

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115014.D
 Acq On : 13 Jun 2019 20:57
 Operator : HP/JU
 Sample : K3345-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219

Quant Time: Jun 14 03:49:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	255635	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	974678	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	467980	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	877771	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	570785	20.00	ng	-0.01
87) Perylene-d12	15.14	264	542450	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	828591	54.12	ng	0.00
7) Phenol-d6	6.28	99	652943	35.36	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1384141	85.48	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	565060	112.75	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2568770	93.03	ng	0.00
79) Terphenyl-d14	12.73	244	2474888	81.55	ng	0.00

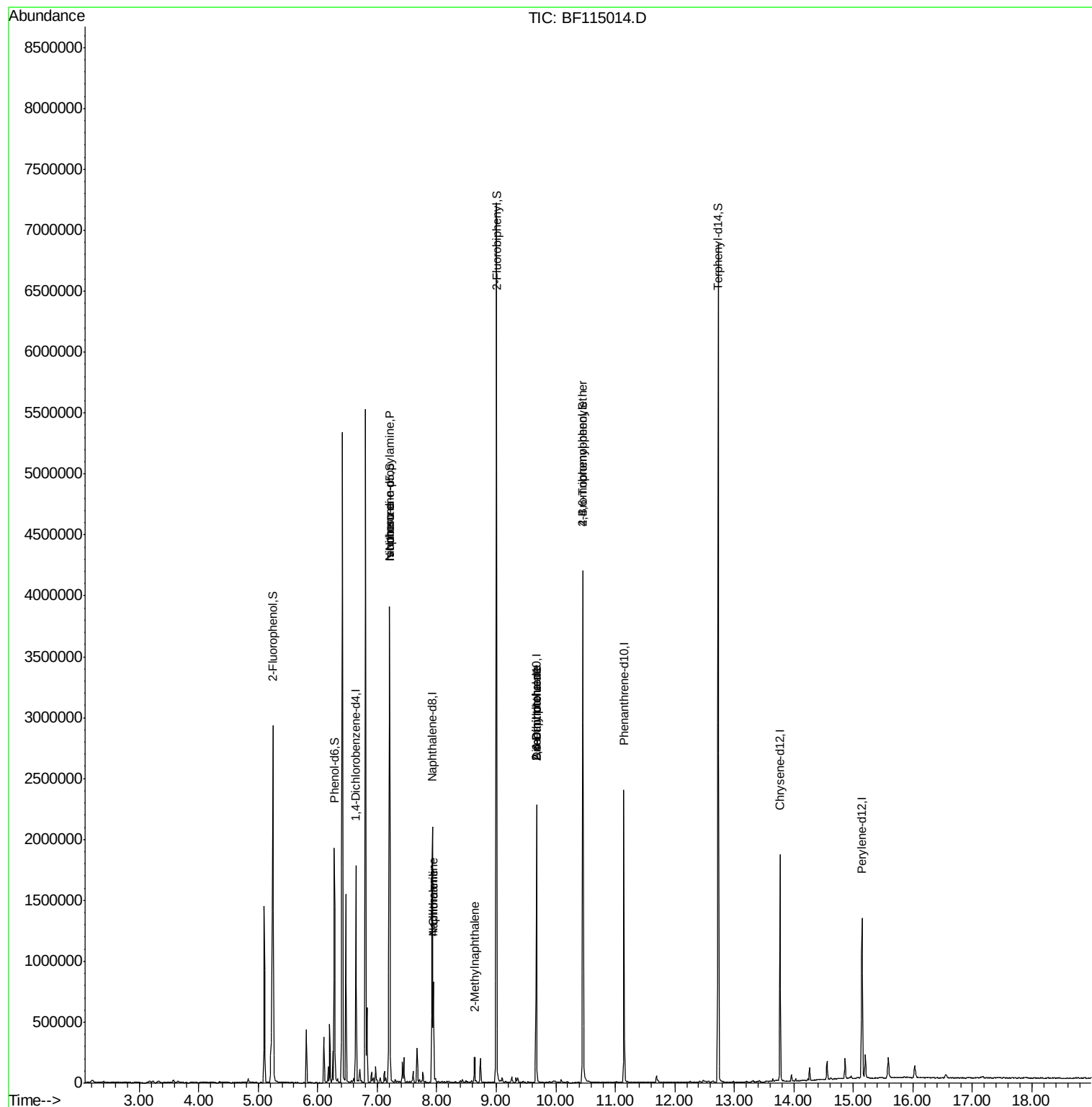
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.17	77	5215	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.21	70	182609	16.275	ng	# 76
25) Isophorone	7.21	82	1357151	44.749	ng	# 62
31) Naphthalene	7.95	128	351963	7.632	ng	# 98
33) 4-Chloroaniline	7.95	127	45078	2.118	ng	# 33
37) 2-Methylnaphthalene	8.64	142	66347	2.157	ng	# 95
50) Dimethylphthalate	9.67	163	132092	3.753	ng	# 1
51) 2,6-Dinitrotoluene	9.67	165	60237	7.545	ng	# 37
57) 2,4-Dinitrotoluene	9.67	165	60237	5.928	ng	# 30
58) Fluorene	10.22	166	937	Below Cal		# 85
67) 4-Bromophenyl-phenylether	10.46	248	36590	3.882	ng	# 1

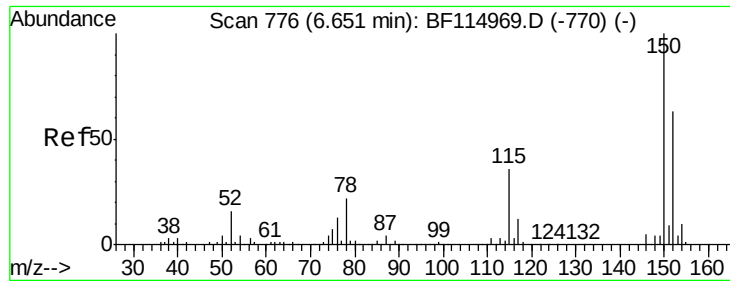
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

Instrument :

BNA_F

ClientSampleId :

MW-5_061219

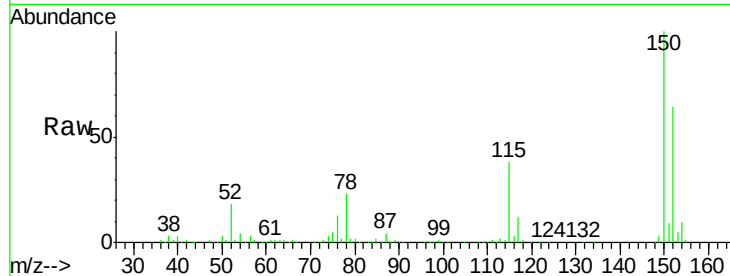
Tgt Ion:152 Resp: 255635

Ion Ratio Lower Upper

152 100

150 156.9 127.4 191.0

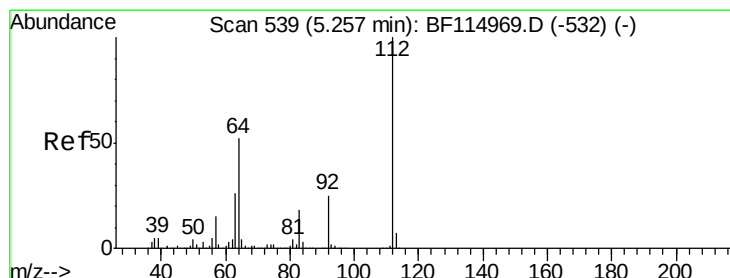
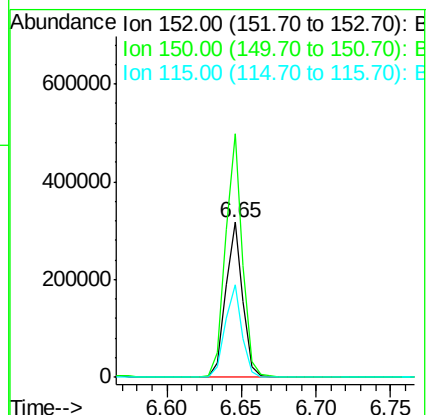
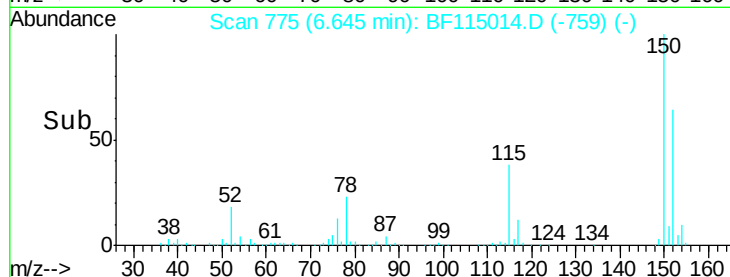
115 59.6 46.0 69.0



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



#5

2-Fluorophenol

Concen: 54.123 ng

RT: 5.25 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

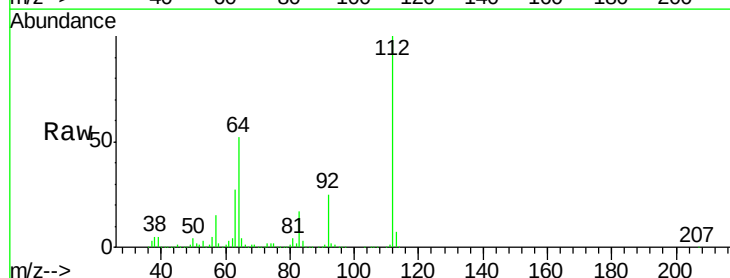
Tgt Ion:112 Resp: 828591

Ion Ratio Lower Upper

112 100

64 52.1 41.6 62.4

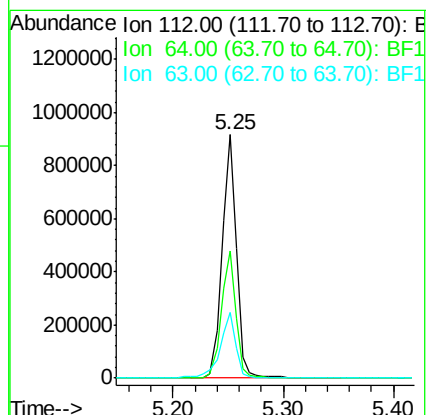
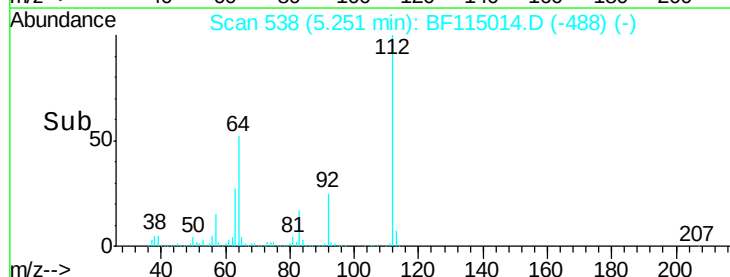
63 26.9 20.9 31.3

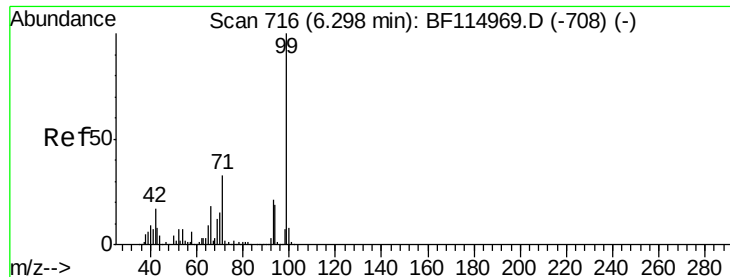


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 35.356 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

Instrument :

BNA_F

ClientSampleId :

MW-5 061219

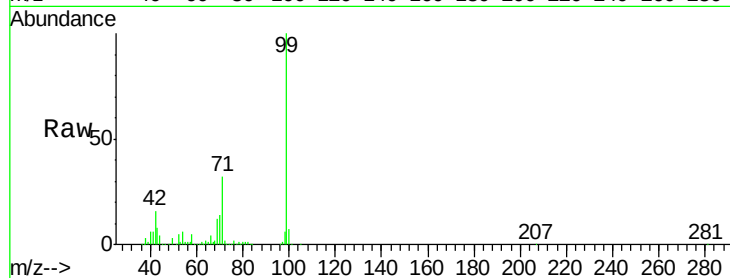
Tgt Ion: 99 Resp: 652943

Ion Ratio Lower Upper

99 100

42 16.0 13.4 20.2

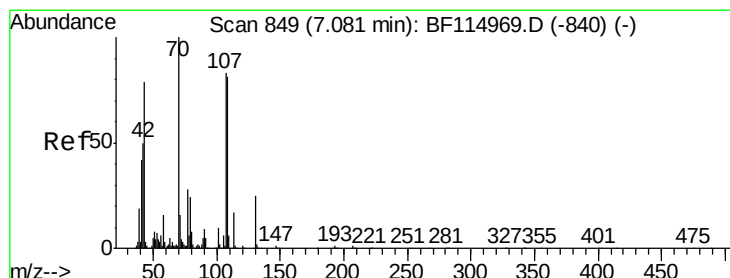
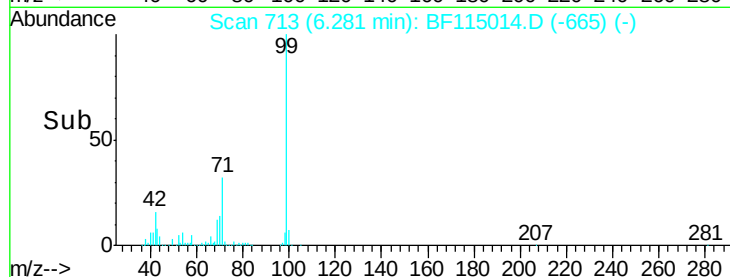
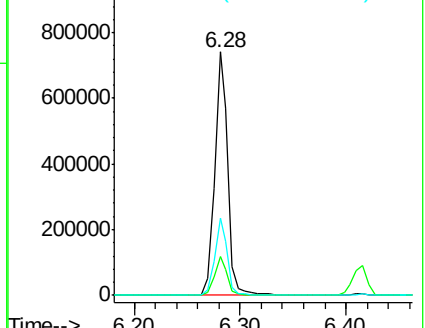
71 31.8 26.4 39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.275 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

Tgt Ion: 70 Resp: 182609

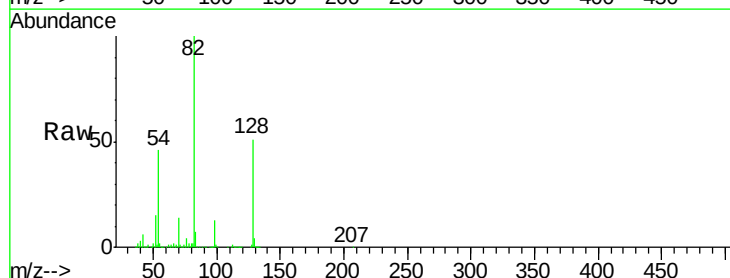
Ion Ratio Lower Upper

70 100

42 41.7 40.3 60.5

101 0.0 8.2 12.4#

130 2.6 20.3 30.5#

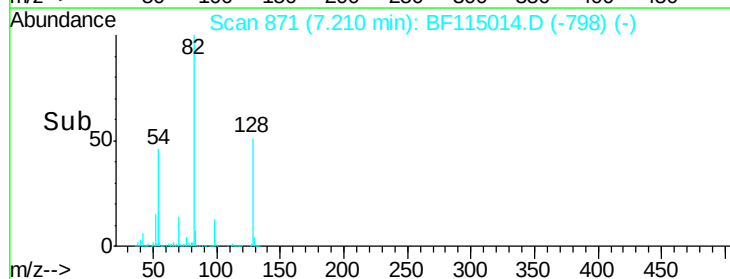
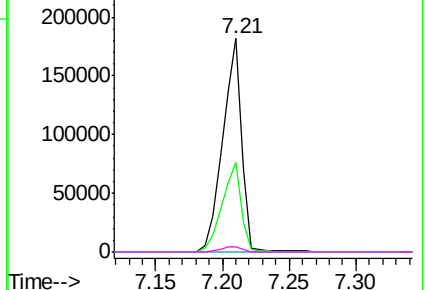


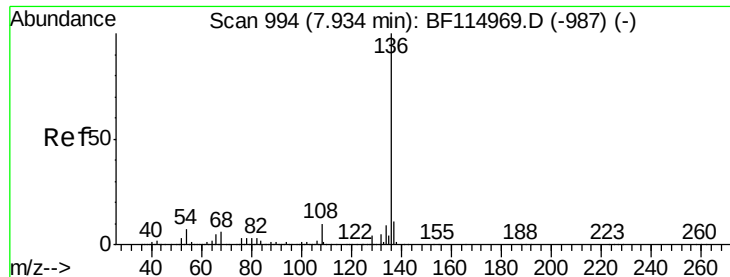
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

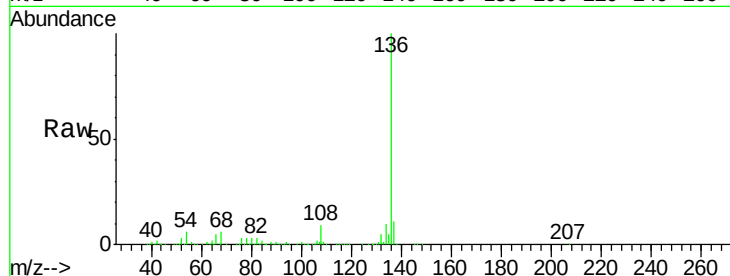




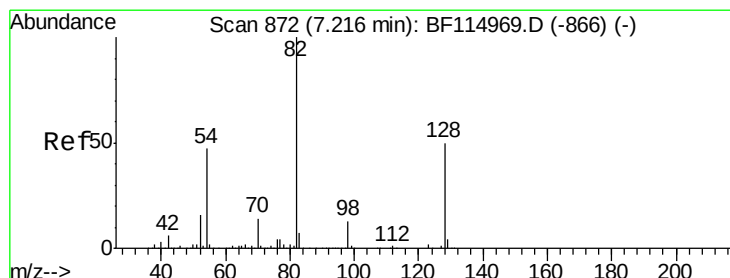
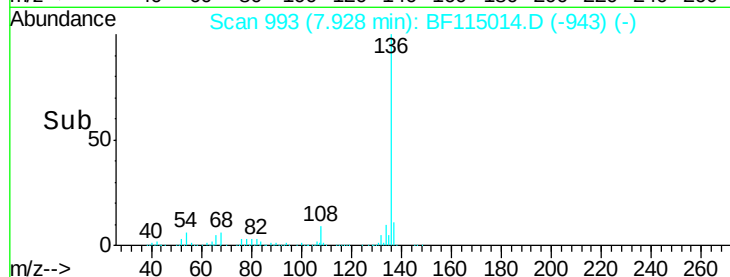
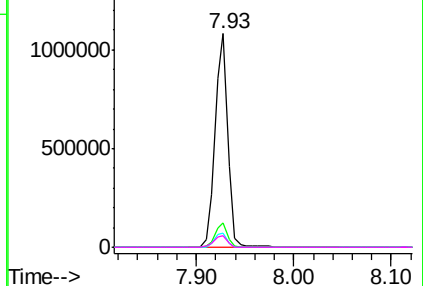
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115014.D
Acq: 13 Jun 2019 20:57

Instrument :
BNA_F
ClientSampleId :
MW-5_061219

Tgt Ion:	136	Resp:	974678
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.5	5.4	8.0
68	5.5	4.6	7.0

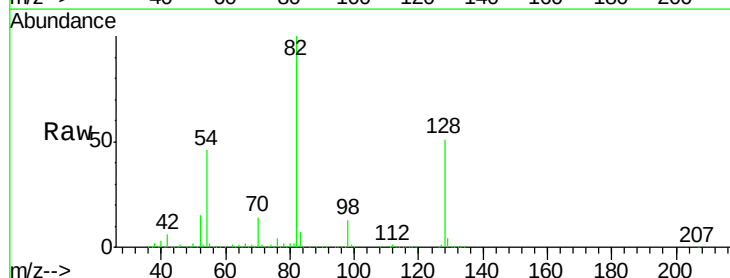


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

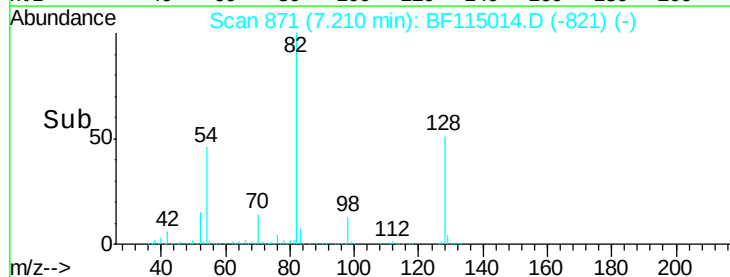
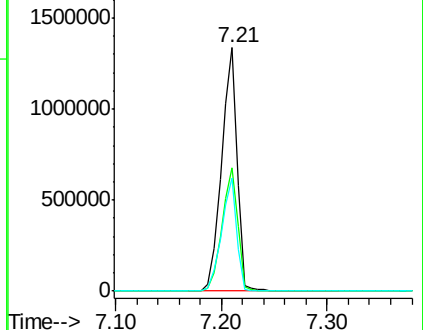


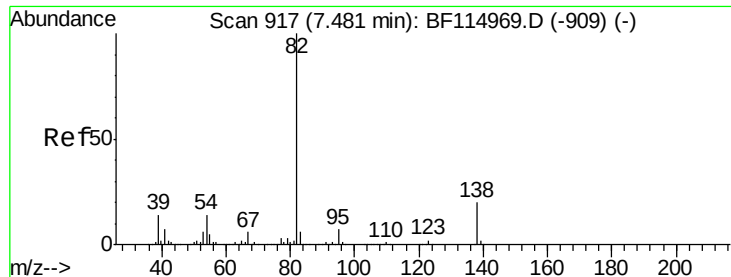
#23
Nitrobenzene-d5
Concen: 85.479 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115014.D
Acq: 13 Jun 2019 20:57

Tgt Ion:	82	Resp:	1384141
Ion	Ratio	Lower	Upper
82	100		
128	50.7	39.9	59.9
54	46.4	37.3	55.9



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





#25

Isophorone

Concen: 44.749 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

Instrument :

BNA_F

ClientSampleId :

MW-5_061219

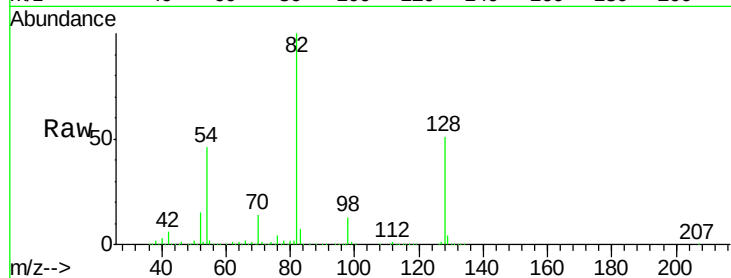
Tgt Ion: 82 Resp: 1357151

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

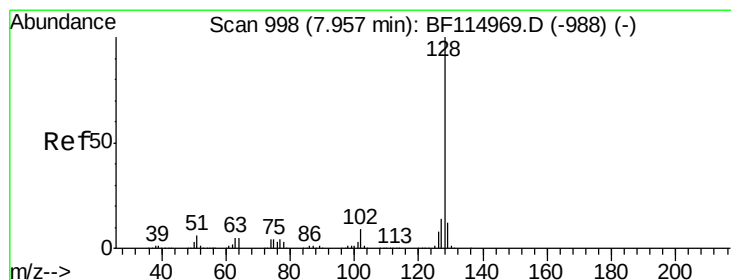
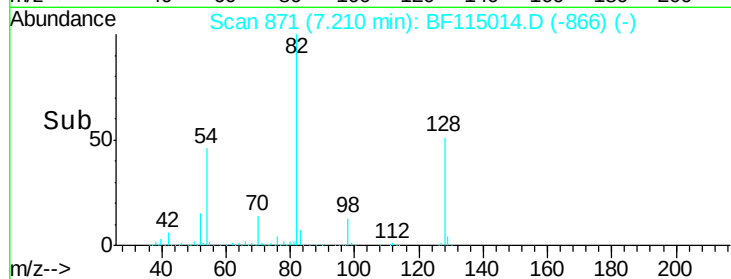
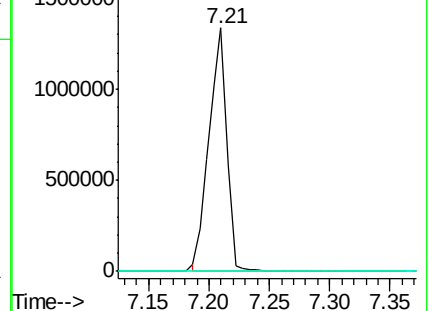
138 0.0 16.1 24.1#



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



#31

Naphthalene

Concen: 7.632 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

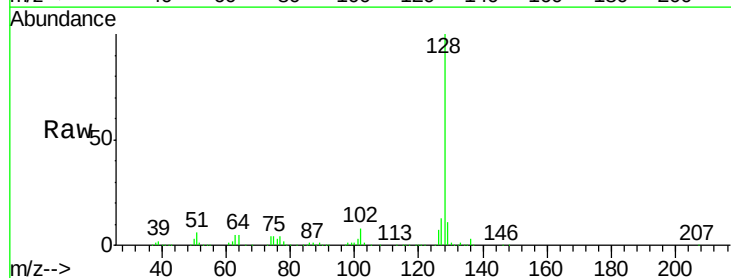
Tgt Ion: 128 Resp: 351963

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

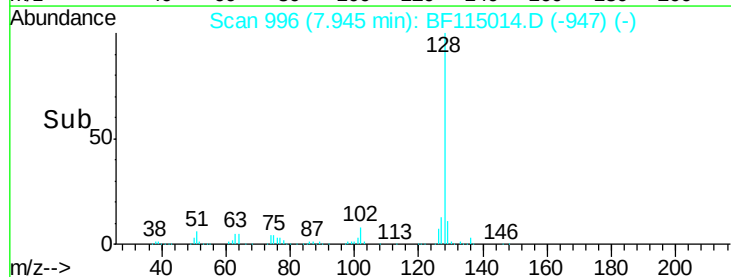
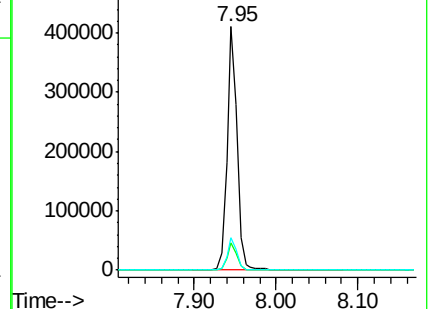
127 13.2 11.5 17.3

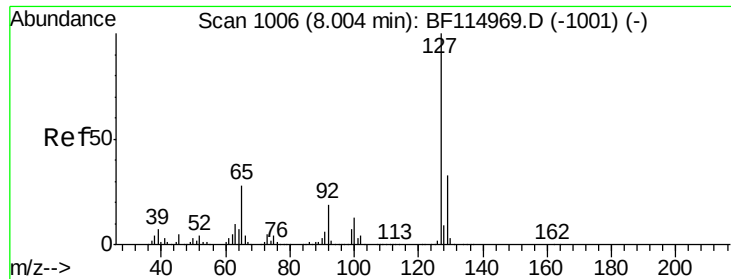


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

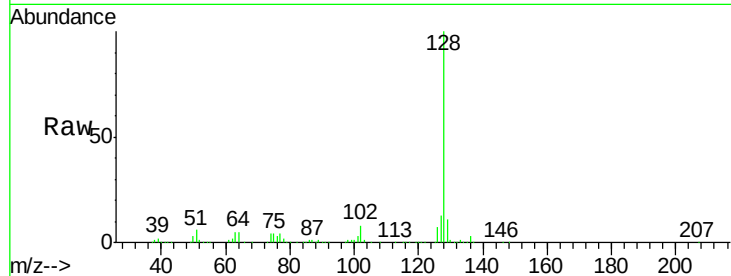




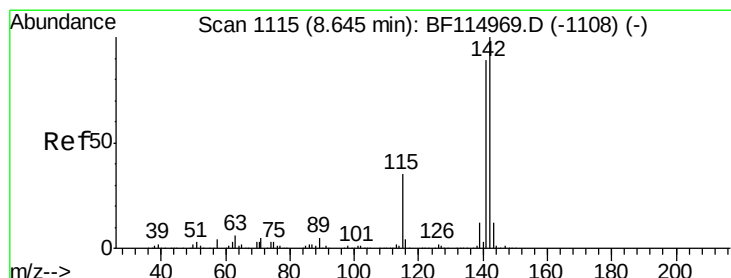
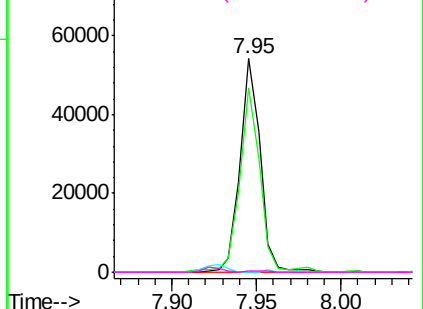
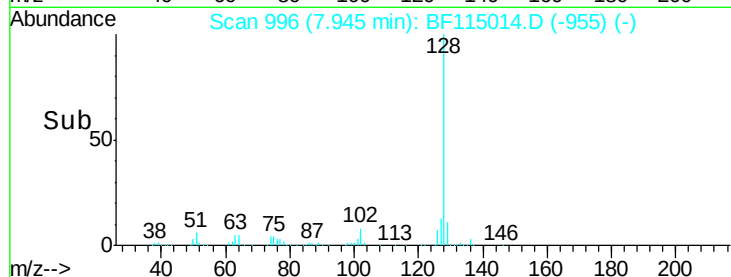
#33
 4-Chloroaniline
 Concen: 2.118 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.06 min
 Lab File: BF115014.D
 Acq: 13 Jun 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219

Tgt Ion:	127	Resp:	45078
Ion	Ratio	Lower	Upper
127	100		
129	86.2	26.1	39.1#
65	0.0	22.3	33.5#
92	0.7	15.3	22.9#

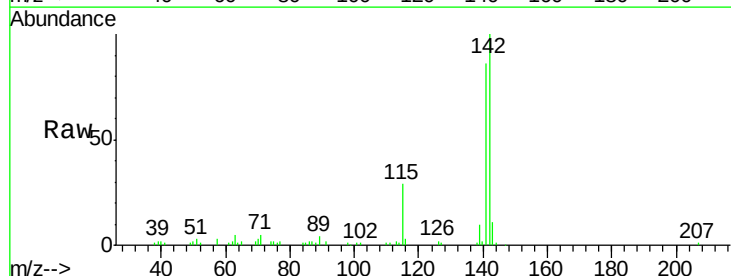


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

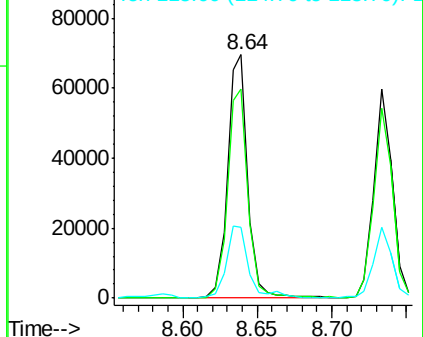
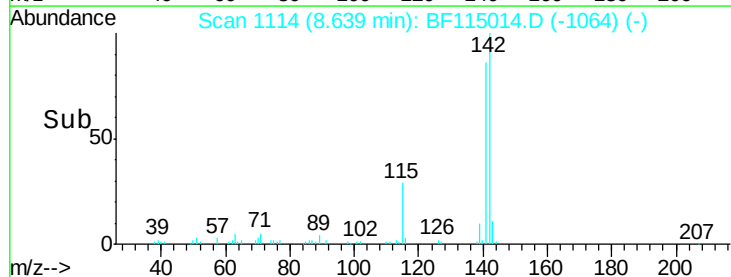


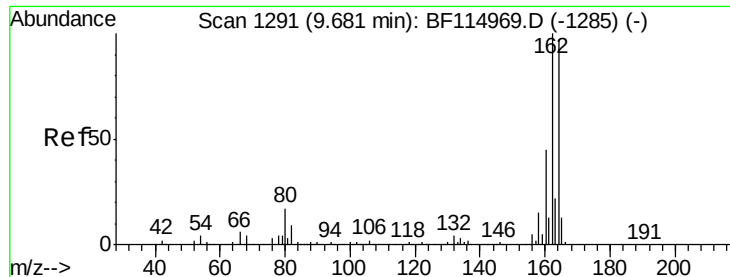
#37
 2-Methylnaphthalene
 Concen: 2.157 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF115014.D
 Acq: 13 Jun 2019 20:57

Tgt Ion:	142	Resp:	66347
Ion	Ratio	Lower	Upper
142	100		
141	86.1	71.0	106.6
115	29.0	27.9	41.9



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

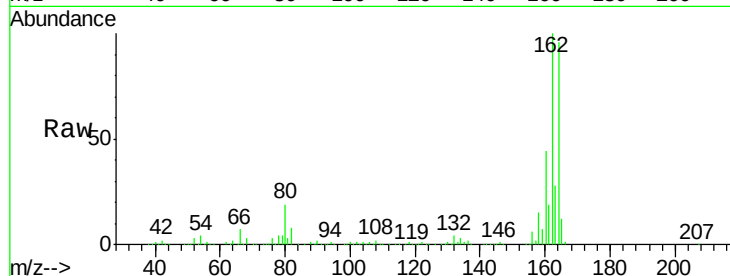




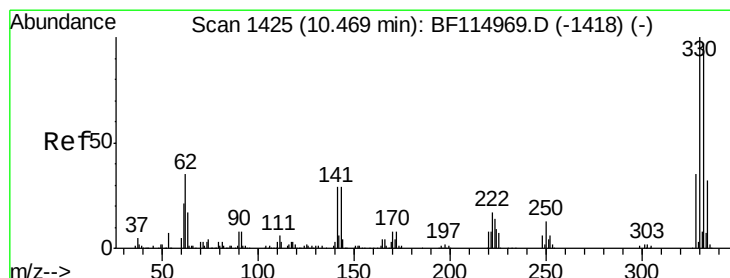
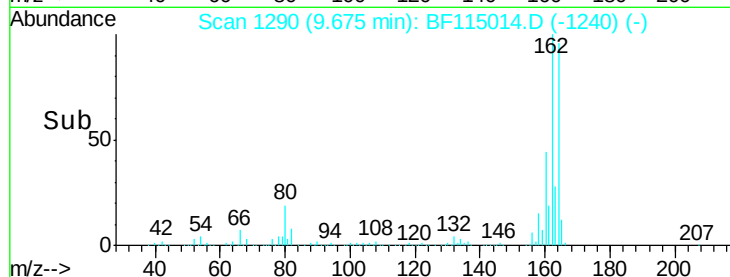
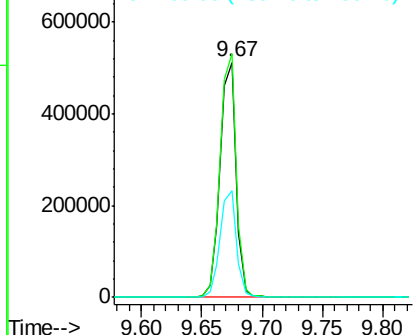
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115014.D
Acq: 13 Jun 2019 20:57

Instrument :
BNA_F
ClientSampleId :
MW-5_061219

Tgt Ion:164 Resp: 467980
Ion Ratio Lower Upper
164 100
162 103.7 82.6 124.0
160 45.5 36.9 55.3

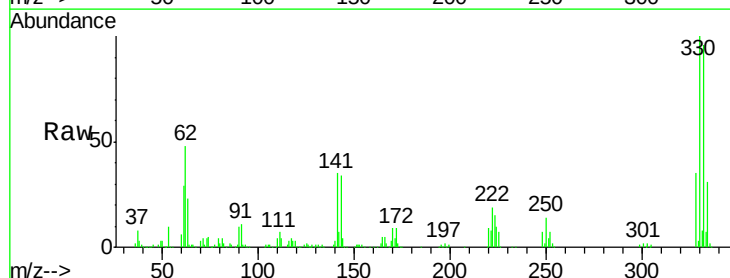


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

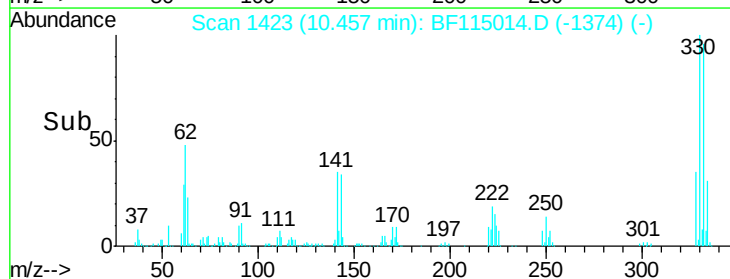
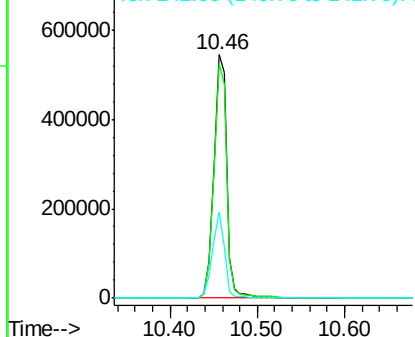


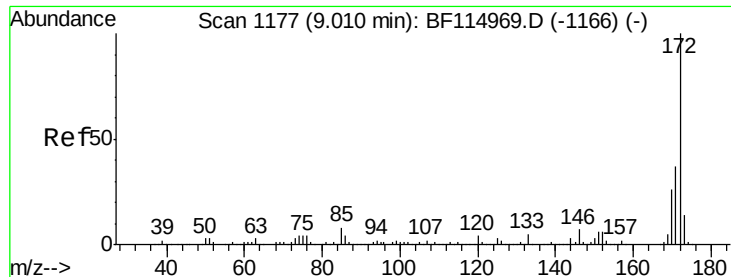
#42
2,4,6-Tribromophenol
Concen: 112.755 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115014.D
Acq: 13 Jun 2019 20:57

Tgt Ion:330 Resp: 565060
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 33.0 27.2 40.8



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

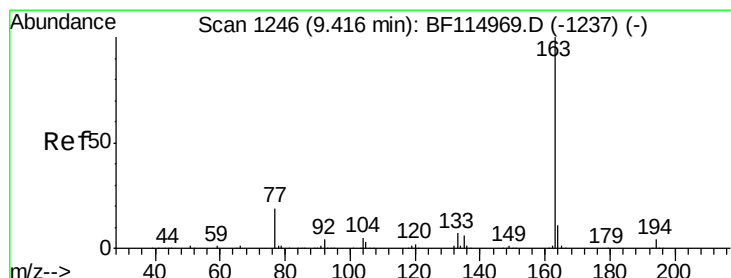
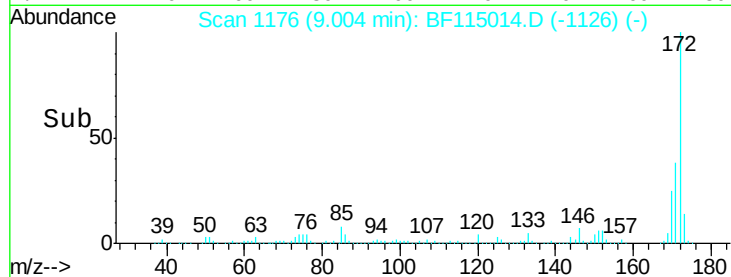
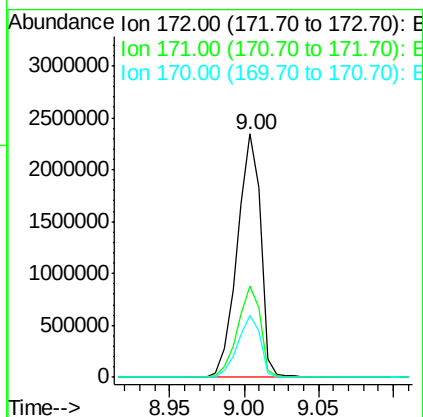
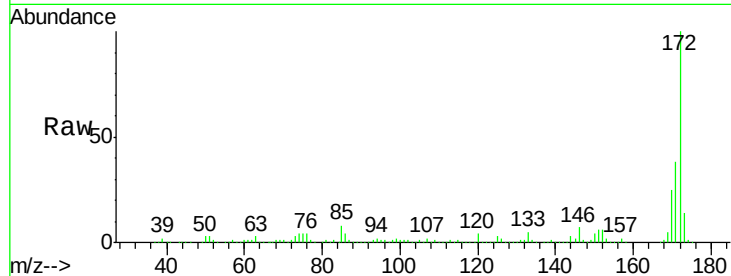




#45
2-Fluorobiphenyl
Concen: 93.031 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115014.D
Acq: 13 Jun 2019 20:57

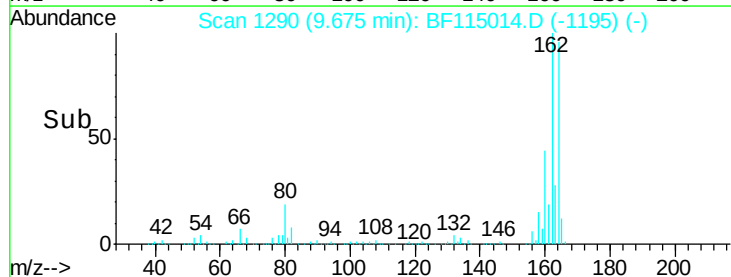
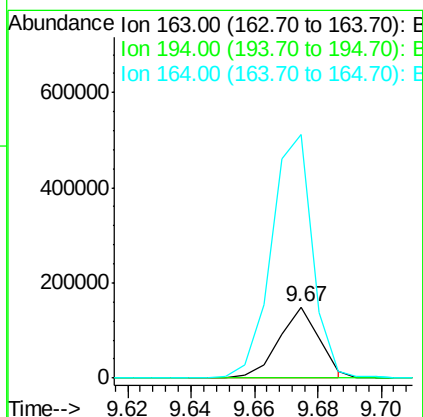
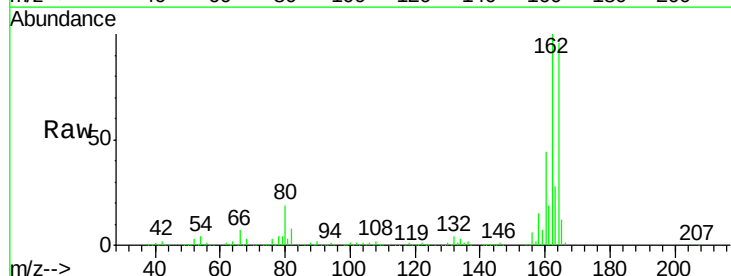
Instrument :
BNA_F
ClientSampleId :
MW-5_061219

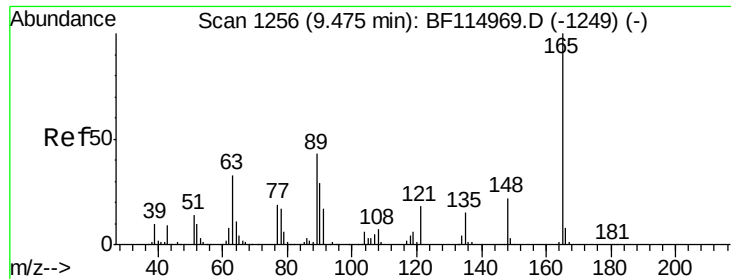
Tgt Ion:172 Resp: 2568770
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 25.5 20.6 31.0



#50
Dimethylphthalate
Concen: 3.753 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.26 min
Lab File: BF115014.D
Acq: 13 Jun 2019 20:57

Tgt Ion:163 Resp: 132092
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 342.5 8.6 12.8#

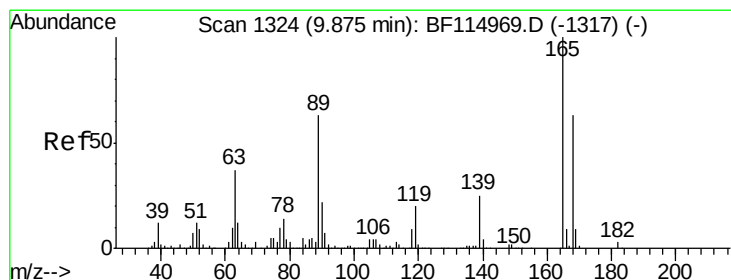
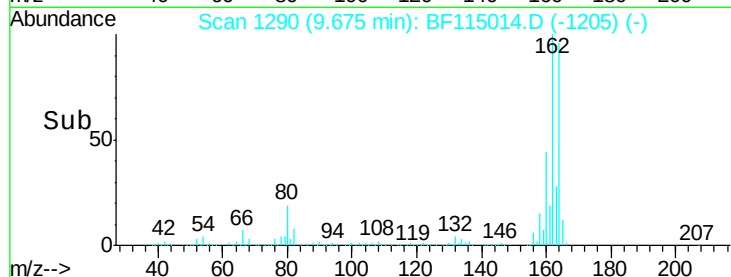
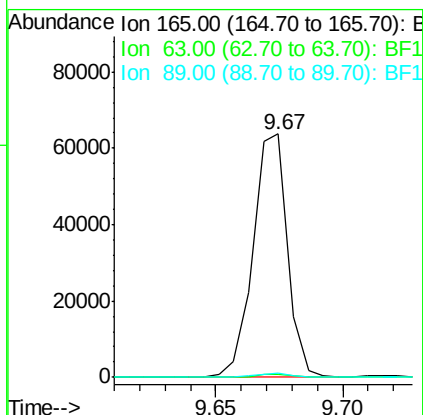
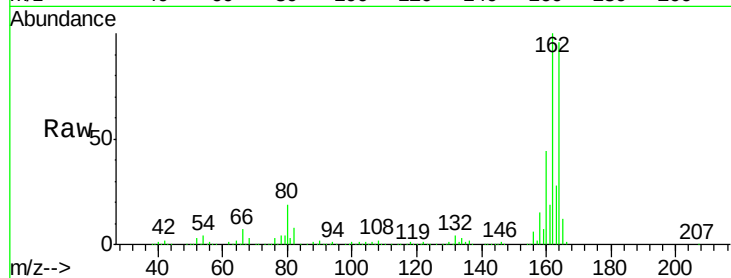




#51
 2,6-Dinitrotoluene
 Concen: 7.545 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.20 min
 Lab File: BF115014.D
 Acq: 13 Jun 2019 20:57

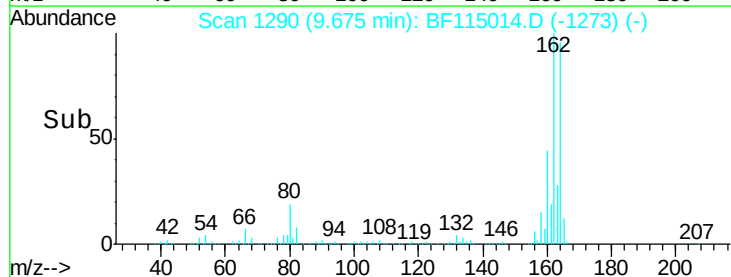
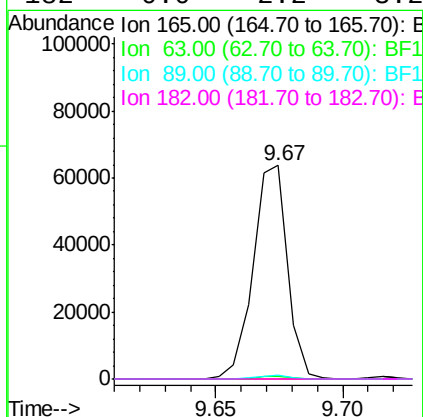
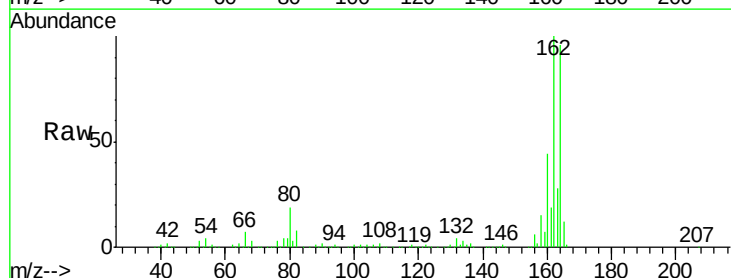
Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219

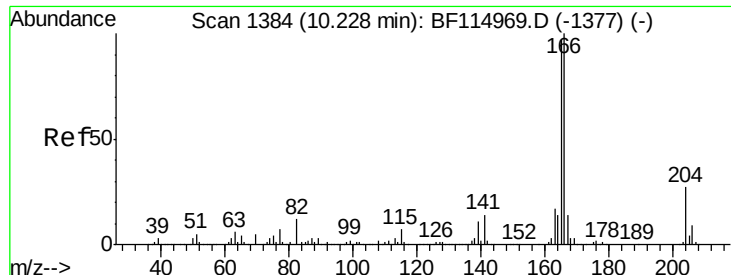
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.6	46.0#
89	1.6	34.4	51.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.928 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115014.D
 Acq: 13 Jun 2019 20:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.4	44.2#
89	1.6	50.6	75.8#
182	0.0	2.2	3.2#





#58

Fluorene

Concen: Below Cal

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

Instrument :

BNA_F

ClientSampleId :

MW-5 061219

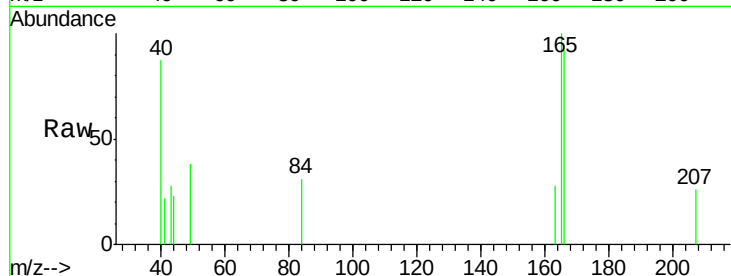
Tgt Ion:166 Resp: 937

Ion Ratio Lower Upper

166 100

165 109.1 77.6 116.4

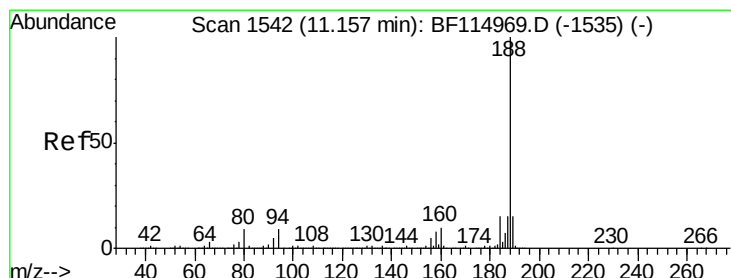
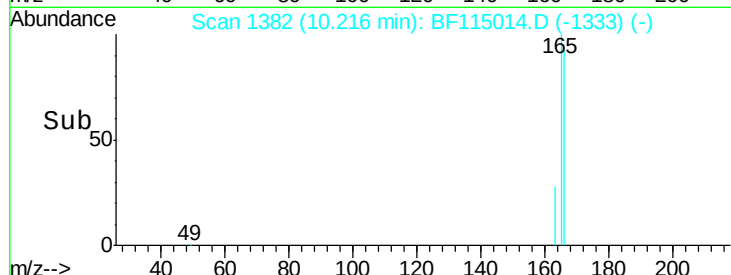
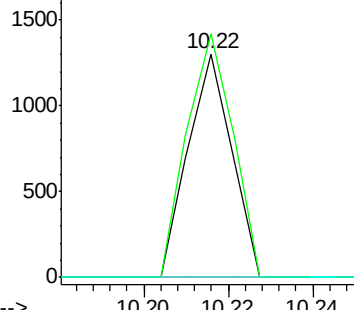
167 0.0 11.0 16.4#



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: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

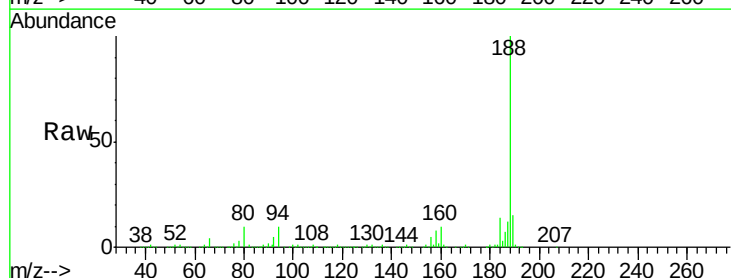
Tgt Ion:188 Resp: 877771

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

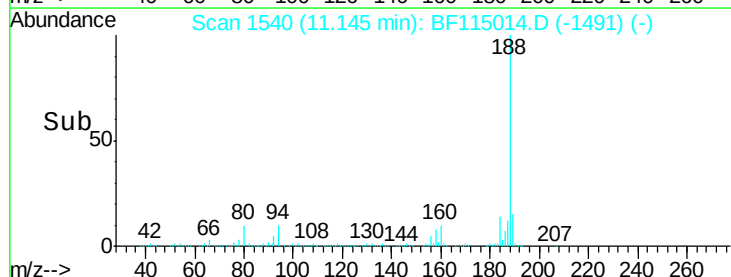
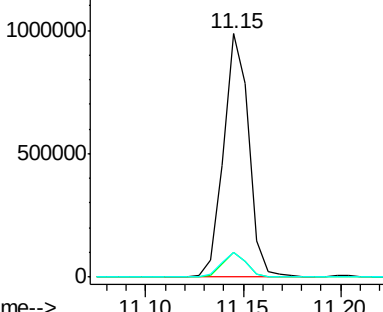
80 10.4 7.4 11.2

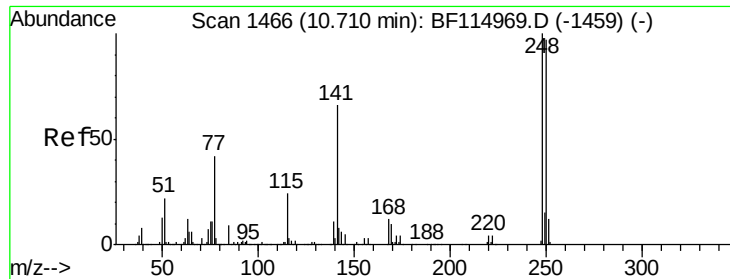


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

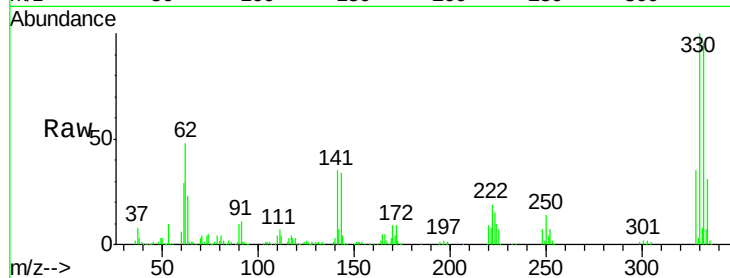




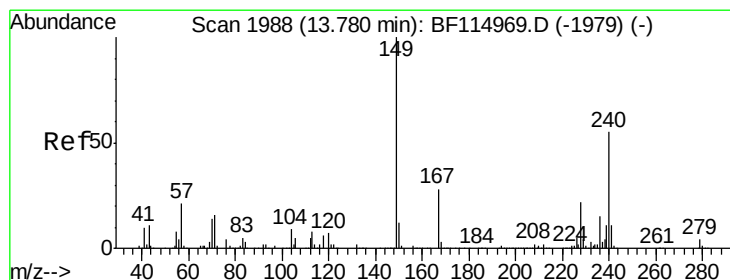
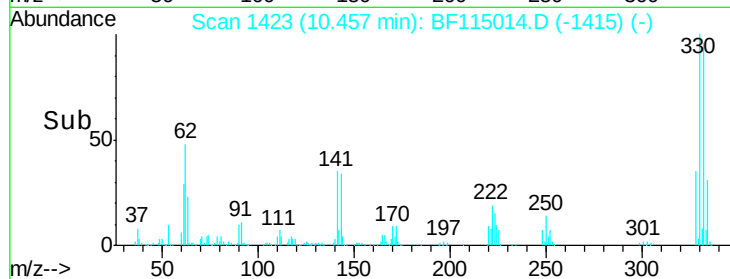
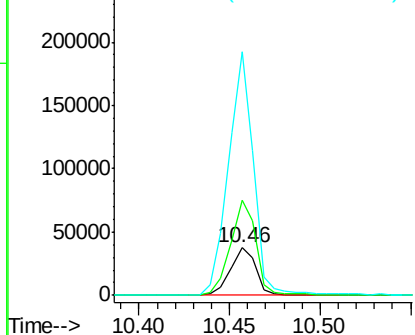
#67
4-Bromophenyl-phenylether
Concen: 3.882 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115014.D
Acq: 13 Jun 2019 20:57

Instrument :
BNA_F
ClientSampleId :
MW-5_061219

Tgt Ion:248 Resp: 36590
Ion Ratio Lower Upper
248 100
250 202.5 77.8 116.8#
141 515.2 53.1 79.7#

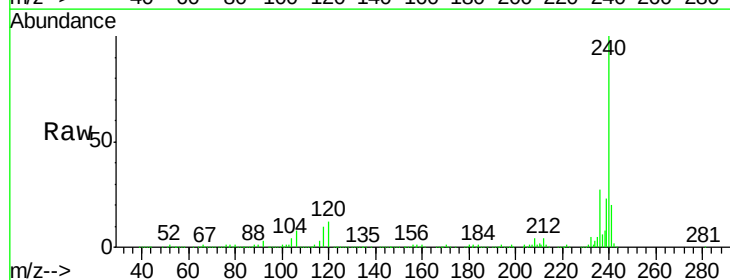


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

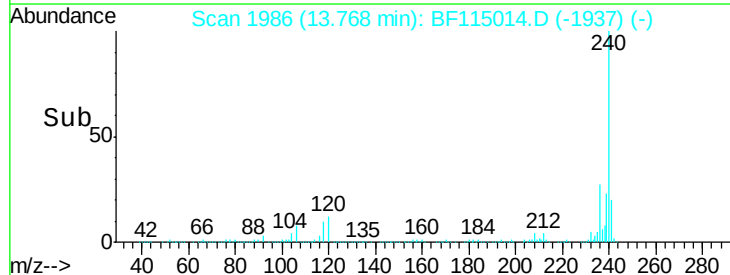
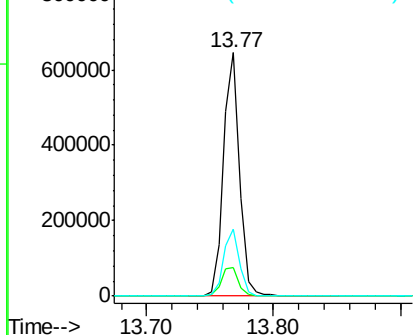


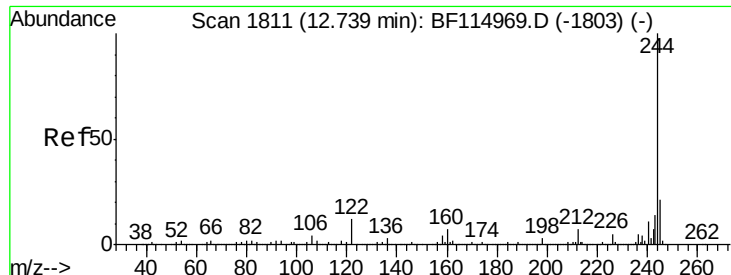
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115014.D
Acq: 13 Jun 2019 20:57

Tgt Ion:240 Resp: 570785
Ion Ratio Lower Upper
240 100
120 11.9 10.0 15.0
236 27.3 21.6 32.4



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: 81.553 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

Instrument :

BNA_F

ClientSampleId :

MW-5_061219

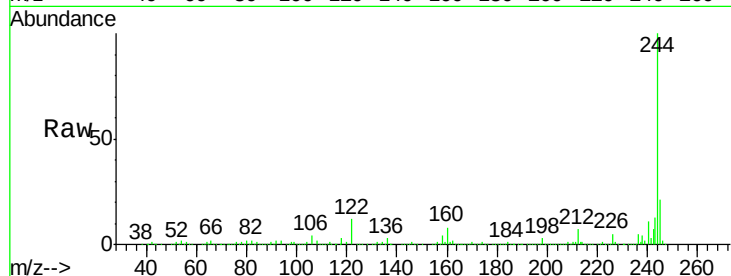
Tgt Ion:244 Resp: 2474888

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

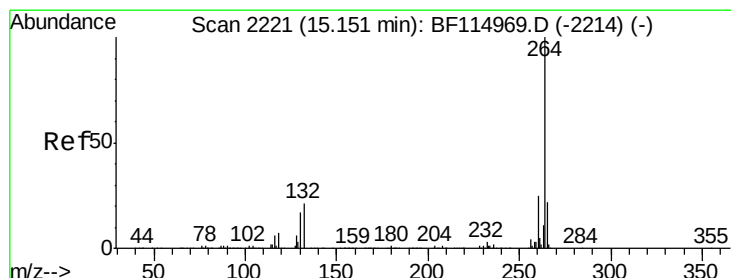
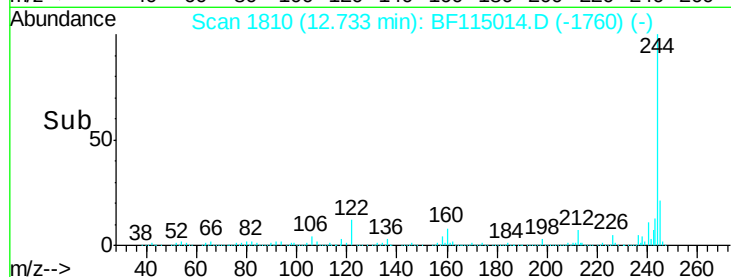
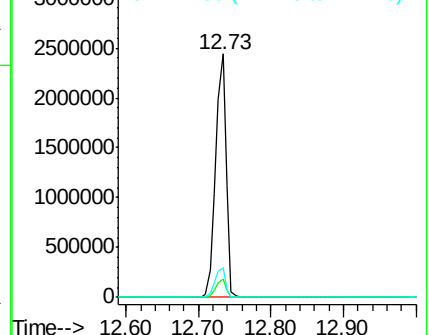
122 12.2 9.4 14.0



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: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF115014.D

Acq: 13 Jun 2019 20:57

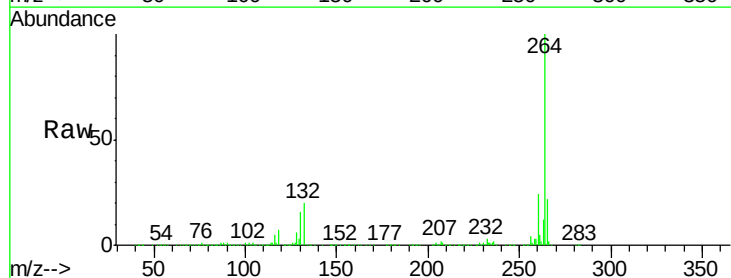
Tgt Ion:264 Resp: 542450

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 22.0 17.6 26.4



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

