

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115008.D
 Acq On : 13 Jun 2019 18:17
 Operator : HP/JU
 Sample : K3345-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-6_061119

Quant Time: Jun 14 03:48:06 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

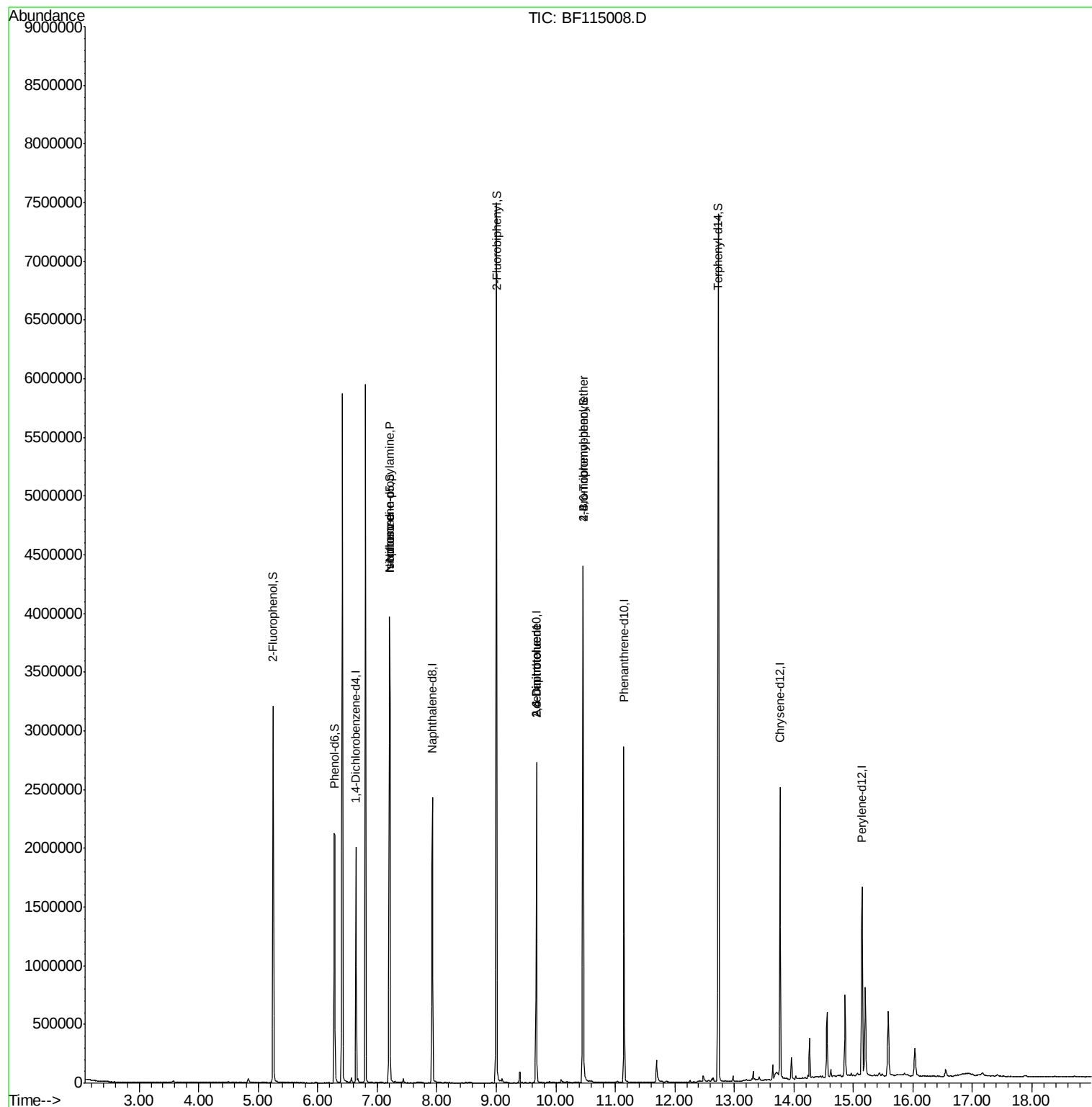
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	298454	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1134266	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	553863	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1056706	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	733645	20.00	ng	-0.01
87) Perylene-d12	15.14	264	692001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1013707	56.71	ng	0.00
7) Phenol-d6	6.29	99	808134	37.48	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1608089	85.34	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	681749	114.94	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2859237	87.49	ng	0.00
79) Terphenyl-d14	12.73	244	2957865	75.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.28	77	1461	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.21	70	213311	16.283 ng	#	78
25) Isophorone	7.21	82	1573920	44.595 ng	#	62
51) 2,6-Dinitrotoluene	9.67	165	72006	7.621 ng	#	37
57) 2,4-Dinitrotoluene	9.67	165	72006	5.988 ng	#	29
58) Fluorene	10.46	166	30356	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.46	248	44321	3.906 ng	#	1

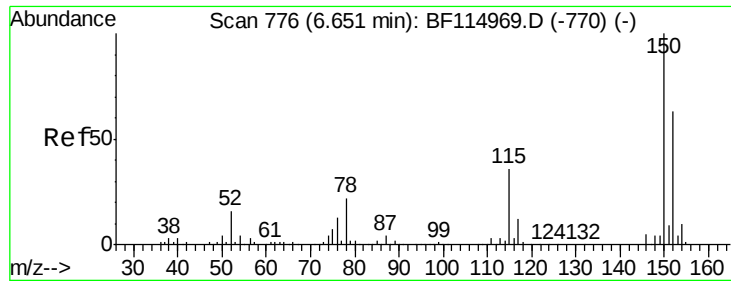
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
Data File : BF115008.D
Acq On : 13 Jun 2019 18:17
Operator : HP/JU
Sample : K3345-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-MW-6_061119

Quant Time: Jun 14 03:48:06 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

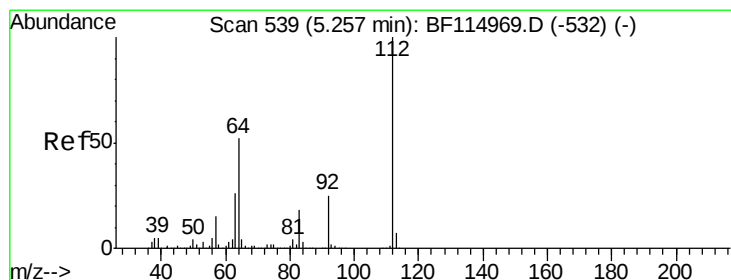
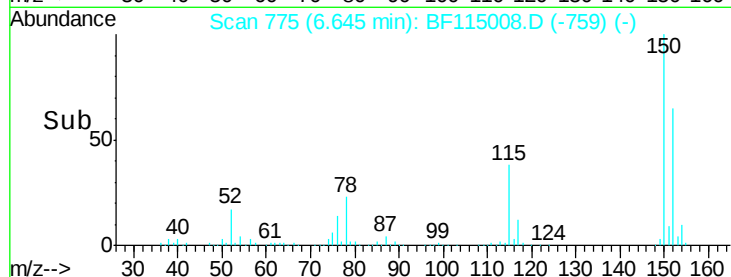
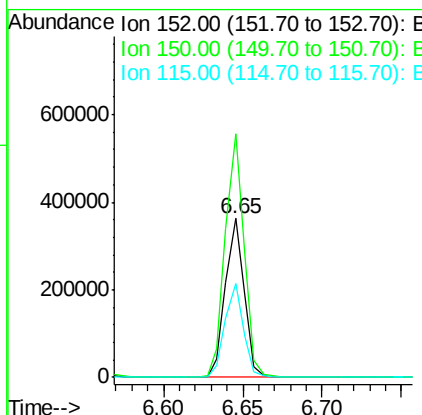
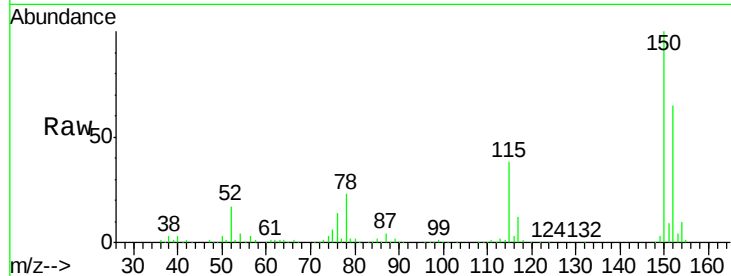




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115008.D
 Acq: 13 Jun 2019 18:17

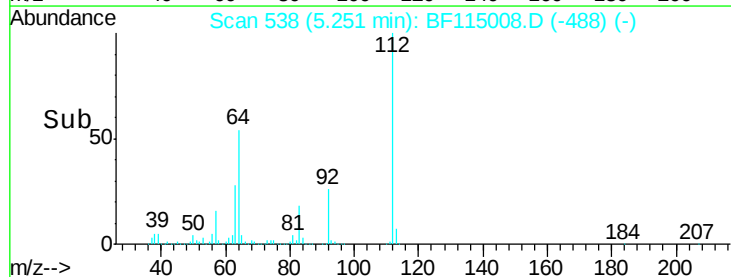
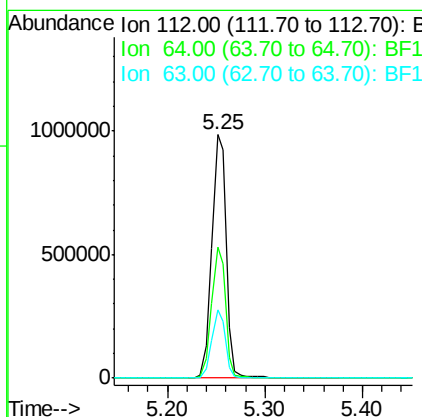
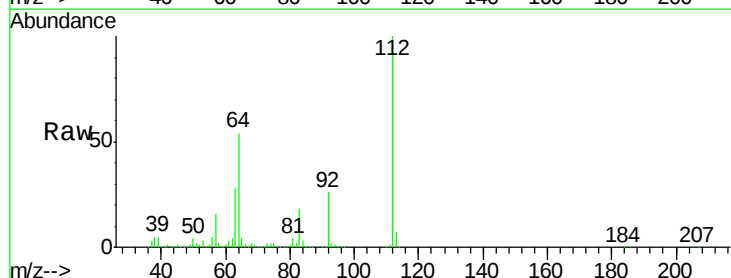
Instrument :
 BNA_F
 ClientSampleId :
 C-MW-6_061119

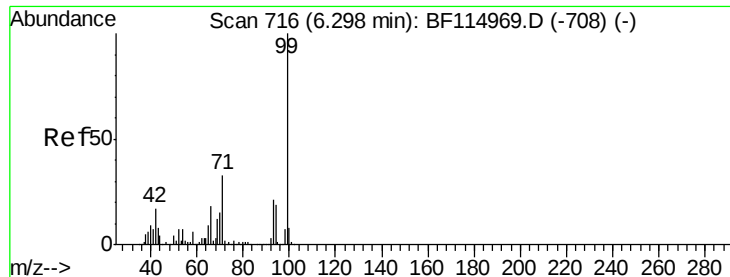
Tgt Ion:152 Resp: 298454
 Ion Ratio Lower Upper
 152 100
 150 153.6 127.4 191.0
 115 59.1 46.0 69.0



#5
 2-Fluorophenol
 Concen: 56.715 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF115008.D
 Acq: 13 Jun 2019 18:17

Tgt Ion:112 Resp: 1013707
 Ion Ratio Lower Upper
 112 100
 64 54.0 41.6 62.4
 63 27.8 20.9 31.3





#7

Phenol-d6

Concen: 37.482 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115008.D

Acq: 13 Jun 2019 18:17

Instrument :

BNA_F

ClientSampleId :

C-MW-6_061119

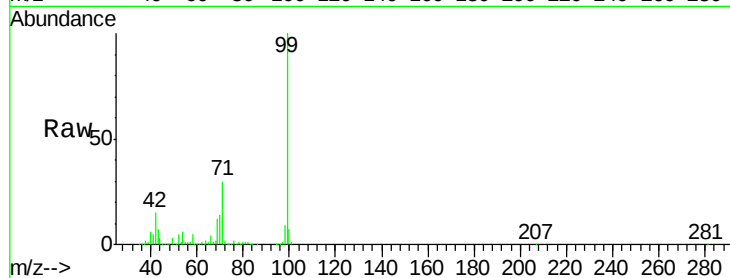
Tgt Ion: 99 Resp: 808134

Ion Ratio Lower Upper

99 100

42 14.6 13.4 20.2

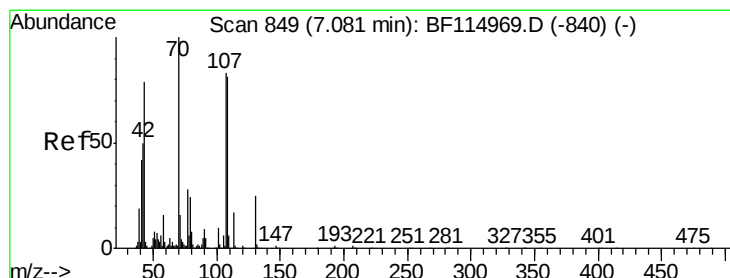
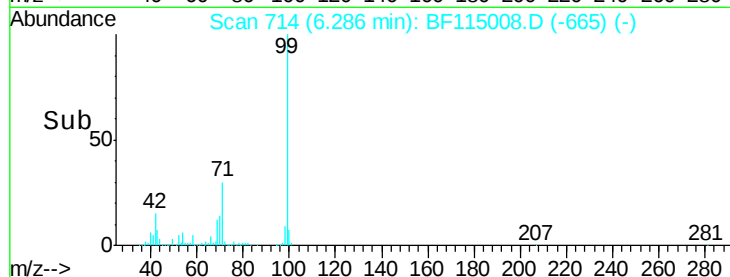
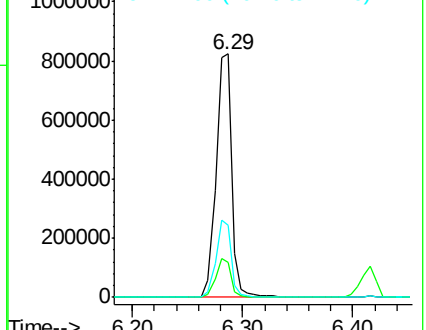
71 29.8 26.4 39.6



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: 16.283 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115008.D

Acq: 13 Jun 2019 18:17

Tgt Ion: 70 Resp: 213311

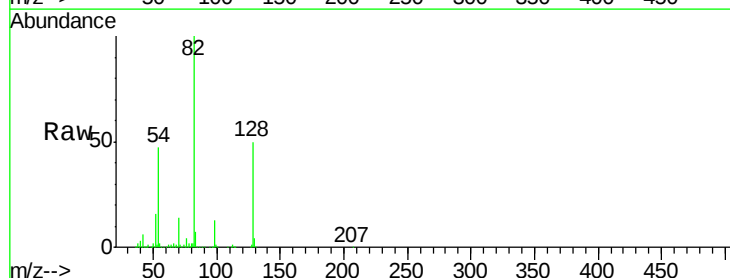
Ion Ratio Lower Upper

70 100

42 43.7 40.3 60.5

101 0.0 8.2 12.4#

130 2.6 20.3 30.5#

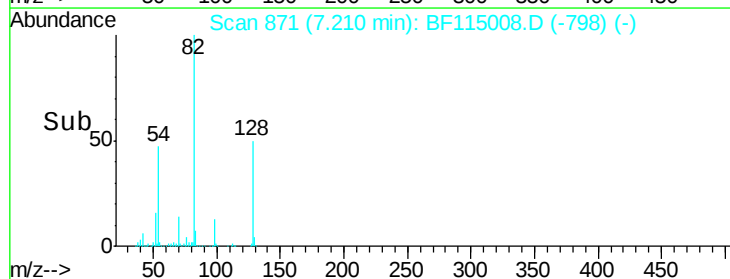
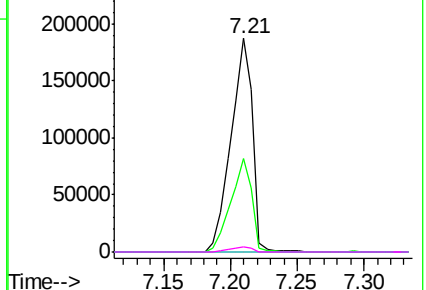


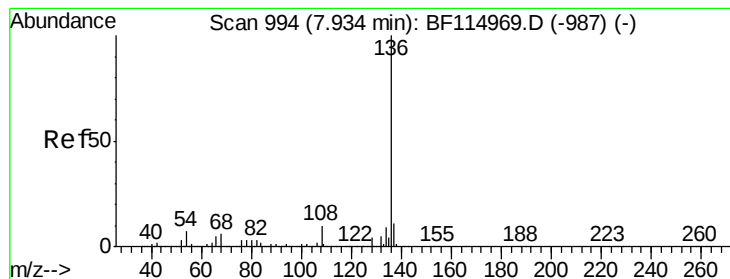
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF115008.D

Acq: 13 Jun 2019 18:17

Instrument :

BNA_F

ClientSampleId :

C-MW-6_061119

Tgt Ion:136 Resp: 1134266

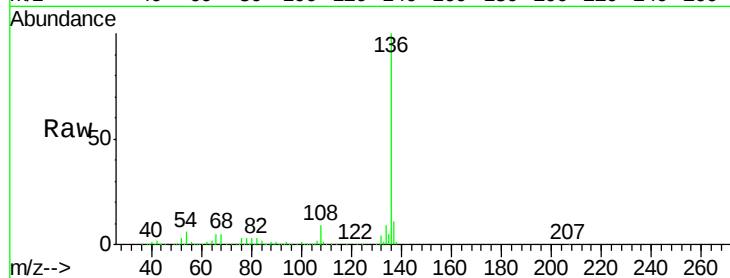
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.2 5.4 8.0

68 5.4 4.6 7.0

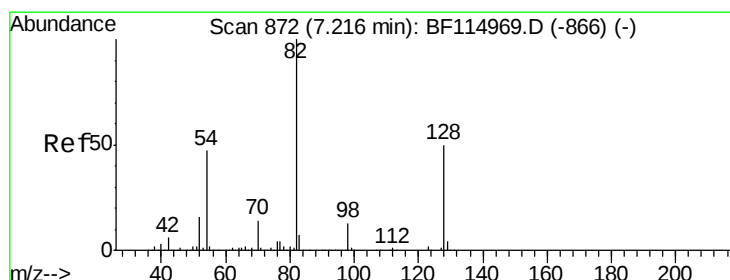
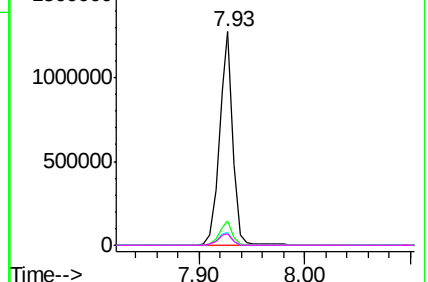
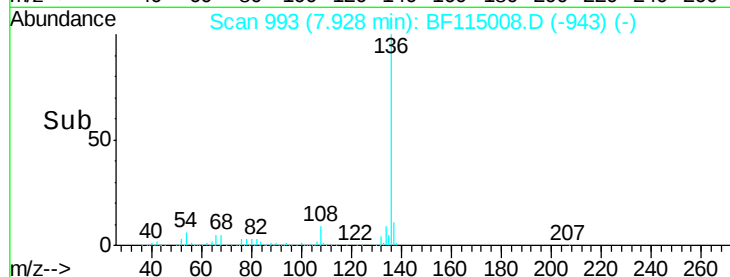


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.336 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115008.D

Acq: 13 Jun 2019 18:17

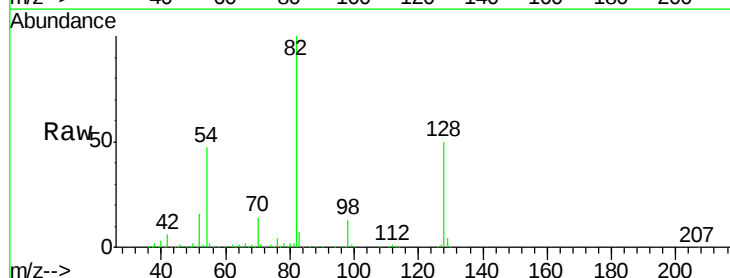
Tgt Ion: 82 Resp: 1608089

Ion Ratio Lower Upper

82 100

128 49.8 39.9 59.9

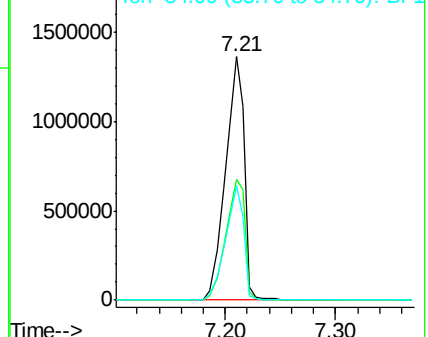
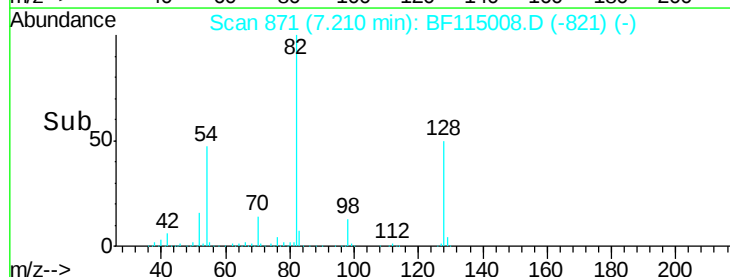
54 46.9 37.3 55.9

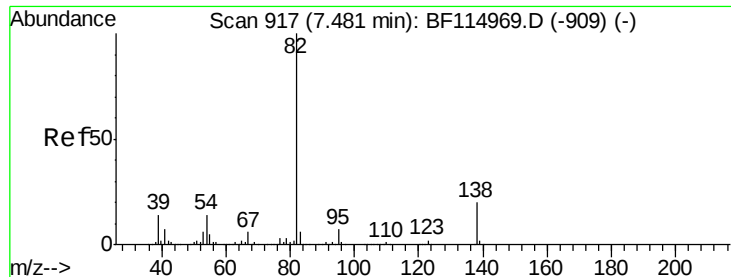


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.595 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115008.D

Acq: 13 Jun 2019 18:17

Instrument :

BNA_F

ClientSampleId :

C-MW-6_061119

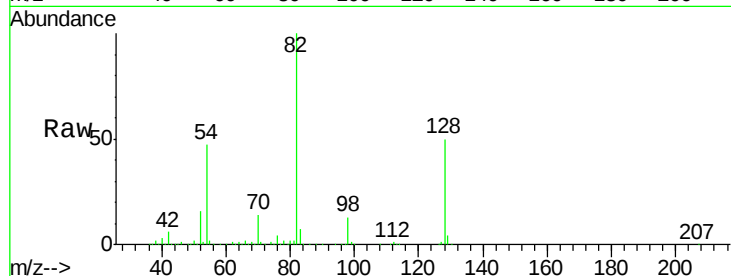
Tgt Ion: 82 Resp: 1573920

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

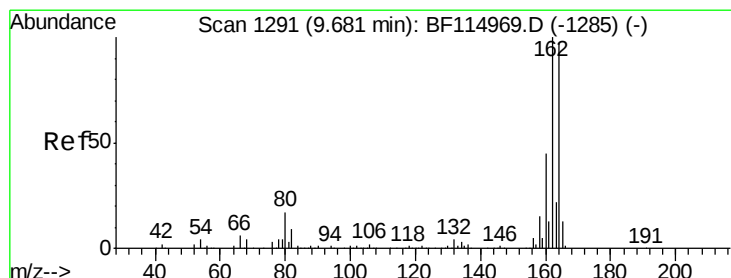
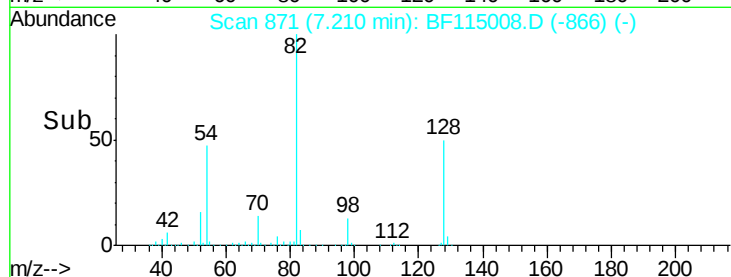
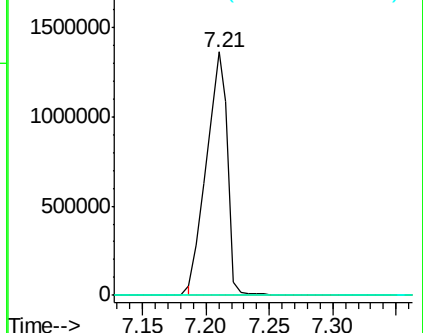
138 0.0 16.1 24.1#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115008.D

Acq: 13 Jun 2019 18:17

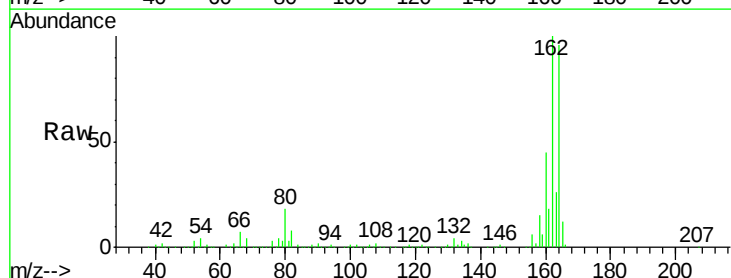
Tgt Ion: 164 Resp: 553863

Ion Ratio Lower Upper

164 100

162 103.8 82.6 124.0

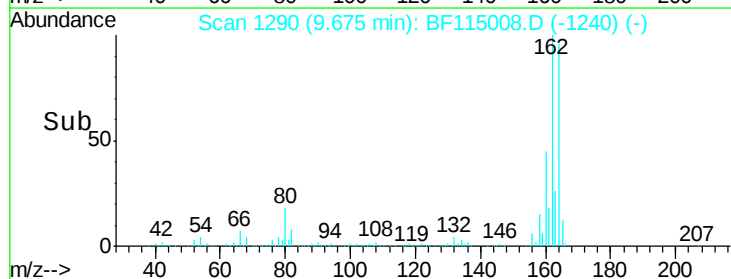
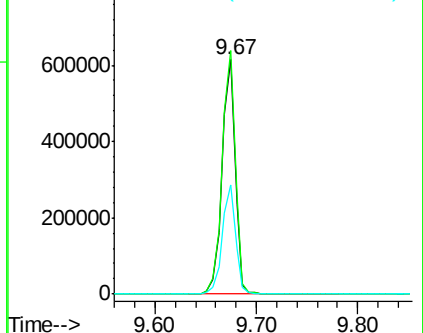
160 46.6 36.9 55.3

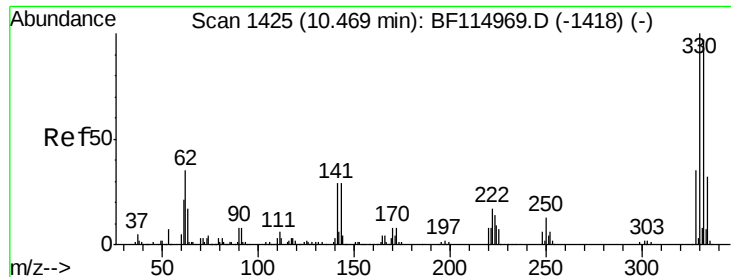


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

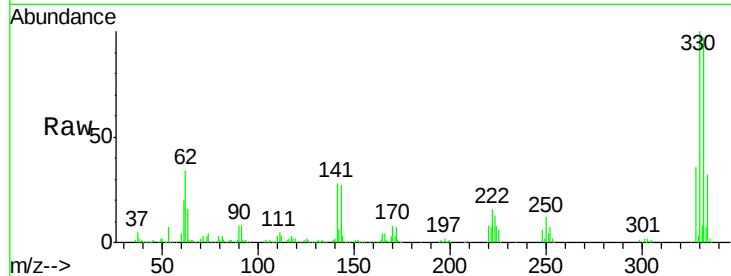




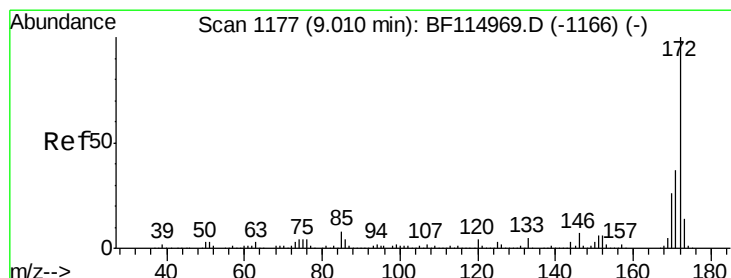
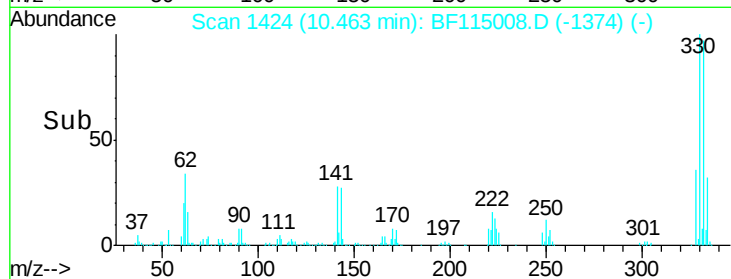
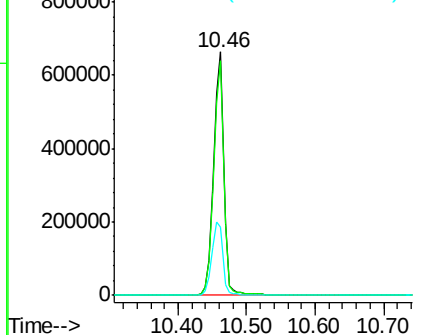
#42
 2,4,6-Tribromophenol
 Concen: 114.945 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115008.D
 Acq: 13 Jun 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-6_061119

Tgt Ion:330 Resp: 681749
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.6 116.4
 141 33.1 27.2 40.8

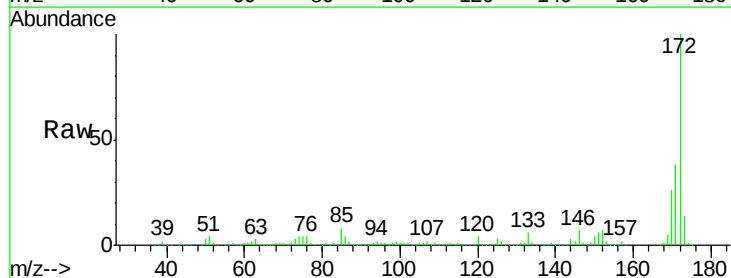


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

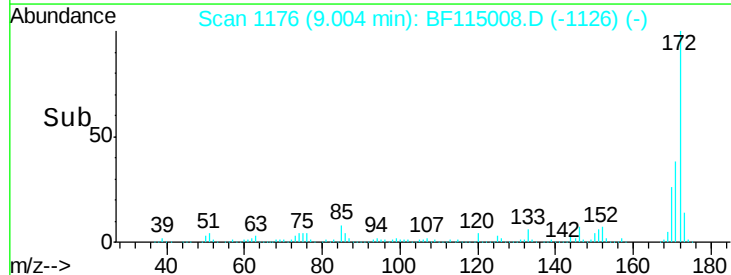
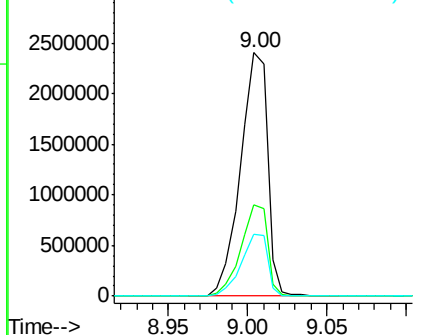


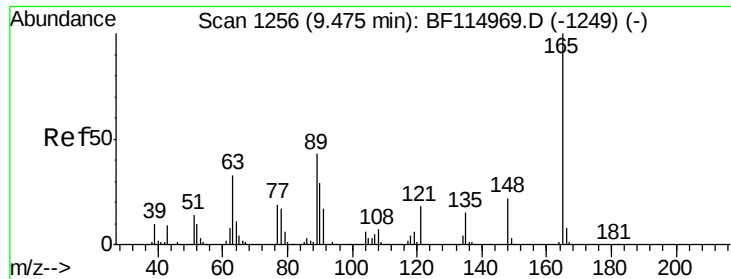
#45
 2-Fluorobiphenyl
 Concen: 87.493 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115008.D
 Acq: 13 Jun 2019 18:17

Tgt Ion:172 Resp: 2859237
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 25.7 20.6 31.0



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

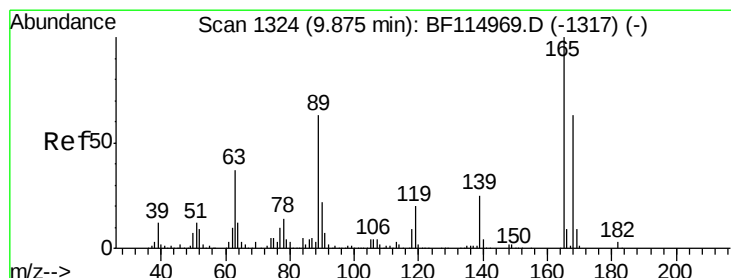
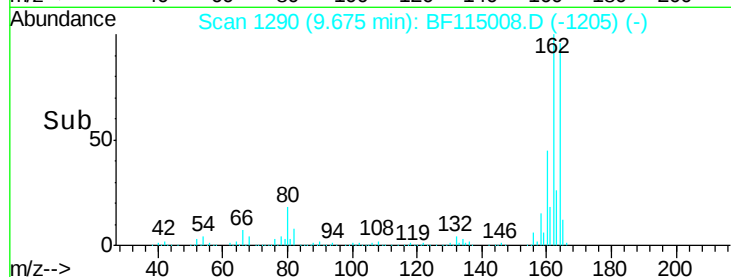
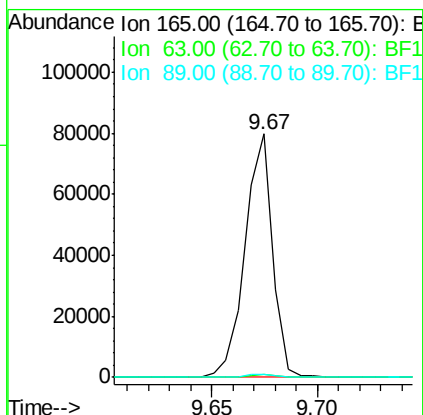
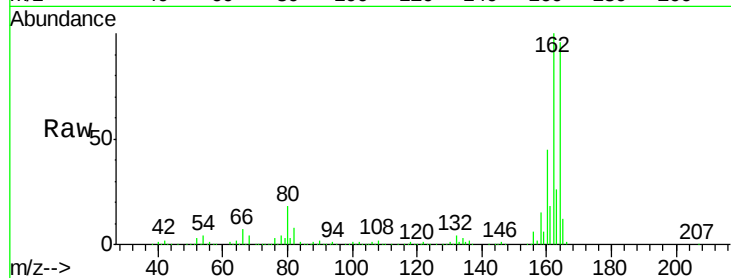




#51
 2,6-Dinitrotoluene
 Concen: 7.621 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.20 min
 Lab File: BF115008.D
 Acq: 13 Jun 2019 18:17

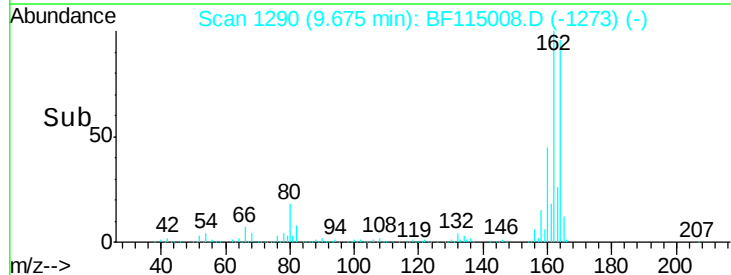
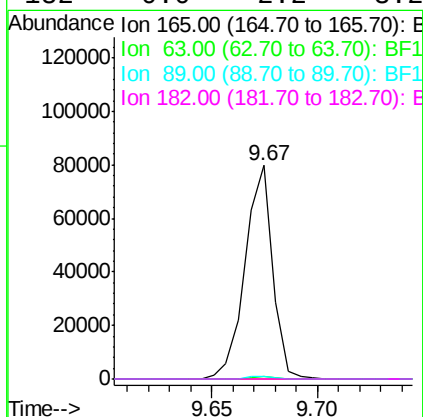
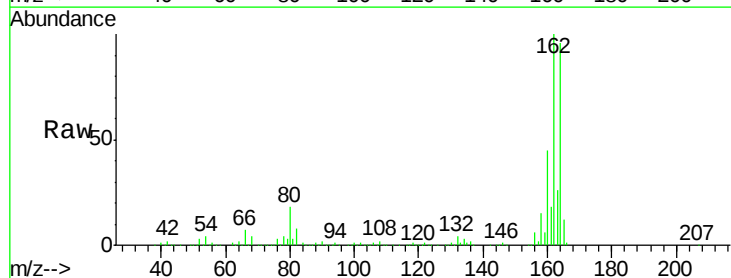
Instrument :
 BNA_F
 ClientSampleId :
 C-MW-6_061119

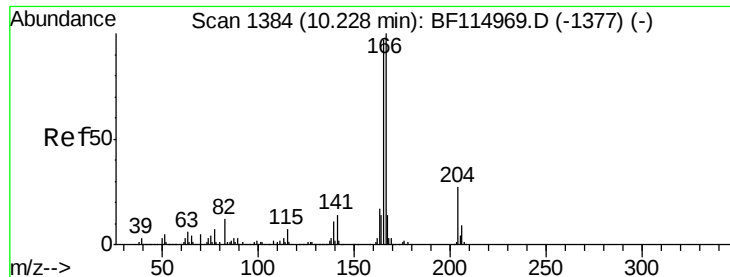
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.6	46.0#
89	1.2	34.4	51.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.988 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115008.D
 Acq: 13 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.4	44.2#
89	1.2	50.6	75.8#
182	0.0	2.2	3.2#





#58

Fluorene

Concen: Below Cal

RT: 10.46 min Scan# 1423

Delta R.T. 0.23 min

Lab File: BF115008.D

Acq: 13 Jun 2019 18:17

Instrument :

BNA_F

ClientSampleId :

C-MW-6_061119

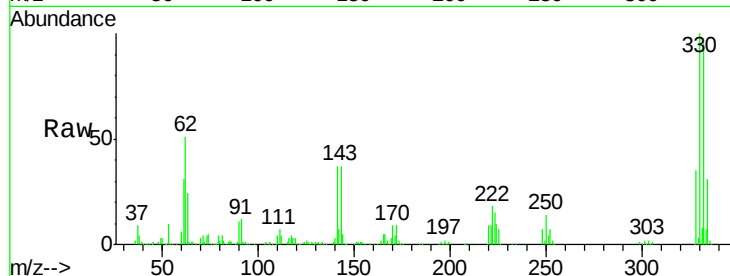
Tgt Ion:166 Resp: 30356

Ion Ratio Lower Upper

166 100

165 103.2 77.6 116.4

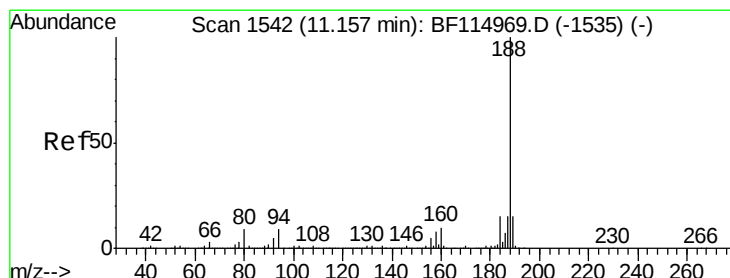
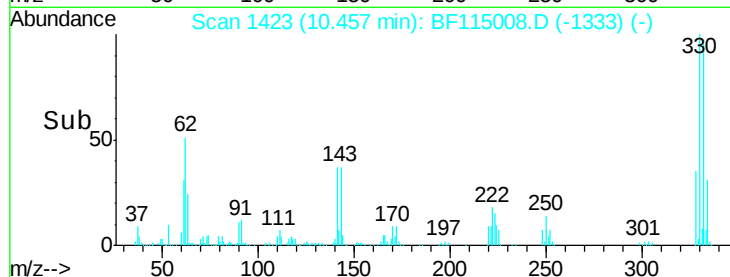
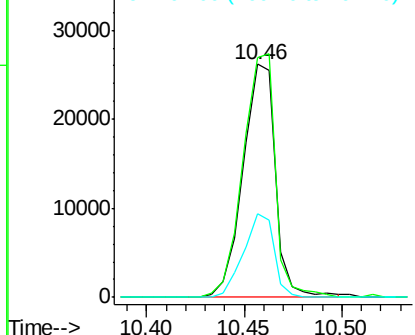
167 35.8 11.0 16.4#



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: BF115008.D

Acq: 13 Jun 2019 18:17

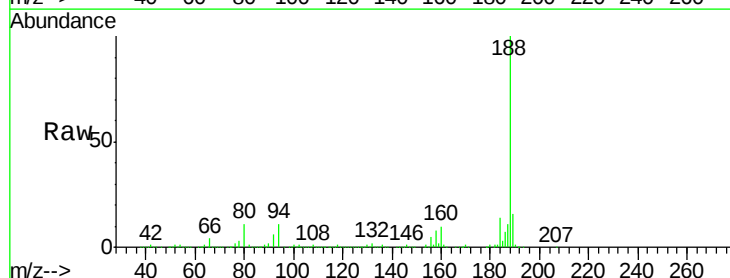
Tgt Ion:188 Resp: 1056706

Ion Ratio Lower Upper

188 100

94 10.6 7.2 10.8

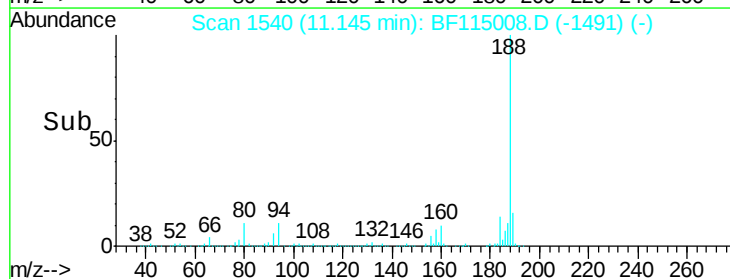
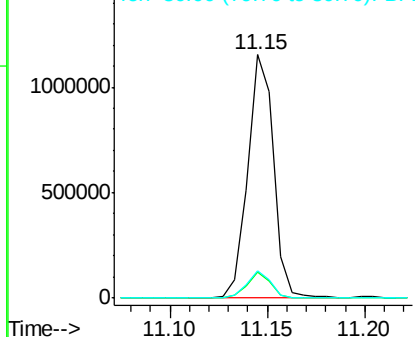
80 11.2 7.4 11.2#

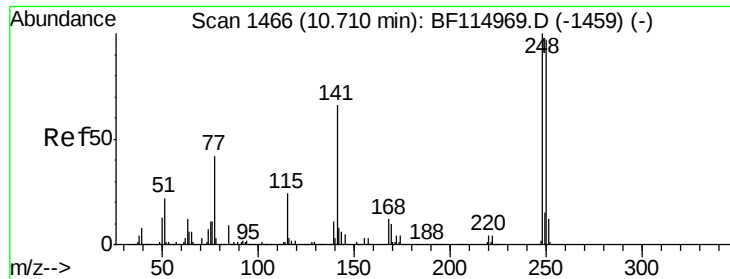


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

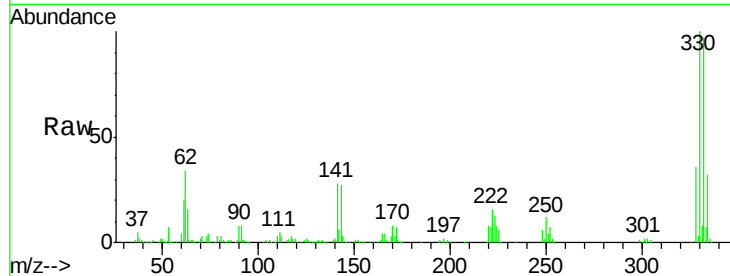




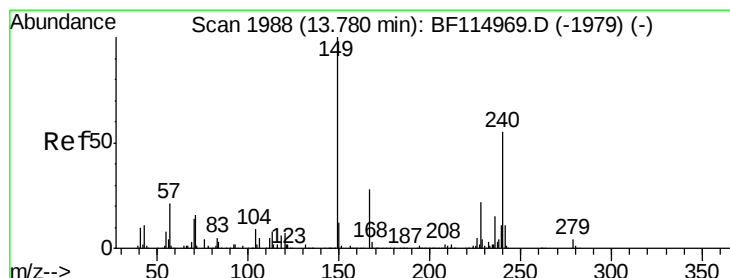
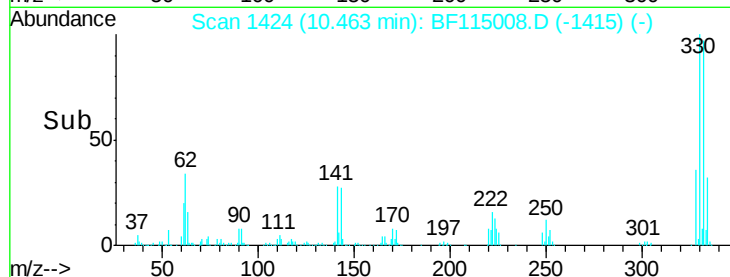
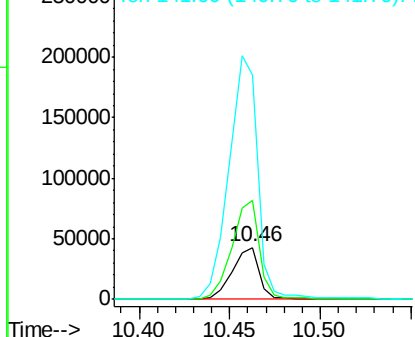
#67
4-Bromophenyl-phenylether
Concen: 3.906 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.25 min
Lab File: BF115008.D
Acq: 13 Jun 2019 18:17

Instrument :
BNA_F
ClientSampleId :
C-MW-6_061119

Tgt Ion:248 Resp: 44321
Ion Ratio Lower Upper
248 100
250 192.2 77.8 116.8#
141 435.1 53.1 79.7#

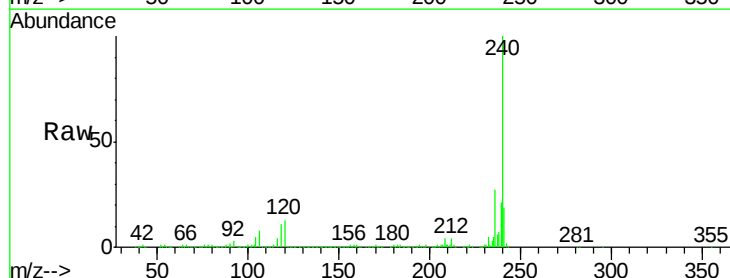


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

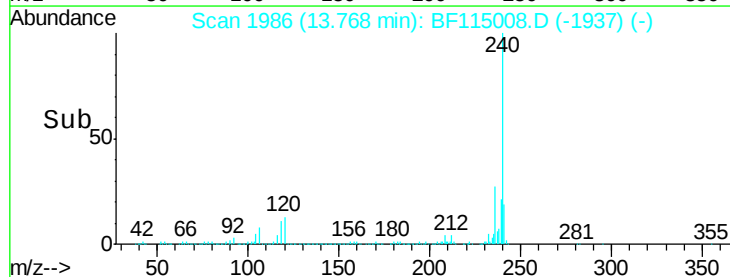
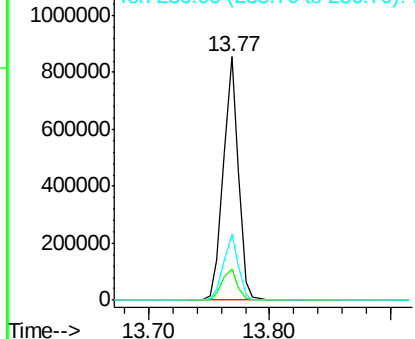


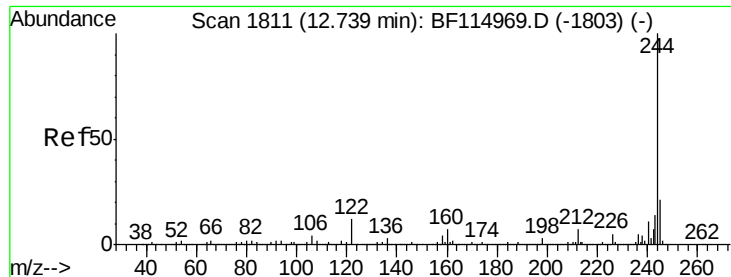
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115008.D
Acq: 13 Jun 2019 18:17

Tgt Ion:240 Resp: 733645
Ion Ratio Lower Upper
240 100
120 12.7 10.0 15.0
236 26.8 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

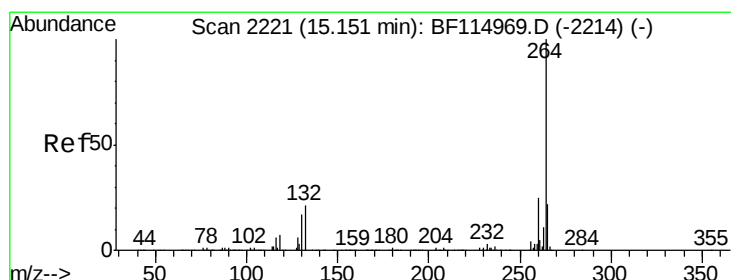
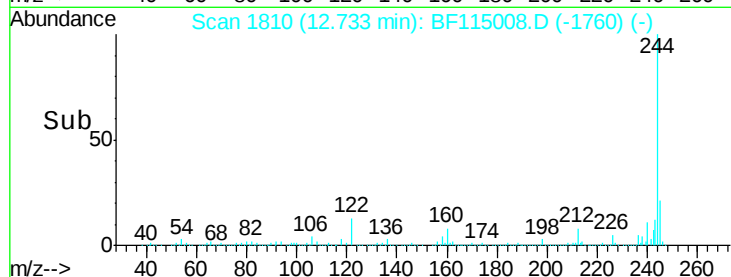
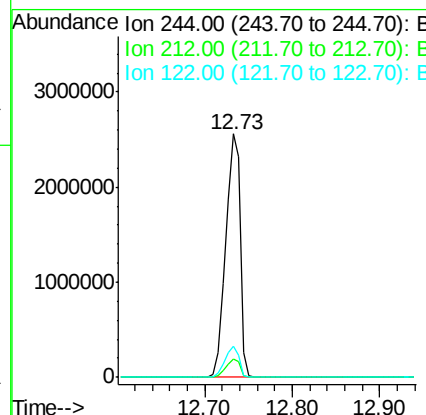
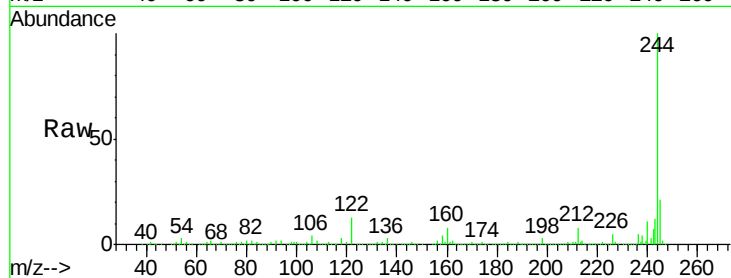




#79
 Terphenyl-d14
 Concen: 75.832 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115008.D
 Acq: 13 Jun 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-6_061119

Tgt Ion:244 Resp: 2957865
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 12.7 9.4 14.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115008.D
 Acq: 13 Jun 2019 18:17

Tgt Ion:264 Resp: 692001
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 21.8 17.6 26.4

