

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115000.D
 Acq On : 13 Jun 2019 13:51
 Operator : HP/JU
 Sample : K3294-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2(0-5)

Quant Time: Jun 13 17:33:39 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

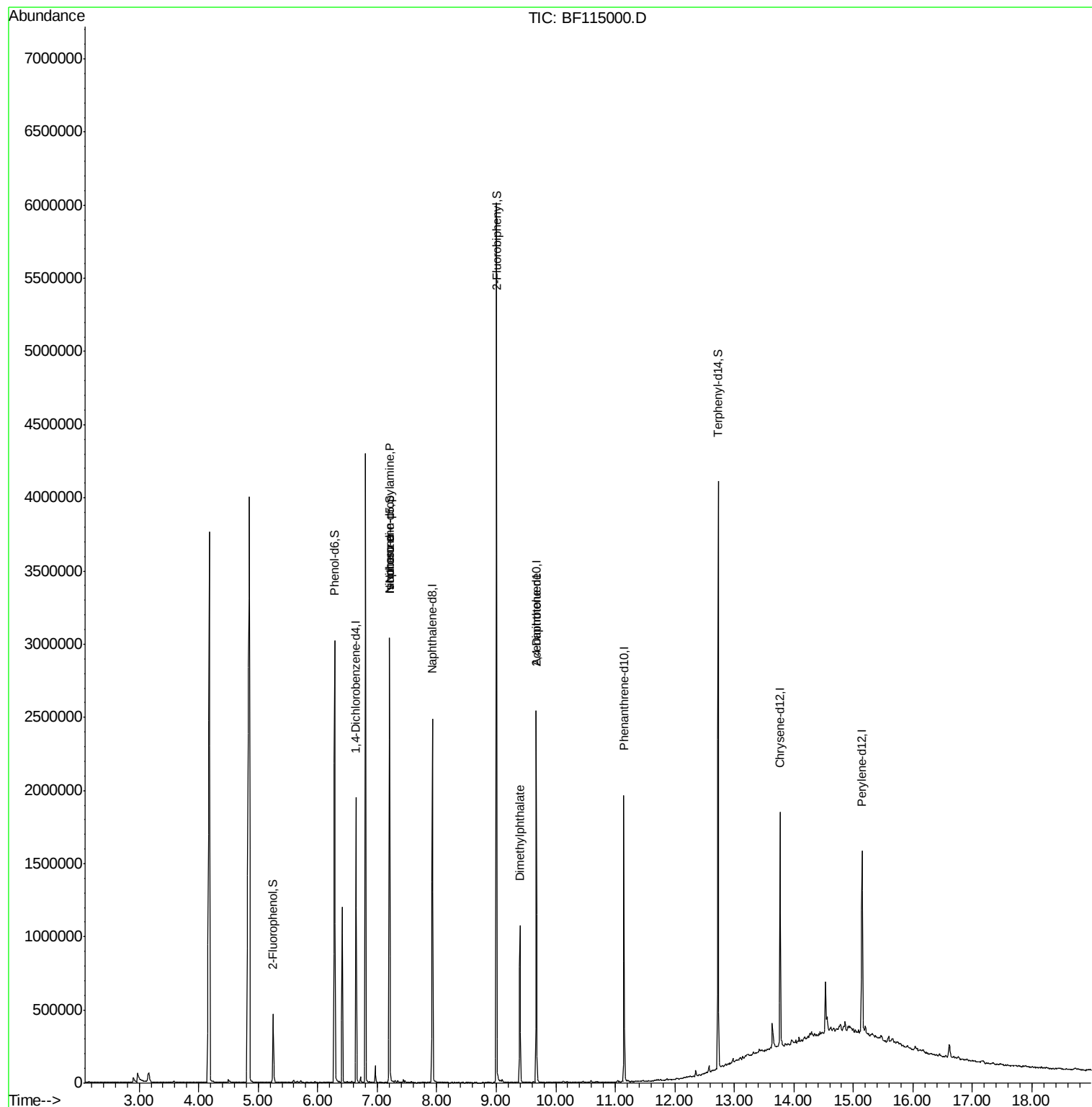
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	279026	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1067126	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	471724	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	731386	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	500474	20.00	ng	-0.01
87) Perylene-d12	15.14	264	528777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	143926	8.61	ng	0.00
7) Phenol-d6	6.29	99	1024431	50.82	ng	-0.01
23) Nitrobenzene-d5	7.21	82	964525	54.40	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	1679	0.33	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	1800540	64.69	ng	0.00
79) Terphenyl-d14	12.73	244	1331495	50.04	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.29	77	1578	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	127041	10.373	ng	# 76
25) Isophorone	7.21	82	951555	28.657	ng	# 62
50) Dimethylphthalate	9.40	163	433749	12.227	ng	98
57) 2,4-Dinitrotoluene	9.67	165	60568	5.913	ng	# 29
58) Fluorene	10.22	166	258	Below Cal	#	77

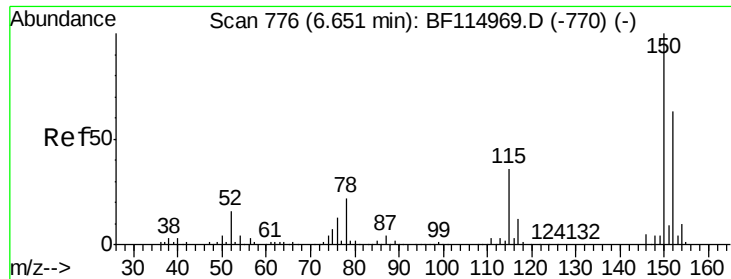
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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BNA_F
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S2(0-5)

Quant Time: Jun 13 17:33:39 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



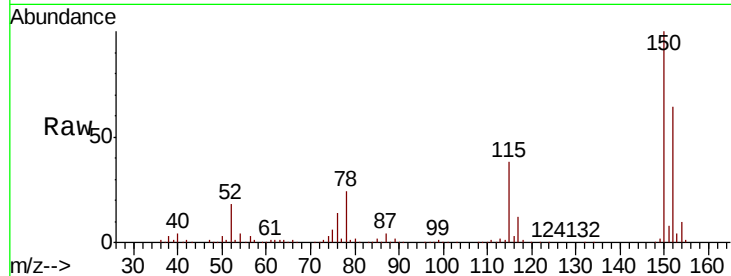


#1

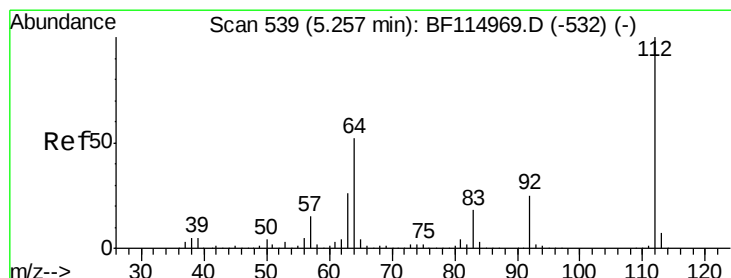
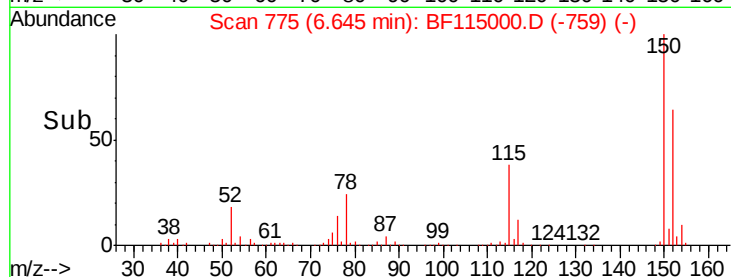
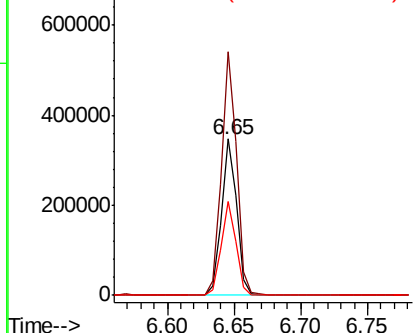
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115000.D
Acq: 13 Jun 2019 13:51

Instrument :
BNA_F
ClientSampleId :
S2(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.4	191.0
115	59.7	46.0	69.0



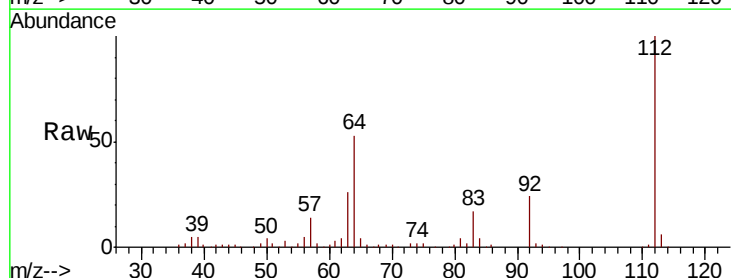
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



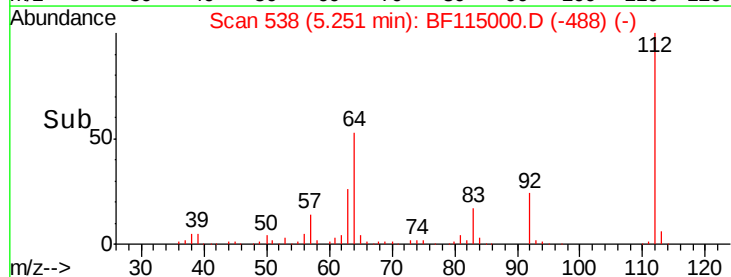
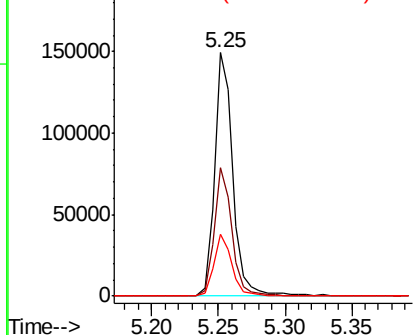
#5

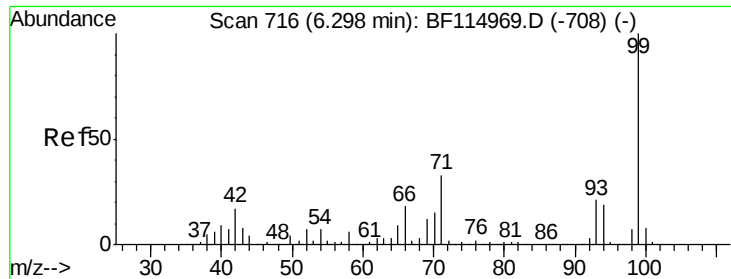
2-Fluorophenol
Concen: 8.613 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115000.D
Acq: 13 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	41.6	62.4
63	25.6	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: 50.822 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115000.D

Acq: 13 Jun 2019 13:51

Instrument :

BNA_F

ClientSampleId :

S2(0-5)

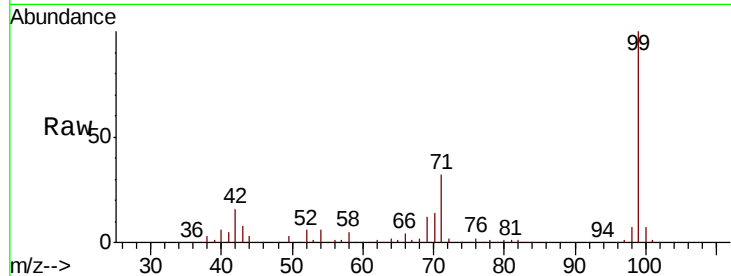
Tot Ion: 99 Resp: 1024431

Ion Ratio Lower Upper

99 100

42 15.6 13.4 20.2

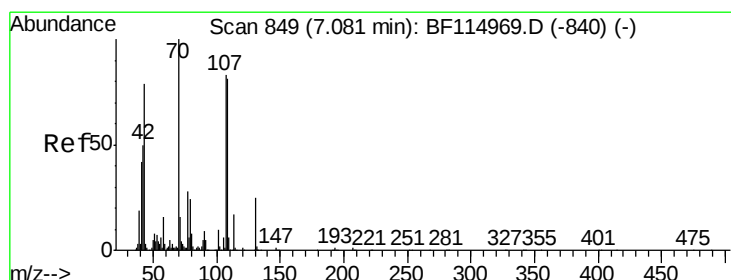
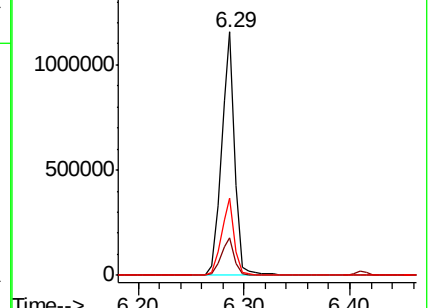
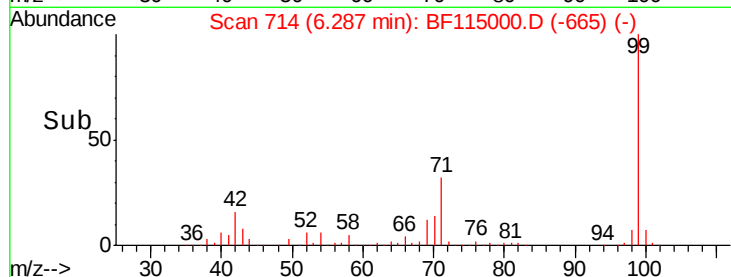
71 31.7 26.4 39.6



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: 10.373 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115000.D

Acq: 13 Jun 2019 13:51

Tgt Ion: 70 Resp: 127041

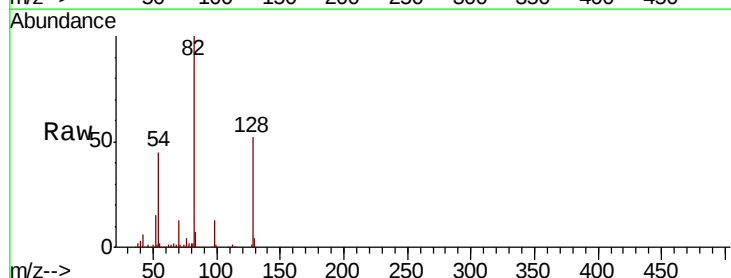
Ion Ratio Lower Upper

70 100

42 42.5 40.3 60.5

101 0.0 8.2 12.4#

130 2.3 20.3 30.5#

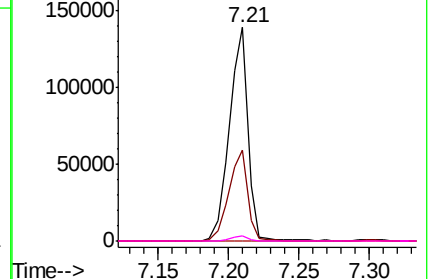
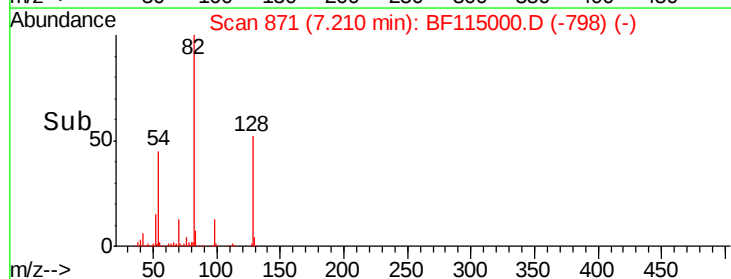


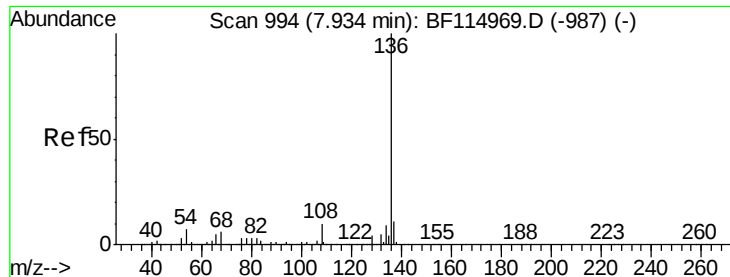
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

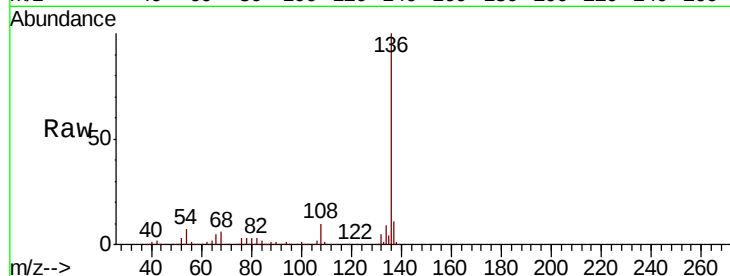




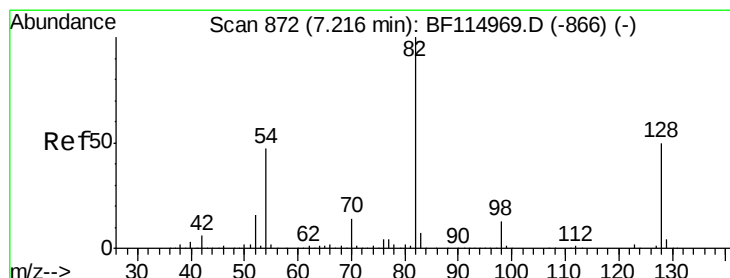
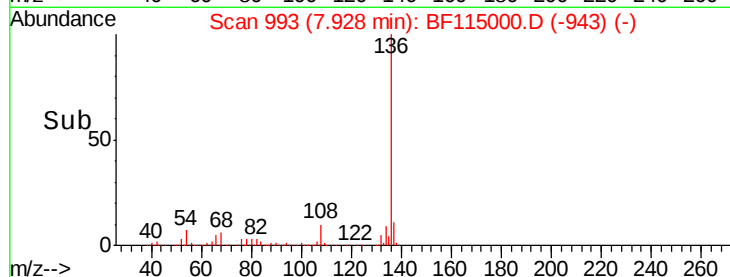
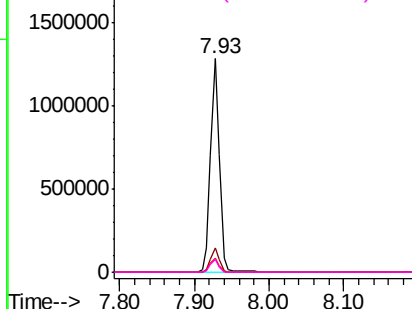
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115000.D
Acq: 13 Jun 2019 13:51

Instrument :
BNA_F
ClientSampleId :
S2(0-5)

Tot Ion:136	Resp: 1067126
Ion Ratio	Lower Upper
136 100	
137 11.4	9.0 13.4
54 6.7	5.4 8.0
68 5.9	4.6 7.0

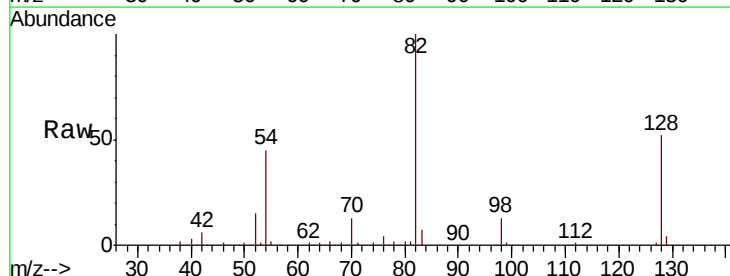


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

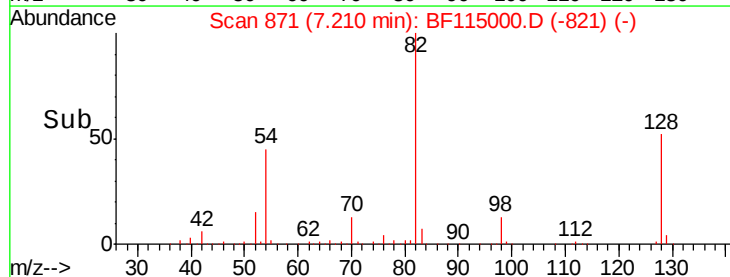
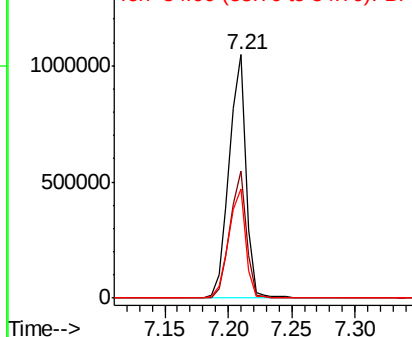


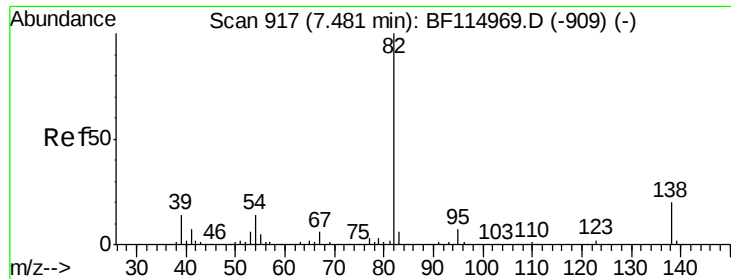
#23
Nitrobenzene-d5
Concen: 54.405 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115000.D
Acq: 13 Jun 2019 13:51

Tgt	Ion: 82	Resp:	964525
Ion	Ratio	Lower	Upper
82	100		
128	52.4	39.9	59.9
54	44.9	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: 28.657 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115000.D

Acq: 13 Jun 2019 13:51

Instrument :

BNA_F

ClientSampled :

S2(0-5)

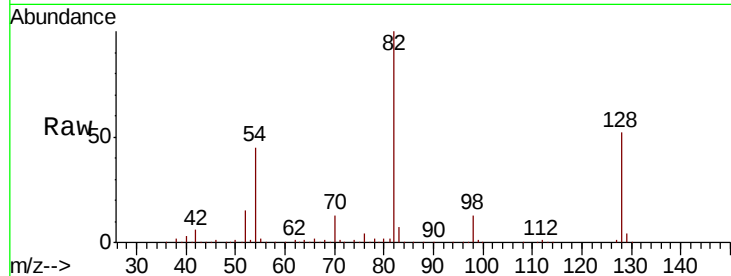
Tot Ion: 82 Resp: 951555

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

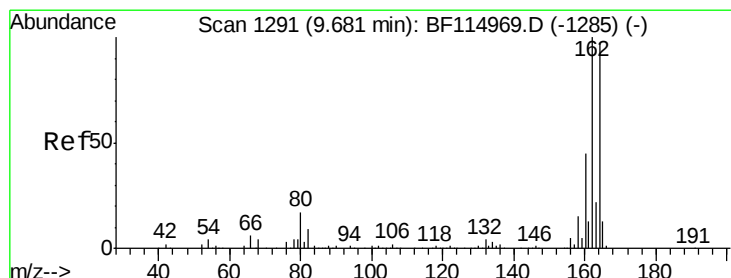
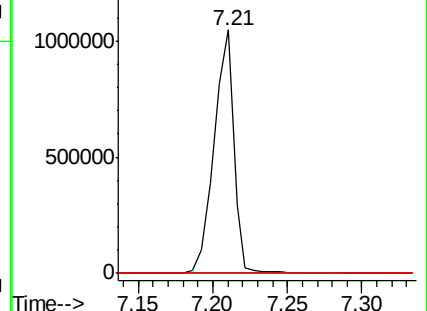
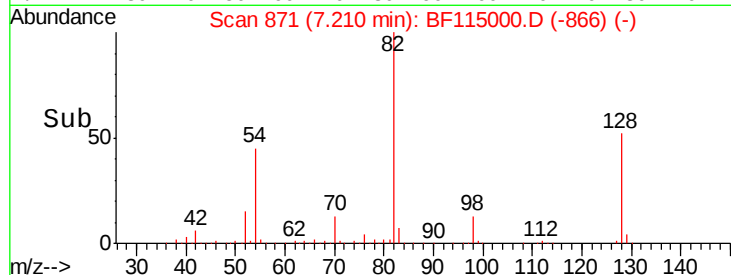
138 0.0 16.1 24.1#



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: BF115000.D

Acq: 13 Jun 2019 13:51

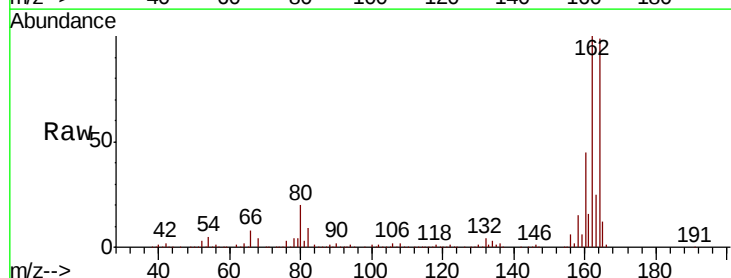
Tgt Ion:164 Resp: 471724

Ion Ratio Lower Upper

164 100

162 101.4 82.6 124.0

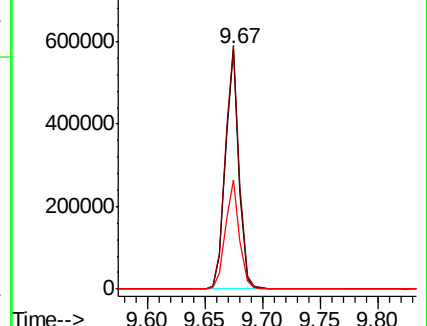
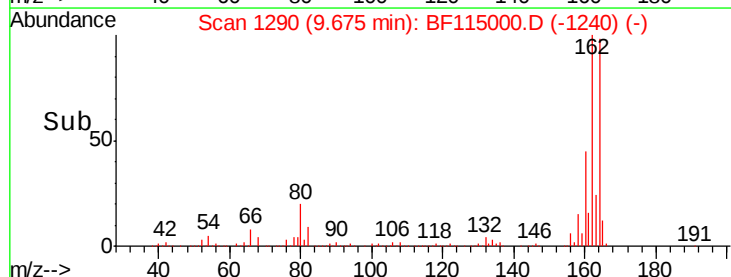
160 45.6 36.9 55.3

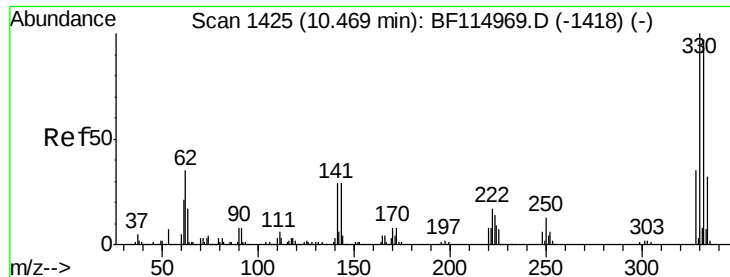


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 0.332 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115000.D

Acq: 13 Jun 2019 13:51

Instrument :

BNA_F

ClientSampleId :

S2(0-5)

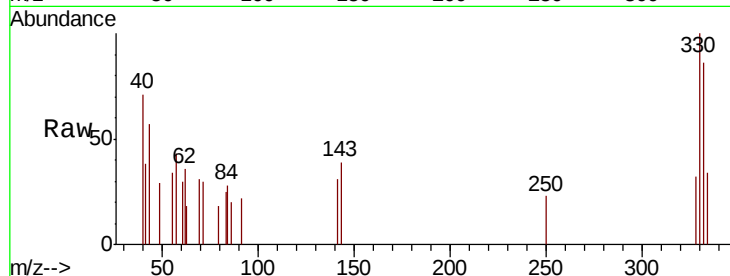
Tot Ion:330 Resp: 1679

Ion Ratio Lower Upper

330 100

332 88.3 77.6 116.4

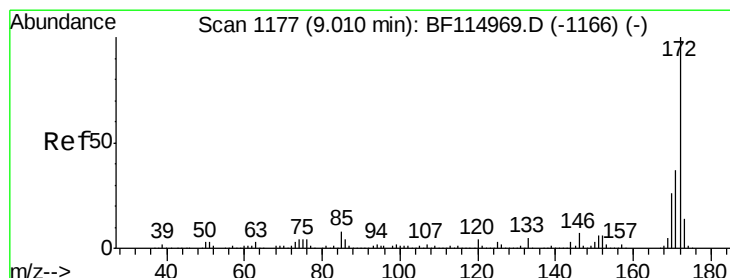
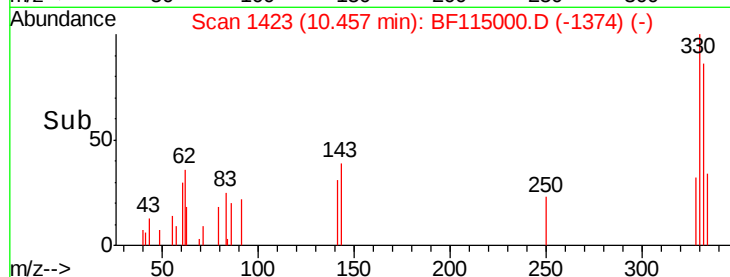
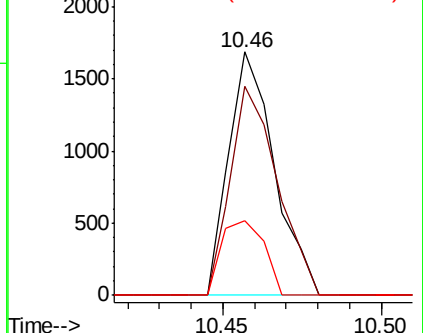
141 28.6 27.2 40.8



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: 64.691 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115000.D

Acq: 13 Jun 2019 13:51

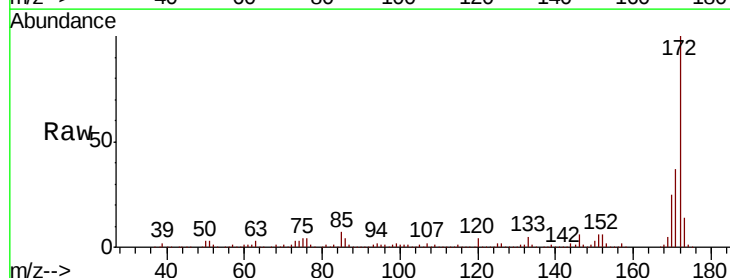
Tgt Ion:172 Resp: 1800540

Ion Ratio Lower Upper

172 100

171 37.2 29.8 44.6

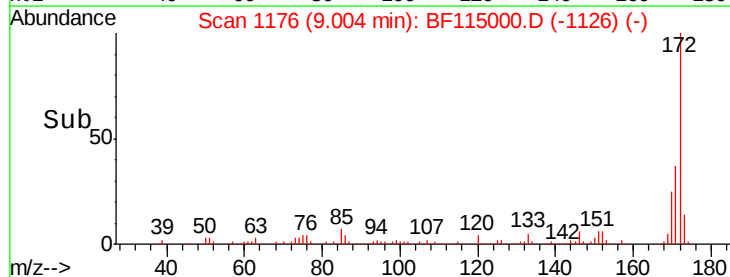
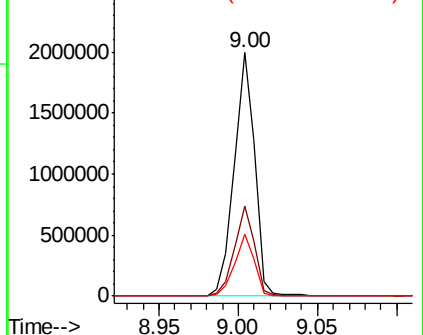
170 25.2 20.6 31.0

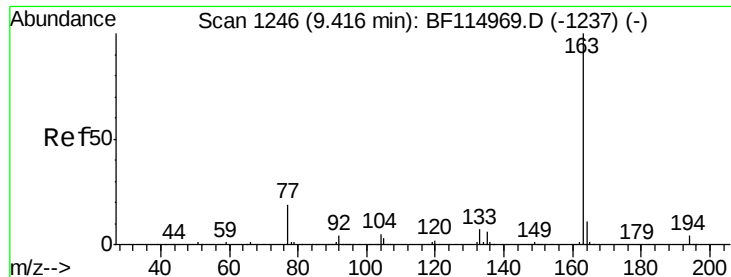


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

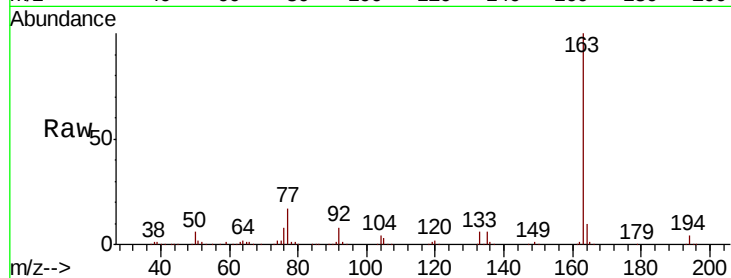




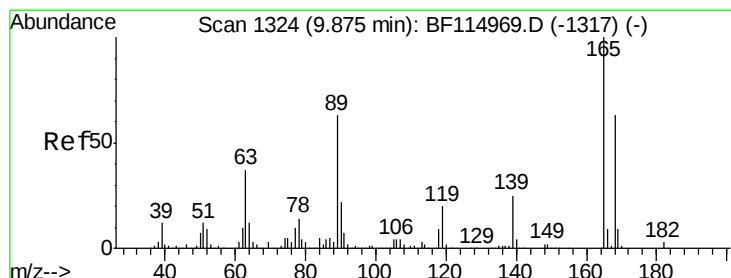
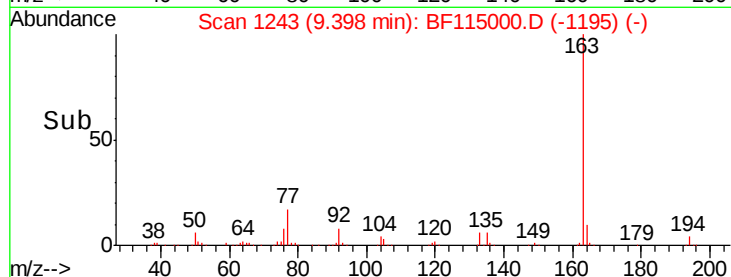
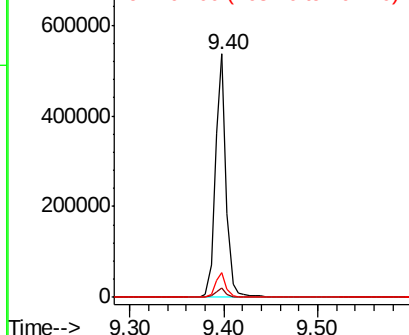
#50
Dimethylphthalate
Concen: 12.227 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115000.D
Acq: 13 Jun 2019 13:51

Instrument :
BNA_F
ClientSampleId :
S2(0-5)

Tot Ion:163 Resp: 433749
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.0 8.6 12.8

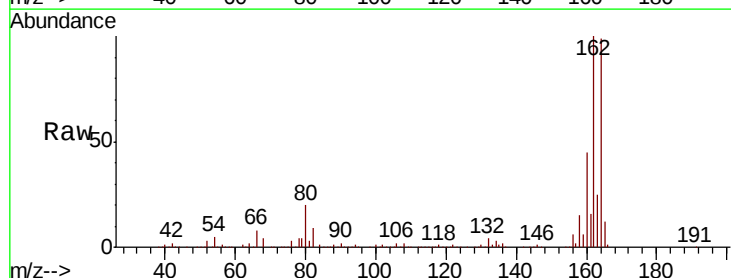


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

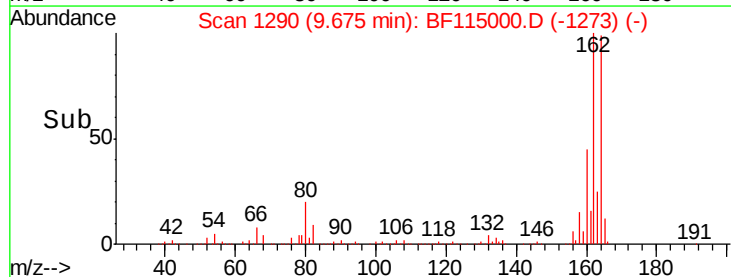
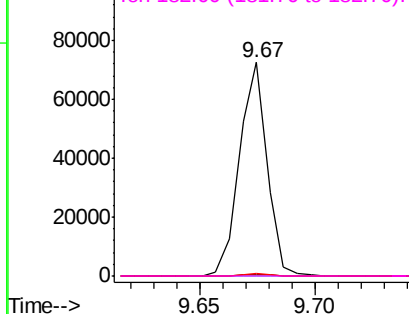


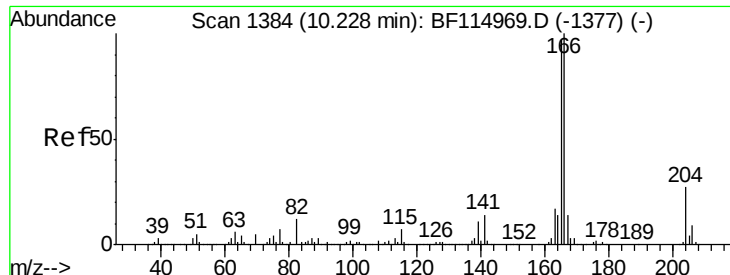
#57
2,4-Dinitrotoluene
Concen: 5.913 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF115000.D
Acq: 13 Jun 2019 13:51

Tgt Ion:165 Resp: 60568
Ion Ratio Lower Upper
165 100
63 0.9 29.4 44.2#
89 1.3 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: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF115000.D

Acq: 13 Jun 2019 13:51

Instrument :

BNA_F

ClientSampleId :

S2(0-5)

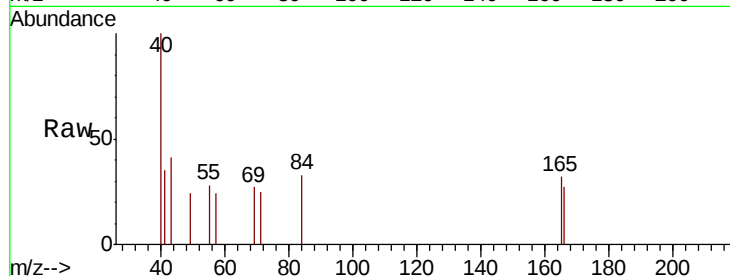
Tot Ion:166 Resp: 258

Ion Ratio Lower Upper

166 100

165 118.5 77.6 116.4#

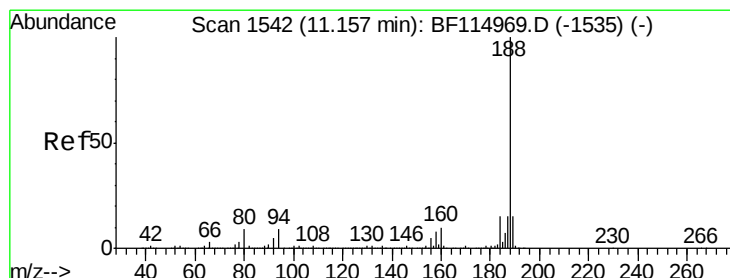
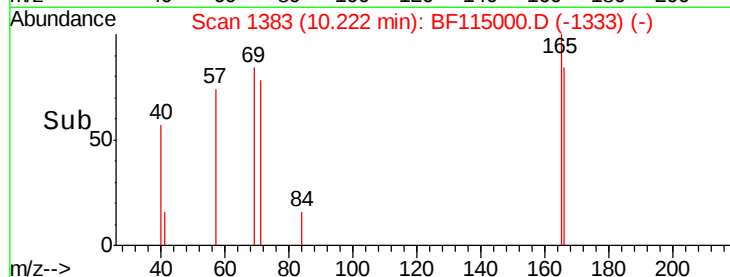
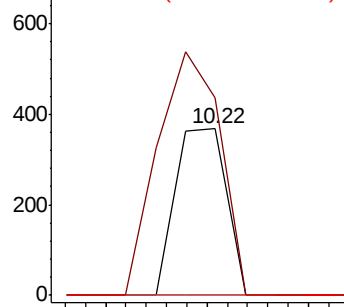
167 0.0 11.0 16.4#



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: BF115000.D

Acq: 13 Jun 2019 13:51

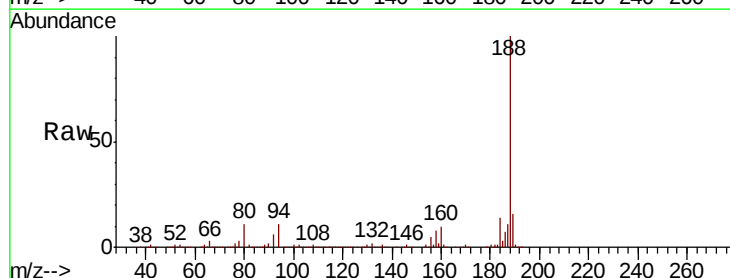
Tgt Ion:188 Resp: 731386

Ion Ratio Lower Upper

188 100

94 10.5 7.2 10.8

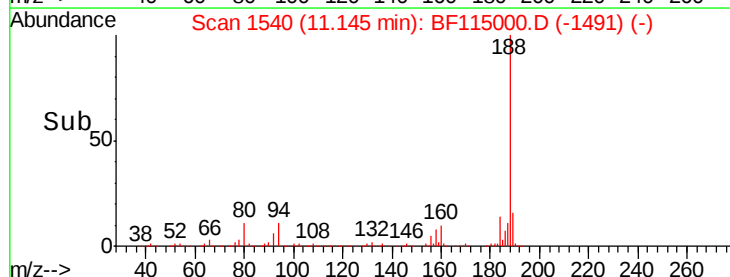
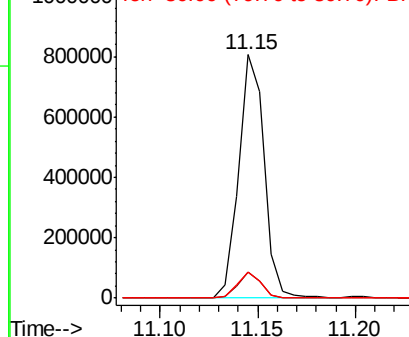
80 10.6 7.4 11.2

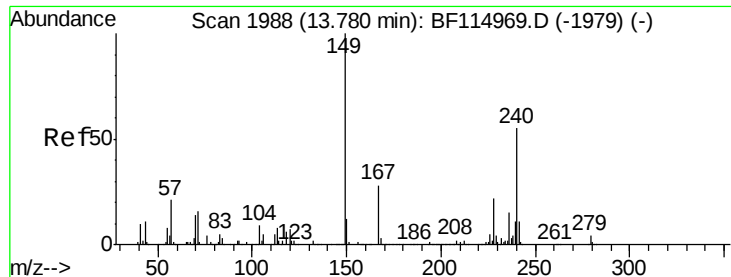


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

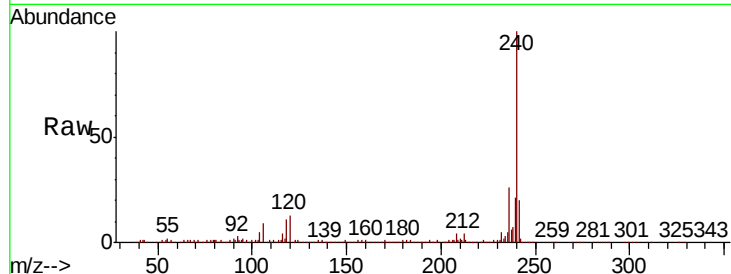




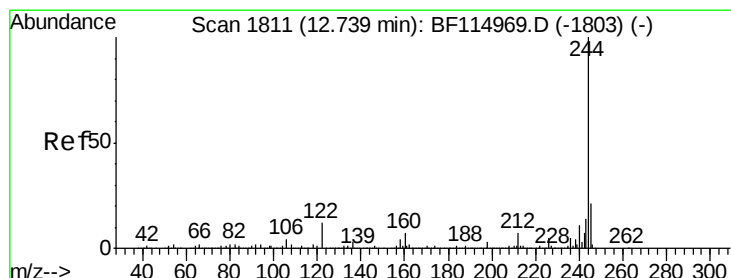
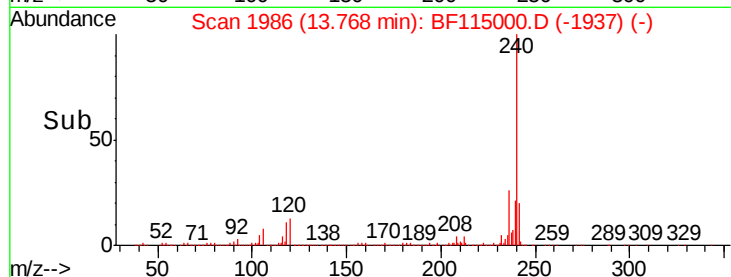
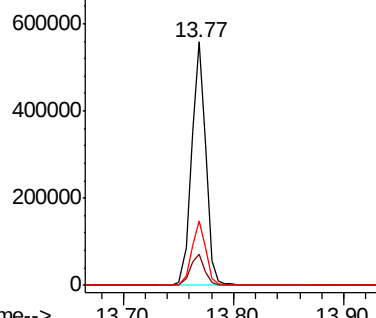
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF115000.D
 Acq: 13 Jun 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 S2(0-5)

Tot Ion:240 Resp: 500474
 Ion Ratio Lower Upper
 240 100
 120 12.8 10.0 15.0
 236 26.3 21.6 32.4

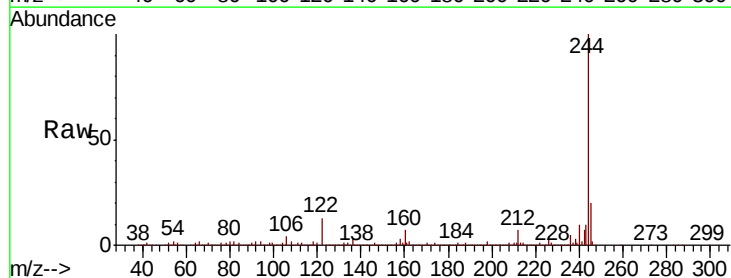


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

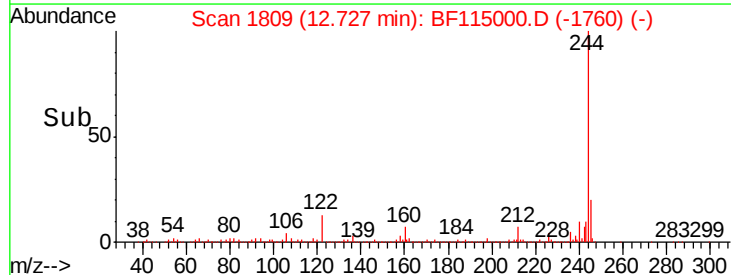
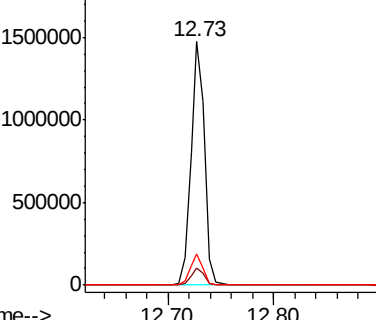


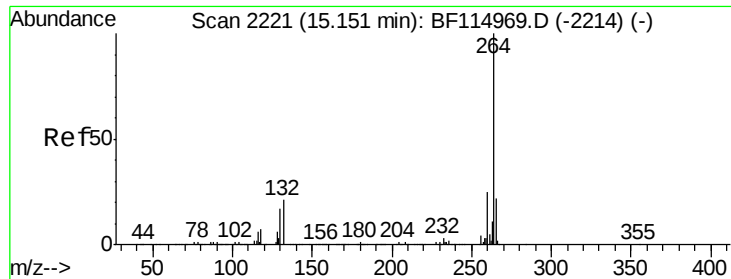
#79
 Terphenyl-d14
 Concen: 50.040 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF115000.D
 Acq: 13 Jun 2019 13:51

Tgt Ion:244 Resp: 1331495
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.8 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115000.D
Acq: 13 Jun 2019 13:51

Instrument :
BNA_F
ClientSampleId :
S2(0-5)

Tot Ion:	264	Resp:	528777
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.9	29.9
265	21.7	17.6	26.4

