

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115011.D
 Acq On : 13 Jun 2019 19:37
 Operator : HP/JU
 Sample : K3345-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-9_061119

Quant Time: Jun 14 03:48:43 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

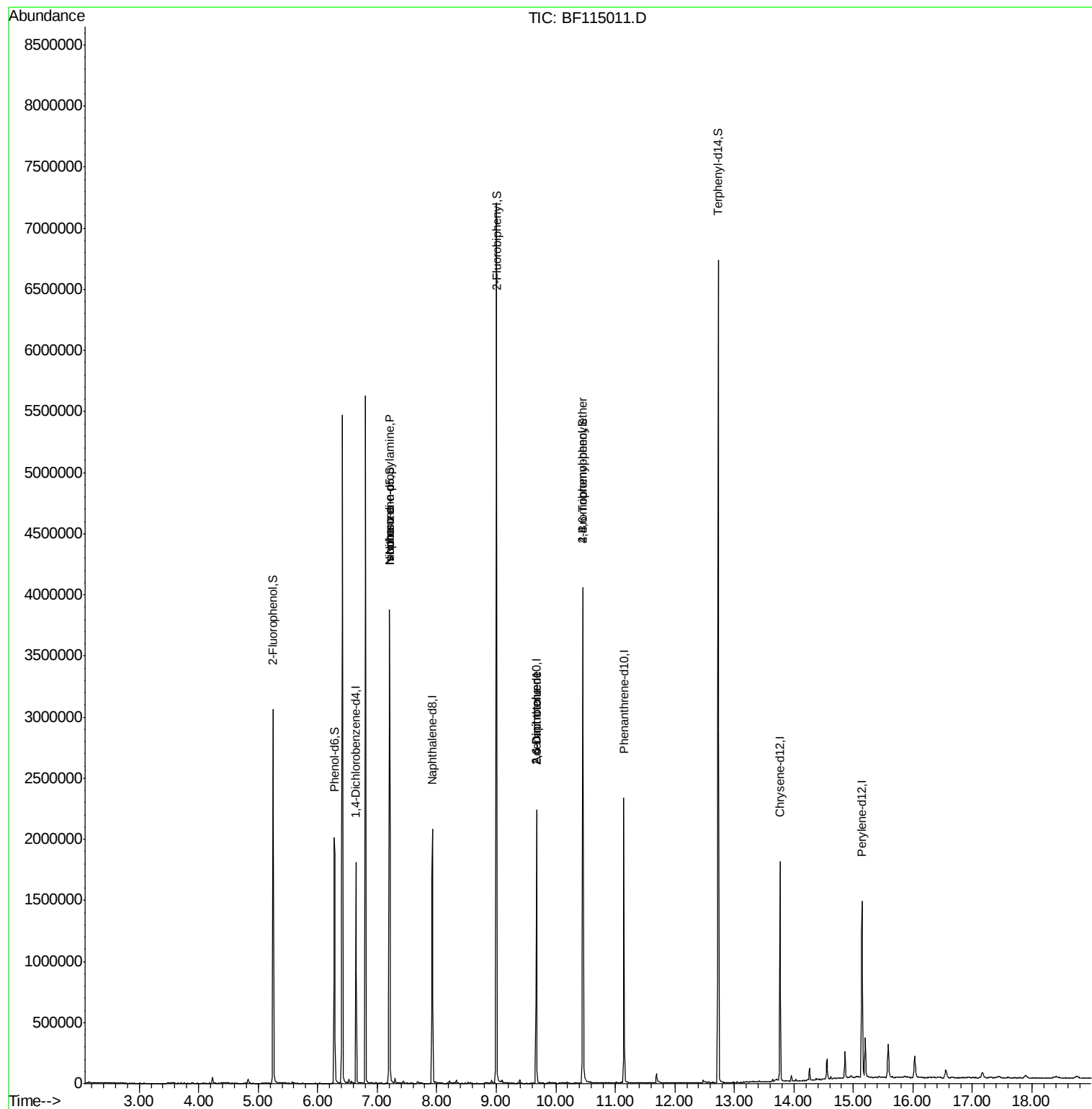
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	256663	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	970972	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	459608	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	836670	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	584468	20.00	ng	-0.01
87) Perylene-d12	15.14	264	584591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	924170	60.12	ng	0.00
7) Phenol-d6	6.28	99	738414	39.82	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1417929	87.90	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	554642	112.69	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2559195	94.37	ng	0.00
79) Terphenyl-d14	12.73	244	2463293	79.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.28	77	1080	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	187424	16.637 ng	#	1
25) Isophorone	7.21	82	1394470	46.155 ng	#	76
51) 2,6-Dinitrotoluene	9.67	165	57035	7.274 ng	#	62
57) 2,4-Dinitrotoluene	9.67	165	57035	5.715 ng	#	37
58) Fluorene	10.46	166	24816	Below Cal	#	29
67) 4-Bromophenyl-phenylether	10.46	248	36265	4.037 ng	#	90
					#	1

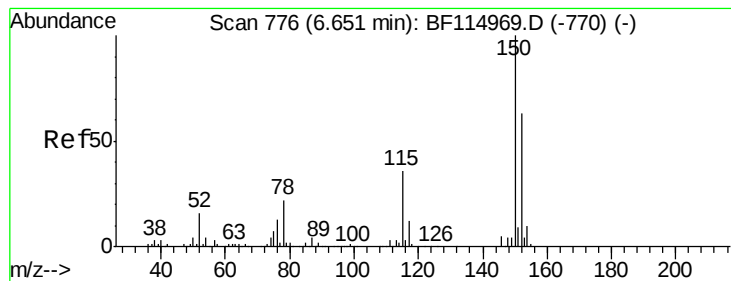
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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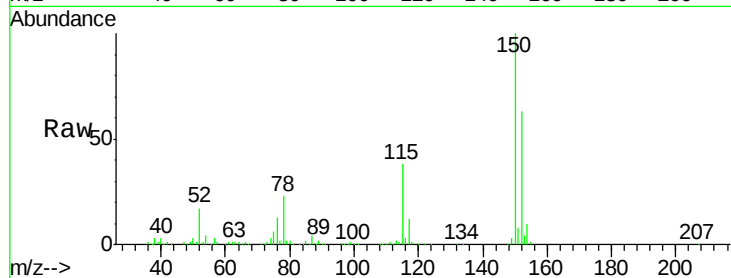




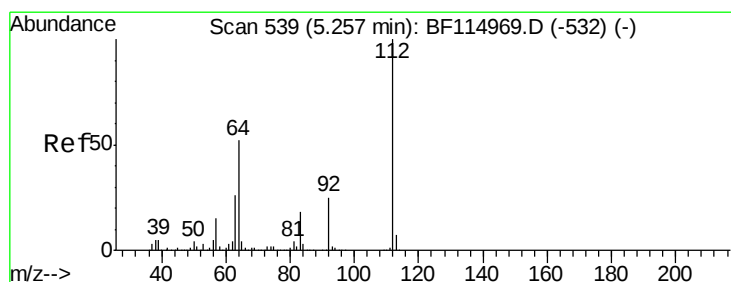
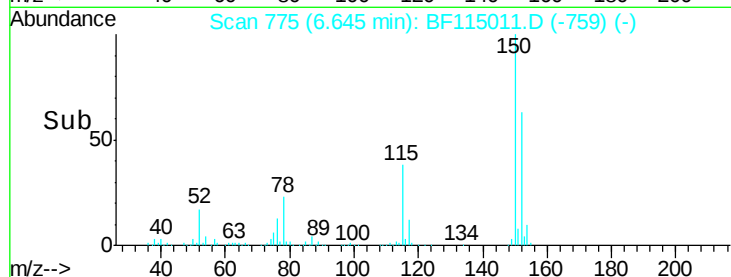
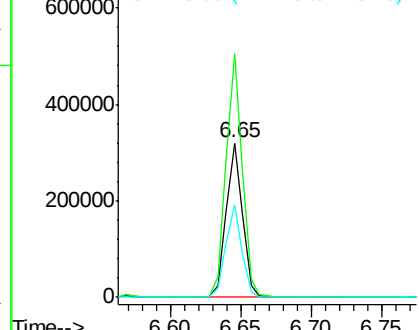
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115011.D
 Acq: 13 Jun 2019 19:37

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-9_061119

Tgt Ion:152 Resp: 256663
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.4 191.0
 115 60.1 46.0 69.0

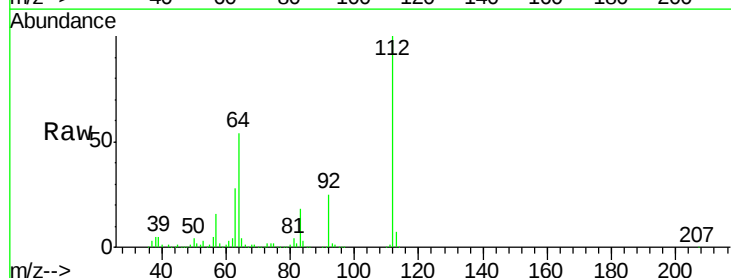


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

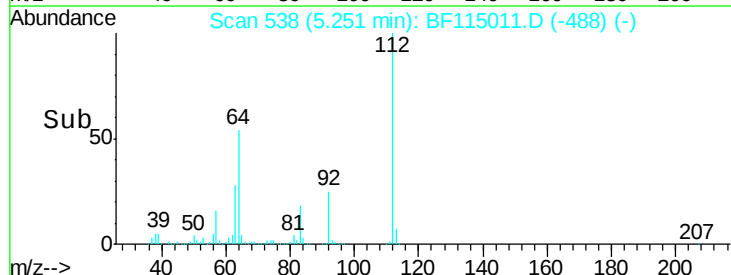
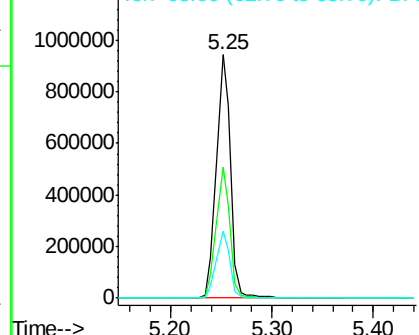


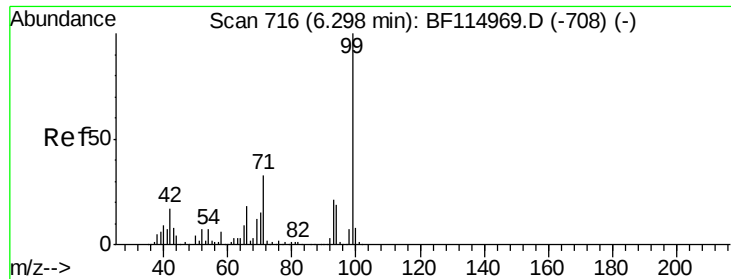
#5
 2-Fluorophenol
 Concen: 60.124 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF115011.D
 Acq: 13 Jun 2019 19:37

Tgt Ion:112 Resp: 924170
 Ion Ratio Lower Upper
 112 100
 64 53.9 41.6 62.4
 63 27.5 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: 39.824 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115011.D

Acq: 13 Jun 2019 19:37

Instrument :

BNA_F

ClientSampleId :

C-MW-9_061119

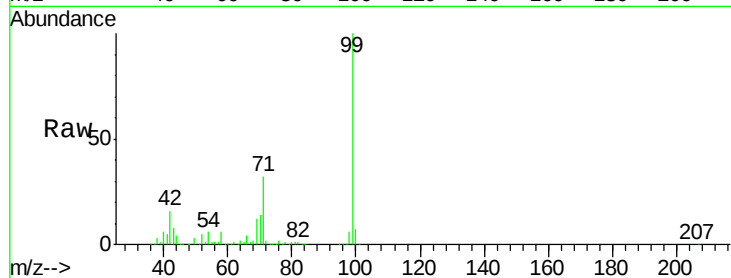
Tgt Ion: 99 Resp: 738414

Ion Ratio Lower Upper

99 100

42 15.7 13.4 20.2

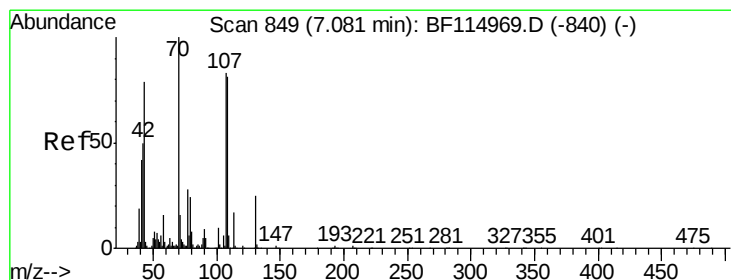
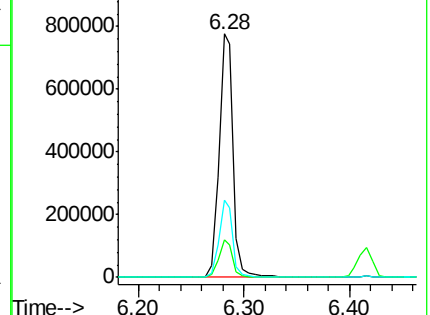
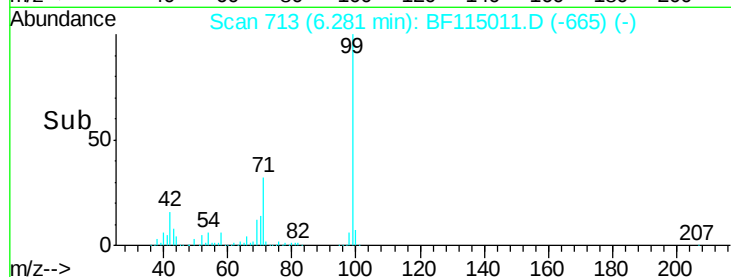
71 31.9 26.4 39.6



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: 16.637 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115011.D

Acq: 13 Jun 2019 19:37

Tgt Ion: 70 Resp: 187424

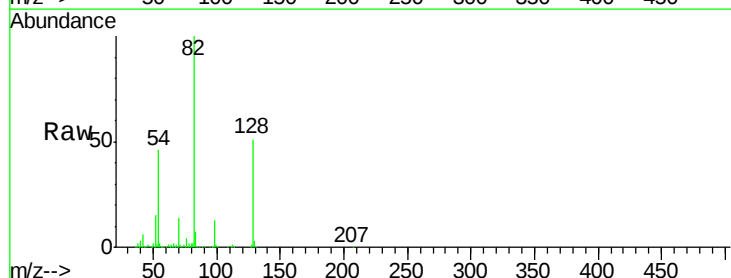
Ion Ratio Lower Upper

70 100

42 42.2 40.3 60.5

101 0.0 8.2 12.4#

130 2.3 20.3 30.5#

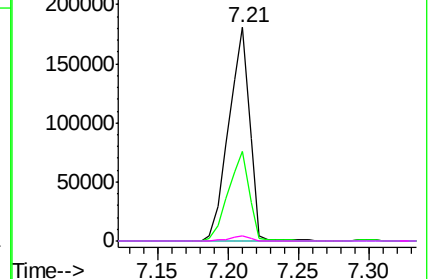
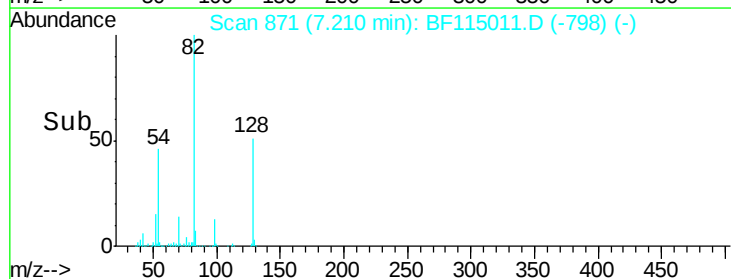


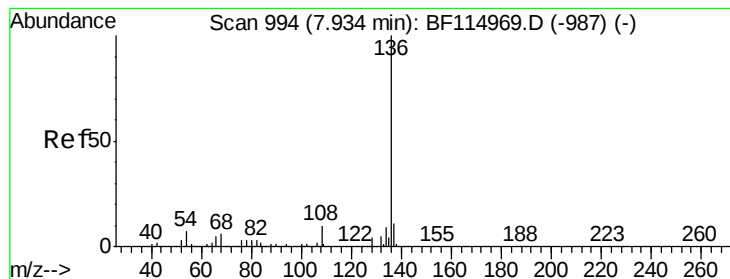
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF115011.D

Acq: 13 Jun 2019 19:37

Instrument :

BNA_F

ClientSampleId :

C-MW-9_061119

Tgt Ion: 136 Resp: 970972

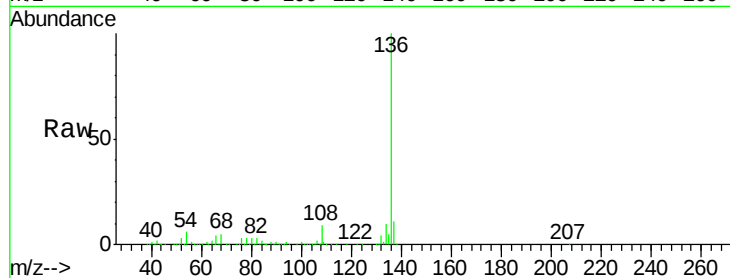
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.1 5.4 8.0

68 5.4 4.6 7.0

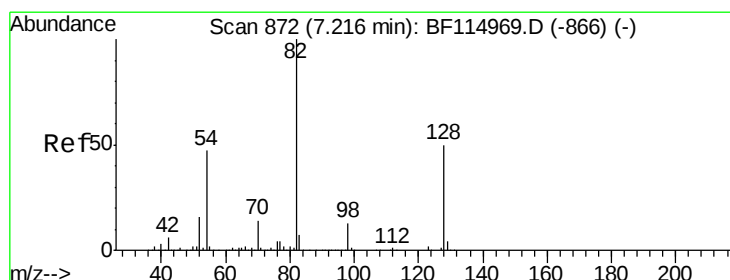
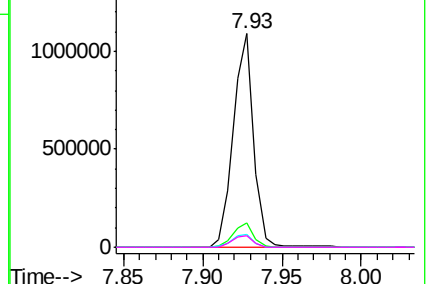
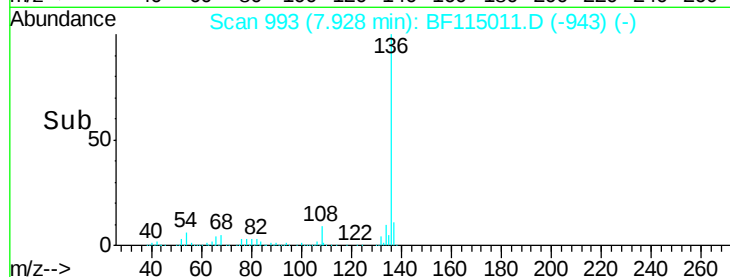


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.900 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115011.D

Acq: 13 Jun 2019 19:37

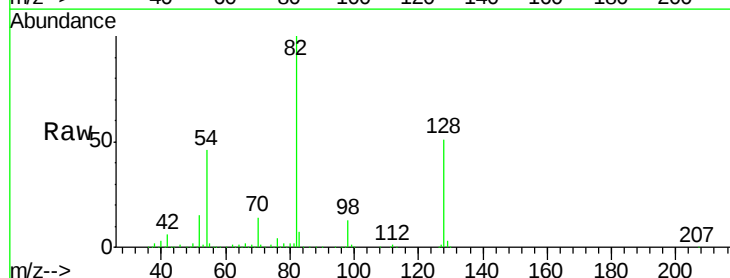
Tgt Ion: 82 Resp: 1417929

Ion Ratio Lower Upper

82 100

128 50.6 39.9 59.9

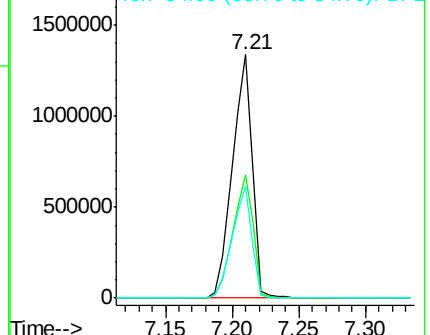
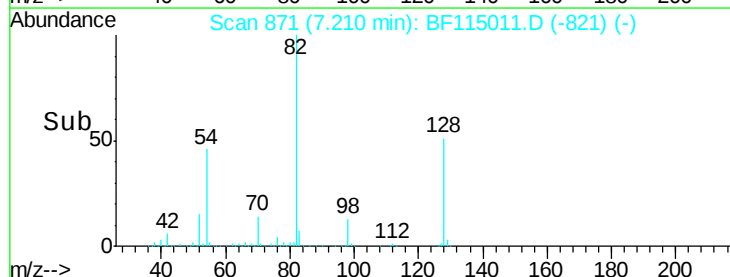
54 45.7 37.3 55.9

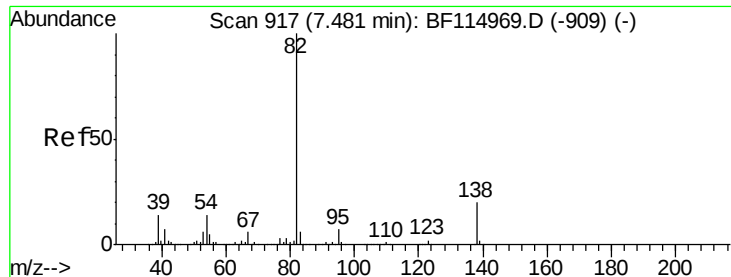


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.155 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115011.D

Acq: 13 Jun 2019 19:37

Instrument :

BNA_F

ClientSampleId :

C-MW-9_061119

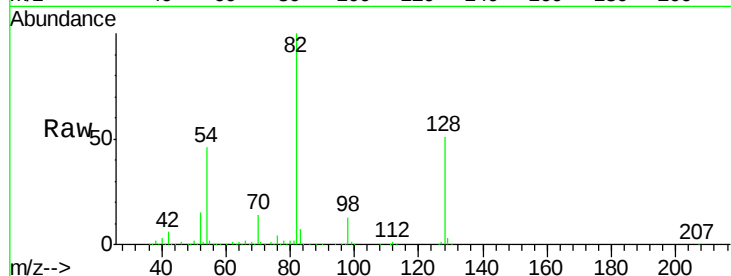
Tgt Ion: 82 Resp: 1394470

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

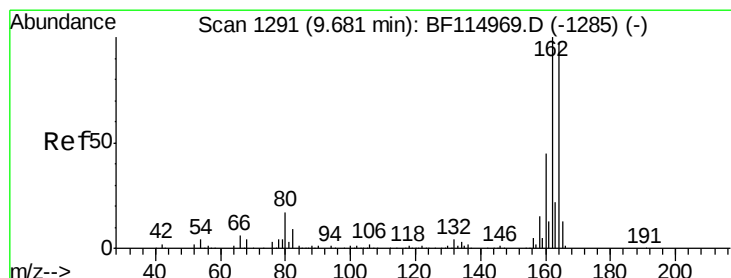
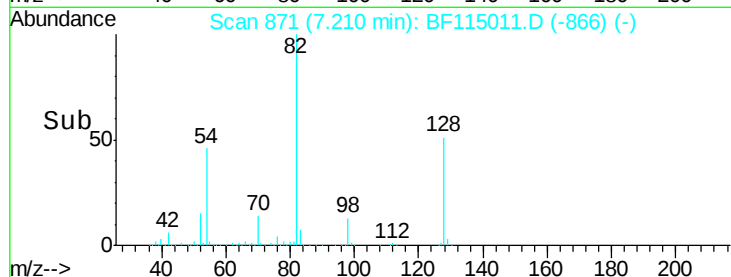
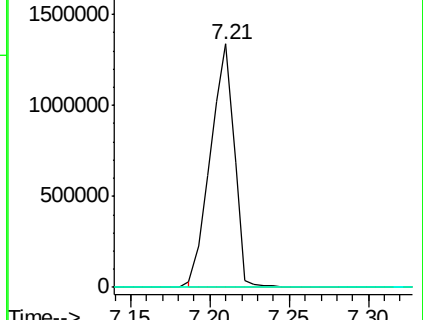
138 0.0 16.1 24.1#



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: BF115011.D

Acq: 13 Jun 2019 19:37

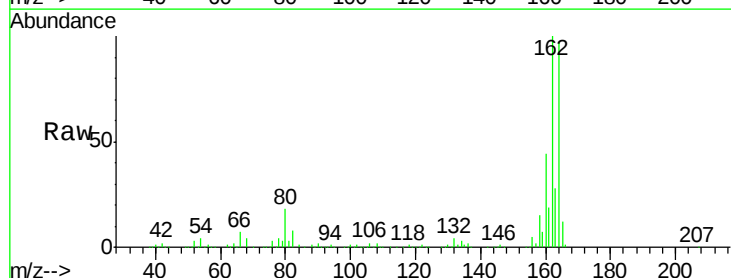
Tgt Ion: 164 Resp: 459608

Ion Ratio Lower Upper

164 100

162 103.5 82.6 124.0

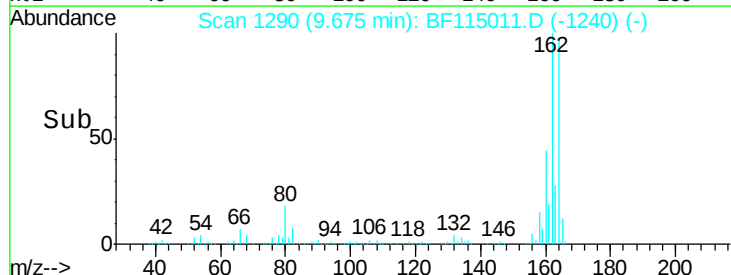
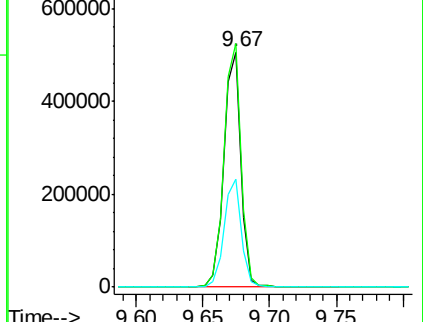
160 46.0 36.9 55.3

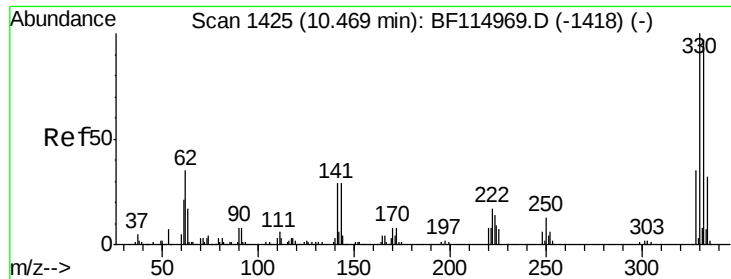


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 112.692 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115011.D

Acq: 13 Jun 2019 19:37

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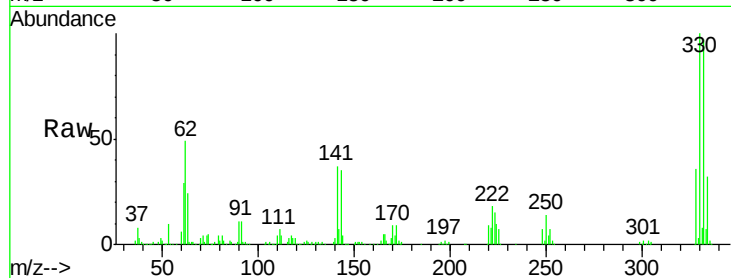
Tgt Ion:330 Resp: 554642

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

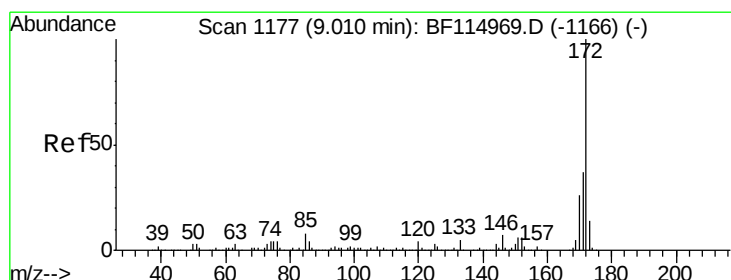
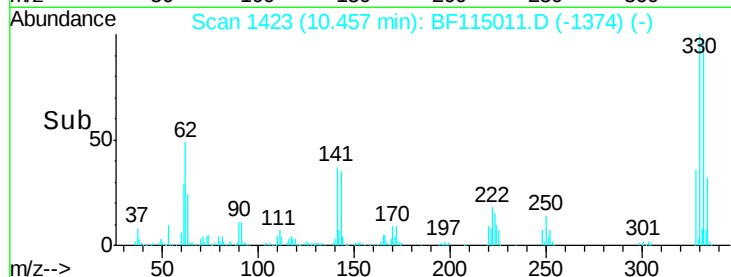
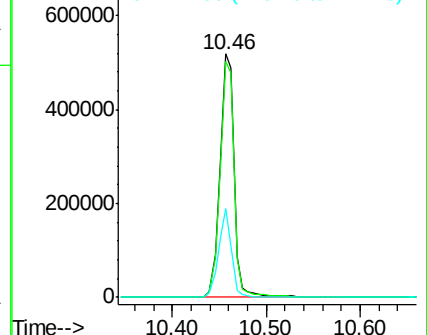
141 33.6 27.2 40.8



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: 94.372 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115011.D

Acq: 13 Jun 2019 19:37

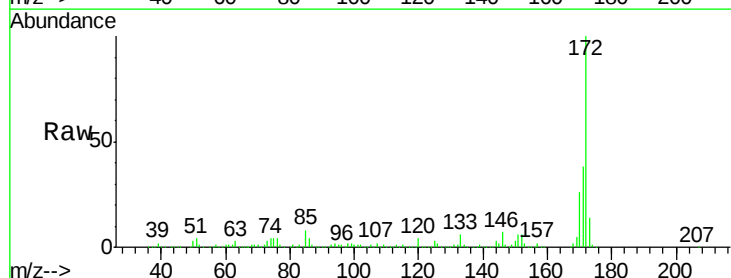
Tgt Ion:172 Resp: 2559195

Ion Ratio Lower Upper

172 100

171 37.7 29.8 44.6

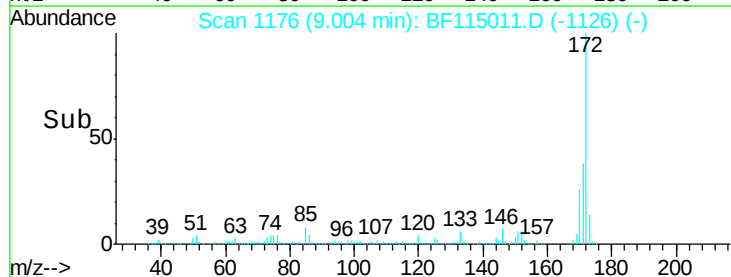
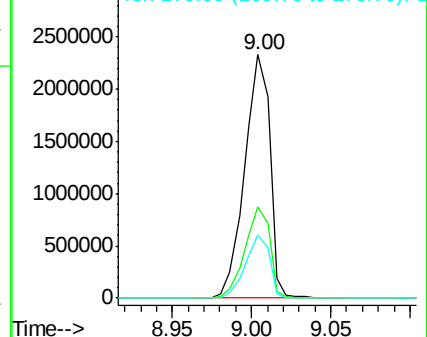
170 25.7 20.6 31.0

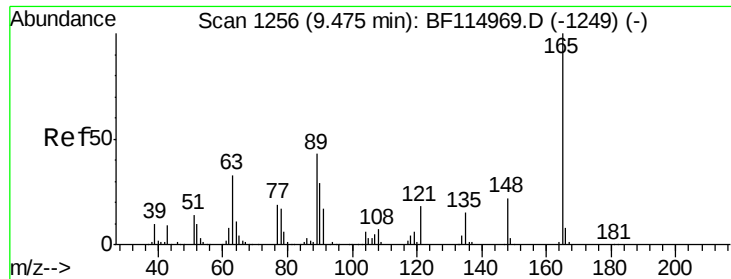


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.274 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.20 min

Lab File: BF115011.D

Acq: 13 Jun 2019 19:37

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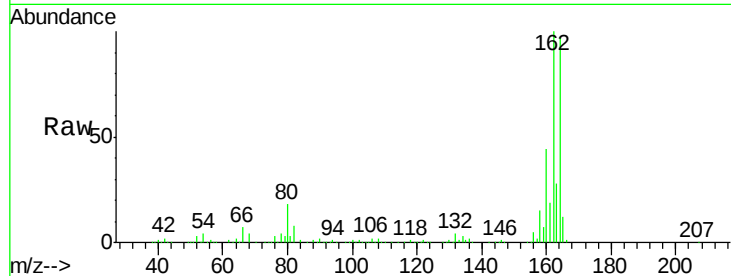
Tgt Ion:165 Resp: 57035

Ion Ratio Lower Upper

165 100

63 1.1 30.6 46.0#

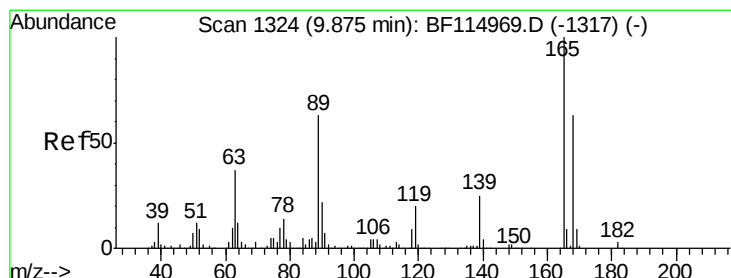
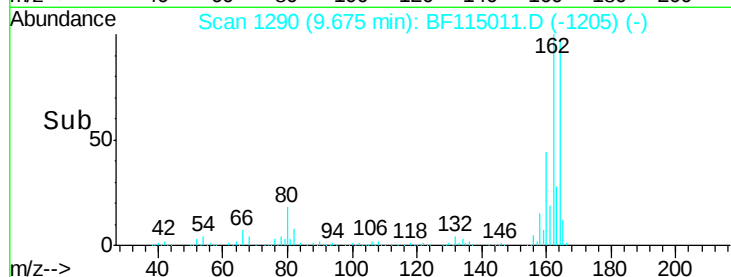
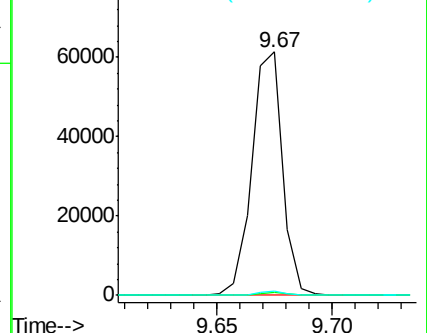
89 1.5 34.4 51.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 5.715 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.20 min

Lab File: BF115011.D

Acq: 13 Jun 2019 19:37

Tgt Ion:165 Resp: 57035

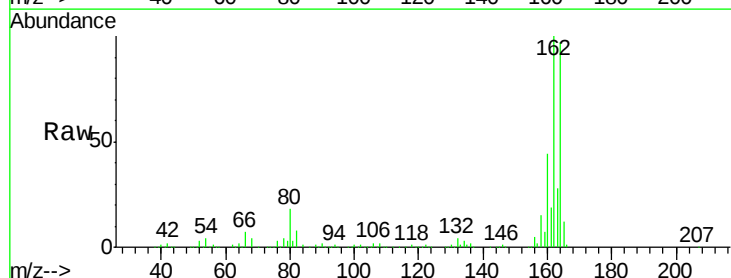
Ion Ratio Lower Upper

165 100

63 1.1 29.4 44.2#

89 1.5 50.6 75.8#

182 0.0 2.2 3.2#

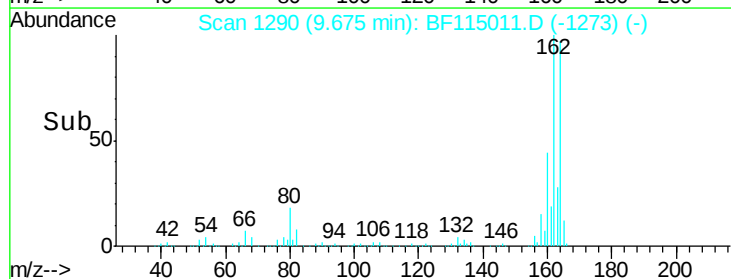
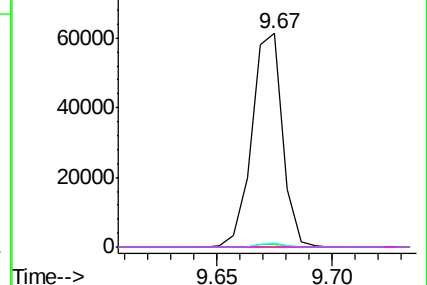


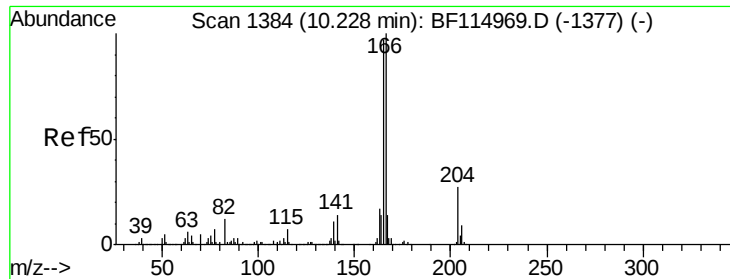
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: Below Cal

RT: 10.46 min Scan# 1423

Delta R.T. 0.23 min

Lab File: BF115011.D

Acq: 13 Jun 2019 19:37

Instrument :

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C-MW-9_061119

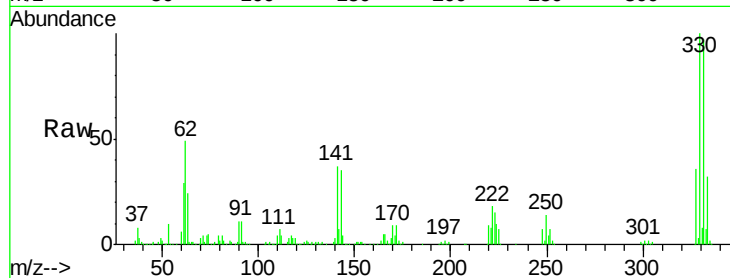
Tgt Ion:166 Resp: 24816

Ion Ratio Lower Upper

166 100

165 101.4 77.6 116.4

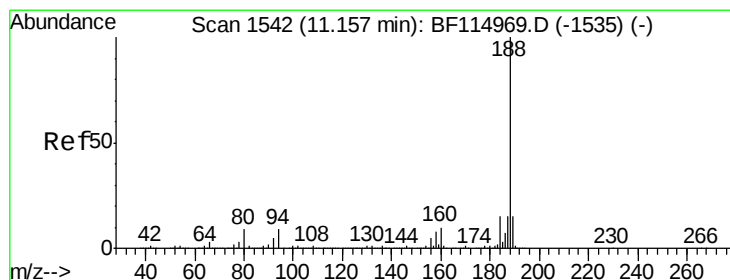
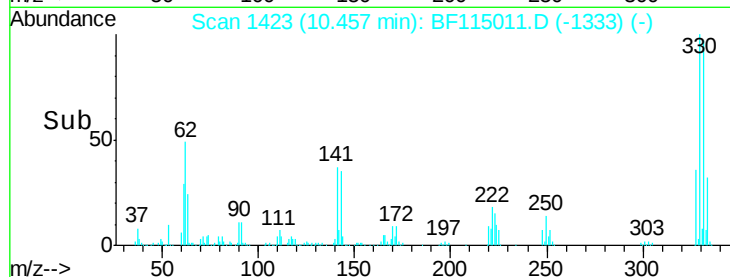
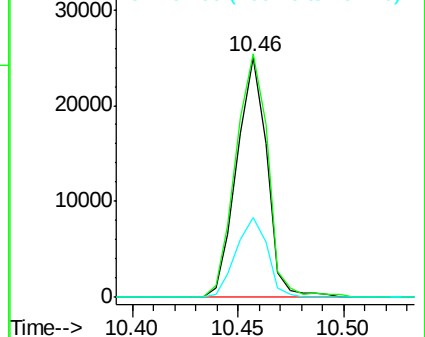
167 33.0 11.0 16.4#



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: BF115011.D

Acq: 13 Jun 2019 19:37

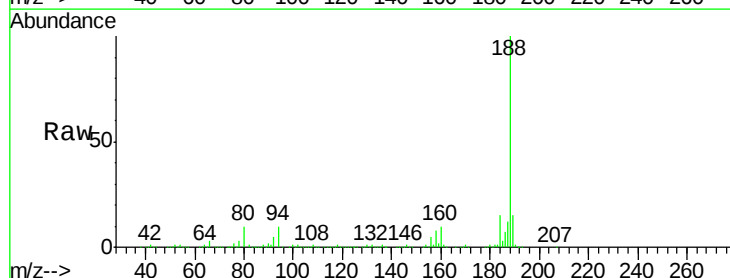
Tgt Ion:188 Resp: 836670

Ion Ratio Lower Upper

188 100

94 10.1 7.2 10.8

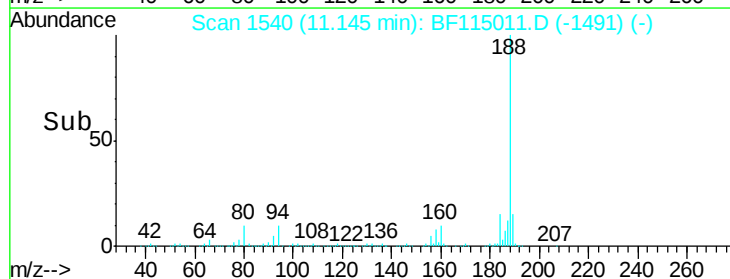
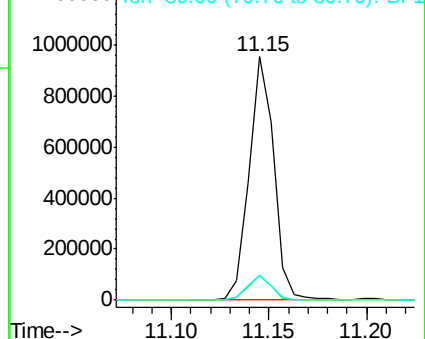
80 10.4 7.4 11.2

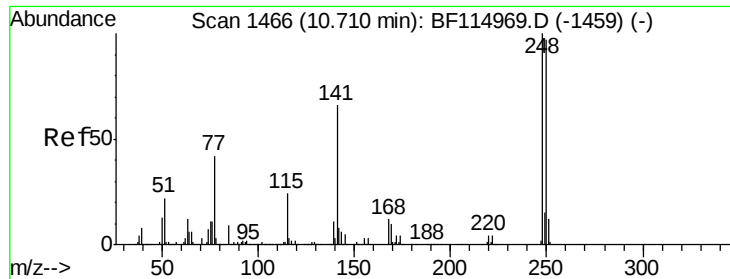


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

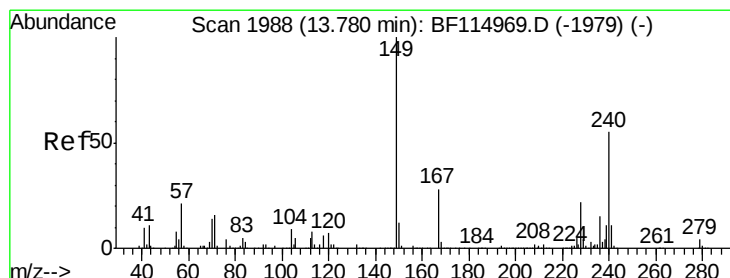
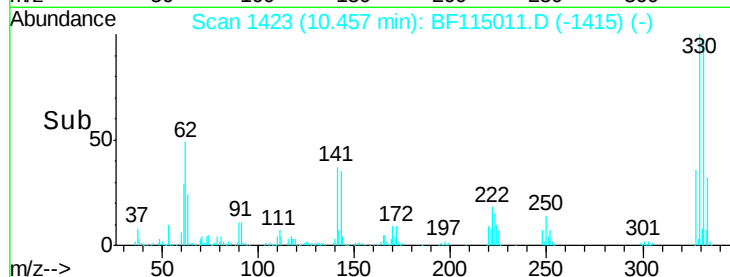
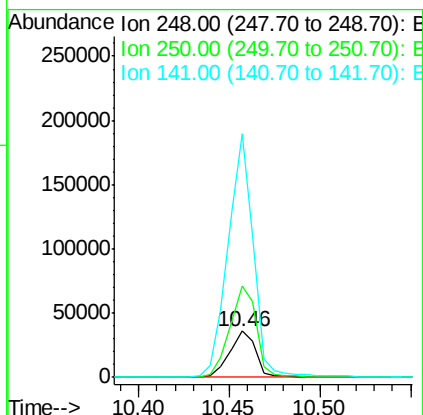
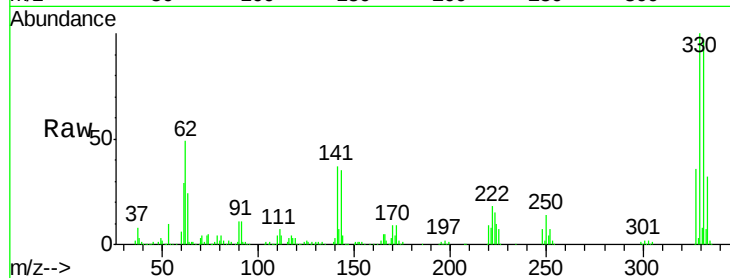




#67
 4-Bromophenyl-phenylether
 Concen: 4.037 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.25 min
 Lab File: BF115011.D
 Acq: 13 Jun 2019 19:37

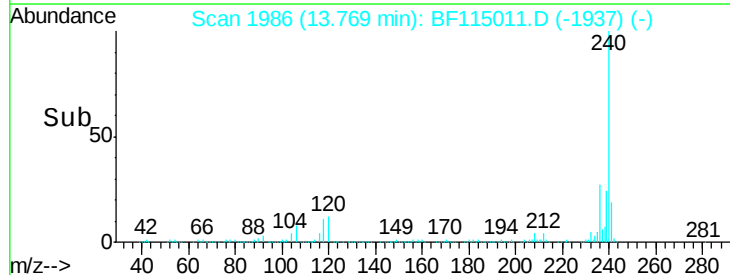
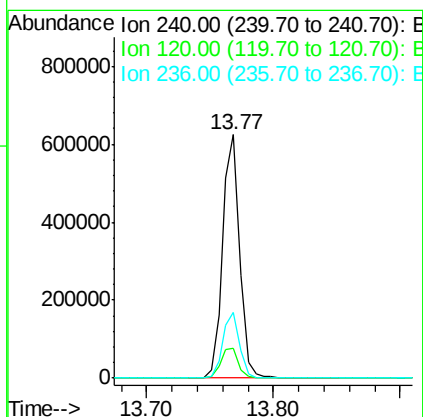
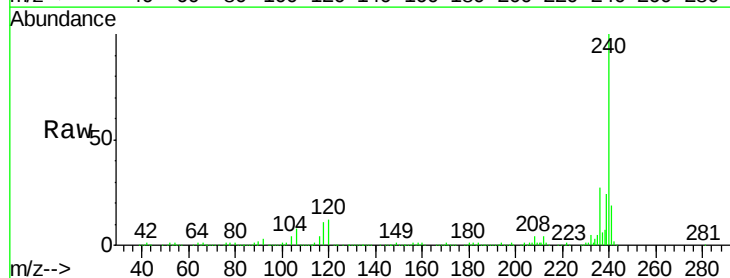
Instrument :
 BNA_F
 ClientSampleId :
 C-MW-9_061119

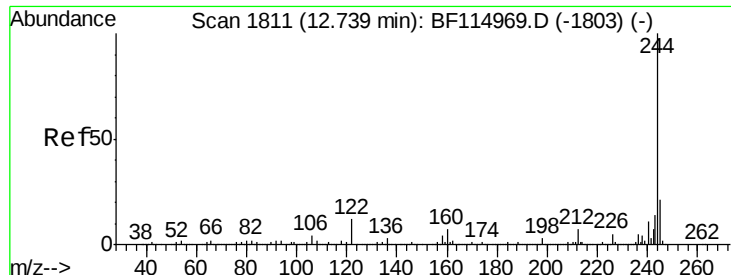
Tgt Ion:248 Resp: 36265
 Ion Ratio Lower Upper
 248 100
 250 198.1 77.8 116.8#
 141 525.3 53.1 79.7#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF115011.D
 Acq: 13 Jun 2019 19:37

Tgt Ion:240 Resp: 584468
 Ion Ratio Lower Upper
 240 100
 120 12.1 10.0 15.0
 236 27.1 21.6 32.4

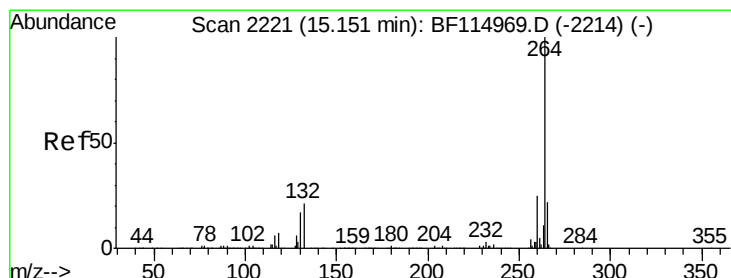
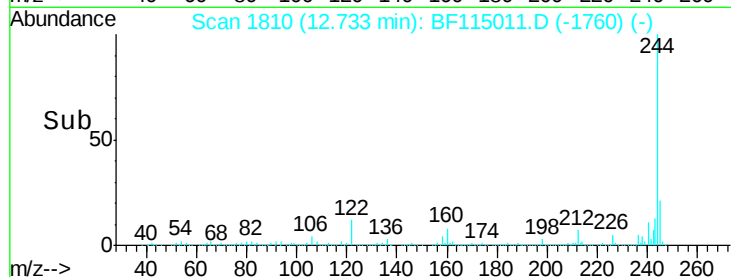
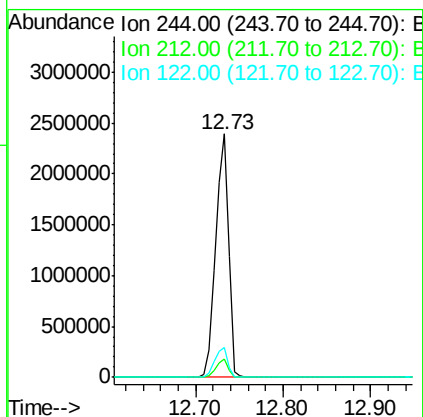
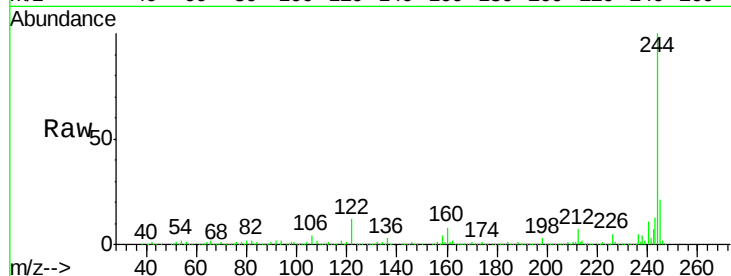




#79
 Terphenyl-d14
 Concen: 79.271 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115011.D
 Acq: 13 Jun 2019 19:37

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-9_061119

Tgt Ion:244 Resp: 2463293
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 12.1 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: BF115011.D
 Acq: 13 Jun 2019 19:37

Tgt Ion:264 Resp: 584591
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 21.5 17.6 26.4

