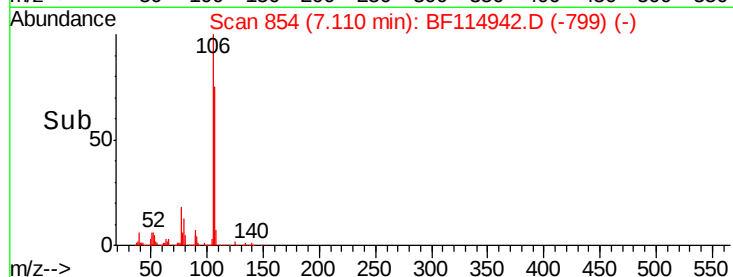
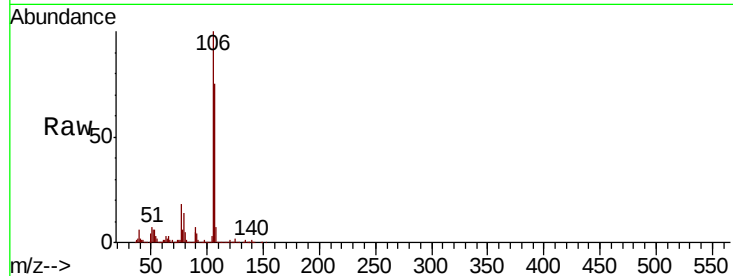




#20
3+4-Methylphenols
Concen: 67.510 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.02 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

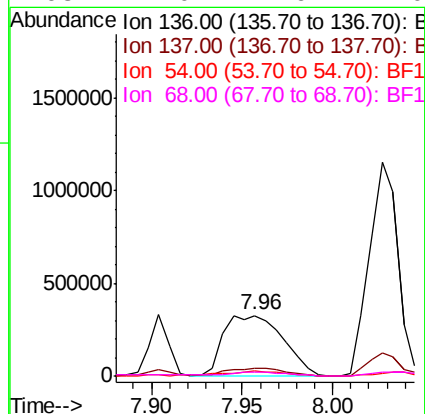
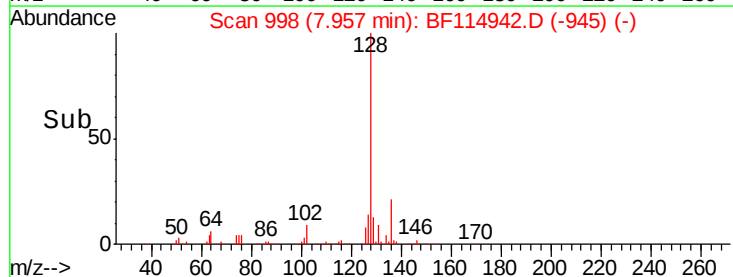
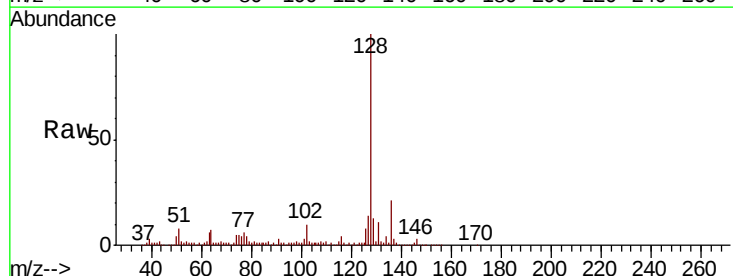
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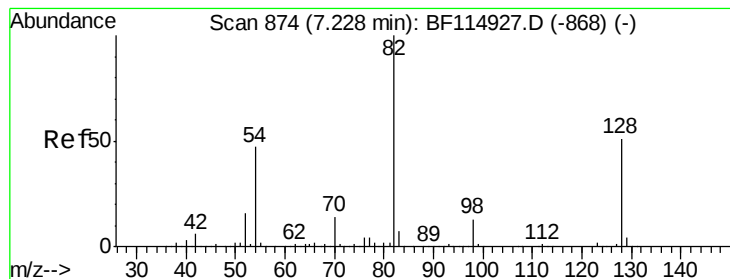
Tot Ion	Ratio	Lower	Upper
107	100		
108	8.9	74.7	114.7#
77	24.2	33.7	73.7#
79	18.1	10.2	50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.0	13.6
54	7.9	5.2	7.8#
68	7.0	4.6	7.0#





#23

Nitrobenzene-d5

Concen: 109.052 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Instrument :

BNA_F

ClientSampleId :

MW-4A

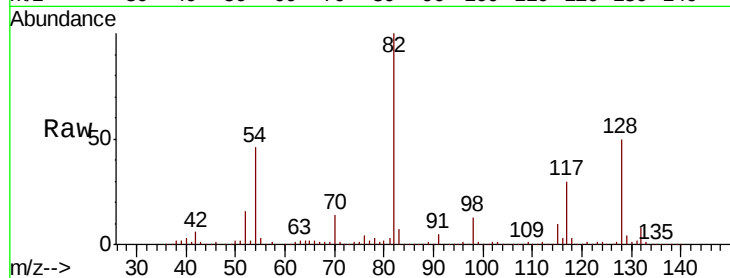
Tot Ion: 82 Resp: 1313461

Ion Ratio Lower Upper

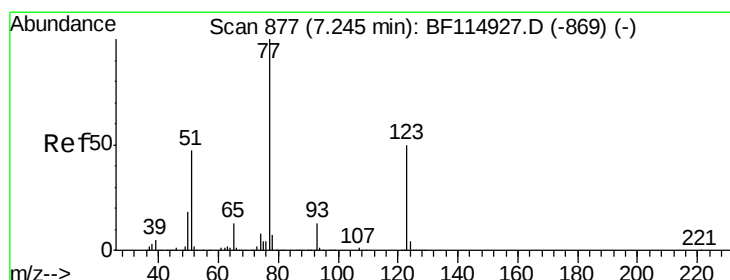
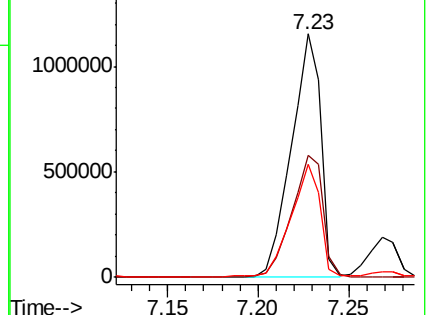
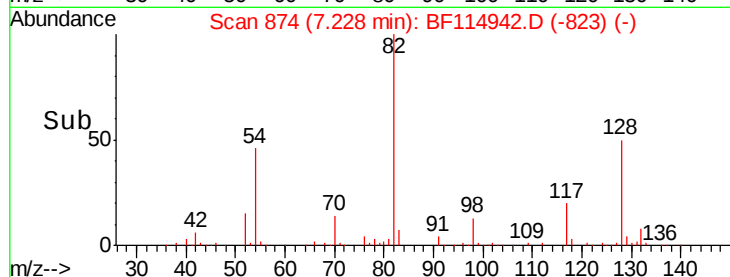
82 100

128 50.0 40.9 61.3

54 46.2 37.4 56.0



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: 5.589 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.02 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

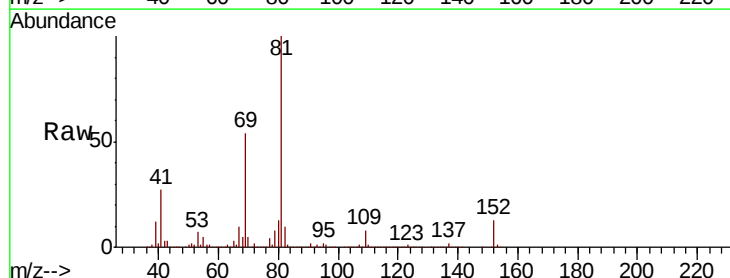
Tgt Ion: 77 Resp: 70031

Ion Ratio Lower Upper

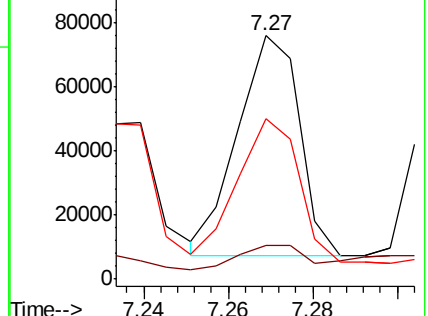
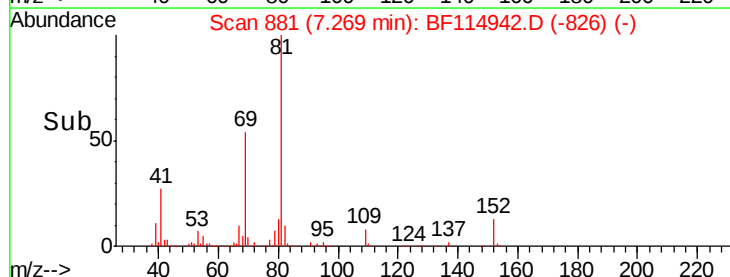
77 100

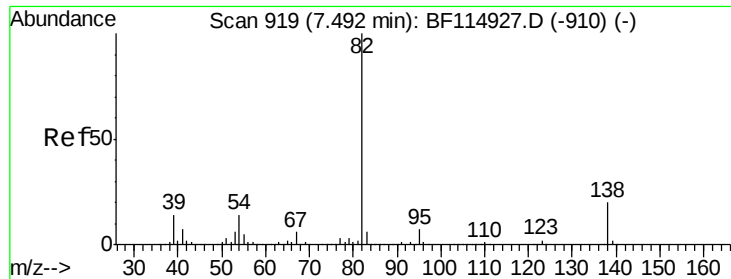
123 13.6 39.8 59.6#

65 66.1 10.7 16.1#



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: 10.498 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.22 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Instrument :

BNA_F

ClientSampleId :

MW-4A

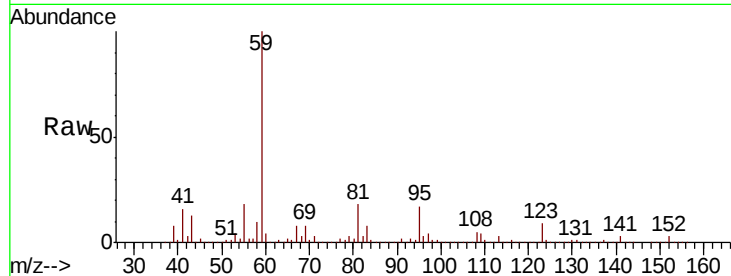
Tot Ion: 82 Resp: 247602

Ion Ratio Lower Upper

82 100

95 630.9 5.7 8.5#

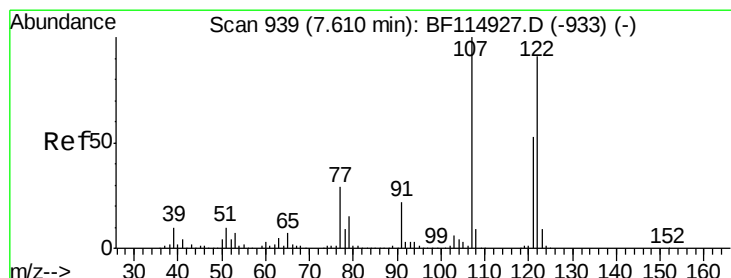
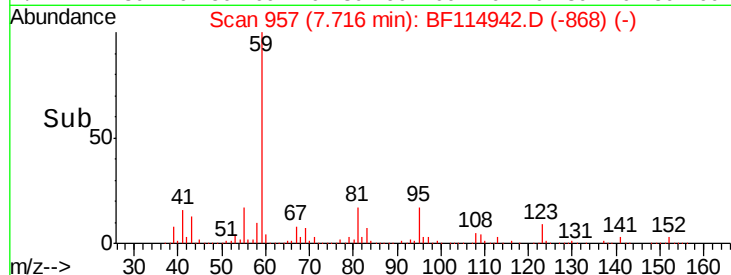
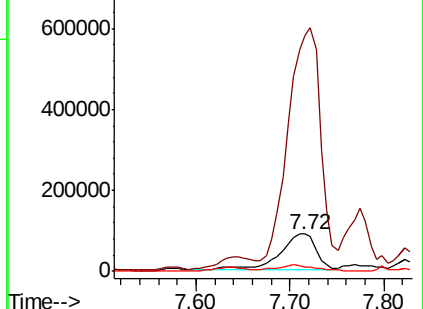
138 12.5 16.4 24.6#



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: 111.205 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.05 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

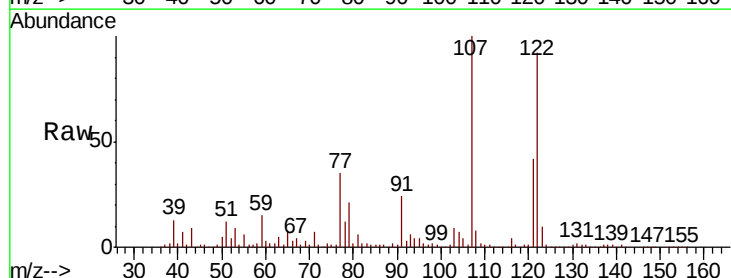
Tgt Ion:122 Resp: 1132740

Ion Ratio Lower Upper

122 100

107 108.9 88.0 132.0

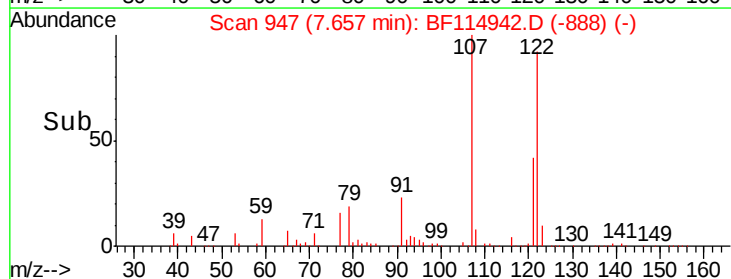
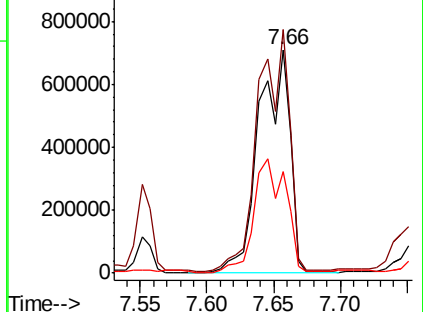
121 45.5 47.0 70.6#

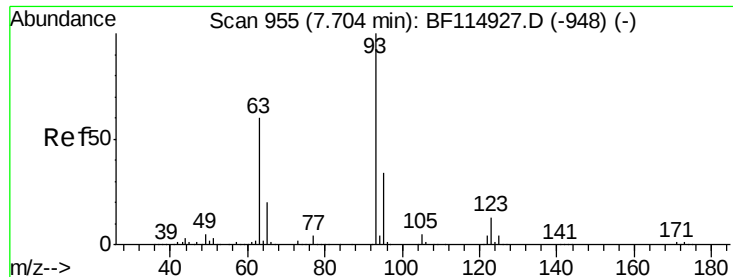


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

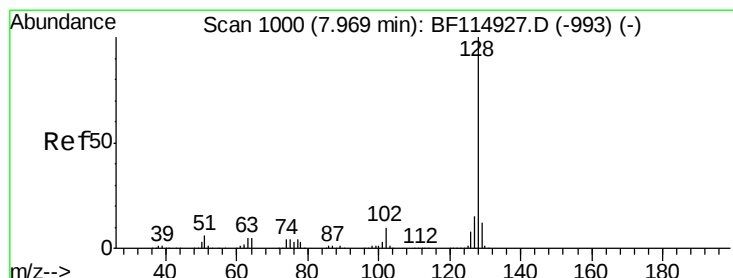
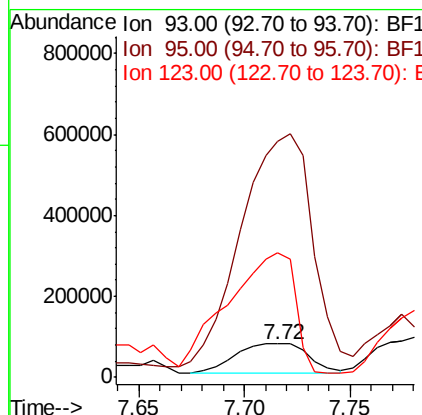
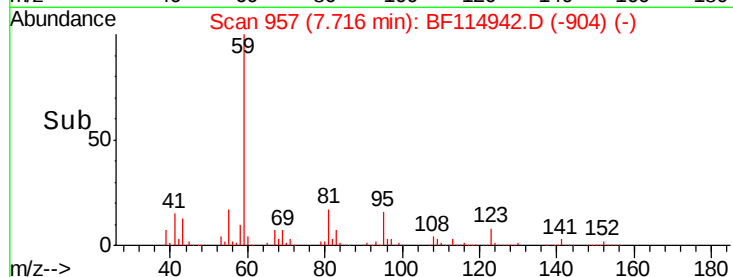
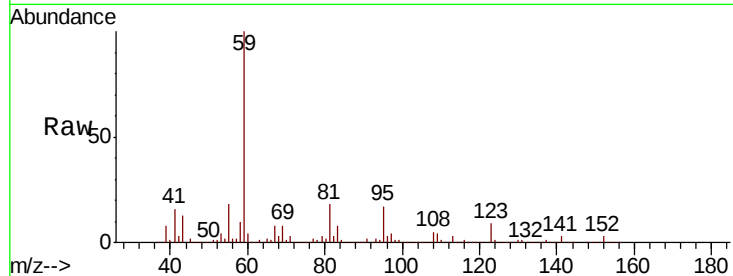




#28
bis(2-Chloroethoxy)methane
Concen: 11.680 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

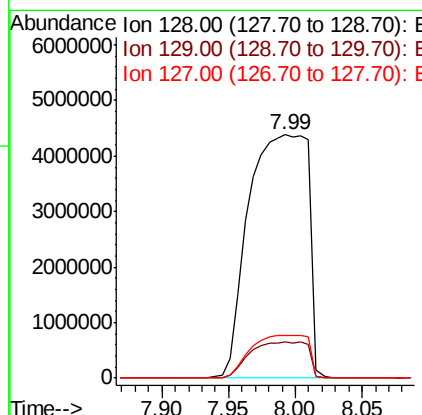
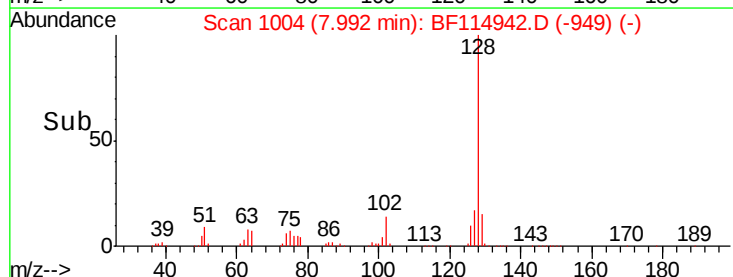
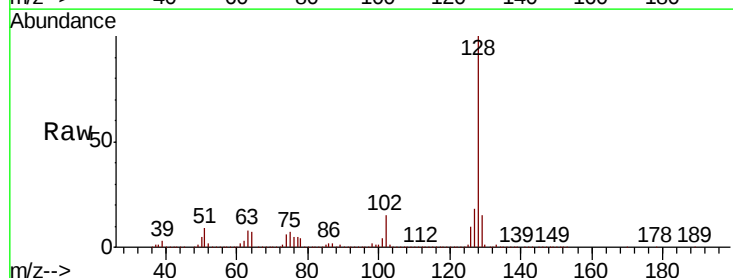
Instrument :
BNA_F
ClientSampleId :
MW-4A

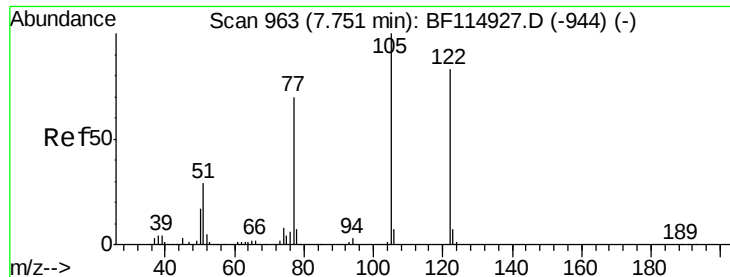
Tot Ion: 93 Resp: 176225
Ion Ratio Lower Upper
93 100
95 704.5 27.0 40.4#
123 371.1 10.3 15.5#



#31
Naphthalene
Concen: 398.682 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Tgt Ion: 128 Resp: 13594609
Ion Ratio Lower Upper
128 100
129 14.9 9.8 14.8#
127 17.6 11.8 17.6





#32

Benzoic acid

Concen: 345.449 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.03 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Instrument :

BNA_F

ClientSampleId :

MW-4A

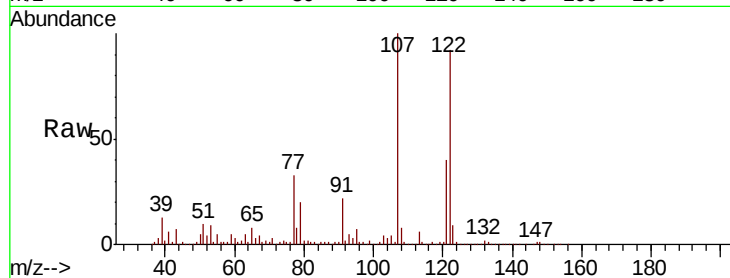
Tot Ion:122 Resp: 2628383

Ion Ratio Lower Upper

122 100

105 4.7 97.7 137.7#

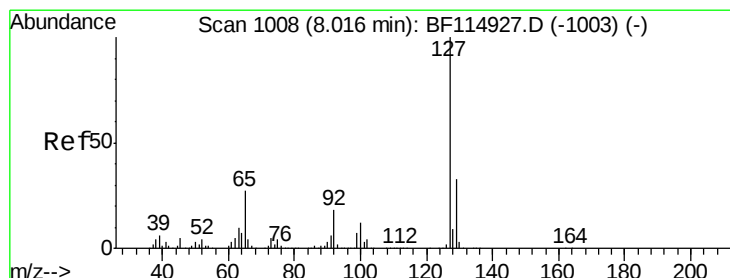
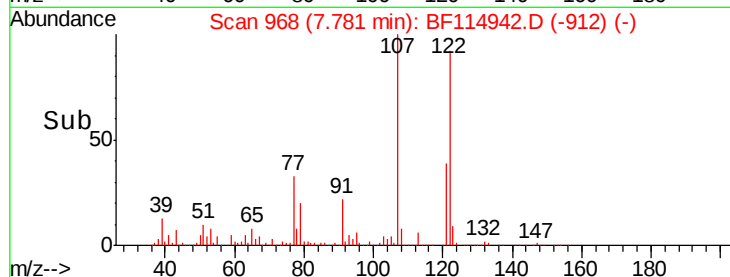
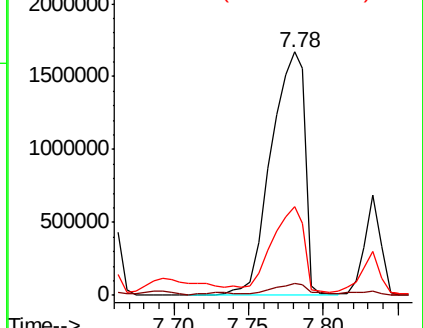
77 36.2 63.0 103.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 142.789 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Tgt Ion:127 Resp: 2297673

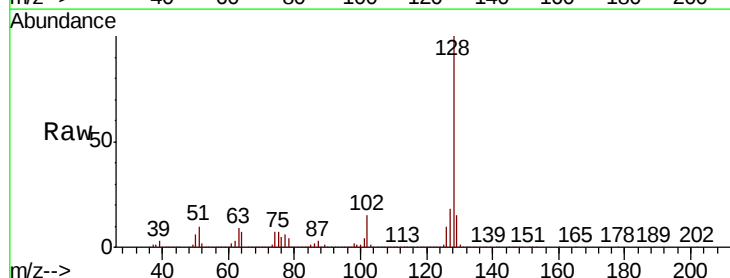
Ion Ratio Lower Upper

127 100

129 82.8 26.6 40.0#

65 0.0 21.5 32.3#

92 0.2 14.7 22.1#

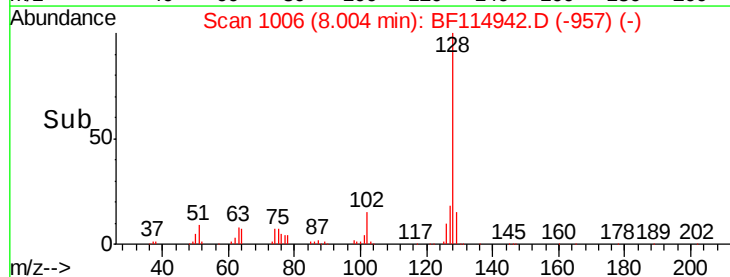
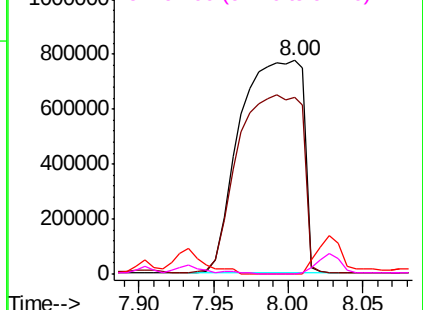


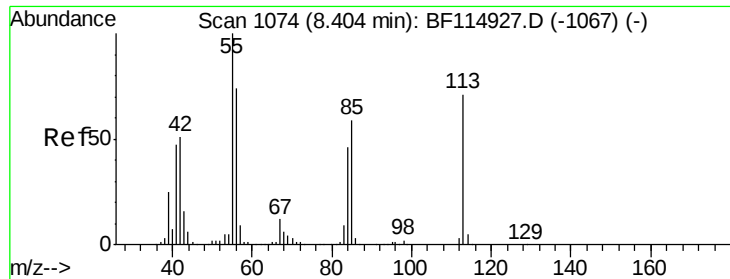
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

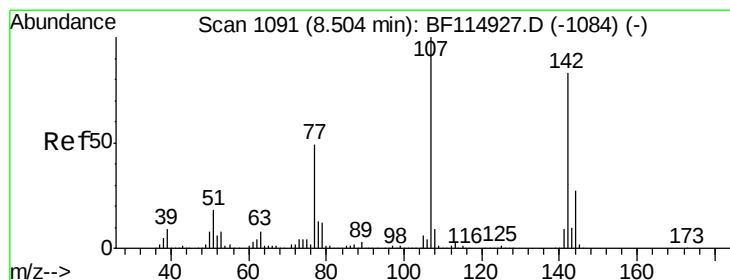
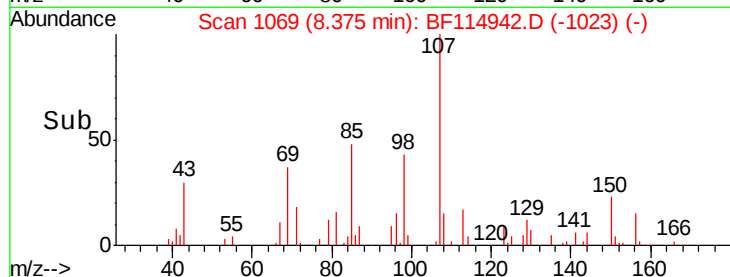
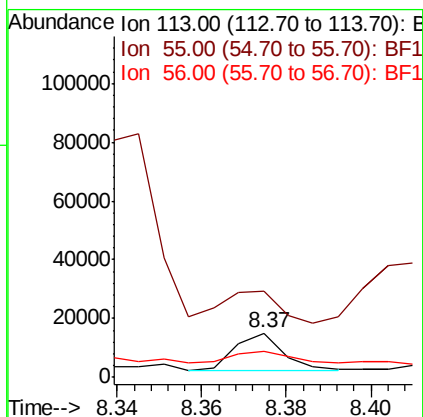
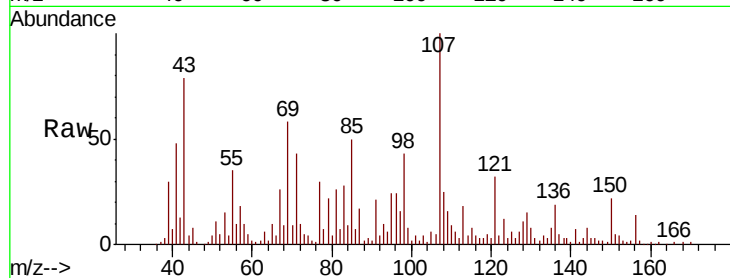




#35
Caprolactam
Concen: 2.721 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

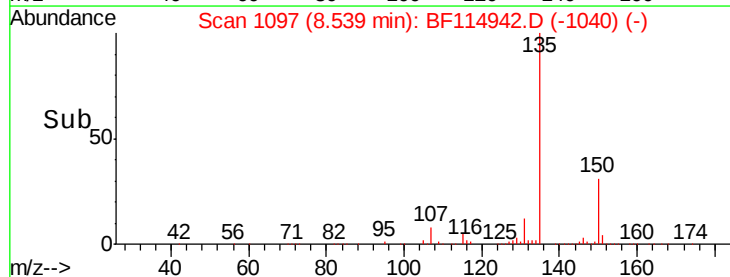
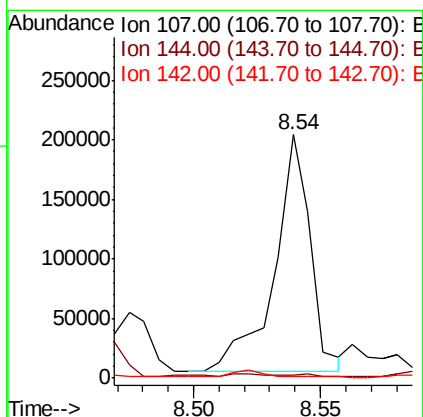
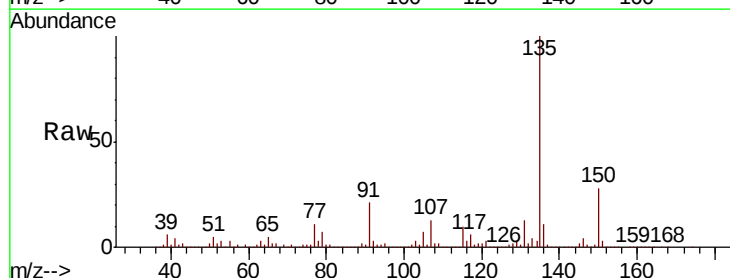
Instrument :
BNA_F
ClientSampled :
MW-4A

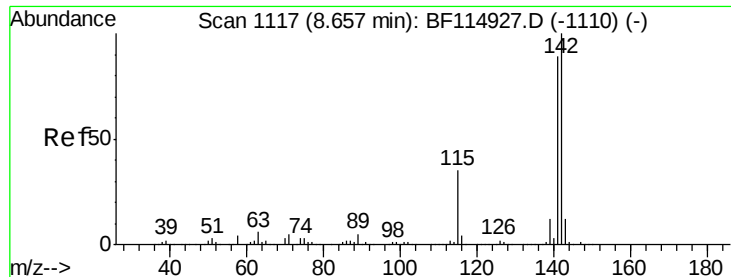
Tot Ion:113 Resp: 9778
Ion Ratio Lower Upper
113 100
55 196.8 120.9 160.9#
56 58.0 84.3 124.3#



#36
4-Chloro-3-methylphenol
Concen: 18.185 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.04 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Tgt Ion:107 Resp: 197025
Ion Ratio Lower Upper
107 100
144 1.3 21.6 32.4#
142 0.5 66.1 99.1#

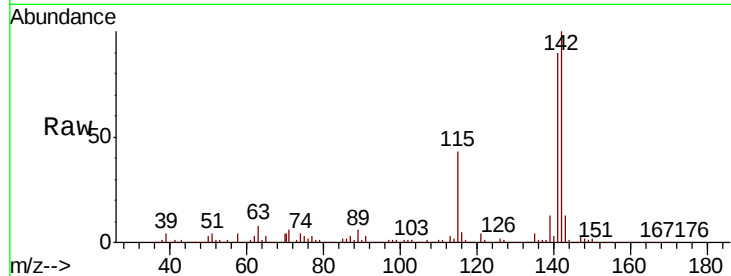




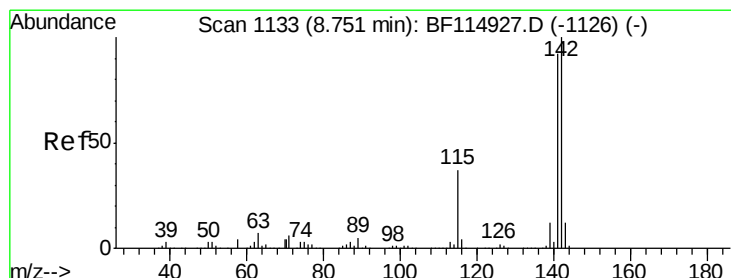
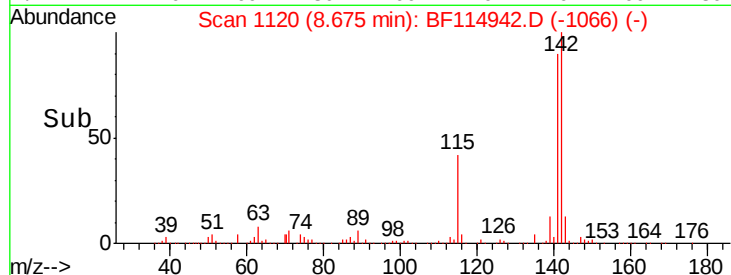
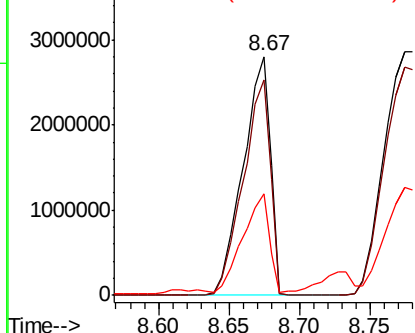
#37
2-Methylnaphthalene
Concen: 163.719 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.02 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tot Ion:142 Resp: 3793596
Ion Ratio Lower Upper
142 100
141 90.5 71.1 106.7
115 42.6 27.8 41.6#

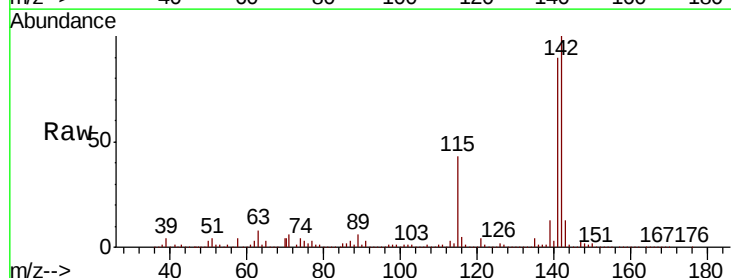


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

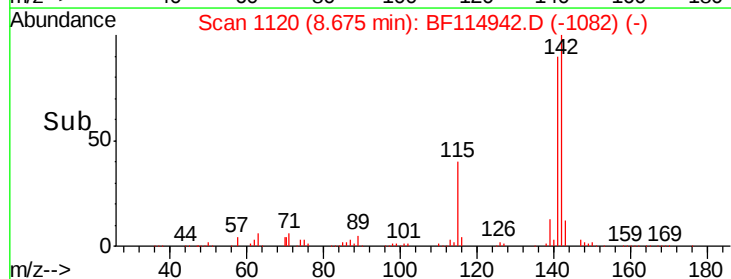
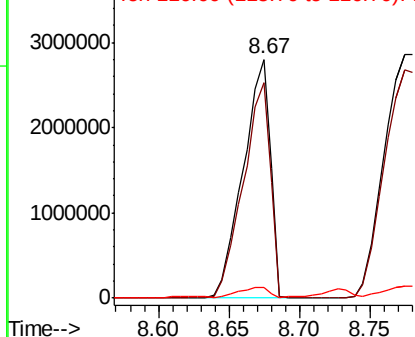


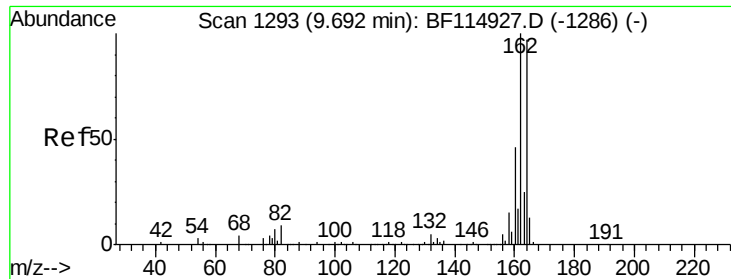
#38
1-Methylnaphthalene
Concen: 173.105 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.08 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Tgt Ion:142 Resp: 3793596
Ion Ratio Lower Upper
142 100
141 90.5 73.7 110.5
116 4.6 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

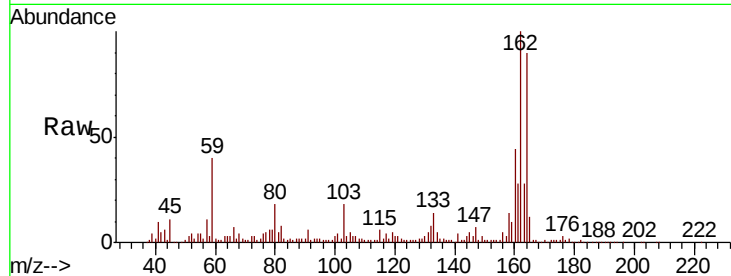




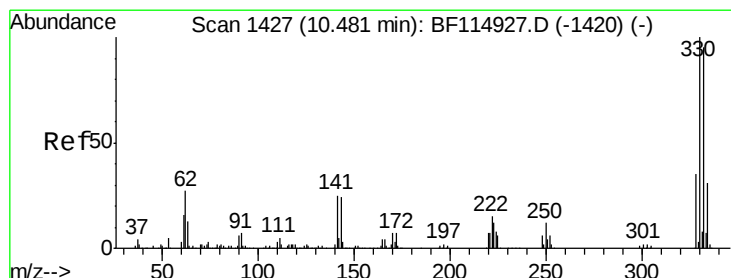
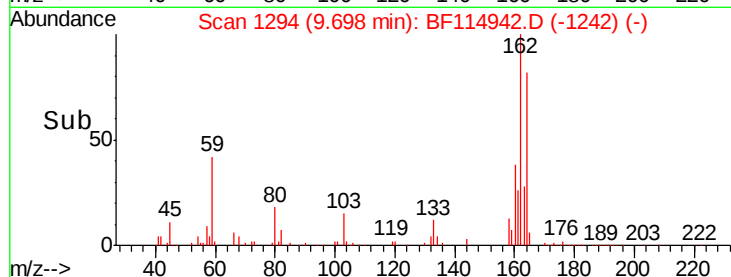
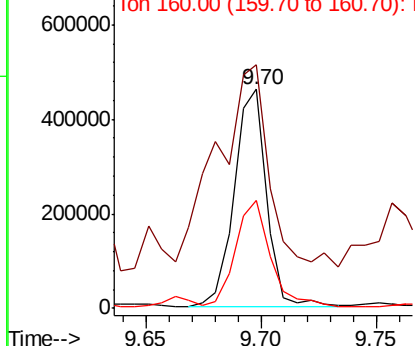
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tot Ion:164 Resp: 447061
Ion Ratio Lower Upper
164 100
162 111.2 82.4 123.6
160 49.4 37.5 56.3

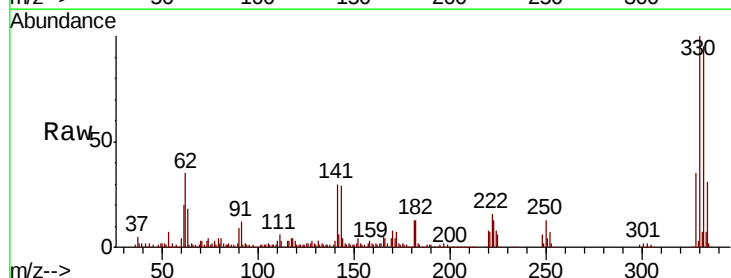


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

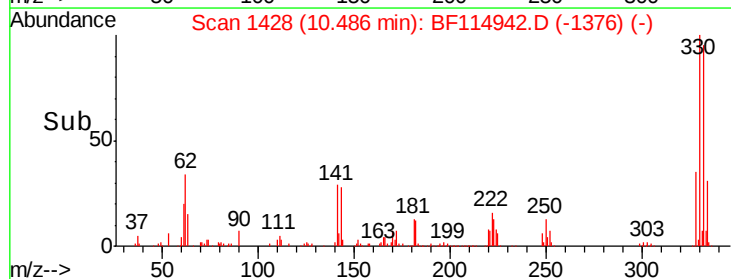
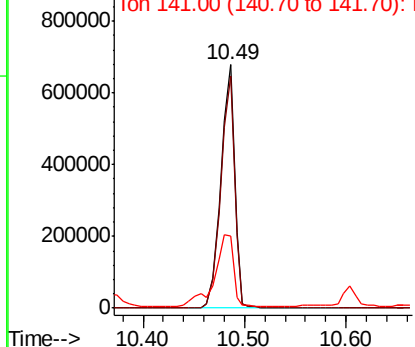


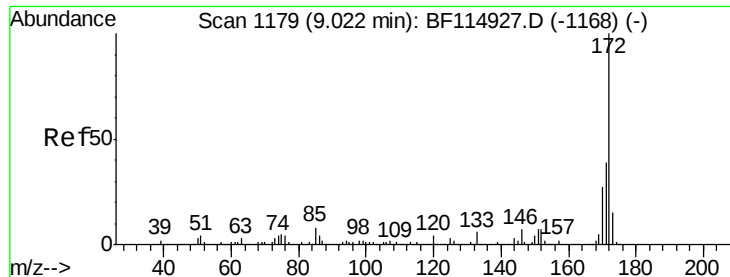
#42
2,4,6-Tribromophenol
Concen: 132.341 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Tgt Ion:330 Resp: 643599
Ion Ratio Lower Upper
330 100
332 95.3 76.4 114.6
141 40.3 26.8 40.2#



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

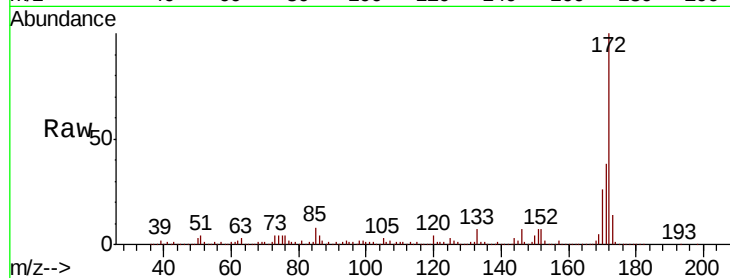




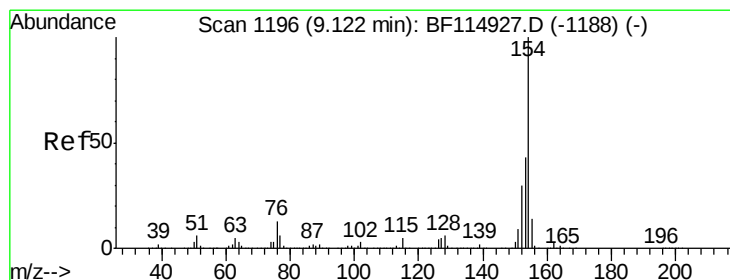
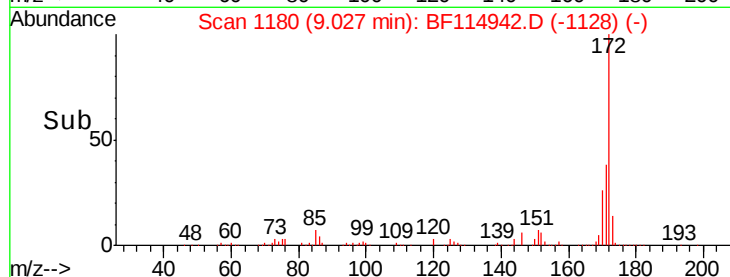
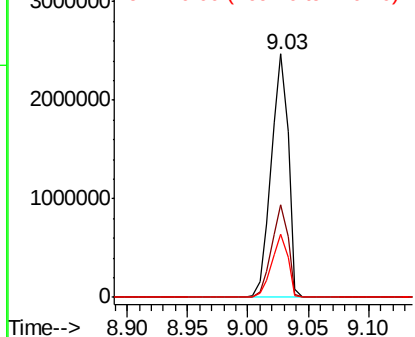
#45
2-Fluorobiphenyl
Concen: 87.096 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tot Ion:172 Resp: 2453408
Ion Ratio Lower Upper
172 100
171 38.1 31.3 46.9
170 26.0 21.4 32.0

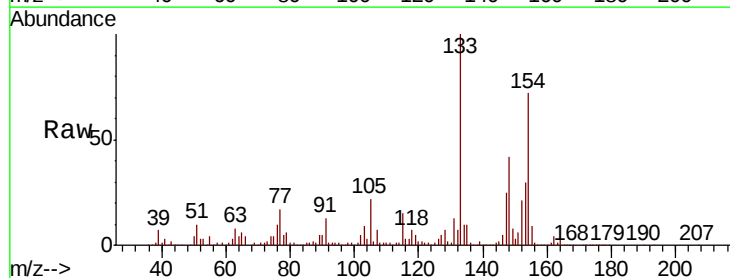


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

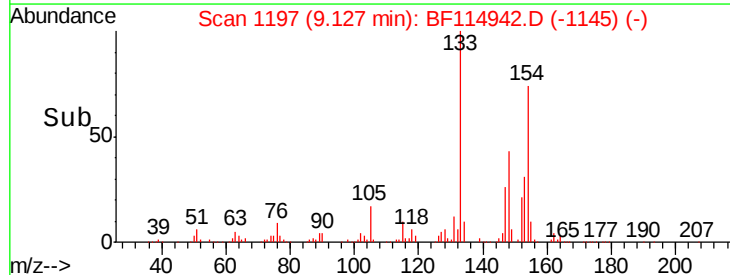
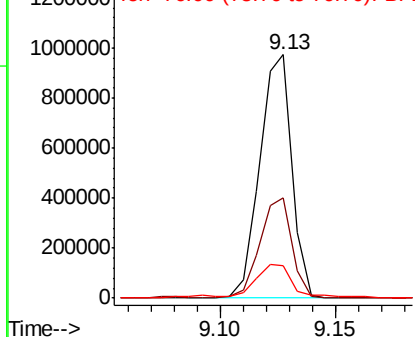


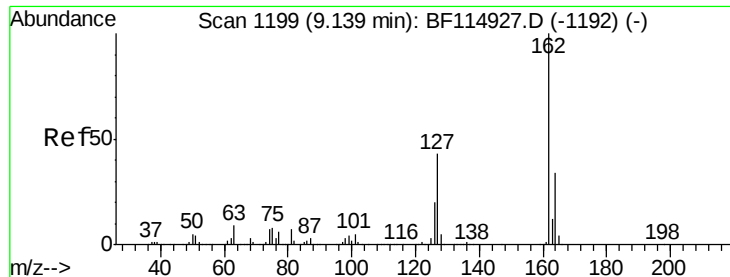
#46
1,1'-Biphenyl
Concen: 28.080 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Tgt Ion:154 Resp: 939187
Ion Ratio Lower Upper
154 100
153 41.2 22.8 62.8
76 13.3 0.0 33.0



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

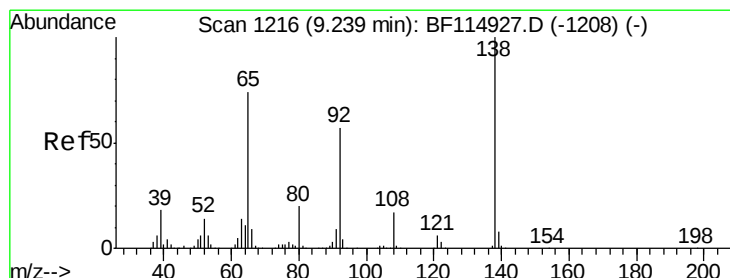
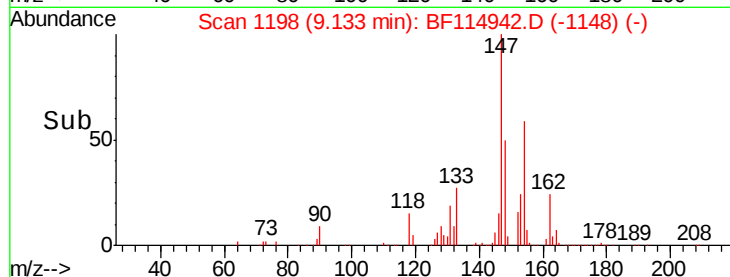
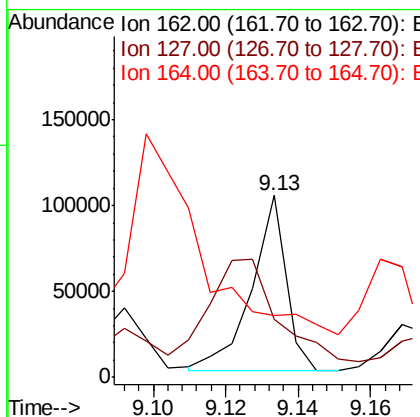
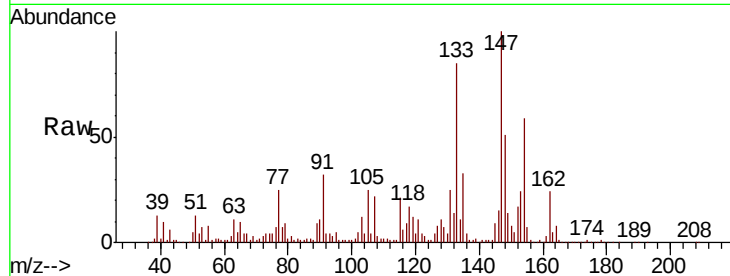




#47
 2-Chloronaphthalene
 Concen: 2.360 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114942.D
 Acq: 11 Jun 2019 13:26

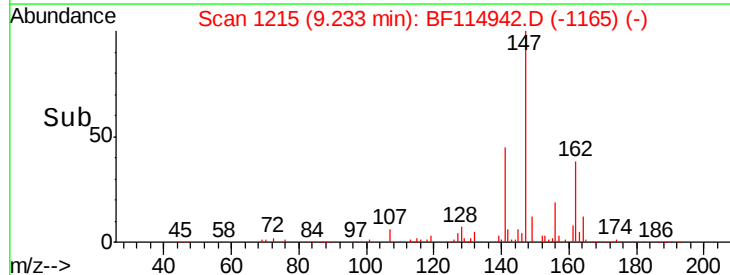
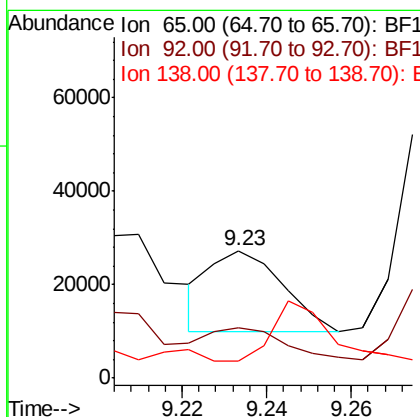
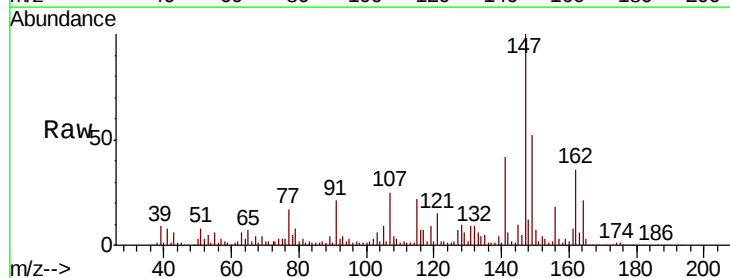
Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

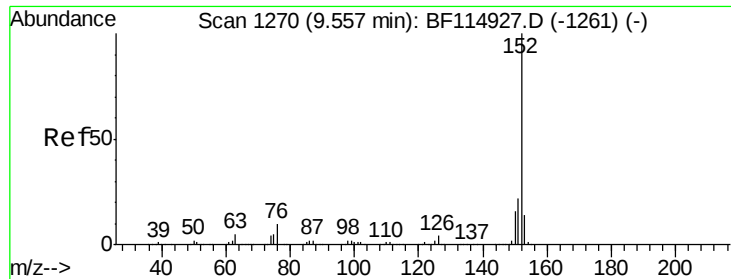
Tot Ion: 162 Resp: 66634
 Ion Ratio Lower Upper
 162 100
 127 32.2 34.6 51.8#
 164 33.7 27.5 41.3



#48
 2-Nitroaniline
 Concen: 2.427 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF114942.D
 Acq: 11 Jun 2019 13:26

Tgt Ion: 65 Resp: 20861
 Ion Ratio Lower Upper
 65 100
 92 39.8 61.9 92.9#
 138 13.2 108.6 162.8#





#49

Acenaphthylene

Concen: 2.390 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Instrument :

BNA_F

ClientSampleId :

MW-4A

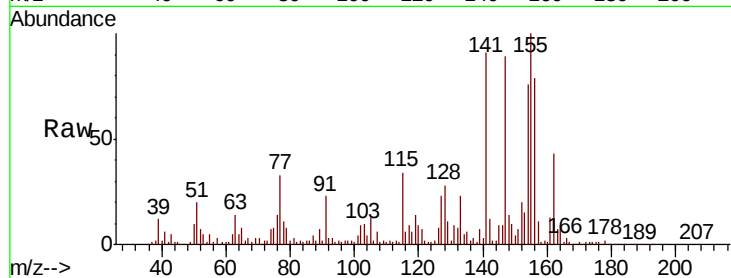
Tot Ion:152 Resp: 99449

Ion Ratio Lower Upper

152 100

151 34.9 17.6 26.4#

153 78.1 11.4 17.0#

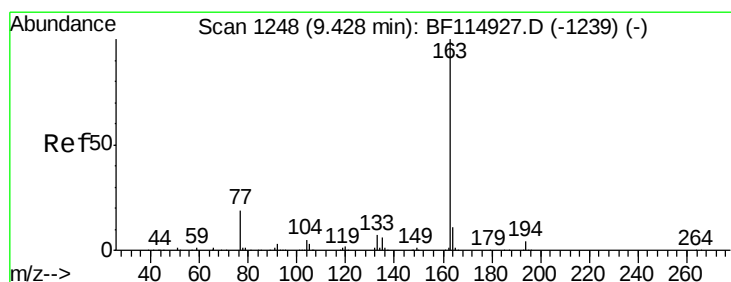
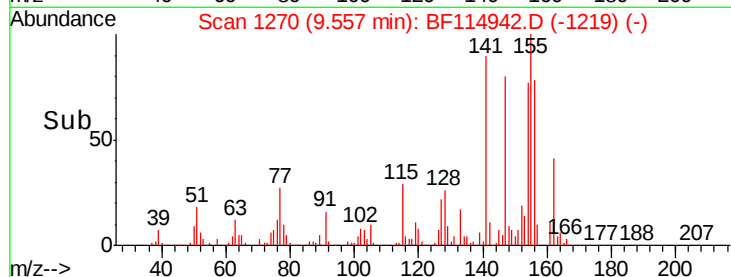
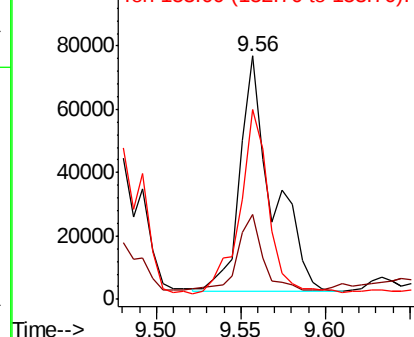


Abundance

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



#50

Dimethylphthalate

Concen: 2.736 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

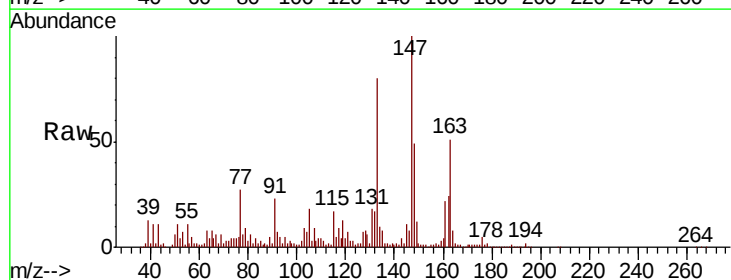
Tgt Ion:163 Resp: 91919

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 15.8 8.7 13.1#

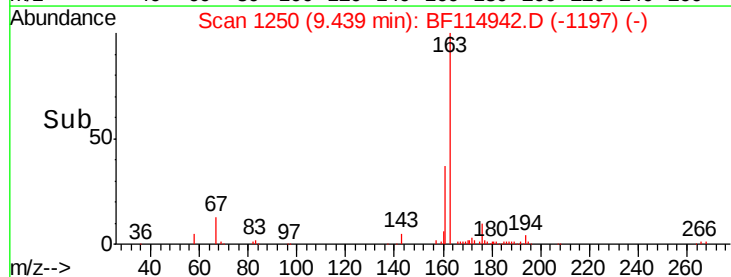
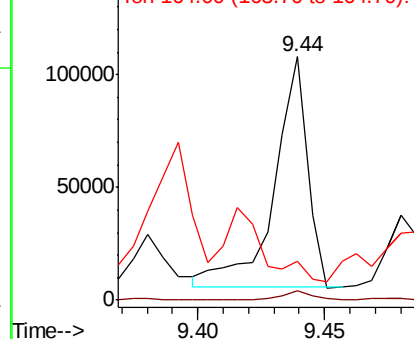


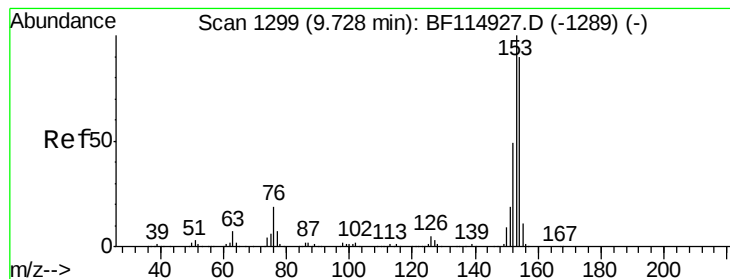
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 67.163 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Instrument :

BNA_F

ClientSampleId :

MW-4A

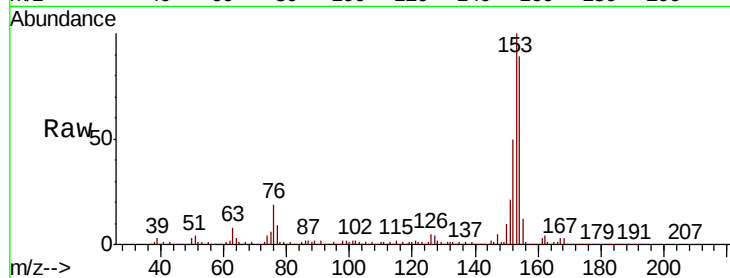
Tot Ion:154 Resp: 1692928

Ion Ratio Lower Upper

154 100

153 112.1 89.1 133.7

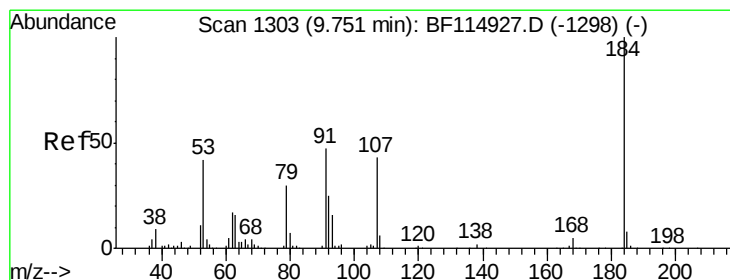
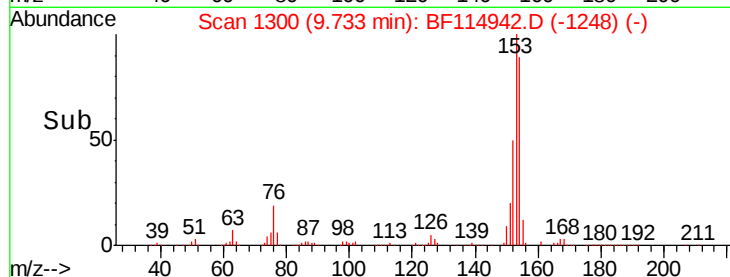
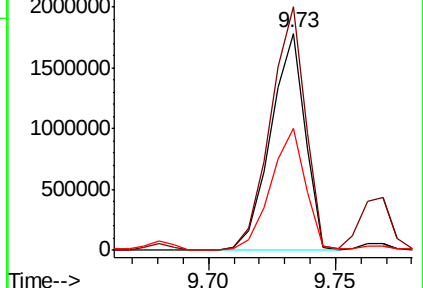
152 56.1 43.8 65.6



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: 11.702 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.10 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

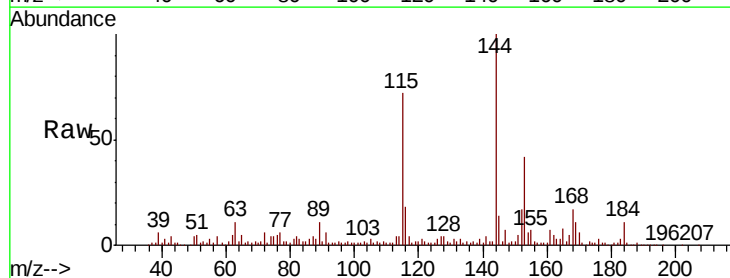
Tgt Ion:184 Resp: 44697

Ion Ratio Lower Upper

184 100

63 102.3 47.4 71.0#

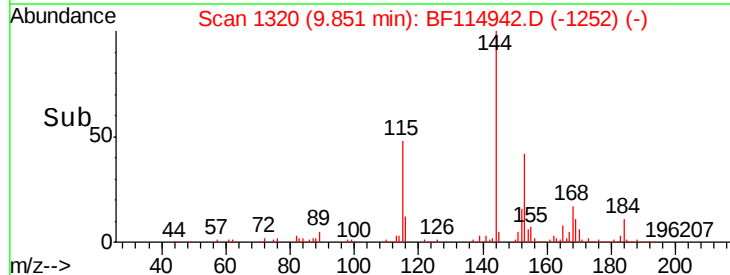
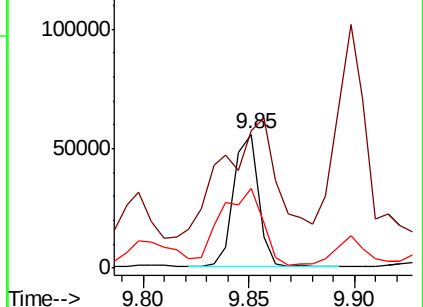
154 59.5 48.6 73.0

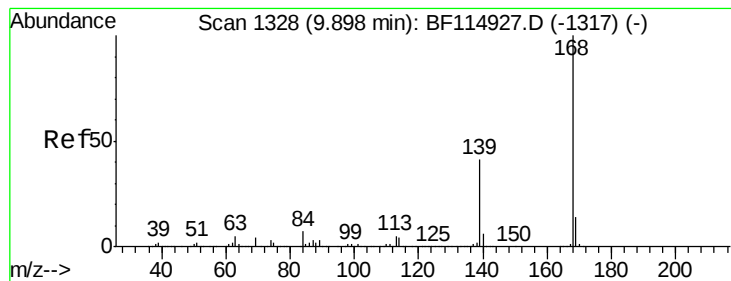


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.118 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Instrument :

BNA_F

ClientSampleId :

MW-4A

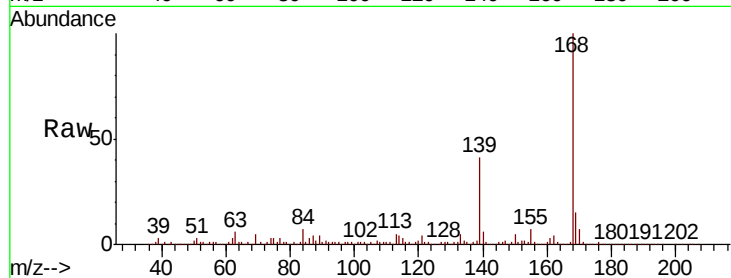
Tot Ion:168 Resp: 1623425

Ion Ratio Lower Upper

168 100

139 41.1 33.0 49.4

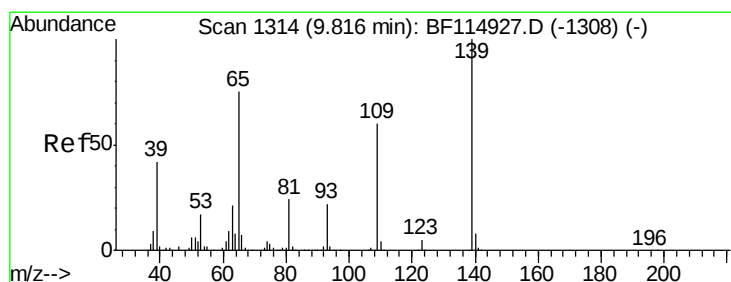
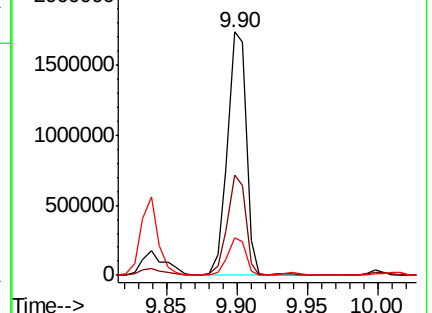
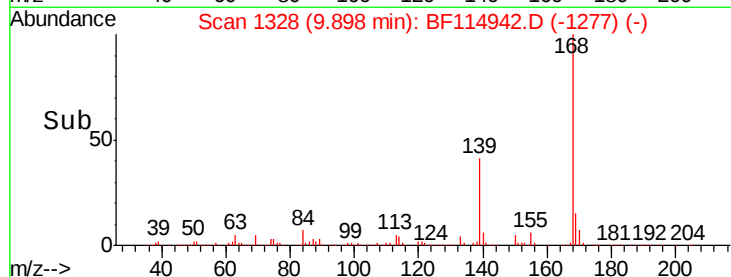
169 15.2 11.6 17.4



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

4-Nitrophenol

Concen: 3.100 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.08 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

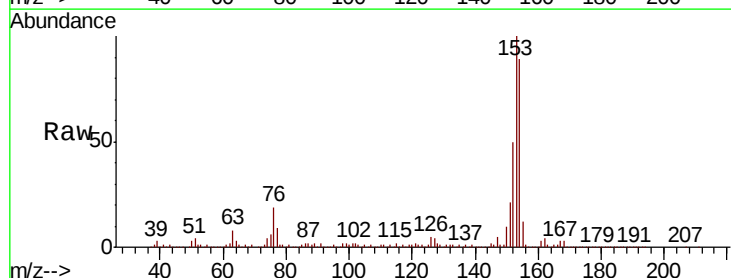
Tgt Ion:139 Resp: 20473

Ion Ratio Lower Upper

139 100

109 40.4 40.0 80.0

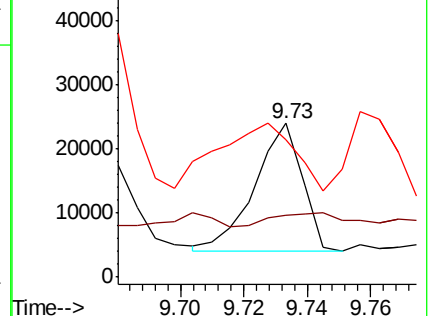
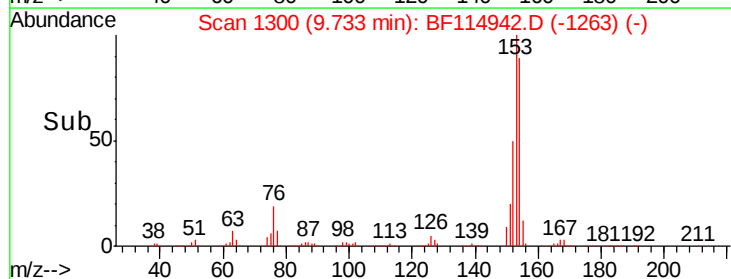
65 89.5 55.0 95.0

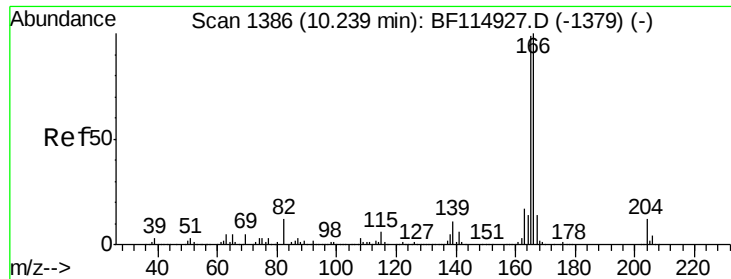


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#58

Fluorene

Concen: 40.736 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Instrument :

BNA_F

ClientSampleId :

MW-4A

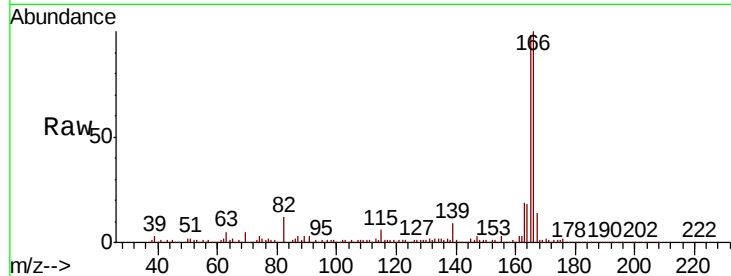
Tot Ion:166 Resp: 1129873

Ion Ratio Lower Upper

166 100

165 97.9 79.2 118.8

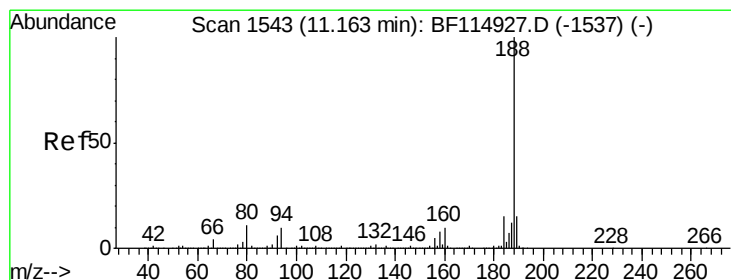
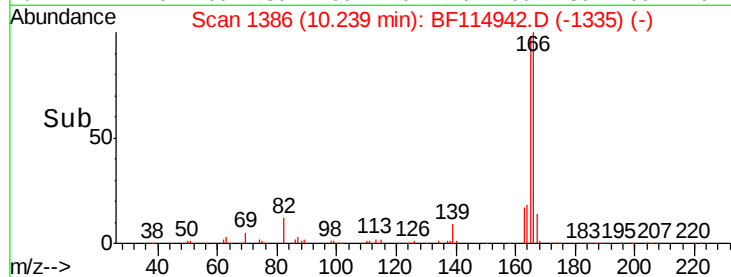
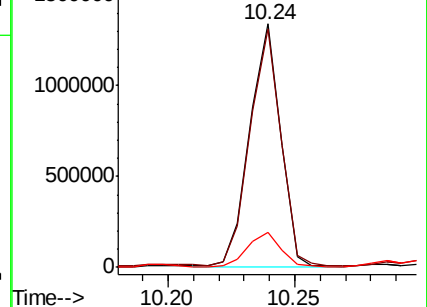
167 14.3 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.01 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

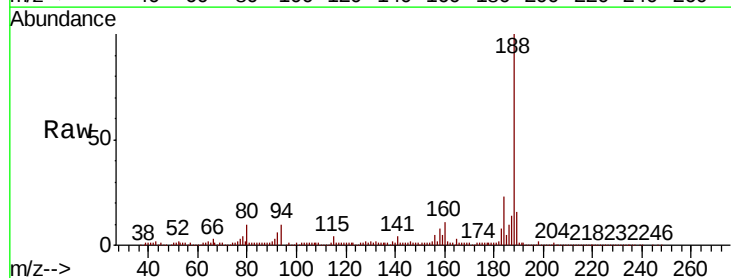
Tgt Ion:188 Resp: 892413

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

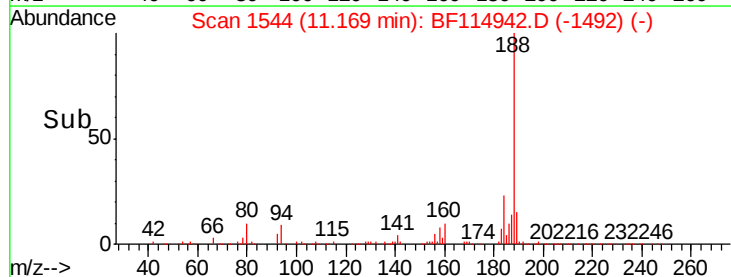
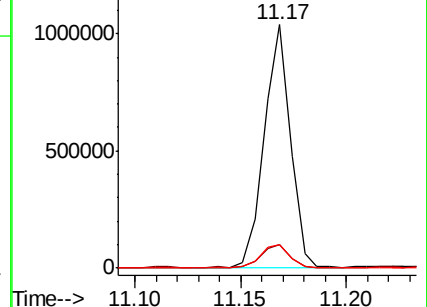
80 9.9 8.6 12.8

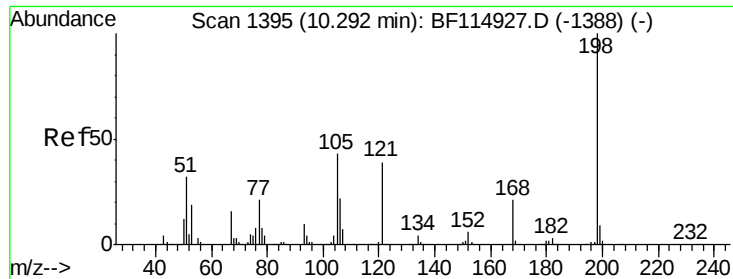


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

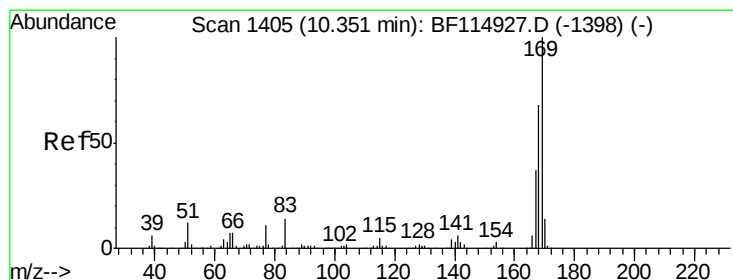
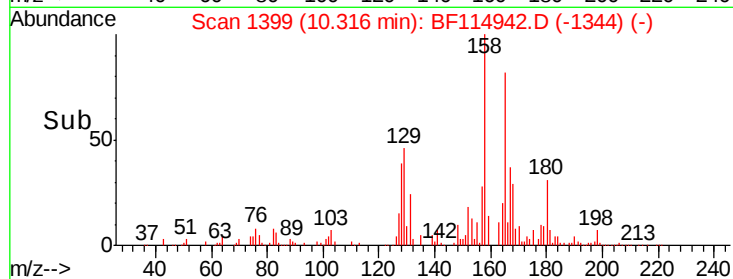
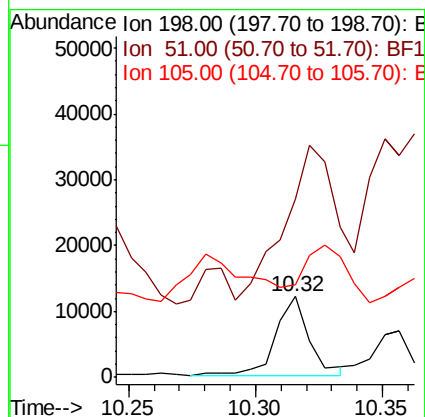
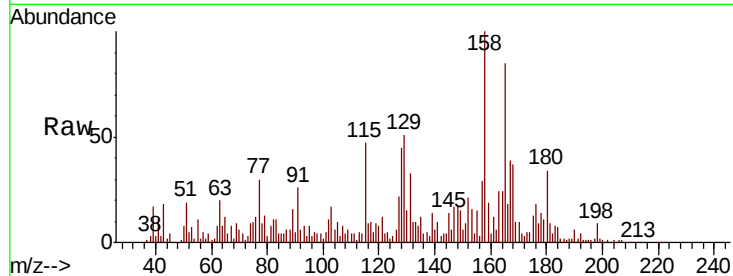




#65
4,6-Dinitro-2-methylphenol
Concen: 2.210 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.02 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

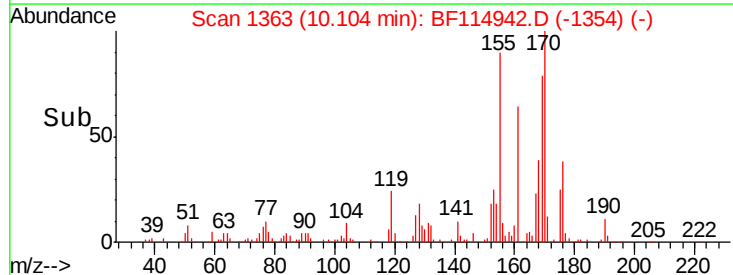
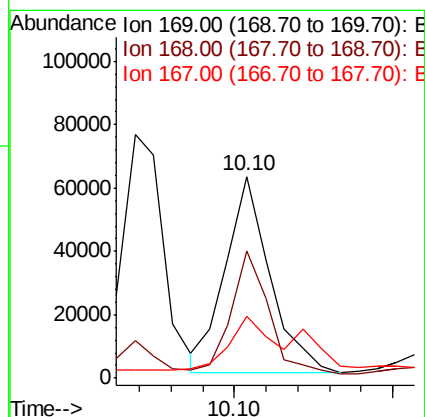
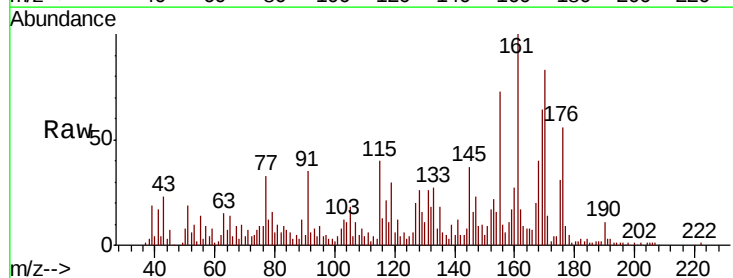
Instrument :
BNA_F
ClientSampled :
MW-4A

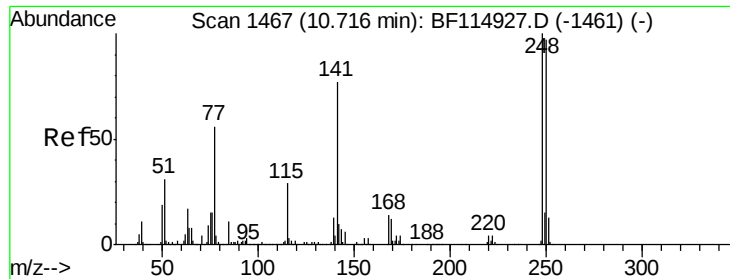
Tot Ion:198 Resp: 11062
Ion Ratio Lower Upper
198 100
51 220.6 16.8 56.8#
105 114.8 23.5 63.5#



#66
n-Nitrosodiphenylamine
Concen: 2.259 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.25 min
Lab File: BF114942.D
Acq: 11 Jun 2019 13:26

Tgt Ion:169 Resp: 59889
Ion Ratio Lower Upper
169 100
168 62.9 54.2 81.2
167 30.9 29.4 44.2

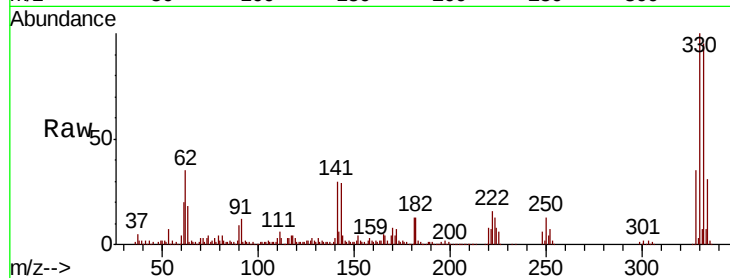




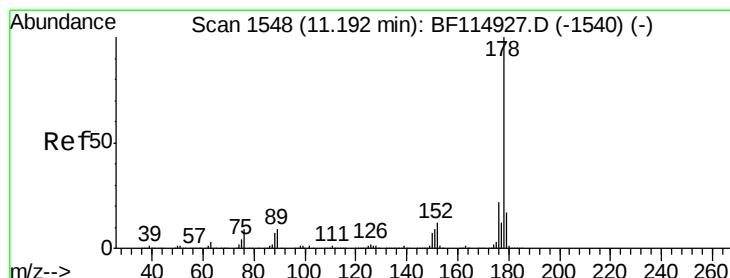
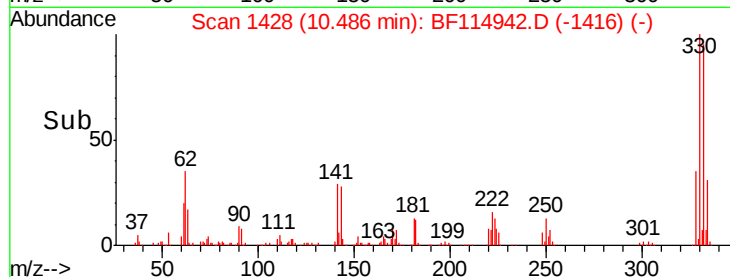
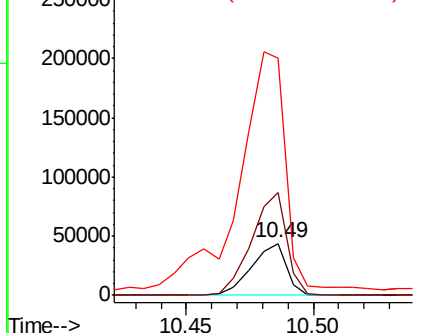
#67
 4-Bromophenyl-phenylether
 Concen: 4.333 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.23 min
 Lab File: BF114942.D
 Acq: 11 Jun 2019 13:26

Instrument :
 BNA_F
 ClientSampled :
 MW-4A

Tot Ion:248 Resp: 41884
 Ion Ratio Lower Upper
 248 100
 250 199.5 77.4 116.0#
 141 459.8 61.8 92.6#

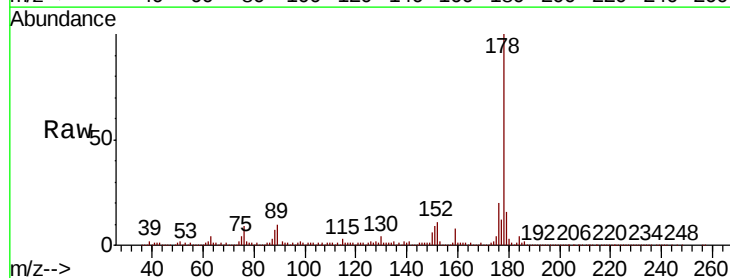


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

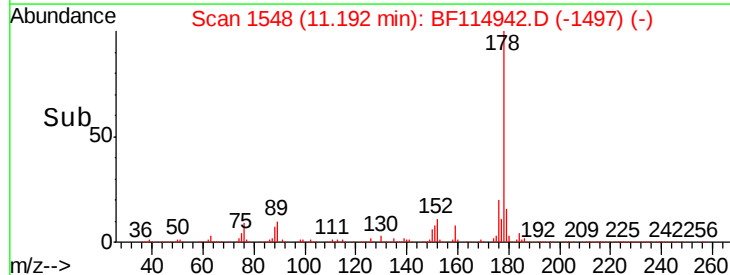
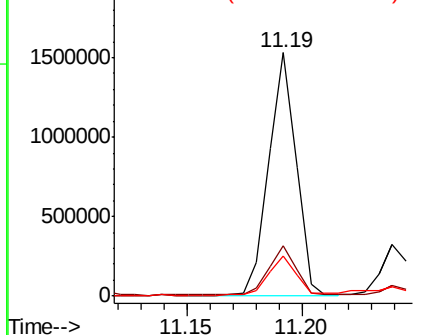


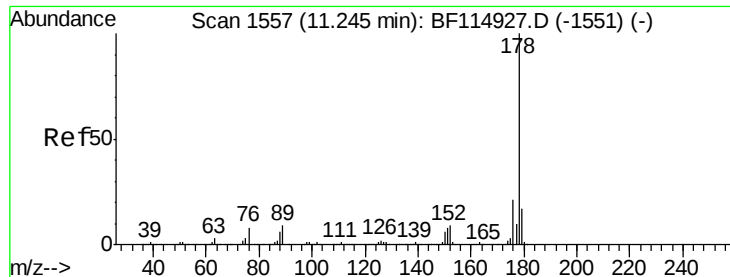
#71
 Phenanthrene
 Concen: 29.034 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF114942.D
 Acq: 11 Jun 2019 13:26

Tgt Ion:178 Resp: 1257100
 Ion Ratio Lower Upper
 178 100
 176 20.5 17.4 26.2
 179 16.4 13.6 20.4



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





#72

Anthracene

Concen: 5.934 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Instrument :

BNA_F

ClientSampleId :

MW-4A

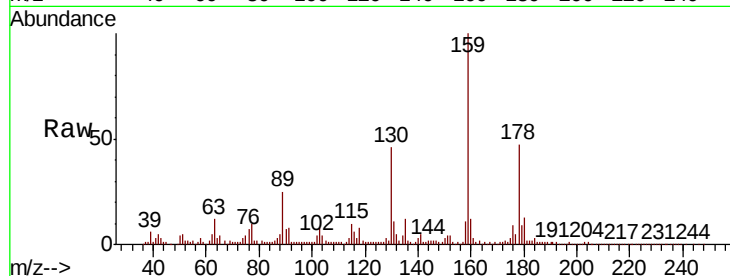
Tot Ion:178 Resp: 260797

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

179 18.6 13.4 20.2

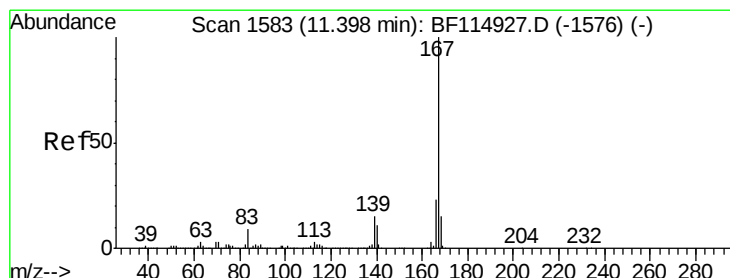
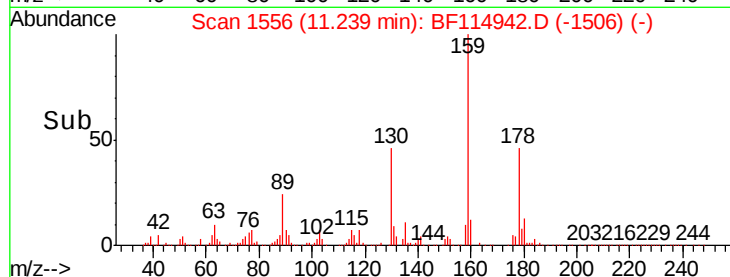
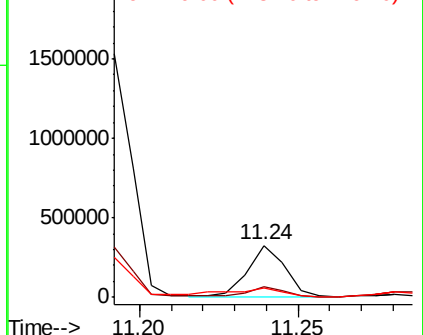


Abundance

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: 4.618 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

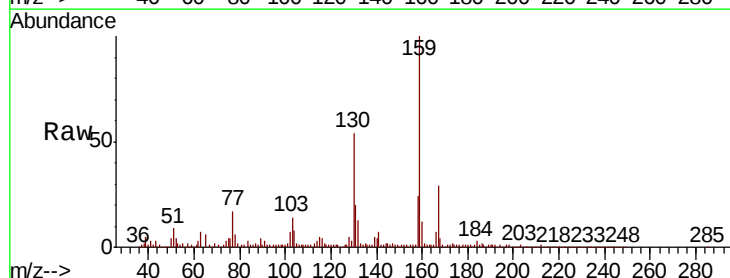
Tgt Ion:167 Resp: 184772

Ion Ratio Lower Upper

167 100

166 22.8 18.8 28.2

139 15.7 11.6 17.4

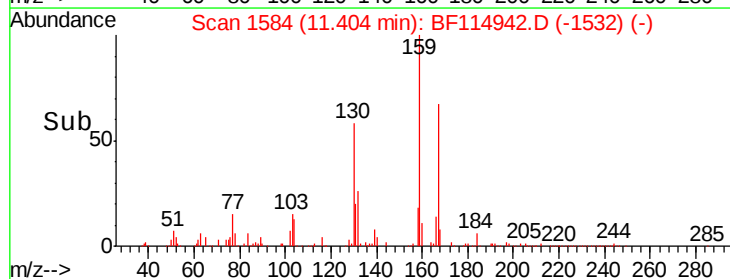
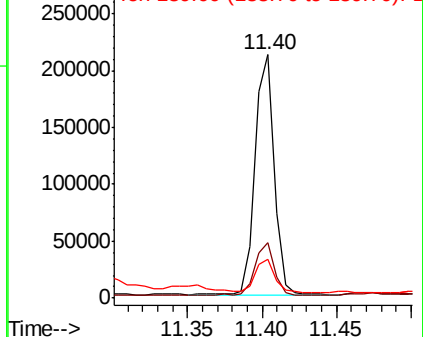


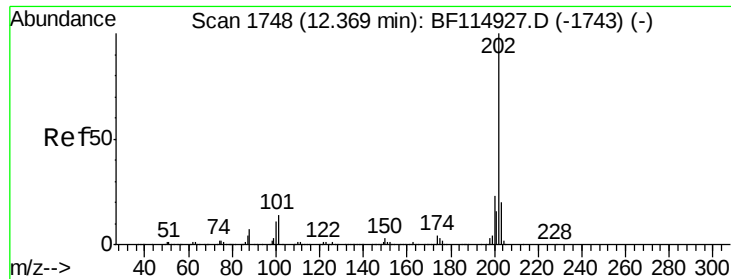
Abundance

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: 2.847 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Instrument :

BNA_F

ClientSampleId :

MW-4A

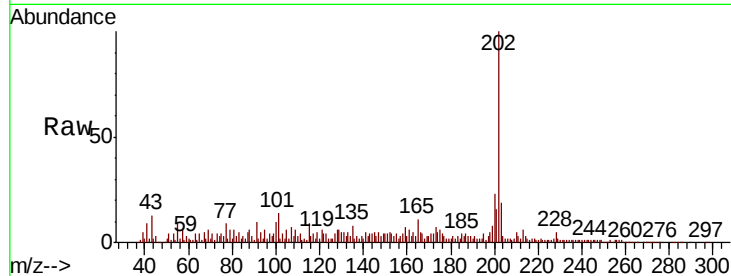
Tot Ion:202 Resp: 127494

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.3

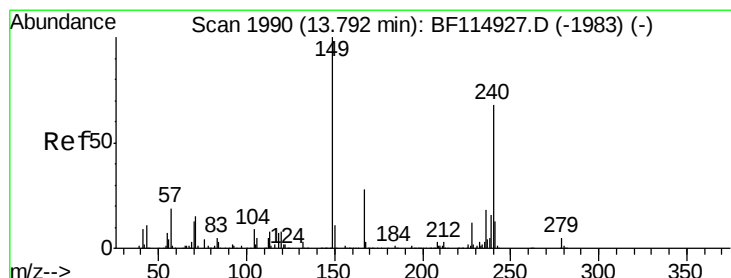
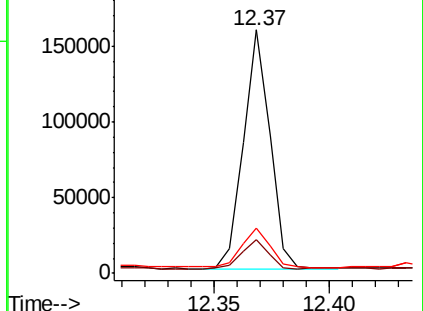
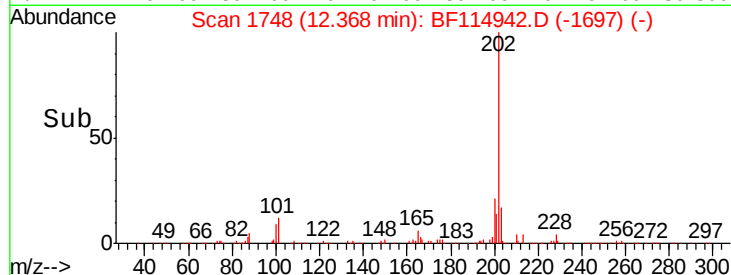
203 18.8 0.0 39.6



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: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

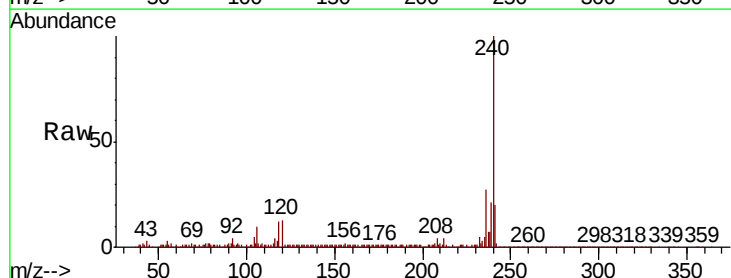
Tgt Ion:240 Resp: 623973

Ion Ratio Lower Upper

240 100

120 13.3 9.2 13.8

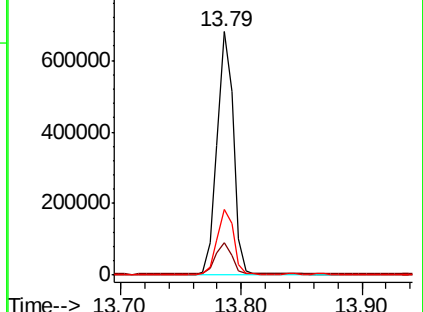
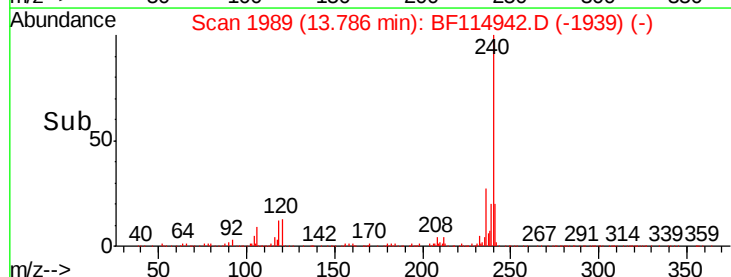
236 27.2 21.7 32.5

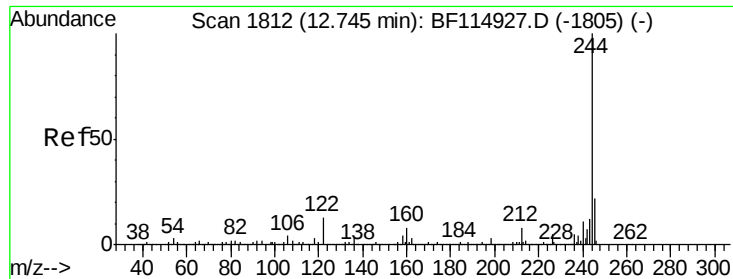


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.815 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

Instrument :

BNA_F

ClientSampleId :

MW-4A

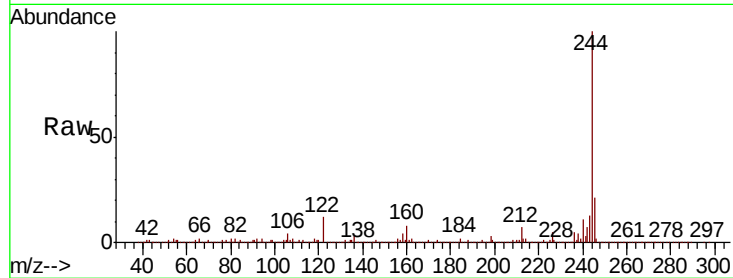
Tot Ion:244 Resp: 2629751

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

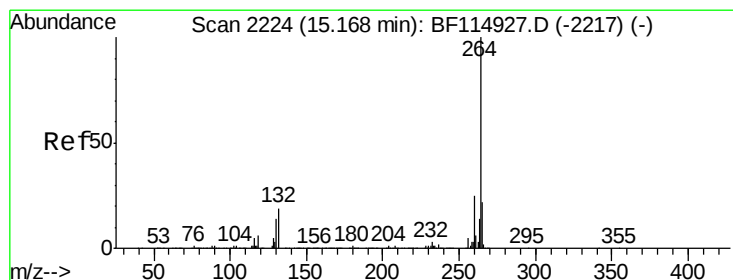
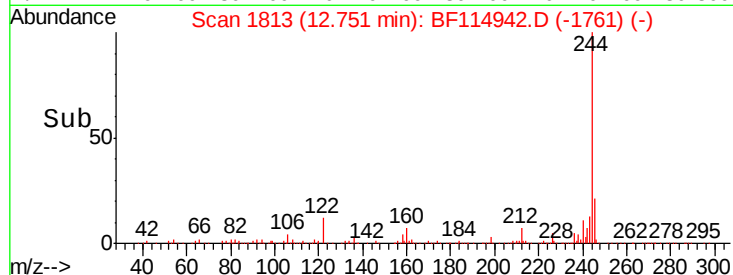
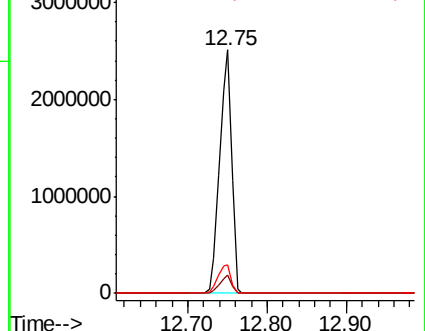
122 12.0 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF114942.D

Acq: 11 Jun 2019 13:26

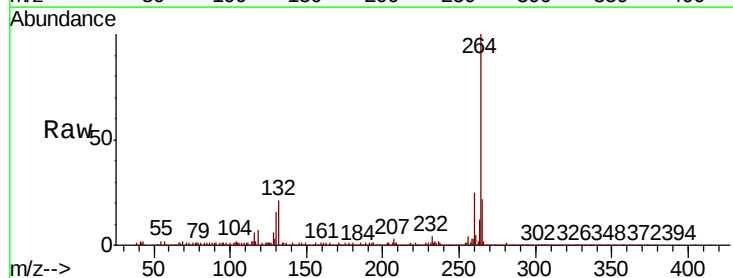
Tgt Ion:264 Resp: 701077

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.9 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

