

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115012.D
 Acq On : 13 Jun 2019 20:03
 Operator : HP/JU
 Sample : K3345-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-10_061119

Quant Time: Jun 14 03:48:56 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

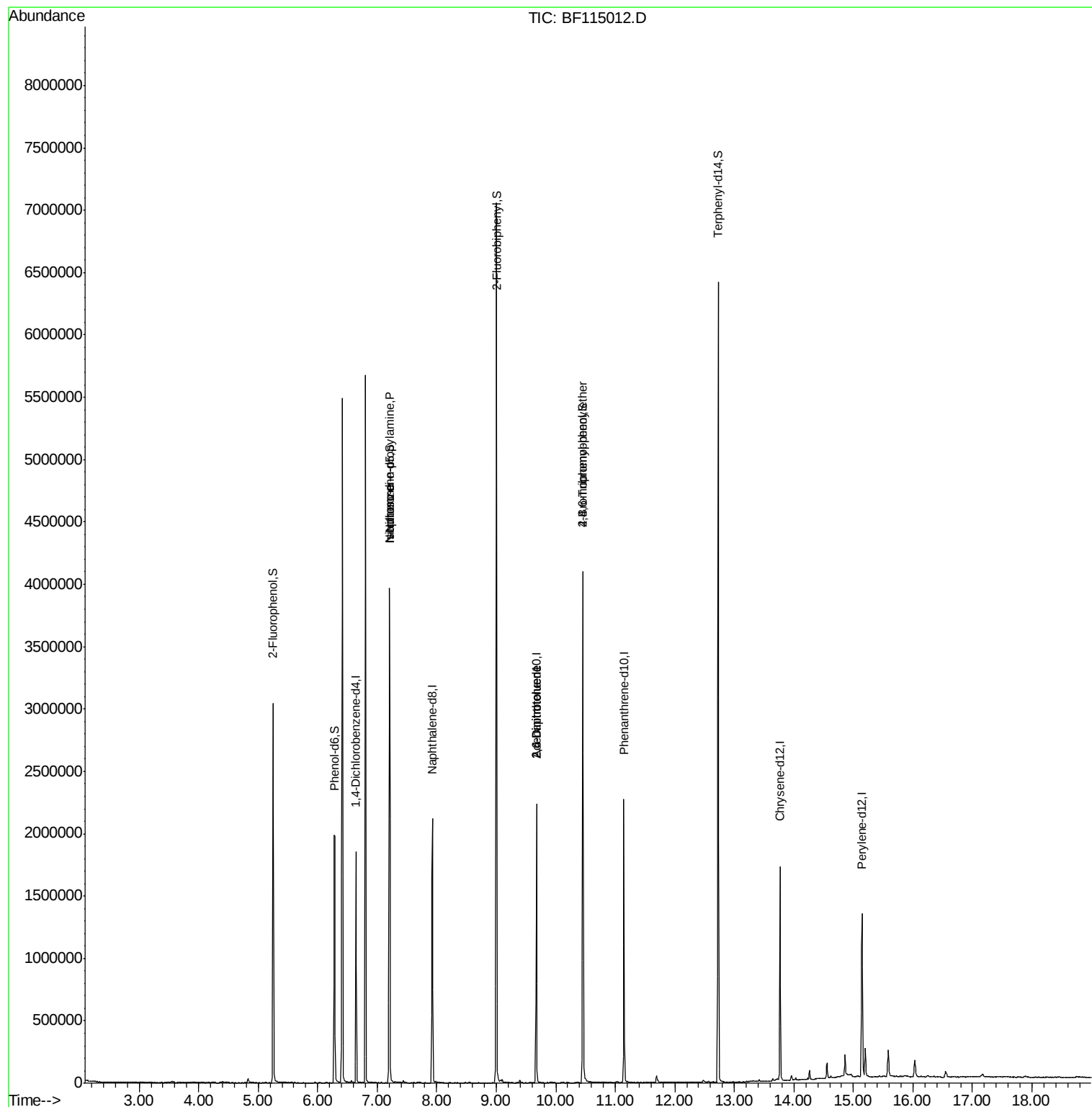
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	263201	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	988774	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	465063	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	824859	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	554401	20.00	ng	-0.01
87) Perylene-d12	15.14	264	556218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	927630	58.85	ng	0.00
7) Phenol-d6	6.29	99	737159	38.77	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1414337	86.10	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	547862	110.01	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2591295	94.43	ng	0.00
79) Terphenyl-d14	12.73	244	2330261	79.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	1118	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	188769	16.340 ng	#	1
25) Isophorone	7.21	82	1391701	45.234 ng	#	78
51) 2,6-Dinitrotoluene	9.67	165	59000	7.437 ng	#	62
57) 2,4-Dinitrotoluene	9.67	165	59000	5.843 ng	#	36
58) Fluorene	10.46	166	24352	Below Cal	#	29
67) 4-Bromophenyl-phenylether	10.46	248	35320	3.988 ng	#	88
					#	1

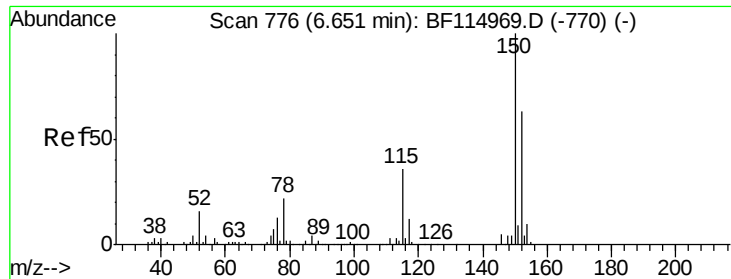
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 12 15:42:37 2019
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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: BF115012.D

Acq: 13 Jun 2019 20:03

Instrument :

BNA_F

ClientSampleId :

C-MW-10_061119

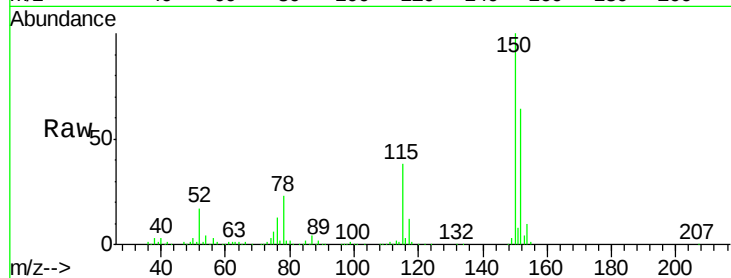
Tgt Ion:152 Resp: 263201

Ion Ratio Lower Upper

152 100

150 155.3 127.4 191.0

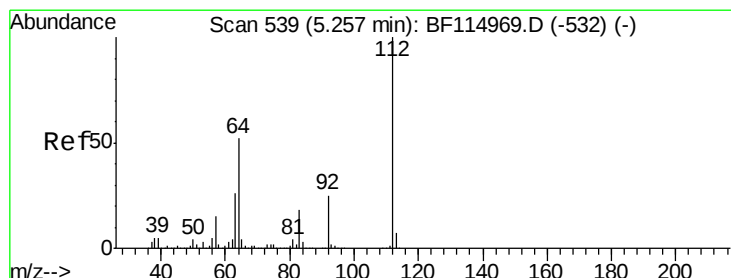
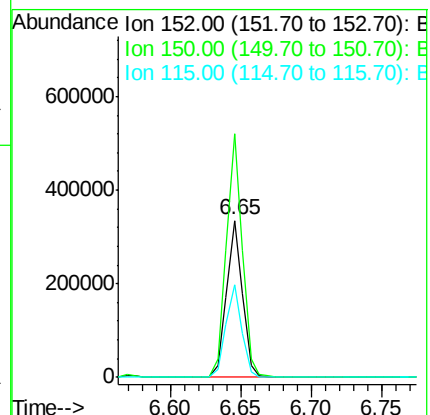
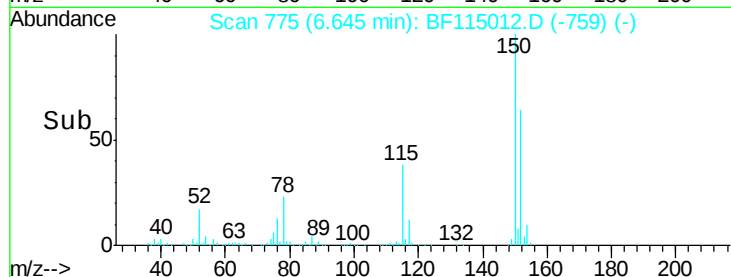
115 58.7 46.0 69.0



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: 58.850 ng

RT: 5.25 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF115012.D

Acq: 13 Jun 2019 20:03

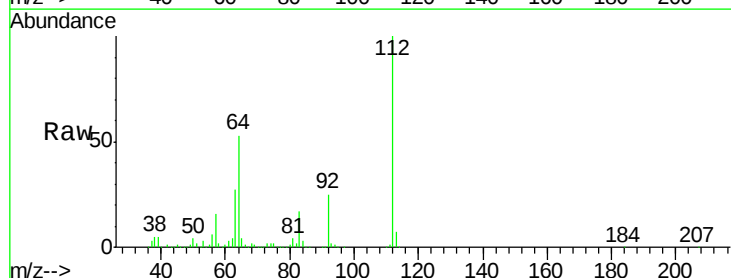
Tgt Ion:112 Resp: 927630

Ion Ratio Lower Upper

112 100

64 53.2 41.6 62.4

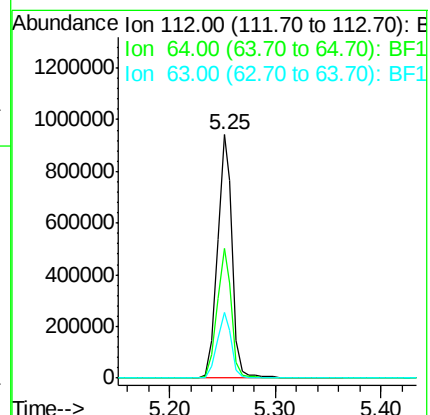
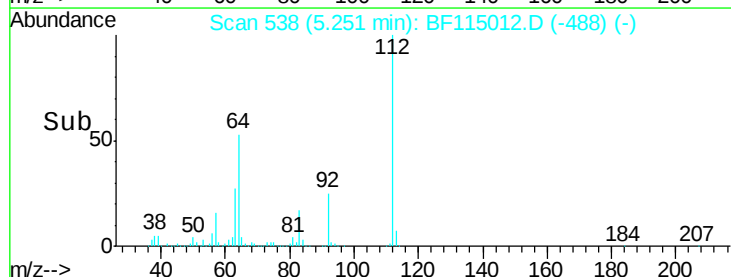
63 27.2 20.9 31.3

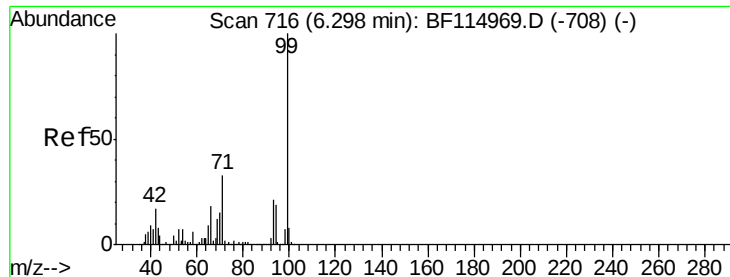


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 38.769 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115012.D

Acq: 13 Jun 2019 20:03

Instrument :

BNA_F

ClientSampleId :

C-MW-10_061119

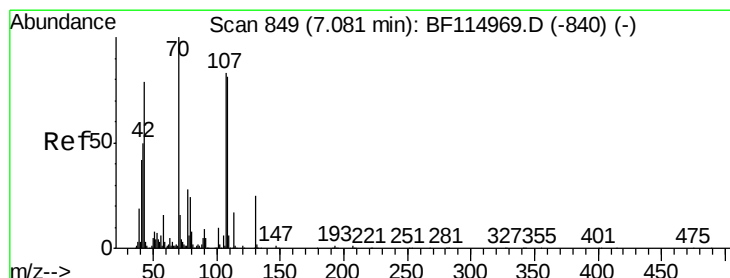
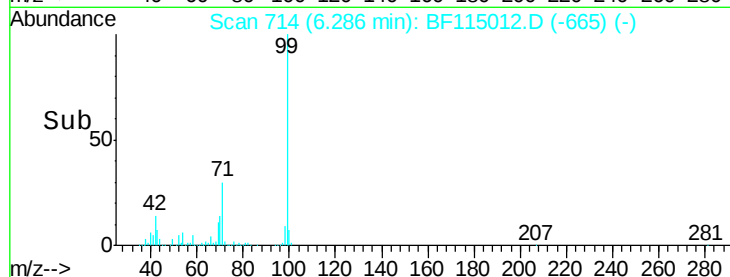
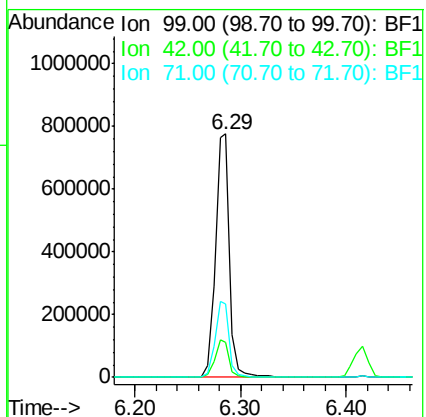
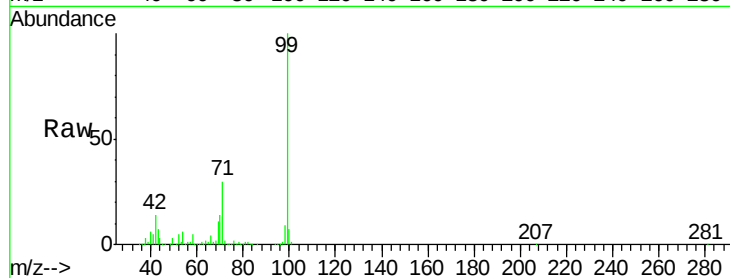
Tgt Ion: 99 Resp: 737159

Ion Ratio Lower Upper

99 100

42 14.2 13.4 20.2

71 30.3 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.340 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115012.D

Acq: 13 Jun 2019 20:03

Tgt Ion: 70 Resp: 188769

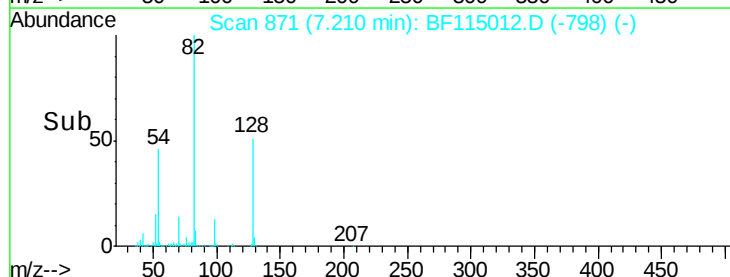
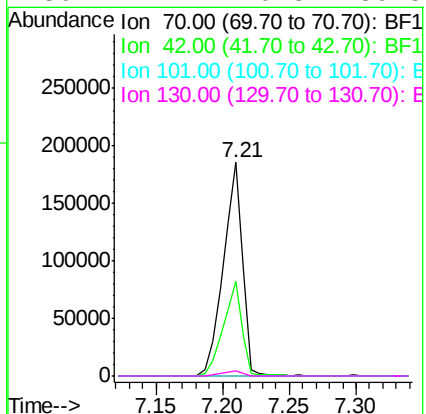
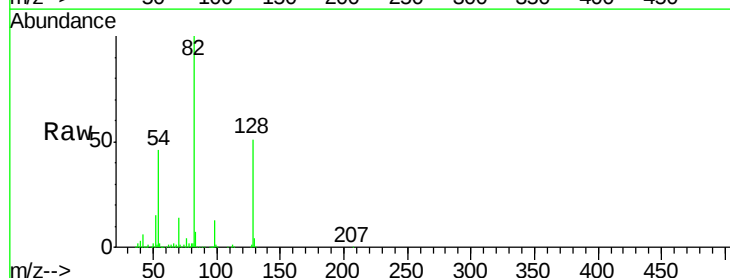
Ion Ratio Lower Upper

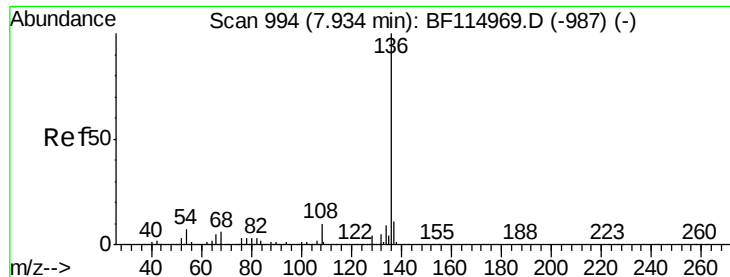
70 100

42 44.1 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 20.3 30.5#

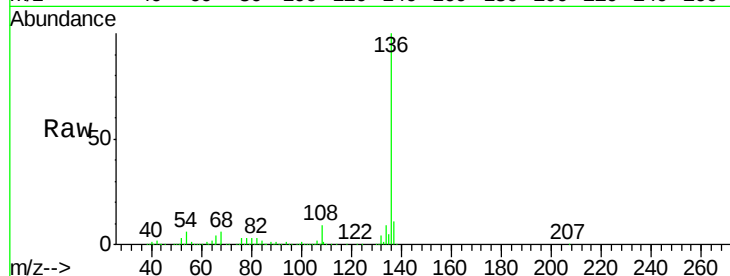




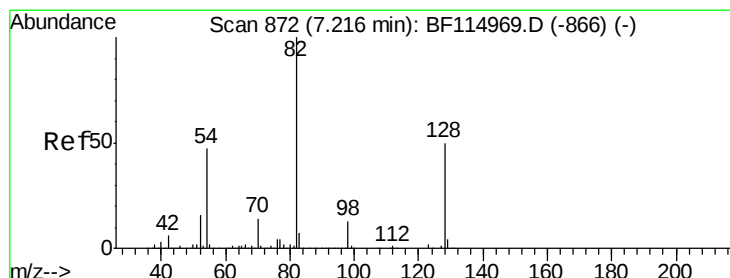
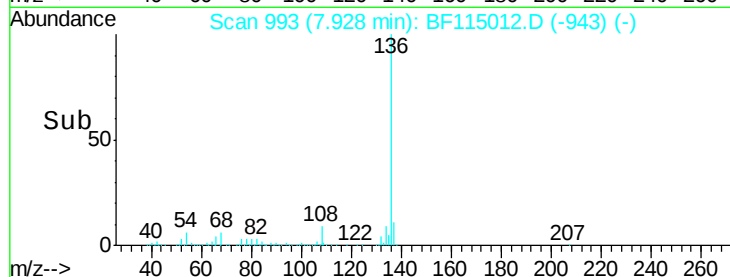
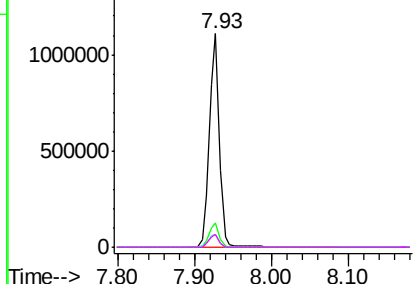
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Instrument :
BNA_F
ClientSampleId :
C-MW-10_061119

Tgt Ion:	136	Resp:	988774
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.1	5.4	8.0
68	5.7	4.6	7.0

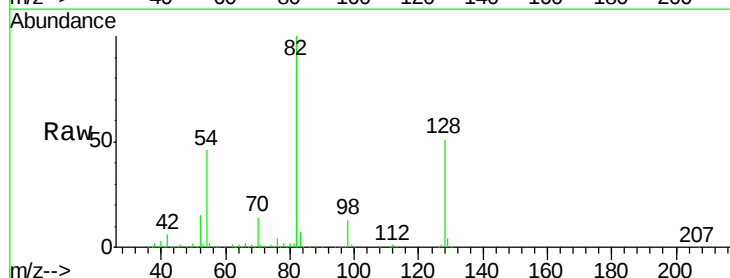


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

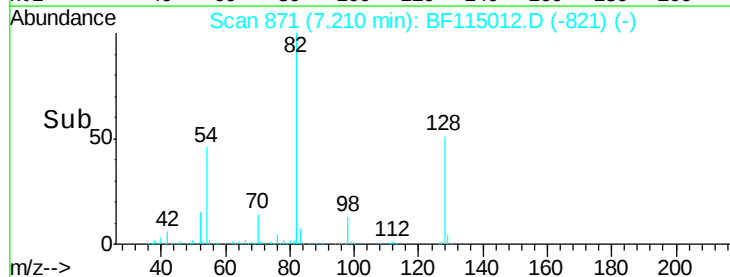
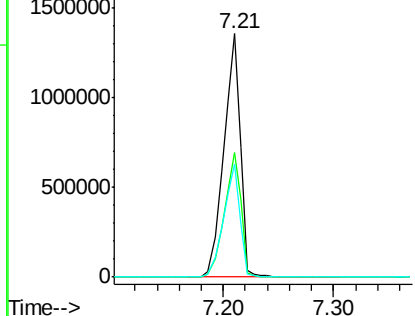


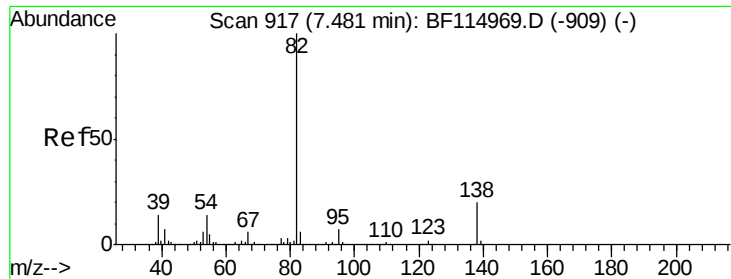
#23
Nitrobenzene-d5
Concen: 86.098 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Tgt Ion:	82	Resp:	1414337
Ion	Ratio	Lower	Upper
82	100		
128	51.0	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: 45.234 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115012.D

Acq: 13 Jun 2019 20:03

Instrument :

BNA_F

ClientSampleId :

C-MW-10_061119

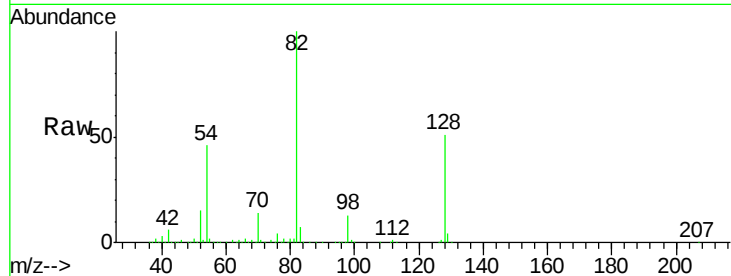
Tgt Ion: 82 Resp: 1391701

Ion Ratio Lower Upper

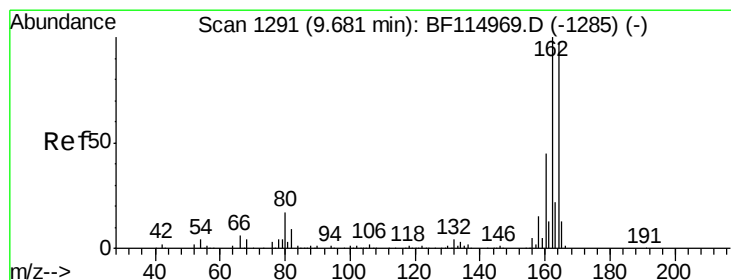
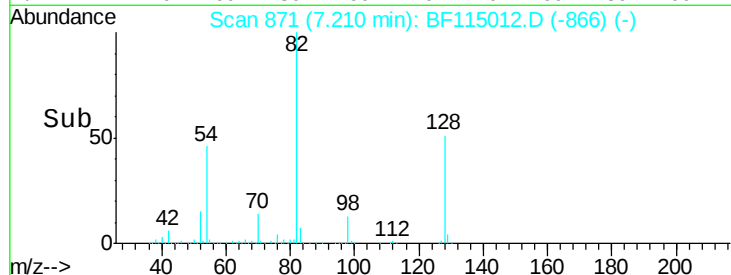
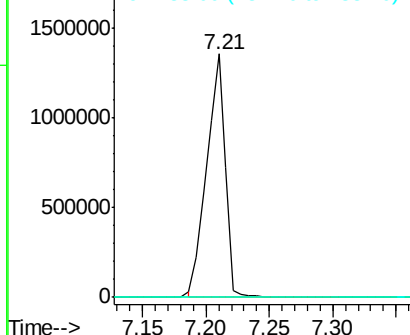
82 100

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: BF115012.D

Acq: 13 Jun 2019 20:03

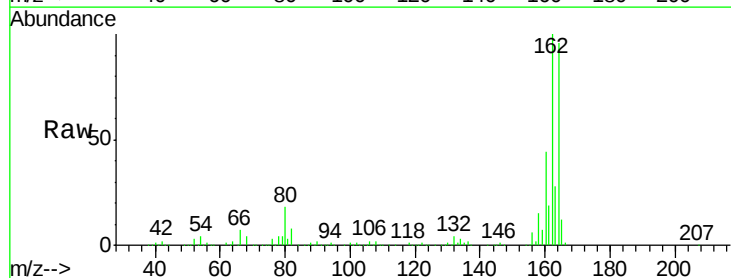
Tgt Ion: 164 Resp: 465063

Ion Ratio Lower Upper

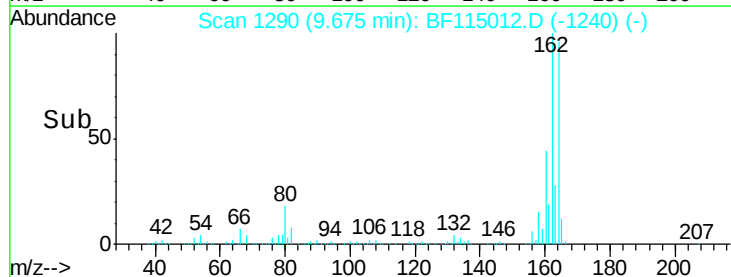
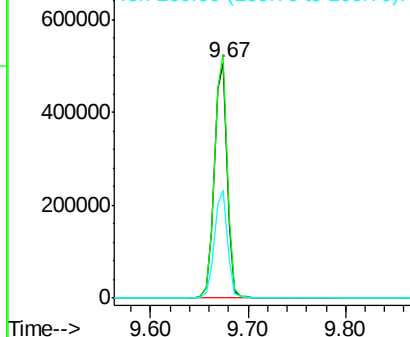
164 100

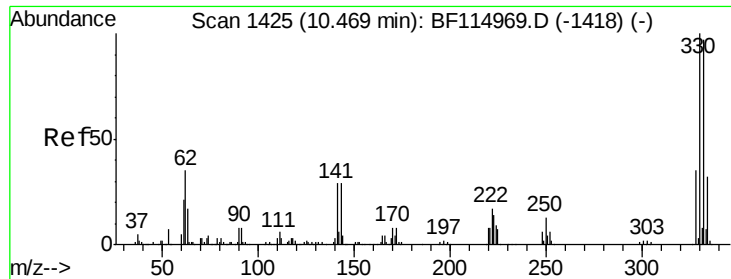
162 103.7 82.6 124.0

160 45.8 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

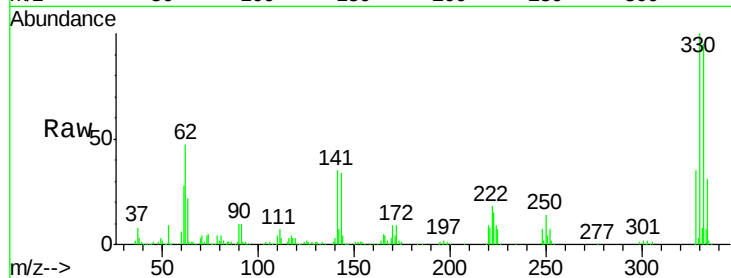




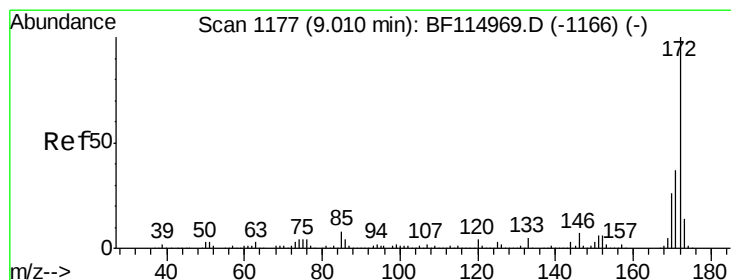
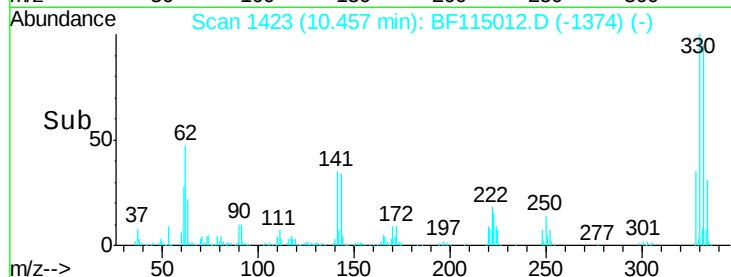
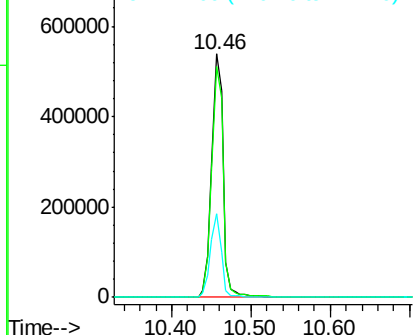
#42
 2,4,6-Tribromophenol
 Concen: 110.008 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115012.D
 Acq: 13 Jun 2019 20:03

Instrument :
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 C-MW-10_061119

Tgt Ion:330 Resp: 547862
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.6 116.4
 141 32.9 27.2 40.8

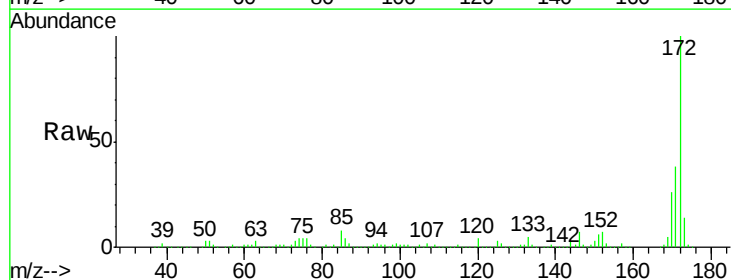


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

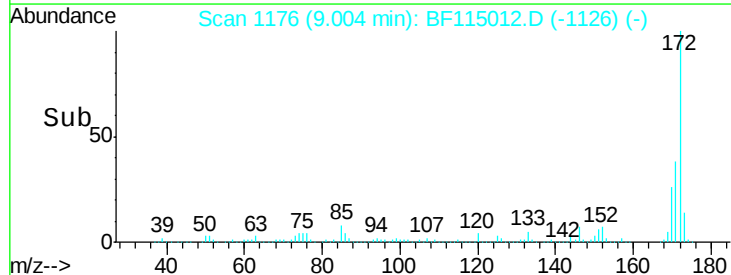
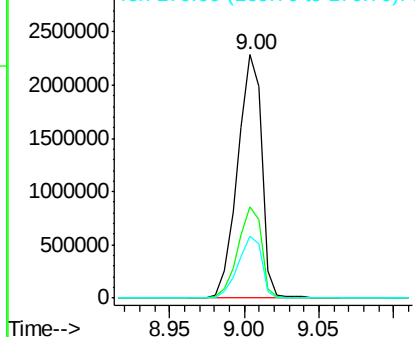


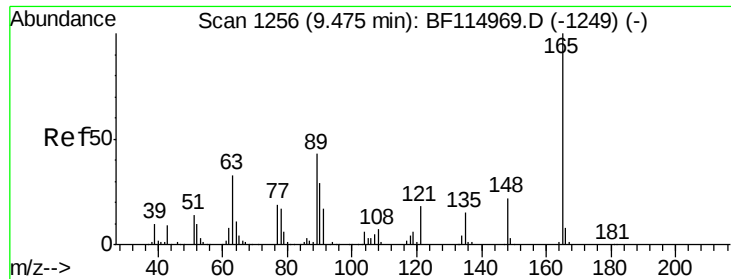
#45
 2-Fluorobiphenyl
 Concen: 94.435 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115012.D
 Acq: 13 Jun 2019 20:03

Tgt Ion:172 Resp: 2591295
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.6 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

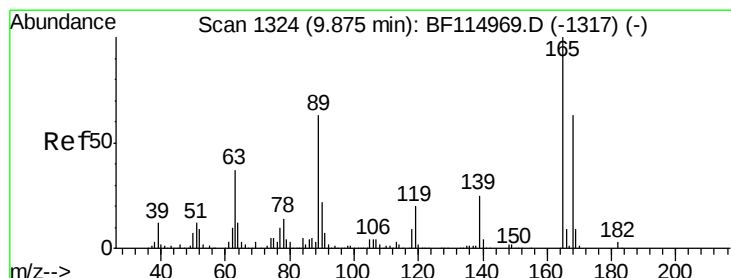
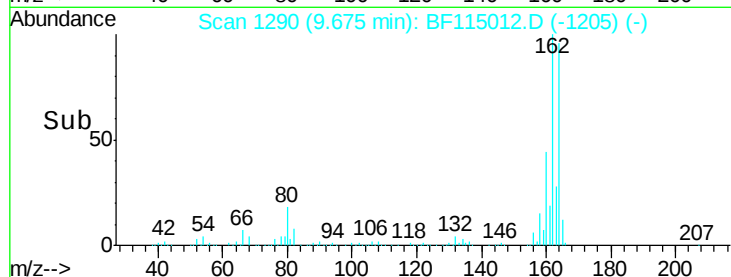
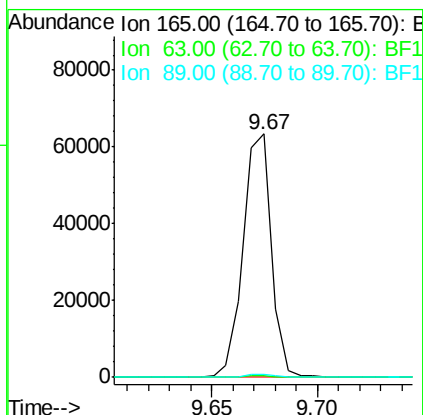
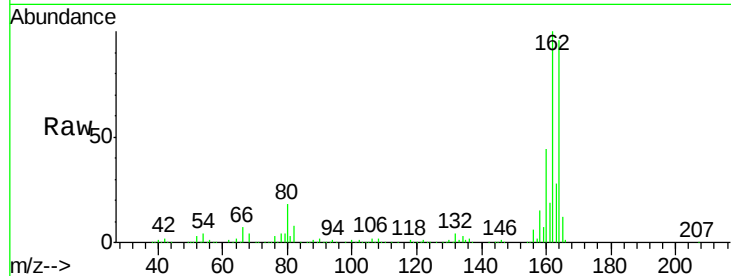




#51
 2,6-Dinitrotoluene
 Concen: 7.437 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.20 min
 Lab File: BF115012.D
 Acq: 13 Jun 2019 20:03

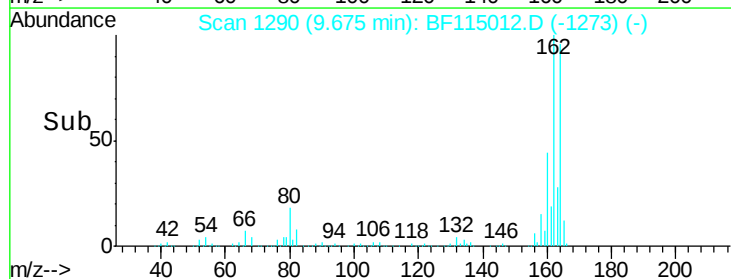
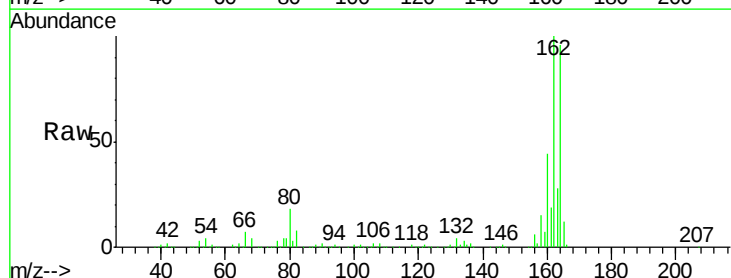
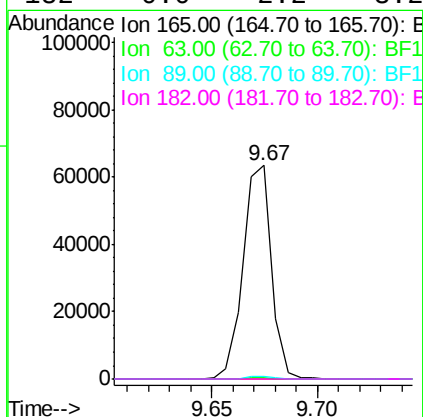
Instrument :
 BNA_F
 ClientSampleId :
 C-MW-10_061119

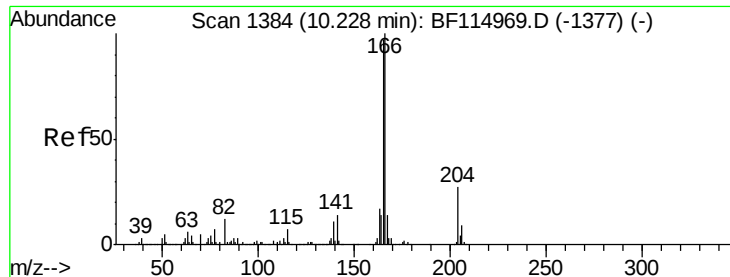
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	30.6	46.0#
89	1.3	34.4	51.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.843 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115012.D
 Acq: 13 Jun 2019 20:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.4	44.2#
89	1.3	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: BF115012.D

Acq: 13 Jun 2019 20:03

Instrument :

BNA_F

ClientSampleId :

C-MW-10_061119

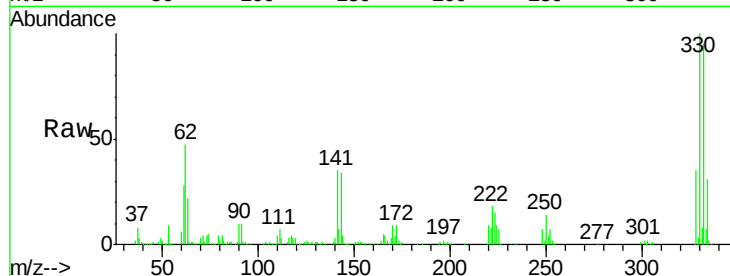
Tgt Ion:166 Resp: 24352

Ion Ratio Lower Upper

166 100

165 103.4 77.6 116.4

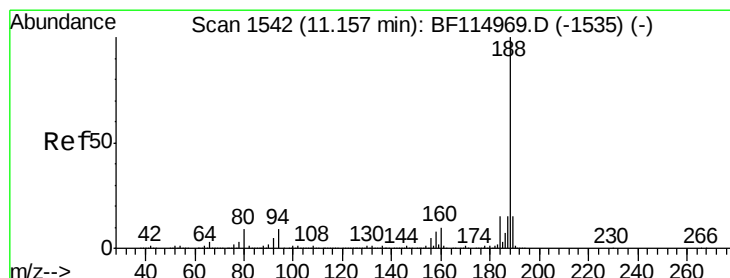
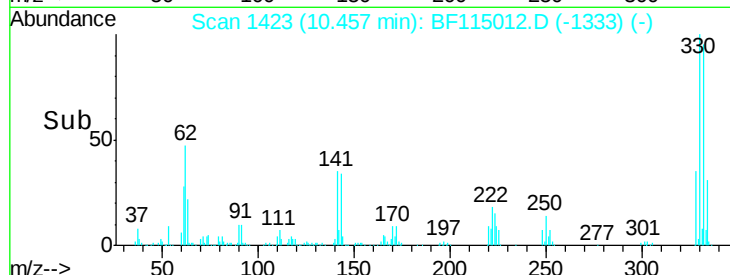
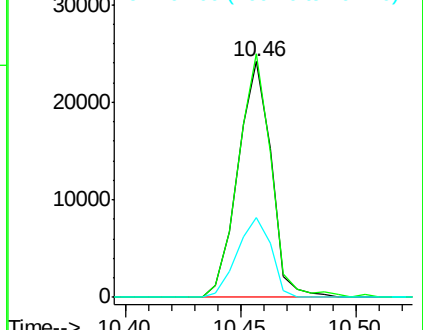
167 34.0 11.0 16.4#



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: 11.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115012.D

Acq: 13 Jun 2019 20:03

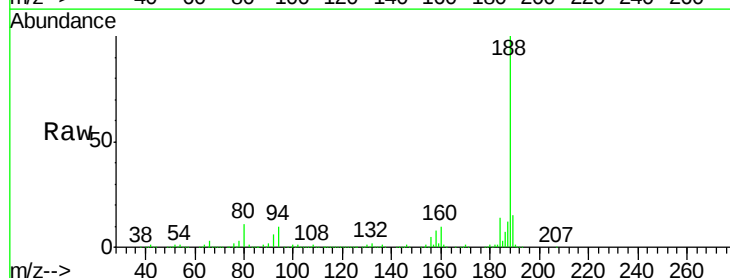
Tgt Ion:188 Resp: 824859

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

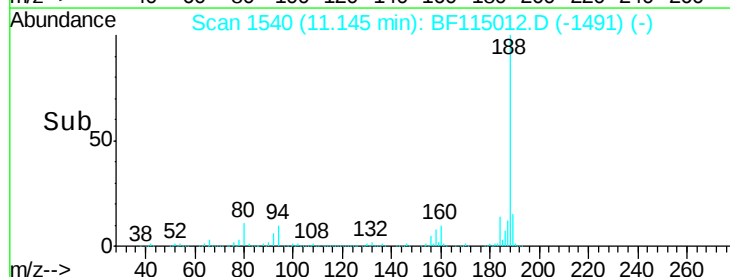
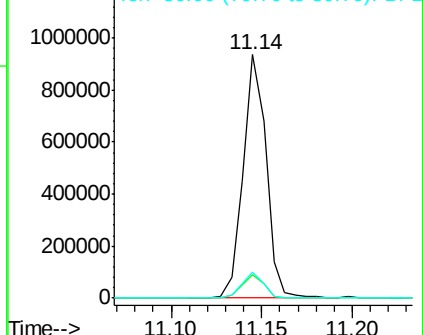
80 10.7 7.4 11.2

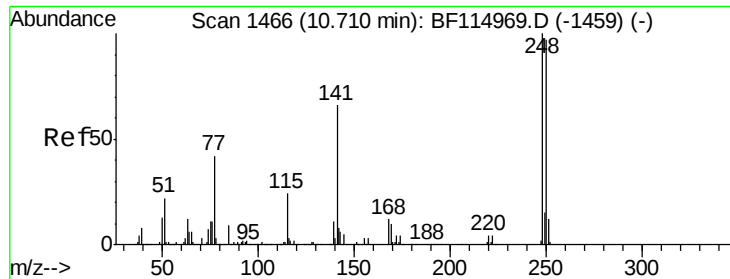


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

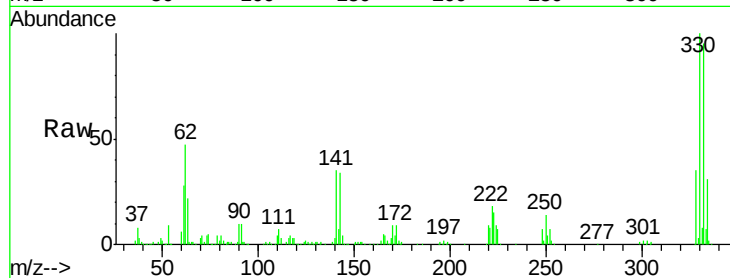




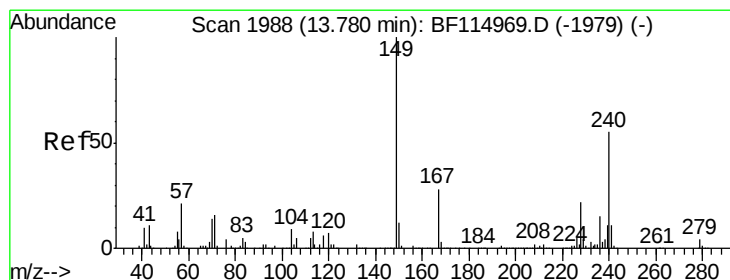
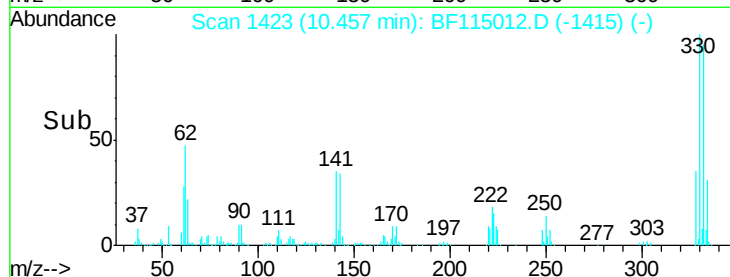
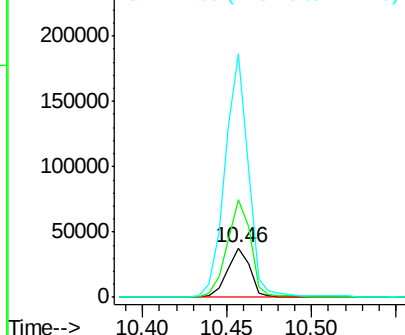
#67
4-Bromophenyl-phenylether
Concen: 3.988 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Instrument :
BNA_F
ClientSampleId :
C-MW-10_061119

Tgt Ion:248 Resp: 35320
Ion Ratio Lower Upper
248 100
250 197.0 77.8 116.8#
141 493.2 53.1 79.7#

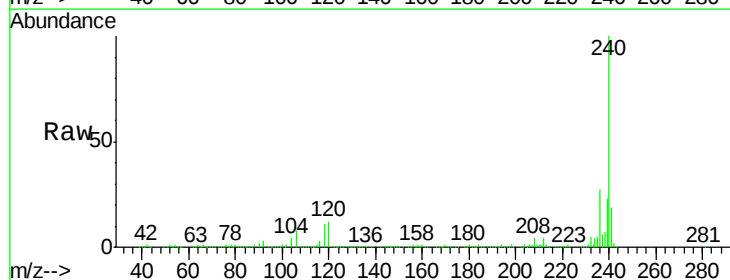


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

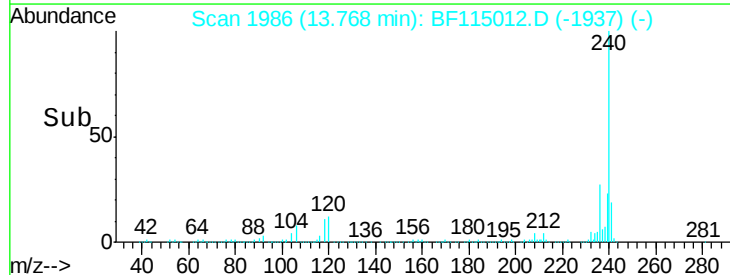
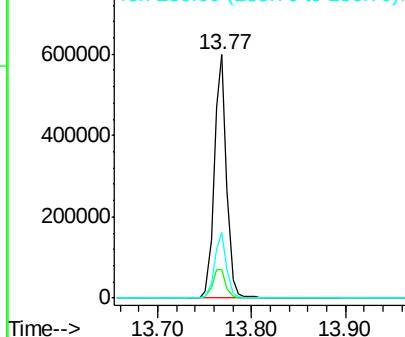


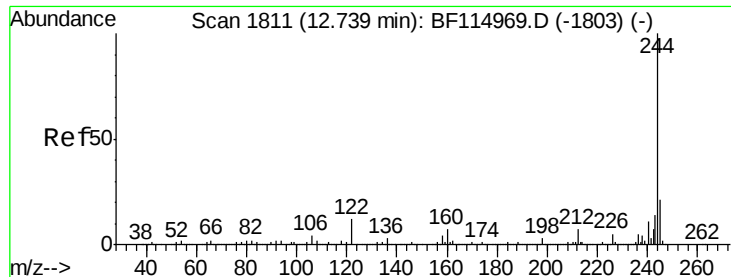
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115012.D
Acq: 13 Jun 2019 20:03

Tgt Ion:240 Resp: 554401
Ion Ratio Lower Upper
240 100
120 11.8 10.0 15.0
236 27.0 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

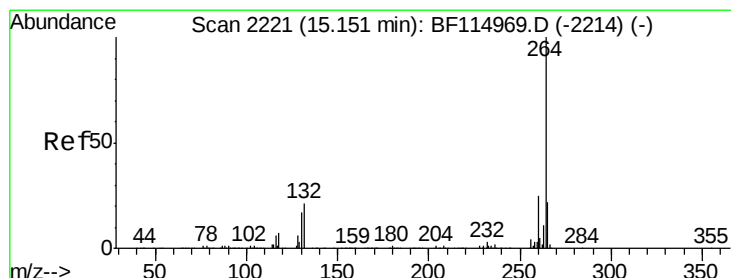
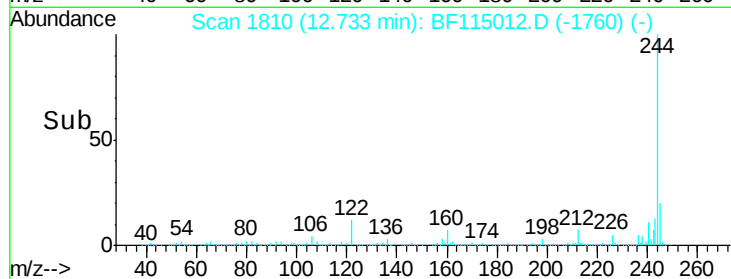
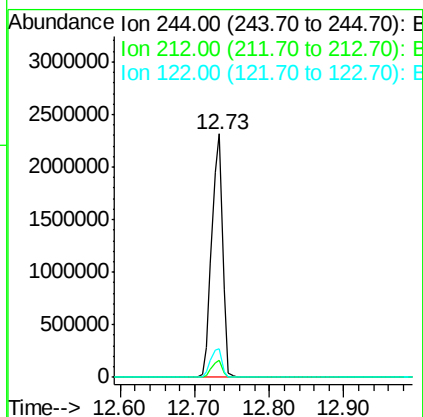
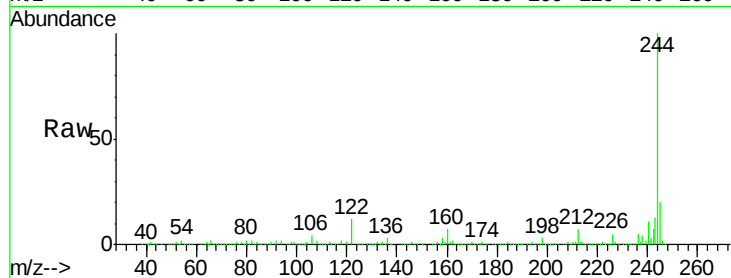




#79
 Terphenyl-d14
 Concen: 79.057 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115012.D
 Acq: 13 Jun 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-10_061119

Tgt Ion:244 Resp: 2330261
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.8 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: BF115012.D
 Acq: 13 Jun 2019 20:03

Tgt Ion:264 Resp: 556218
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.4 17.6 26.4

