

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115009.D
 Acq On : 13 Jun 2019 18:44
 Operator : HP/JU
 Sample : K3345-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-11_061119

Quant Time: Jun 14 03:48:18 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

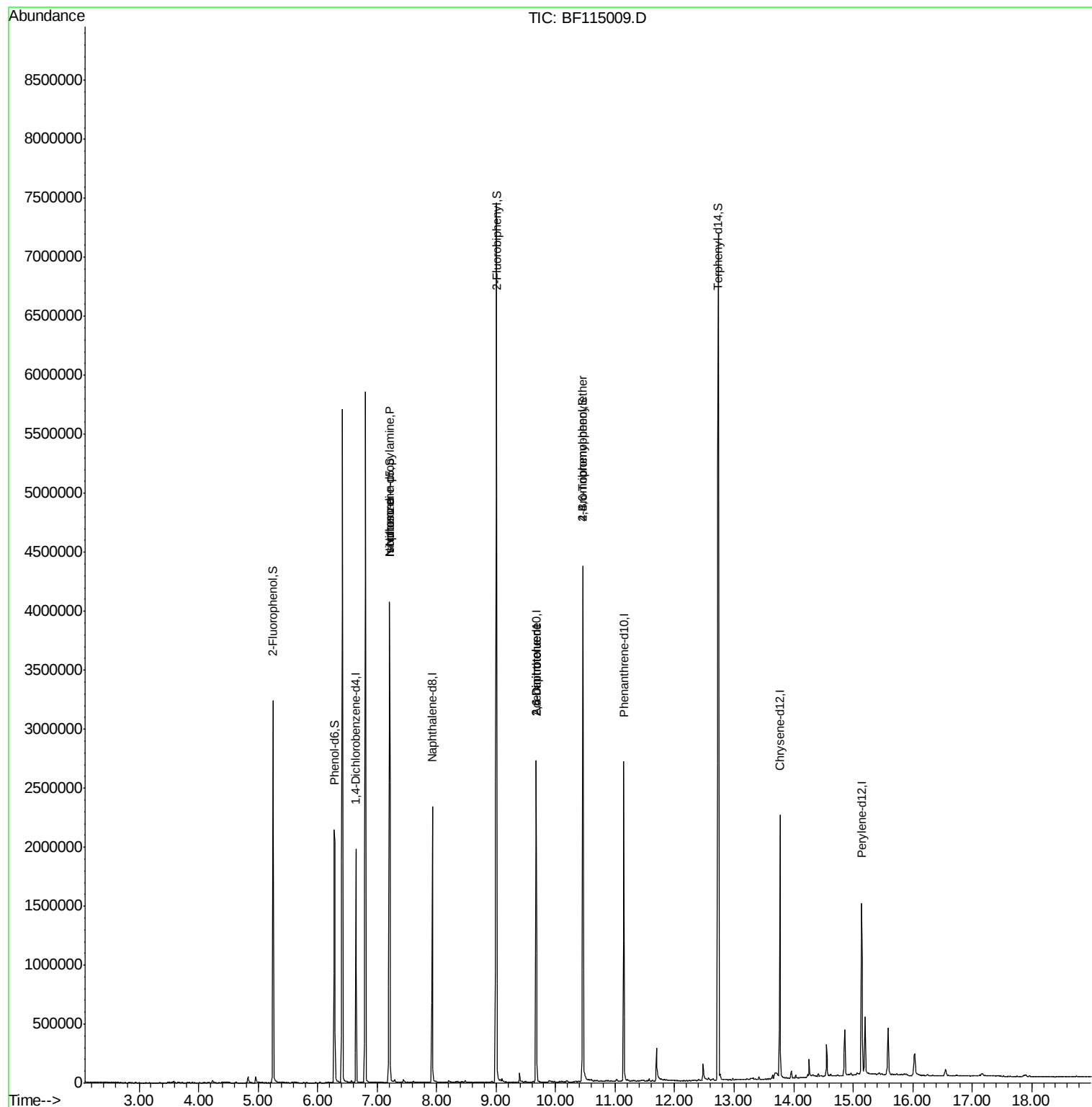
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	291865	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1118758	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	543678	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1030136	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	676629	20.00	ng	-0.01
87) Perylene-d12	15.14	264	609912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	970224	55.51	ng	0.00
7) Phenol-d6	6.28	99	796888	37.79	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1553988	83.61	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	647287	111.18	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2821657	87.96	ng	0.00
79) Terphenyl-d14	12.73	244	2922566	81.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	1143	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	206890	16.150 ng	#	77
25) Isophorone	7.21	82	1521639	43.711 ng	#	62
51) 2,6-Dinitrotoluene	9.67	165	69572	7.501 ng	#	37
57) 2,4-Dinitrotoluene	9.67	165	69572	5.894 ng	#	29
58) Fluorene	10.46	166	27859	Below Cal	#	86
67) 4-Bromophenyl-phenylether	10.46	248	42222	3.817 ng	#	1

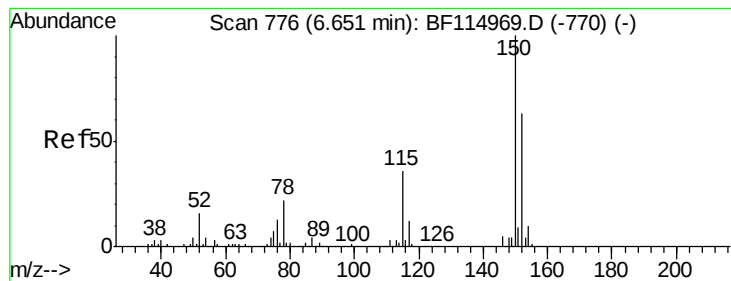
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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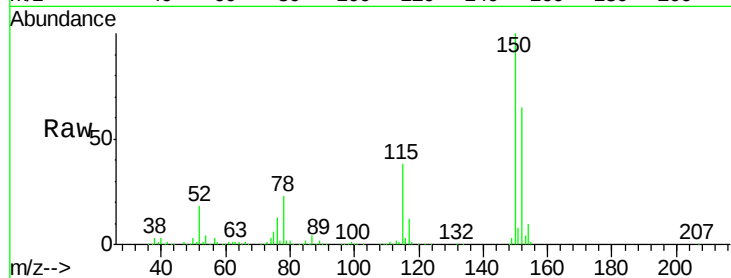


#1

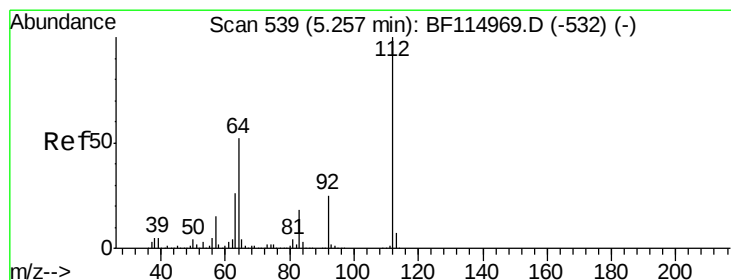
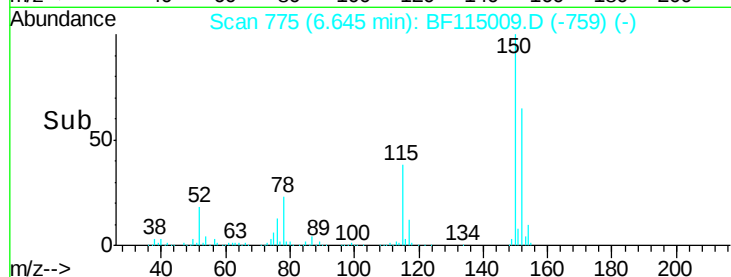
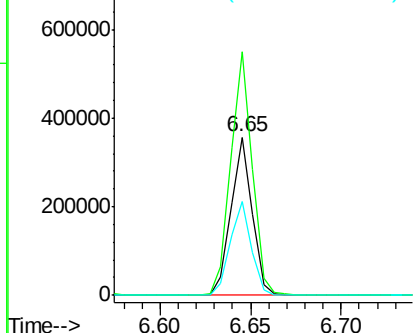
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115009.D
Acq: 13 Jun 2019 18:44

Instrument :
BNA_F
ClientSampleId :
C-MW-11_061119

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.4	191.0
115	59.0	46.0	69.0



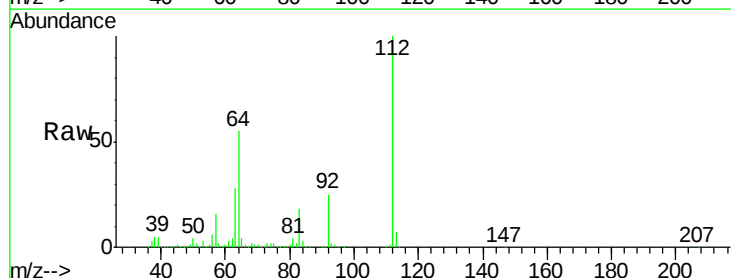
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



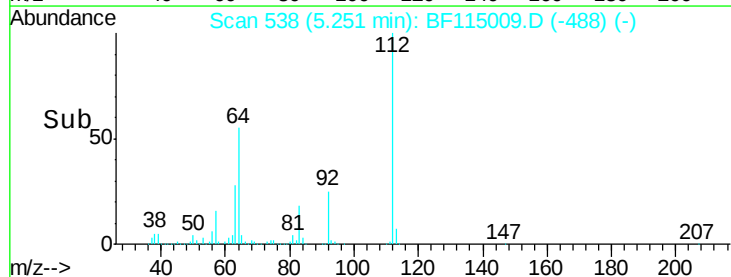
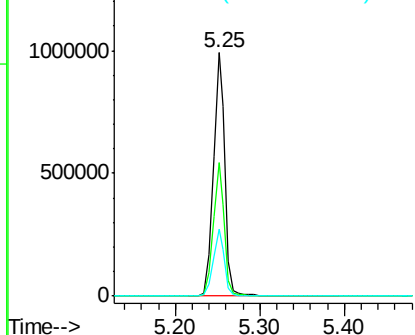
#5

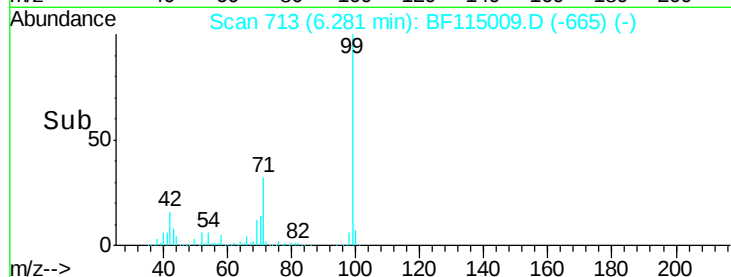
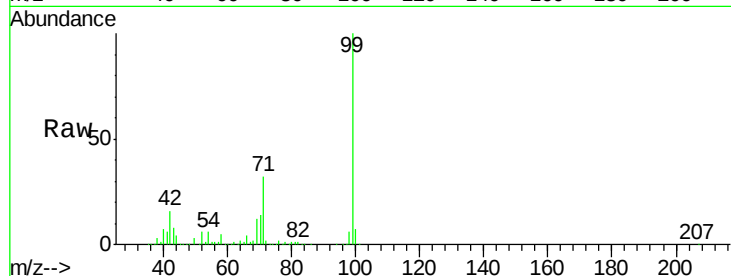
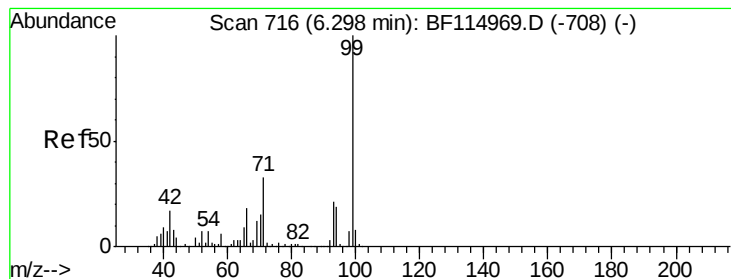
2-Fluorophenol
Concen: 55.507 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115009.D
Acq: 13 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	41.6	62.4
63	27.6	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: 37.794 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115009.D

Acq: 13 Jun 2019 18:44

Instrument :

BNA_F

ClientSampleId :

C-MW-11_061119

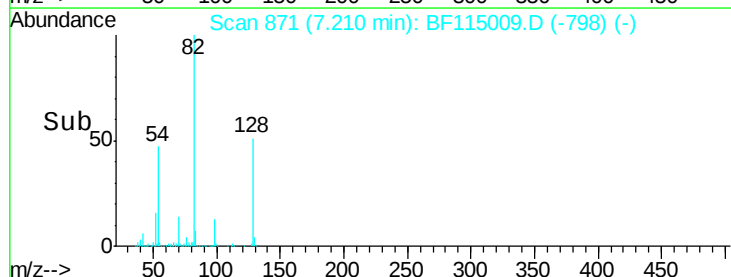
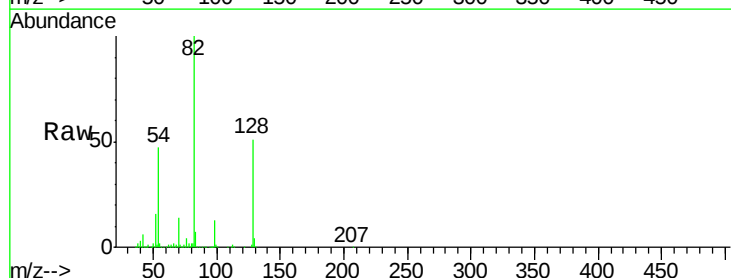
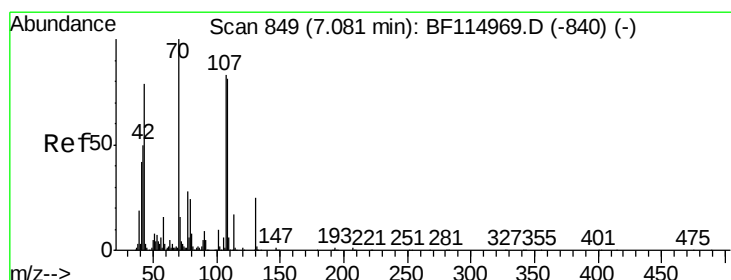
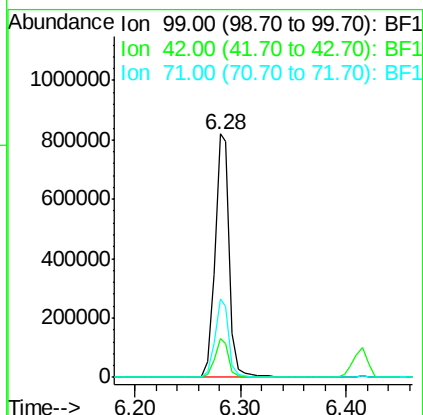
Tgt Ion: 99 Resp: 796888

Ion Ratio Lower Upper

99 100

42 16.0 13.4 20.2

71 32.0 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.150 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115009.D

Acq: 13 Jun 2019 18:44

Tgt Ion: 70 Resp: 206890

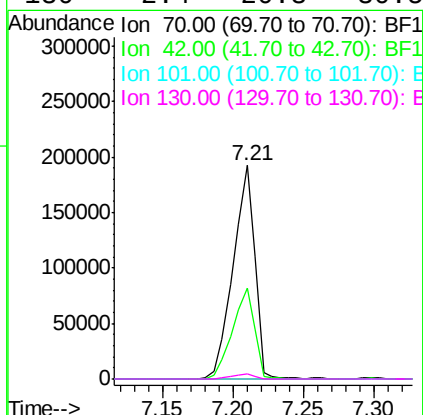
Ion Ratio Lower Upper

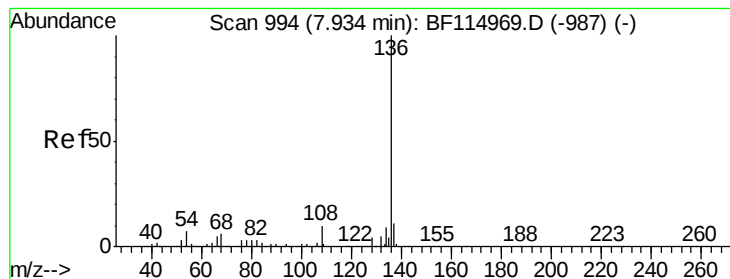
70 100

42 42.4 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 20.3 30.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115009.D

Acq: 13 Jun 2019 18:44

Instrument :

BNA_F

ClientSampleId :

C-MW-11_061119

Tgt Ion:136 Resp: 1118758

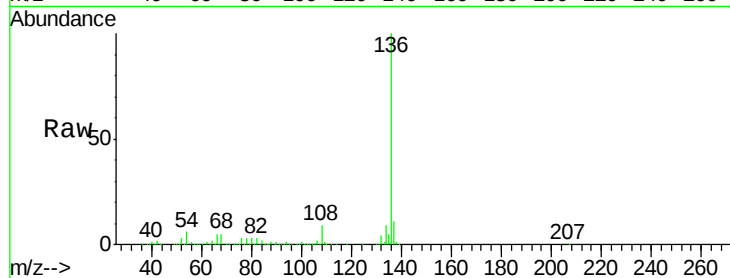
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.1 5.4 8.0

68 5.5 4.6 7.0

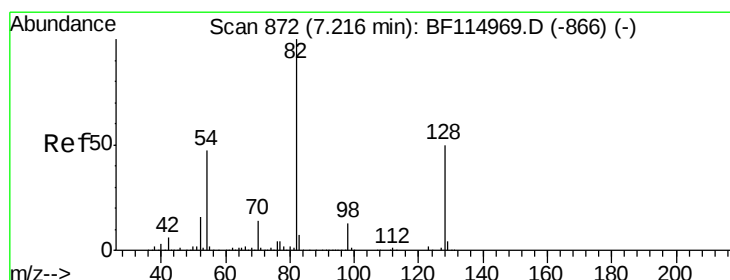
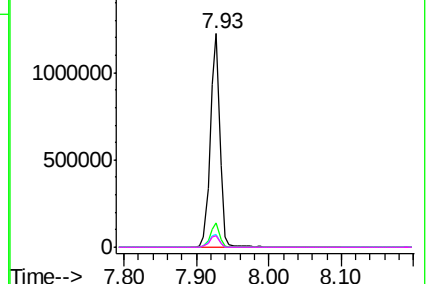
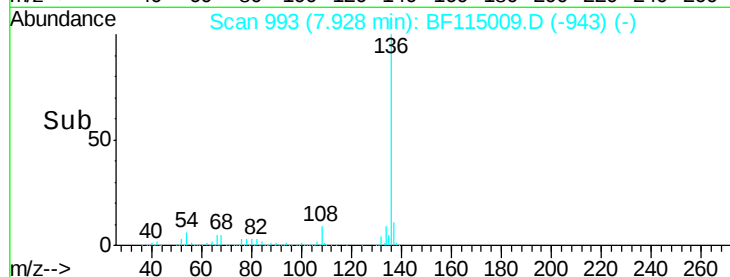


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.609 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115009.D

Acq: 13 Jun 2019 18:44

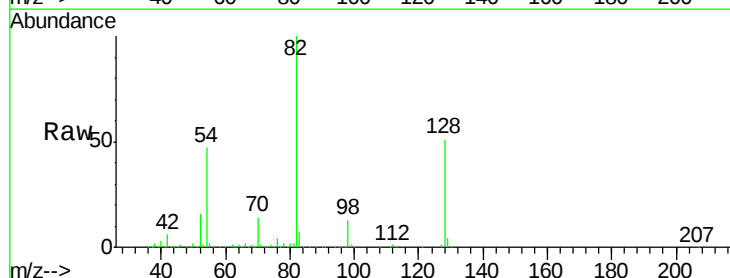
Tgt Ion: 82 Resp: 1553988

Ion Ratio Lower Upper

82 100

128 51.3 39.9 59.9

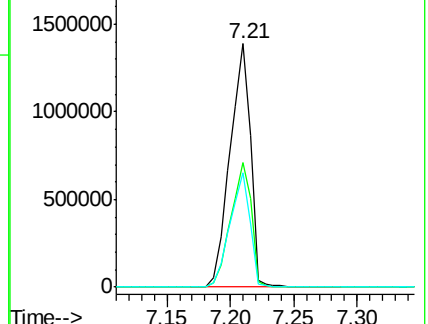
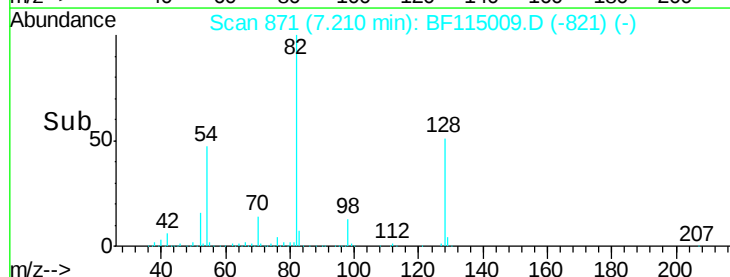
54 47.1 37.3 55.9

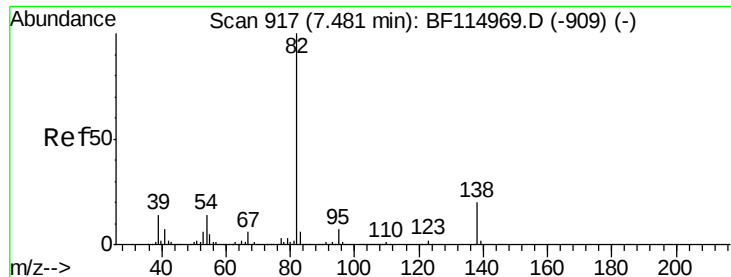


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.711 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115009.D

Acq: 13 Jun 2019 18:44

Instrument :

BNA_F

ClientSampleId :

C-MW-11_061119

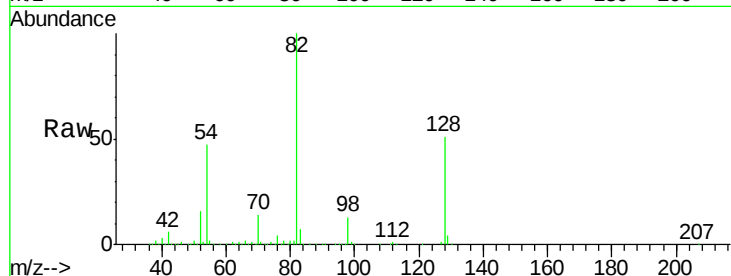
Tgt Ion: 82 Resp: 1521639

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

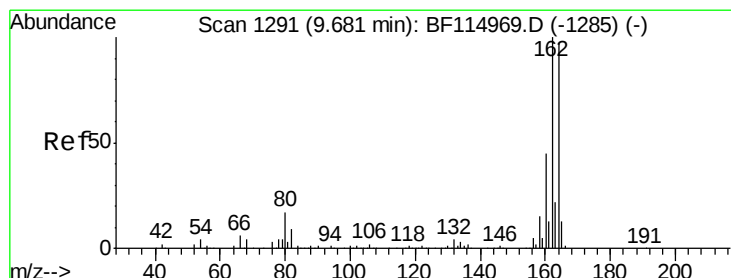
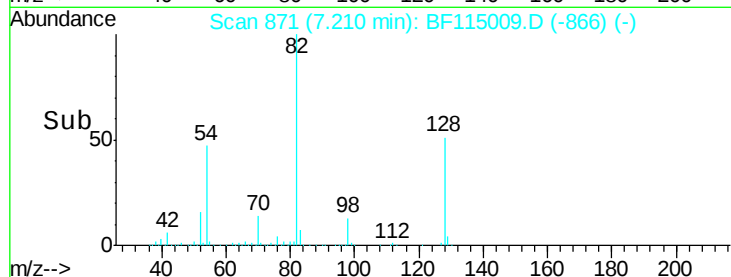
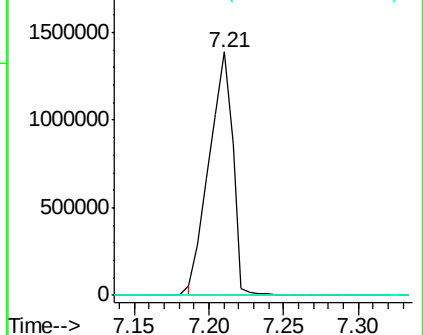
138 0.0 16.1 24.1#



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: BF115009.D

Acq: 13 Jun 2019 18:44

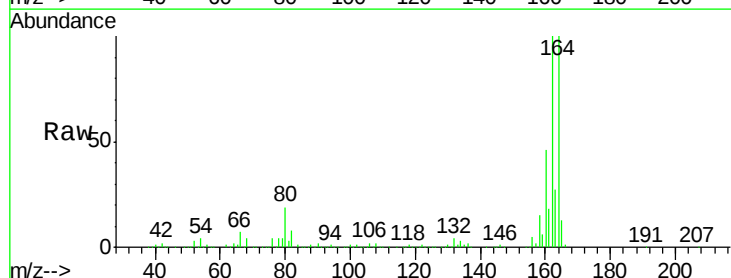
Tgt Ion: 164 Resp: 543678

Ion Ratio Lower Upper

164 100

162 100.4 82.6 124.0

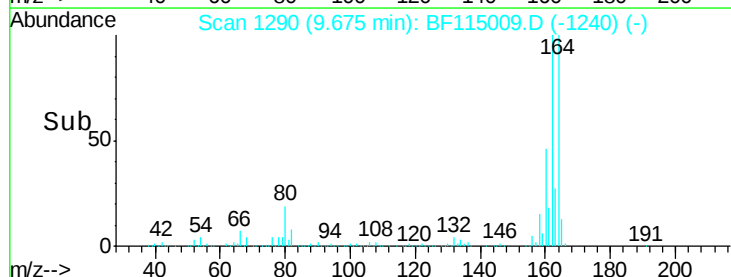
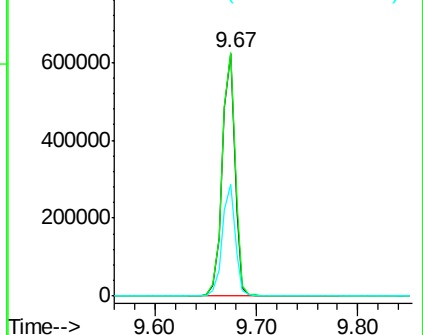
160 45.9 36.9 55.3

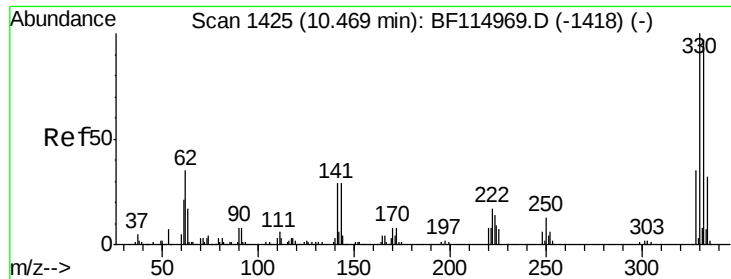


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

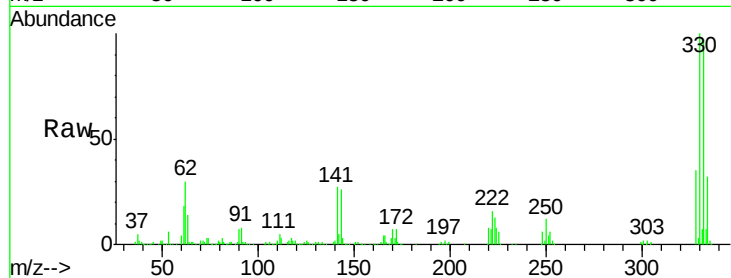




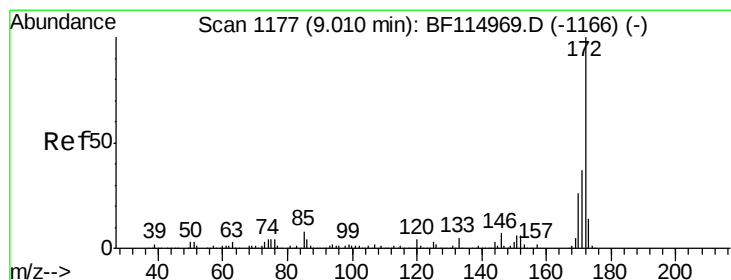
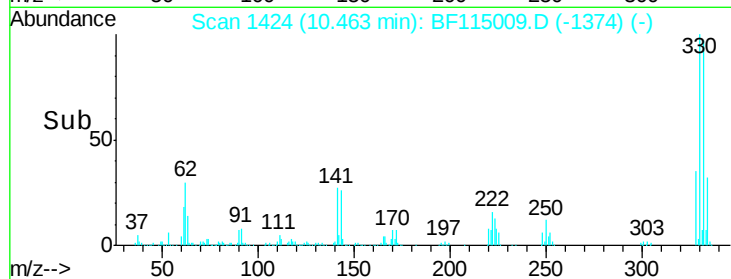
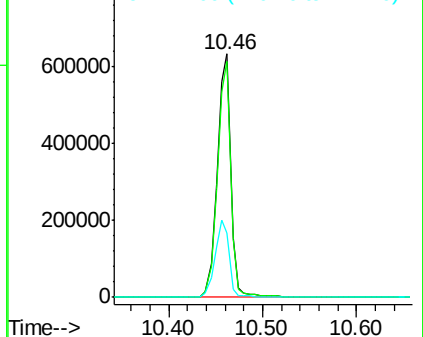
#42
 2,4,6-Tribromophenol
 Concen: 111.179 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115009.D
 Acq: 13 Jun 2019 18:44

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-11_061119

Tgt Ion:330 Resp: 647287
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.6 116.4
 141 33.4 27.2 40.8

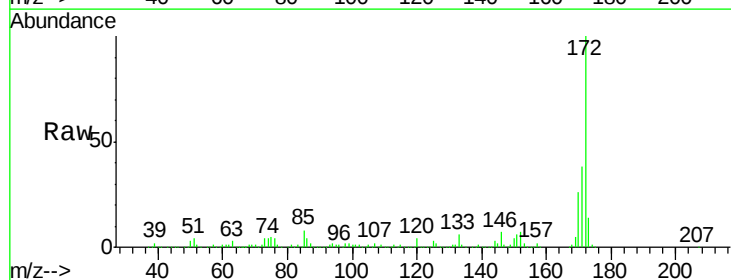


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

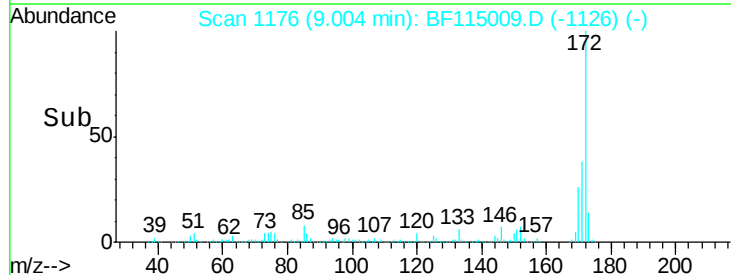
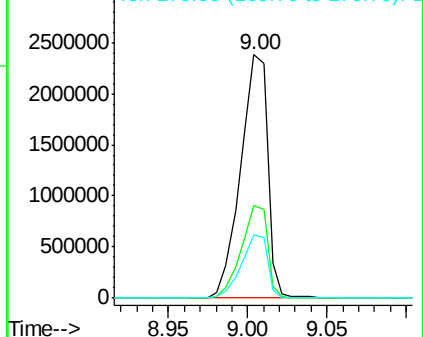


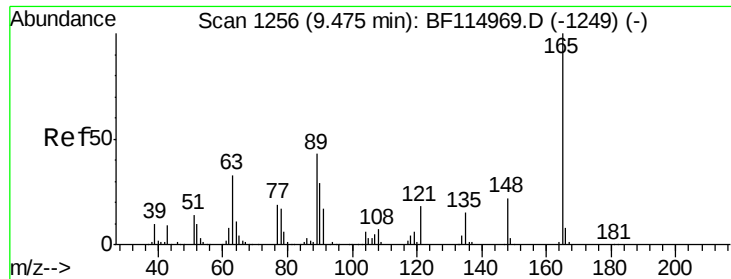
#45
 2-Fluorobiphenyl
 Concen: 87.961 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115009.D
 Acq: 13 Jun 2019 18:44

Tgt Ion:172 Resp: 2821657
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.8 44.6
 170 25.8 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

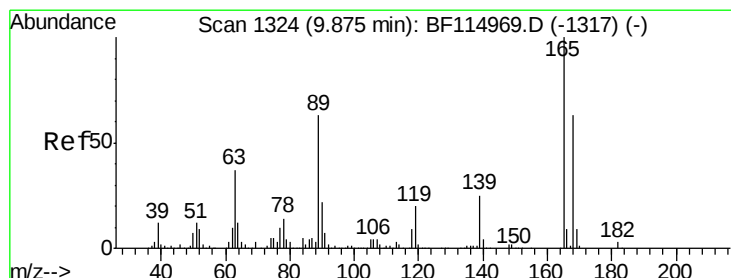
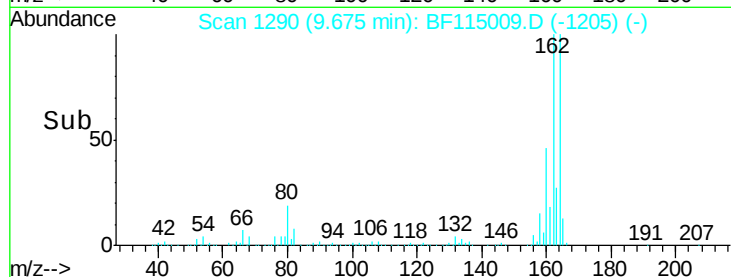
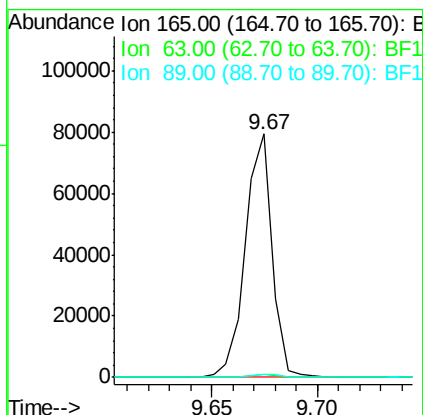
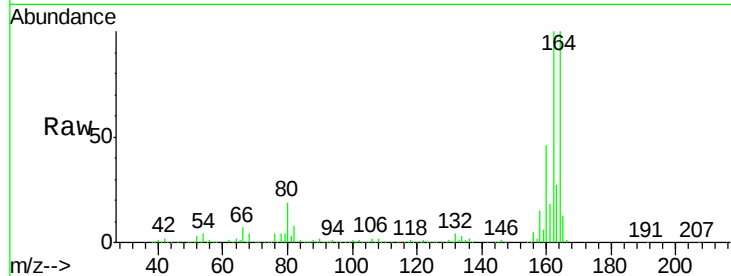




#51
 2,6-Dinitrotoluene
 Concen: 7.501 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.20 min
 Lab File: BF115009.D
 Acq: 13 Jun 2019 18:44

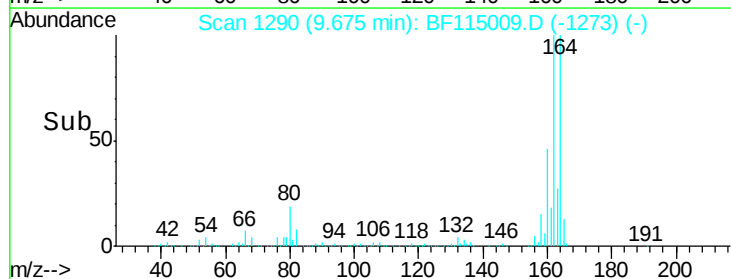
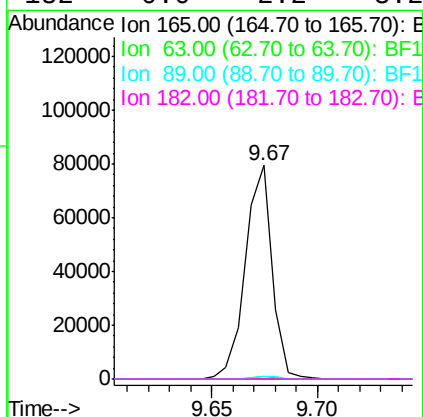
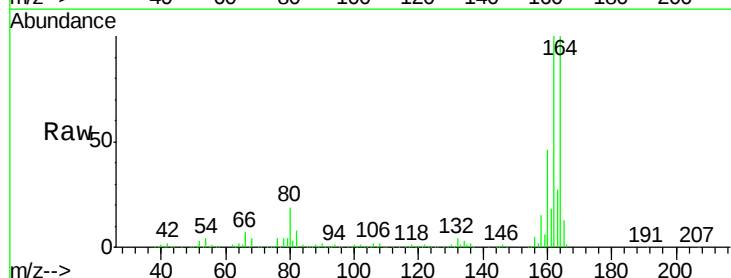
Instrument :
 BNA_F
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 C-MW-11_061119

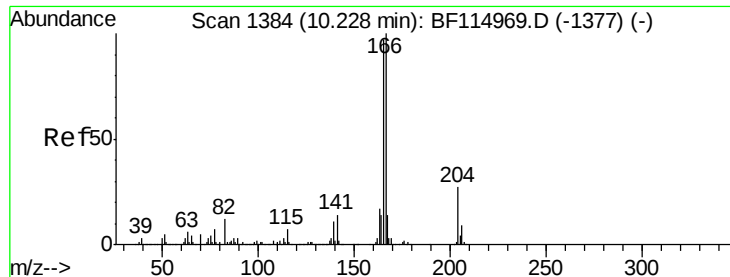
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	30.6	46.0#
89	1.4	34.4	51.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.894 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115009.D
 Acq: 13 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
89	1.4	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: BF115009.D

Acq: 13 Jun 2019 18:44

Instrument :

BNA_F

ClientSampleId :

C-MW-11_061119

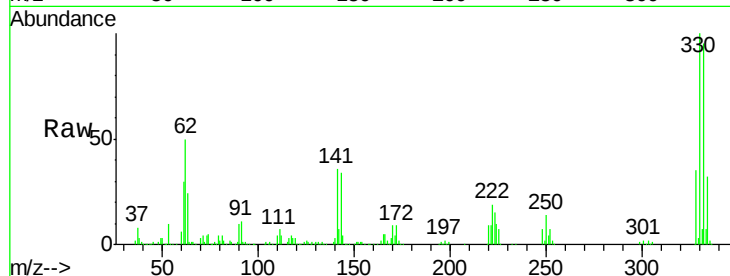
Tgt Ion:166 Resp: 27859

Ion Ratio Lower Upper

166 100

165 103.3 77.6 116.4

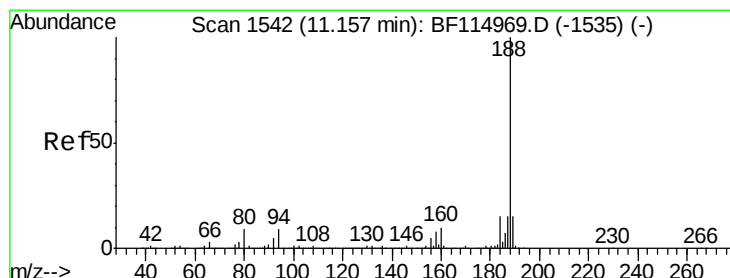
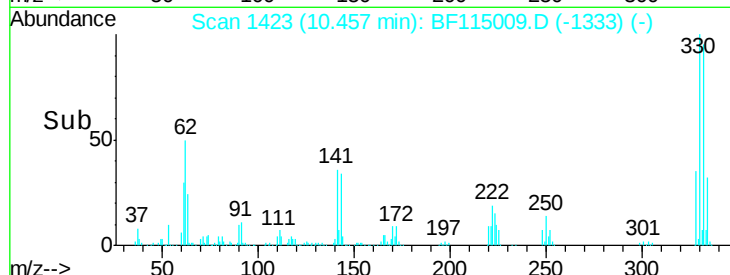
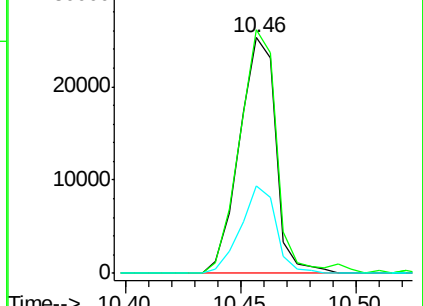
167 42.2 11.0 16.4#



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: BF115009.D

Acq: 13 Jun 2019 18:44

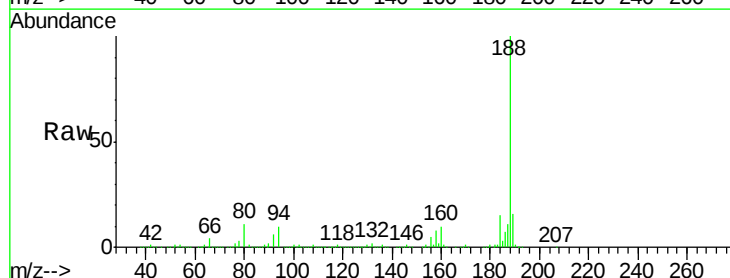
Tgt Ion:188 Resp: 1030136

Ion Ratio Lower Upper

188 100

94 10.3 7.2 10.8

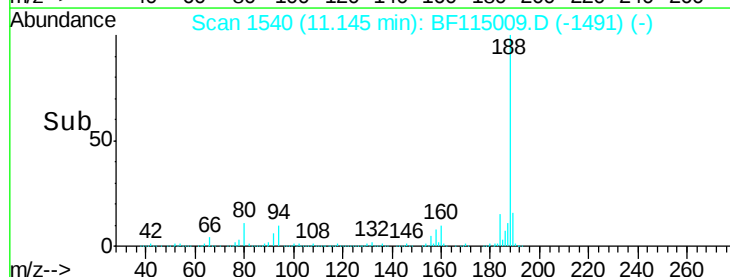
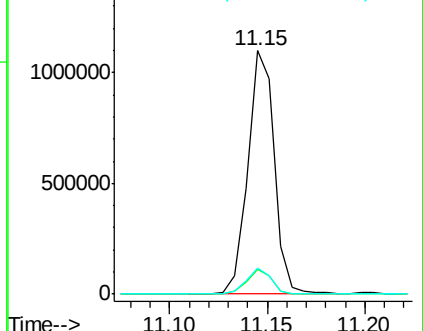
80 10.7 7.4 11.2

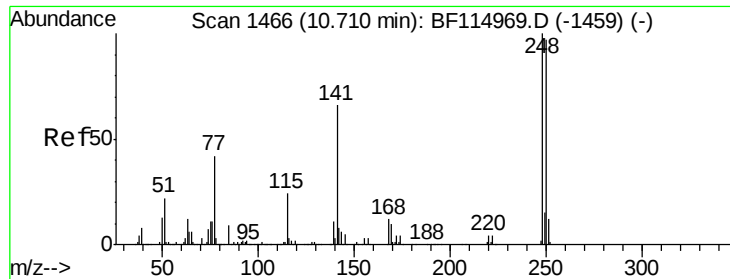


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

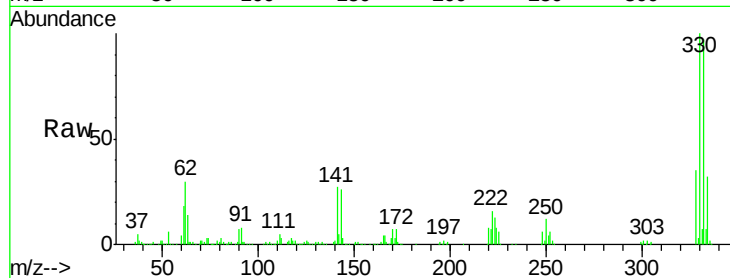




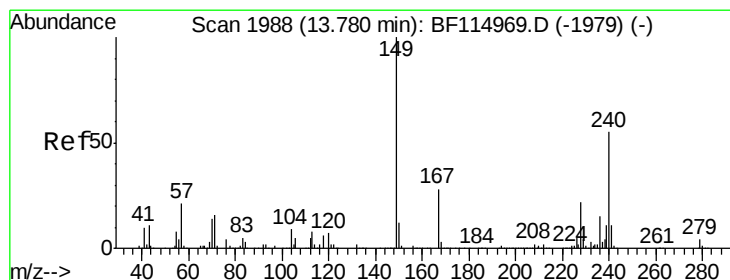
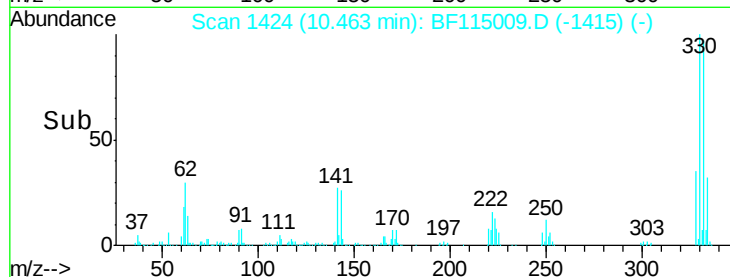
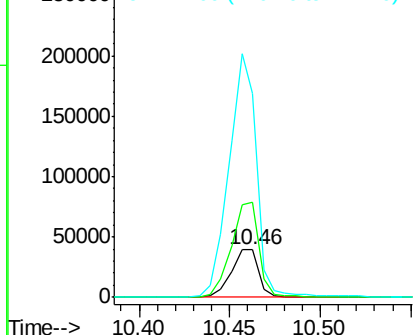
#67
 4-Bromophenyl-phenylether
 Concen: 3.817 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.25 min
 Lab File: BF115009.D
 Acq: 13 Jun 2019 18:44

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-11_061119

Tgt Ion:248 Resp: 42222
 Ion Ratio Lower Upper
 248 100
 250 199.6 77.8 116.8#
 141 428.0 53.1 79.7#

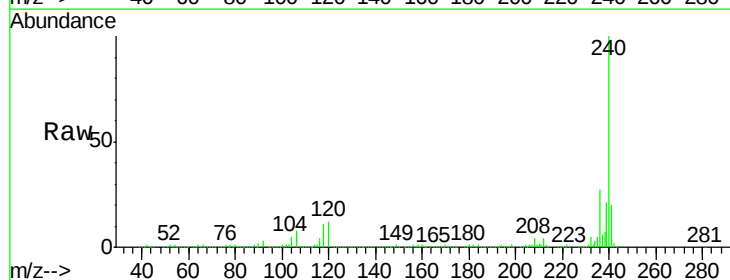


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

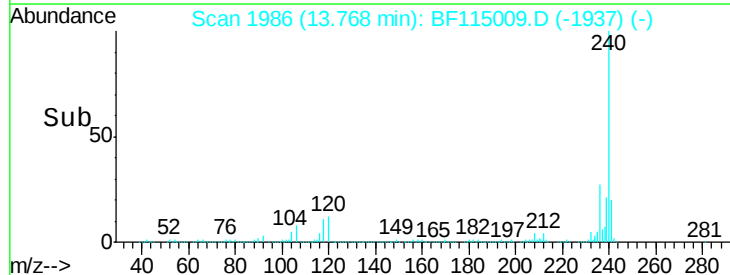
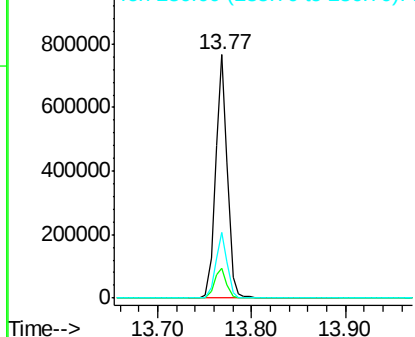


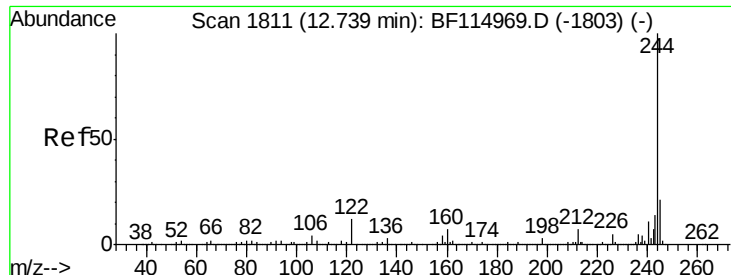
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF115009.D
 Acq: 13 Jun 2019 18:44

Tgt Ion:240 Resp: 676629
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.0 15.0
 236 26.9 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

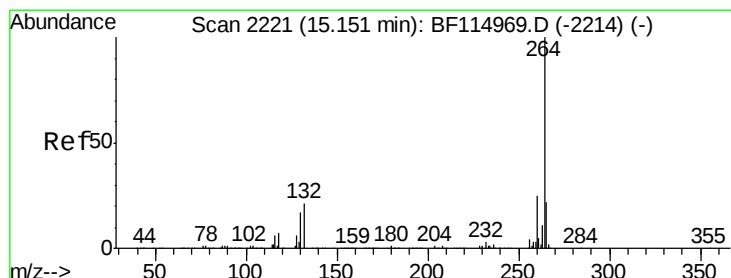
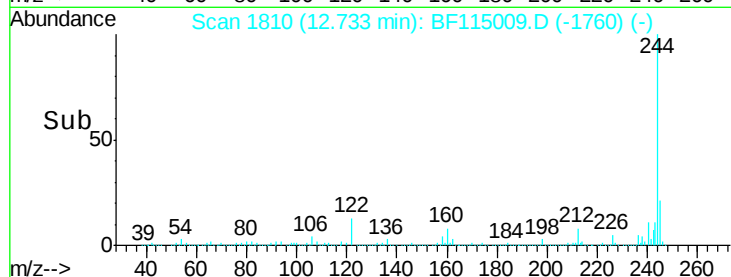
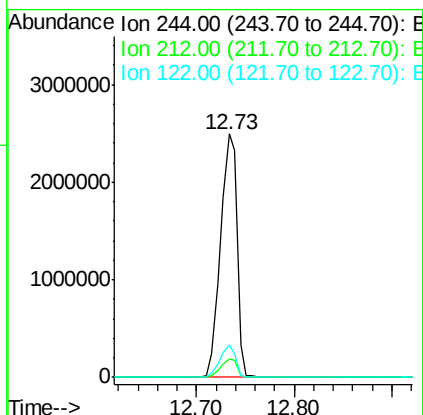
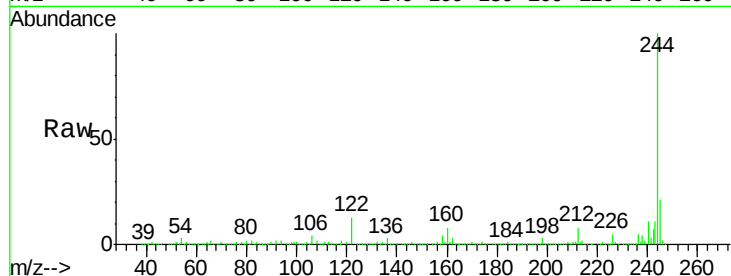




#79
 Terphenyl-d14
 Concen: 81.240 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115009.D
 Acq: 13 Jun 2019 18:44

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-11_061119

Tgt Ion:244 Resp: 2922566
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 13.1 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: BF115009.D
 Acq: 13 Jun 2019 18:44

Tgt Ion:264 Resp: 609912
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.9 29.9
 265 21.7 17.6 26.4

