

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115039.D
 Acq On : 14 Jun 2019 14:55
 Operator : HP/JU
 Sample : PB120599BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:50:08 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

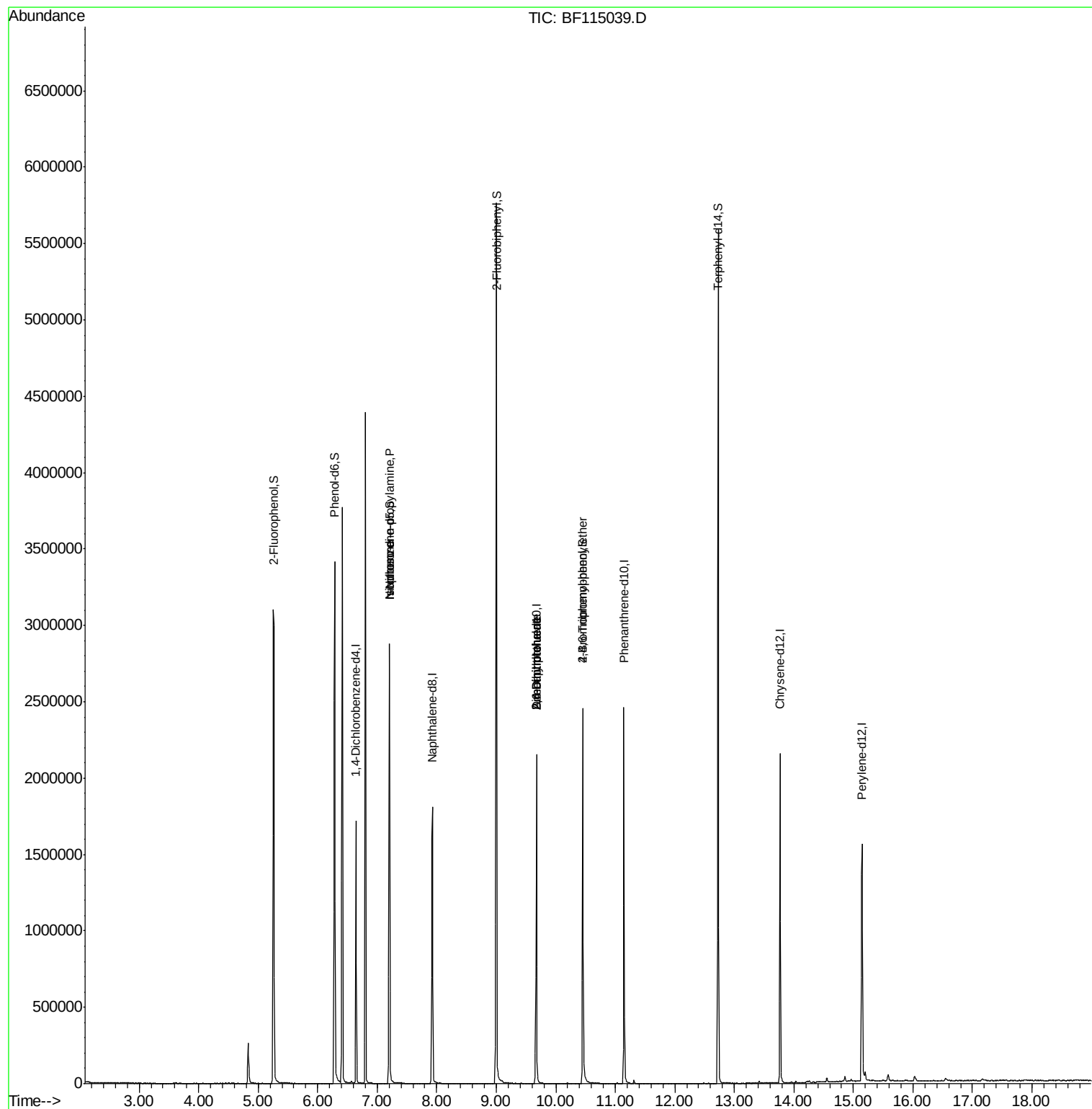
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	251297	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	976441	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	469958	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	946144	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	731693	20.00	ng	-0.01
87) Perylene-d12	15.14	264	715420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1030629	68.48	ng	0.00
7) Phenol-d6	6.29	99	1227459	67.61	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1102050	67.94	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	339652	67.49	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2105646	75.94	ng	0.00
79) Terphenyl-d14	12.73	244	2132552	54.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	1671	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	142635	12.932 ng	#	76
25) Isophorone	7.21	82	1074780	35.375 ng	#	62
50) Dimethylphthalate	9.67	163	131161	3.711 ng	#	1
51) 2,6-Dinitrotoluene	9.67	165	60505	7.547 ng	#	37
57) 2,4-Dinitrotoluene	9.67	165	60505	5.929 ng	#	29
58) Fluorene	10.46	166	15298	Below Cal	#	87
67) 4-Bromophenyl-phenylether	10.46	248	21415	2.108 ng	#	1

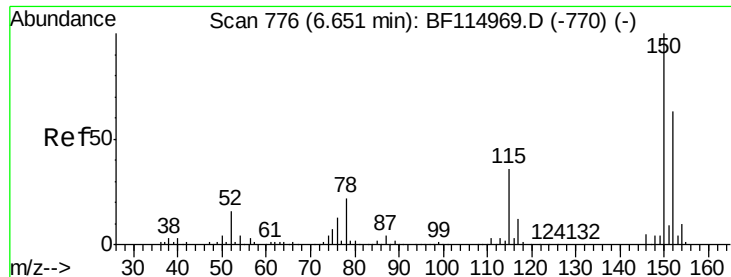
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Jun 15 04:50:08 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



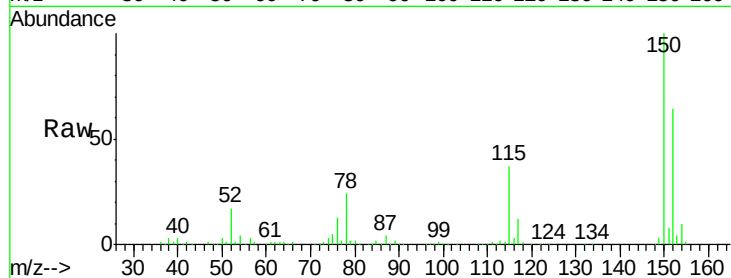


#1

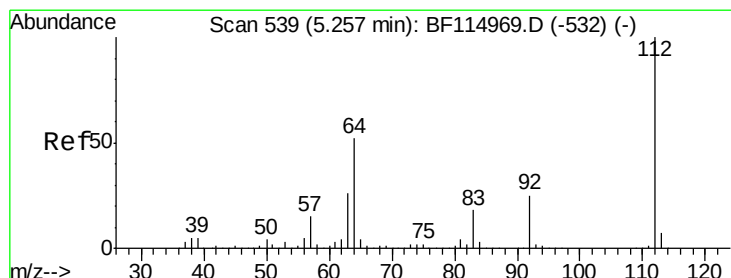
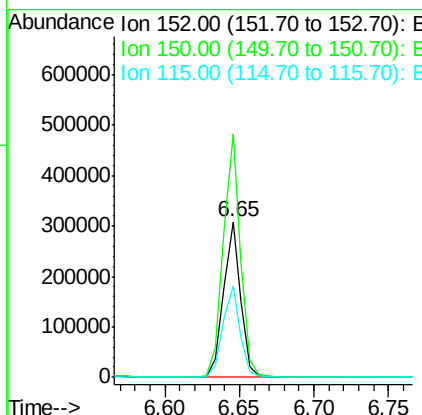
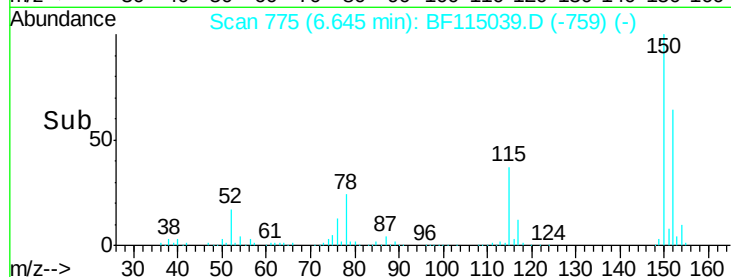
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115039.D
Acq: 14 Jun 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	152	Resp	251297
Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	58.4	46.0	69.0



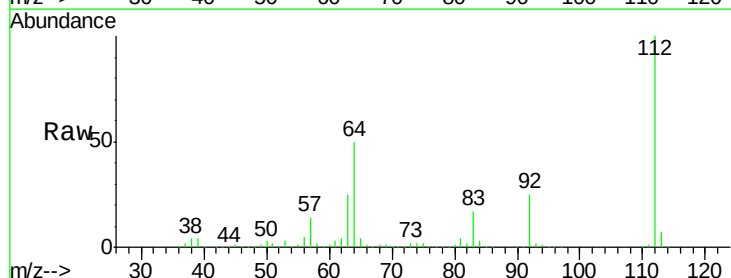
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



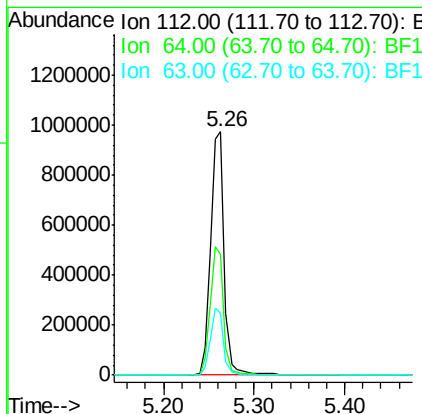
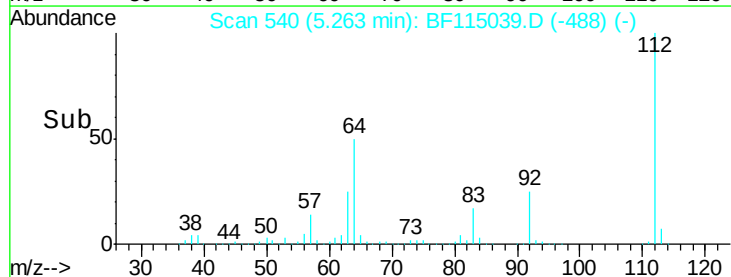
#5

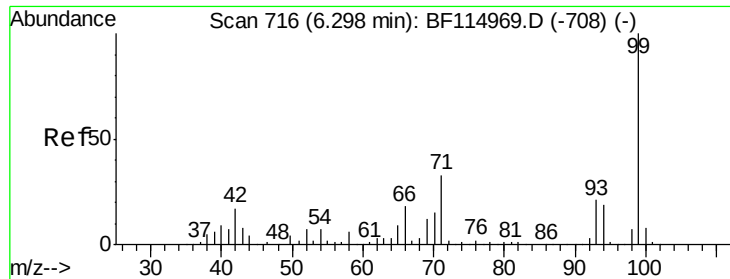
2-Fluorophenol
Concen: 68.482 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115039.D
Acq: 14 Jun 2019 14:55

Tgt Ion	112	Resp	1030629
Ion	Ratio	Lower	Upper
112	100		
64	49.8	41.6	62.4
63	25.4	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: 67.613 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115039.D

Acq: 14 Jun 2019 14:55

Instrument :

BNA_F

ClientSampleId :

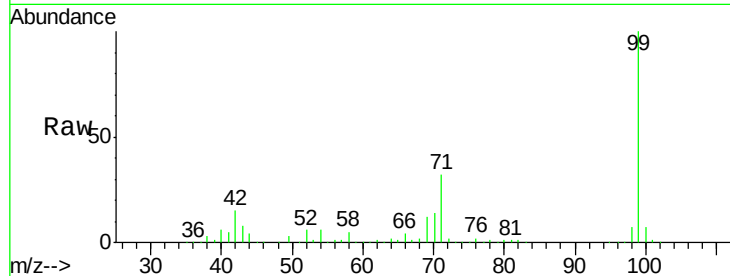
Tot Ion: 99 Resp: 1227459

Ion Ratio Lower Upper

99 100

42 15.4 13.4 20.2

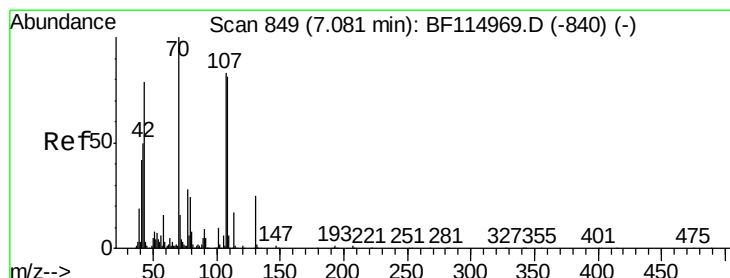
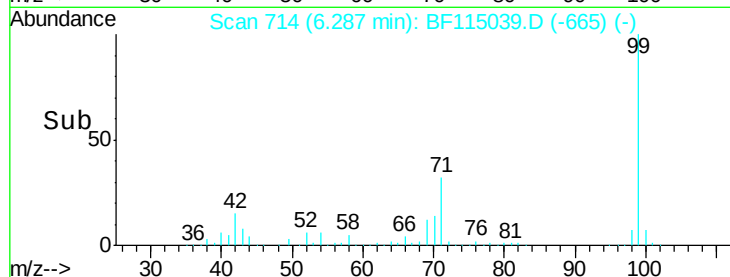
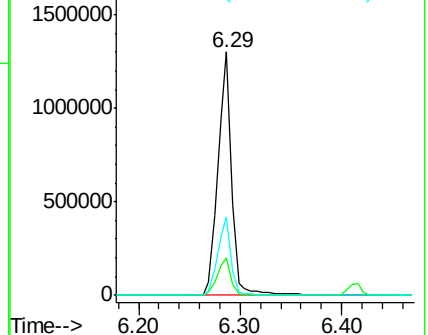
71 32.5 26.4 39.6



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: 12.932 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115039.D

Acq: 14 Jun 2019 14:55

Tgt Ion: 70 Resp: 142635

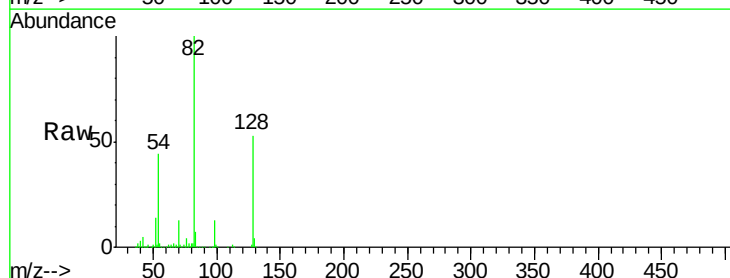
Ion Ratio Lower Upper

70 100

42 41.5 40.3 60.5

101 0.0 8.2 12.4#

130 2.5 20.3 30.5#

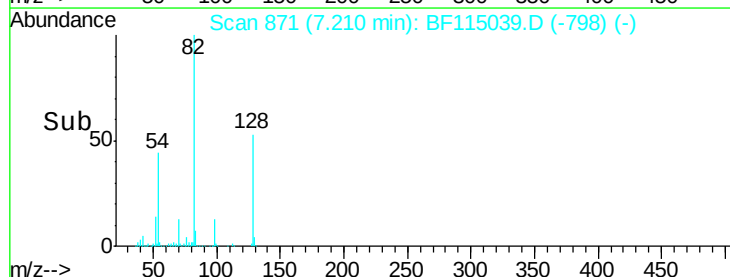
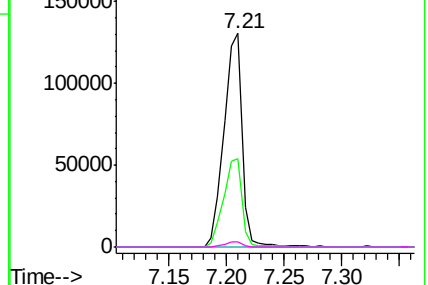


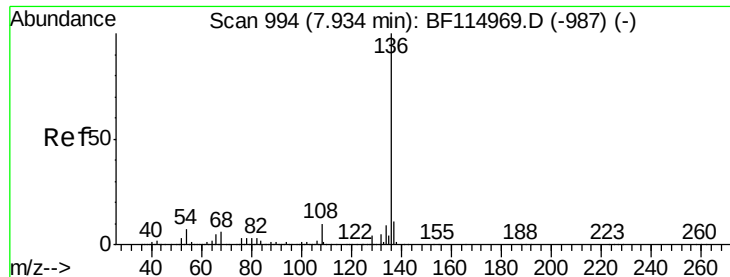
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

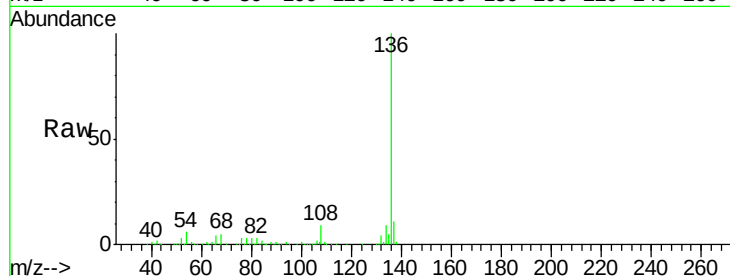




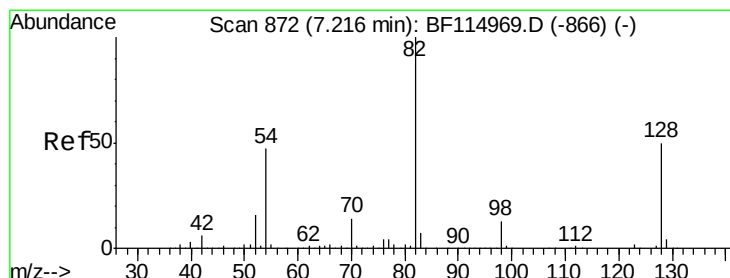
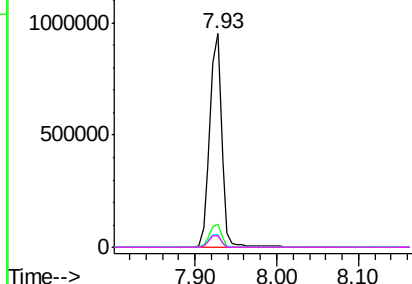
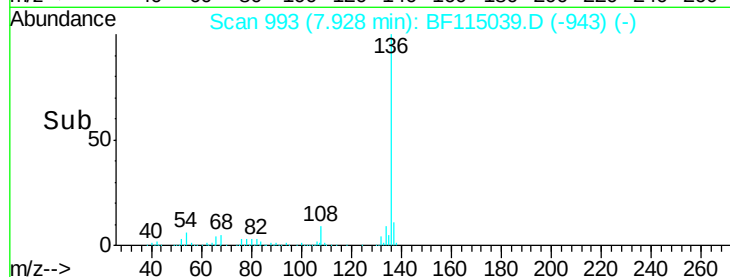
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115039.D
Acq: 14 Jun 2019 14:55

Instrument :
BNA_F
ClientSampleID :

Tot Ion:136	Resp:	976441
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.4
54	6.1	5.4 8.0
68	5.4	4.6 7.0

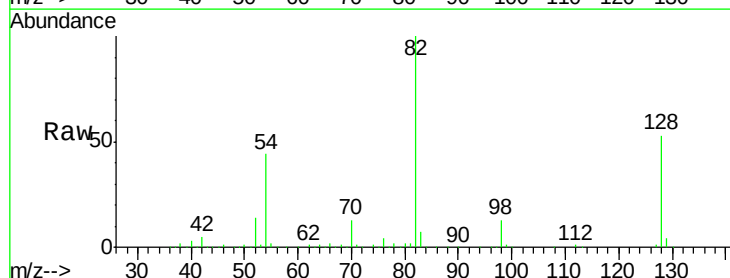


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

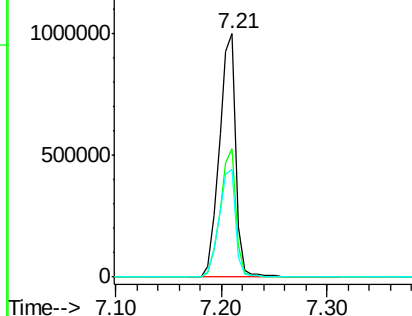
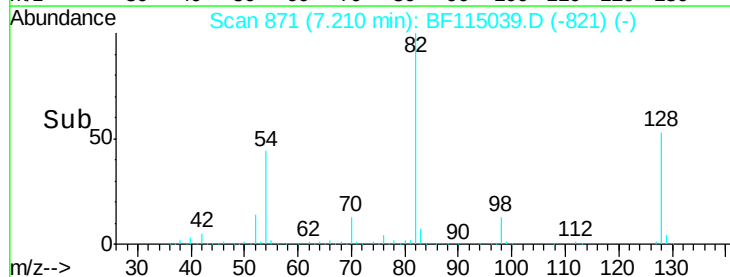


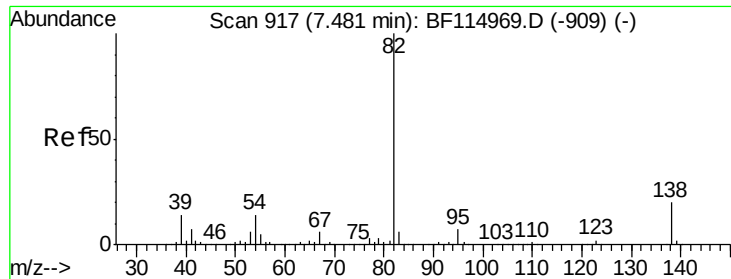
#23
Nitrobenzene-d5
Concen: 67.935 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115039.D
Acq: 14 Jun 2019 14:55

Tgt Ion: 82	Resp:	1102050
Ion	Ratio	Lower Upper
82	100	
128	52.9	39.9 59.9
54	44.2	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: 35.375 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115039.D

Acq: 14 Jun 2019 14:55

Instrument :

BNA_F

ClientSampled :

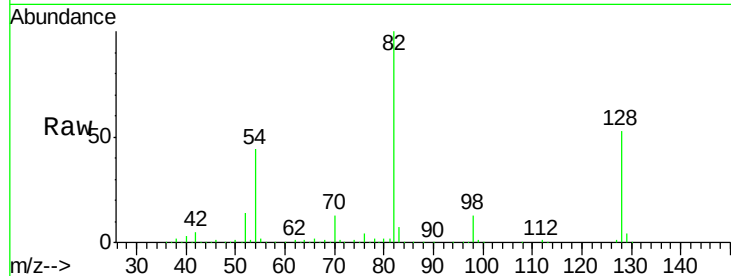
Tot Ion: 82 Resp: 1074780

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

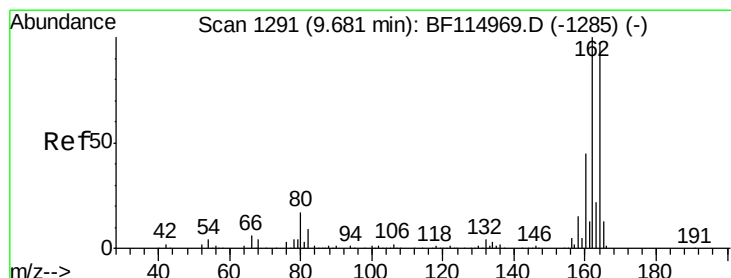
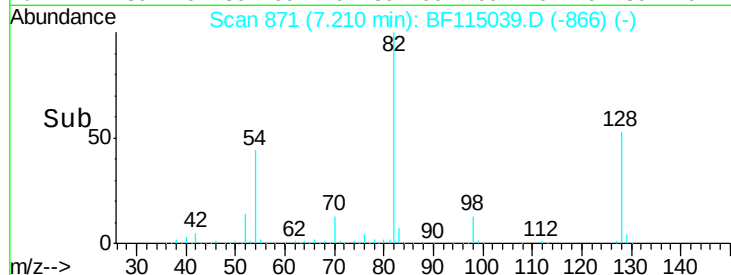
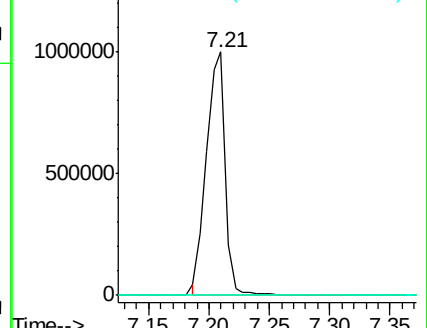
138 0.0 16.1 24.1#



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: BF115039.D

Acq: 14 Jun 2019 14:55

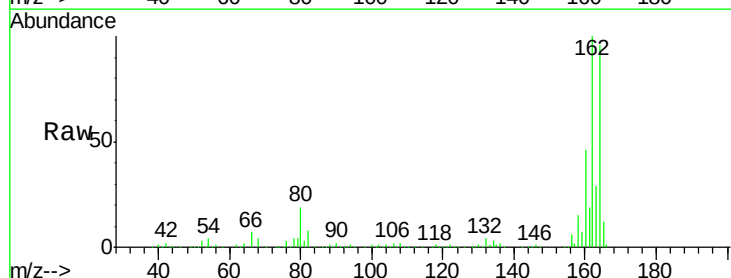
Tgt Ion:164 Resp: 469958

Ion Ratio Lower Upper

164 100

162 103.7 82.6 124.0

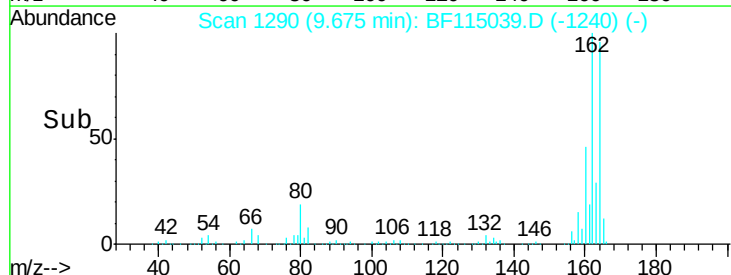
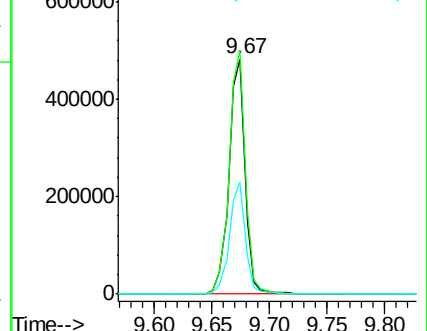
160 47.6 36.9 55.3

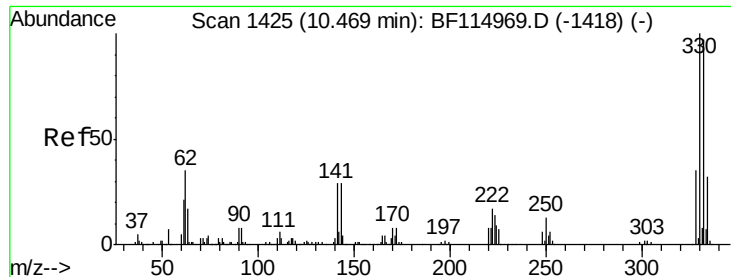


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 67.490 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115039.D

Acq: 14 Jun 2019 14:55

Instrument :

BNA_F

ClientSampleId :

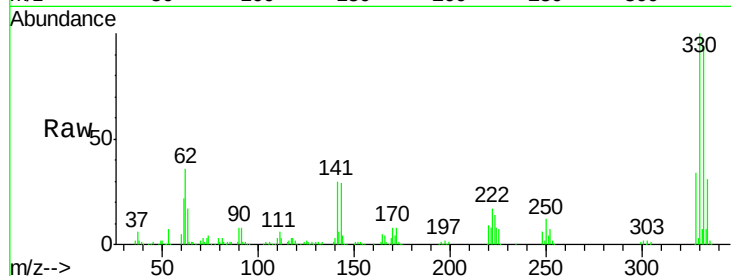
Tot Ion:330 Resp: 339652

Ion Ratio Lower Upper

330 100

332 93.8 77.6 116.4

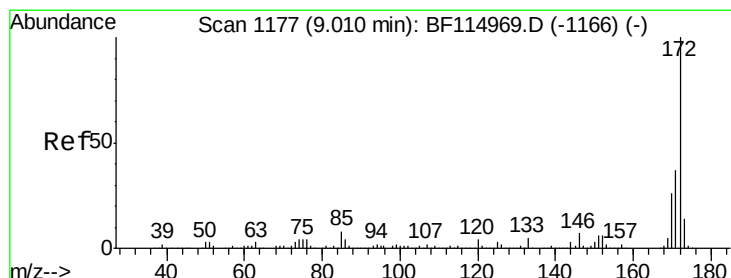
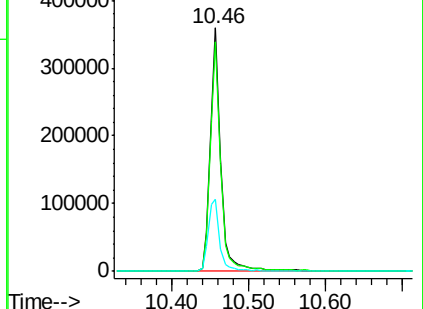
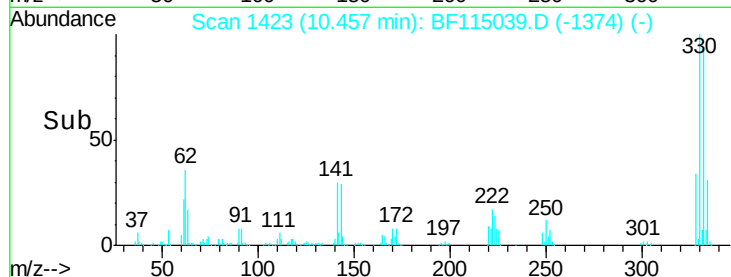
141 32.9 27.2 40.8



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: 75.937 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115039.D

Acq: 14 Jun 2019 14:55

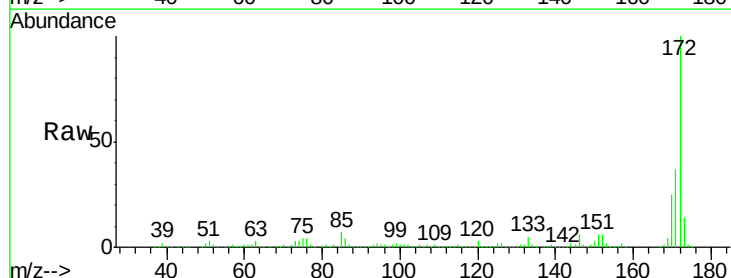
Tgt Ion:172 Resp: 2105646

Ion Ratio Lower Upper

172 100

171 36.8 29.8 44.6

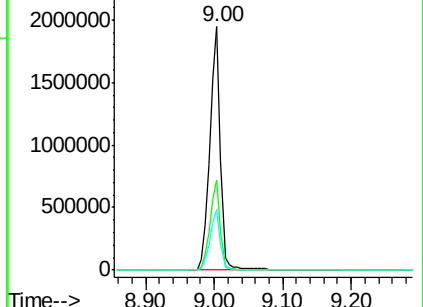
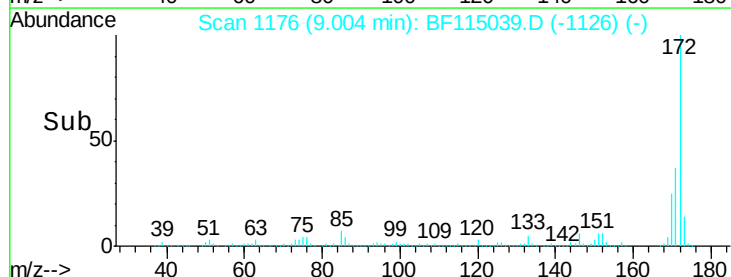
170 25.0 20.6 31.0

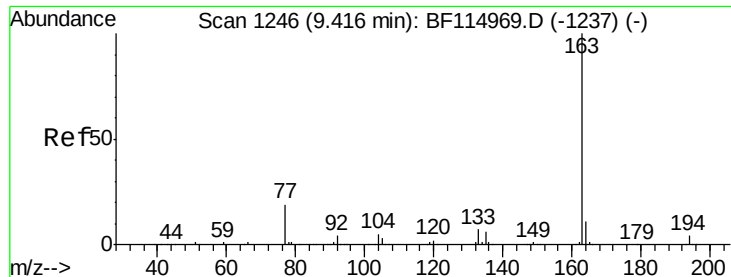


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

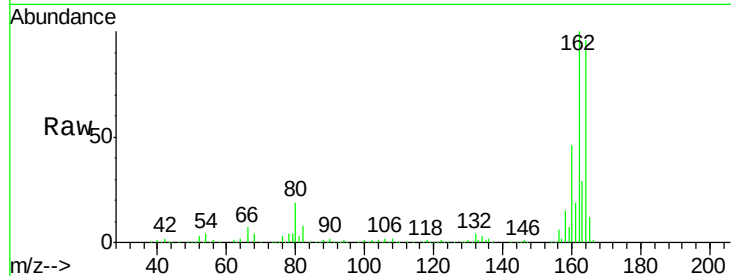




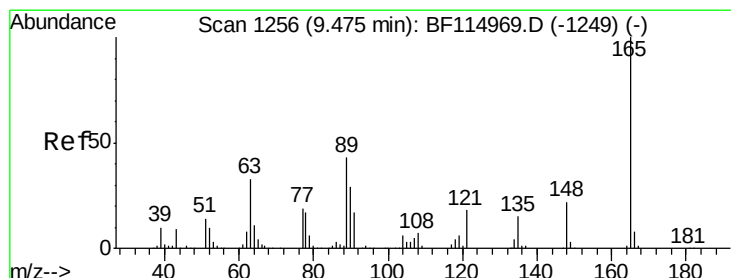
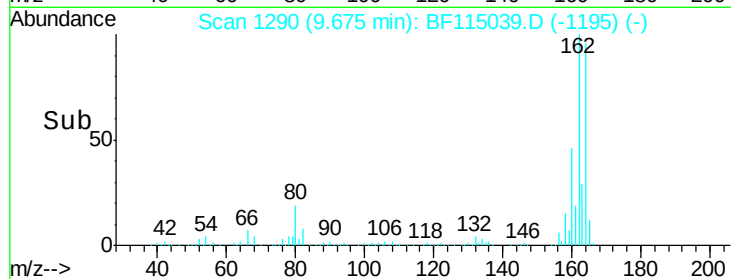
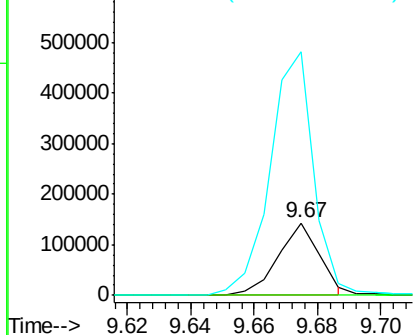
#50
Dimethylphthalate
Concen: 3.711 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.26 min
Lab File: BF115039.D
Acq: 14 Jun 2019 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 131161
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 334.8 8.6 12.8#

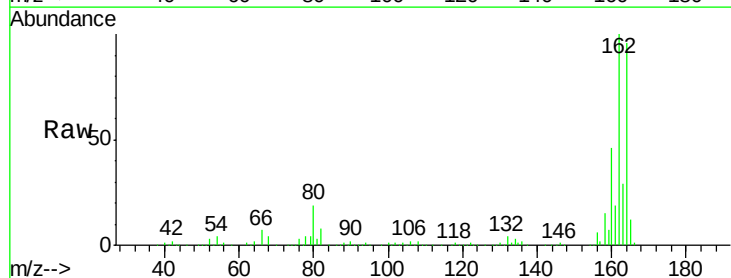


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

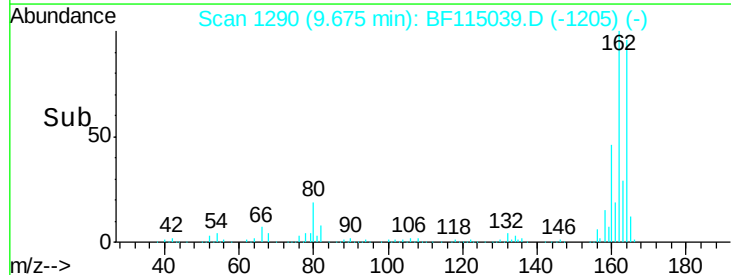
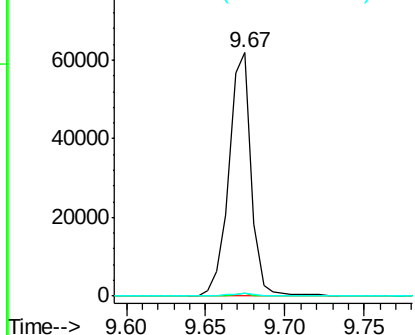


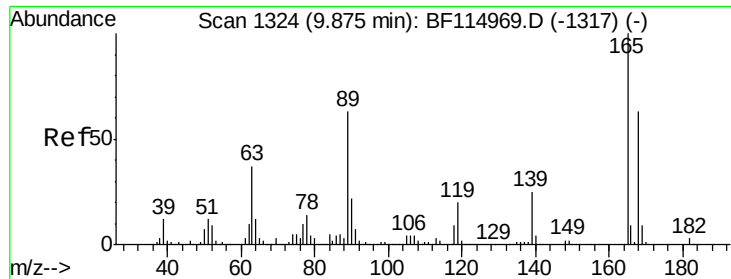
#51
2,6-Dinitrotoluene
Concen: 7.547 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.20 min
Lab File: BF115039.D
Acq: 14 Jun 2019 14:55

Tgt Ion:165 Resp: 60505
Ion Ratio Lower Upper
165 100
63 1.3 30.6 46.0#
89 1.2 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

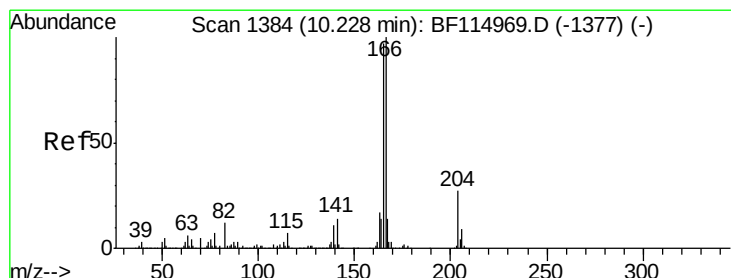
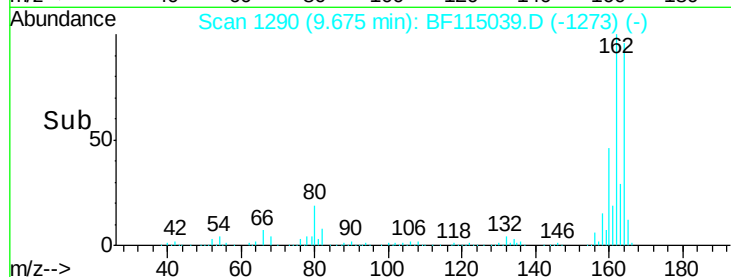
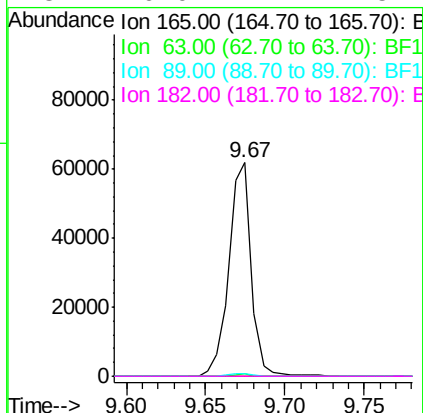
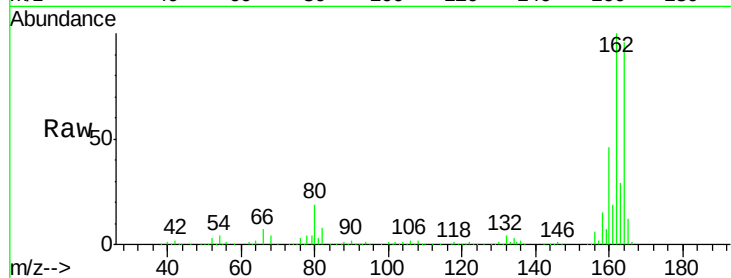




#57
 2,4-Dinitrotoluene
 Concen: 5.929 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115039.D
 Acq: 14 Jun 2019 14:55

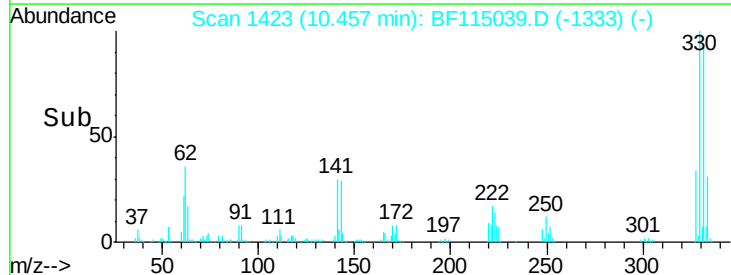
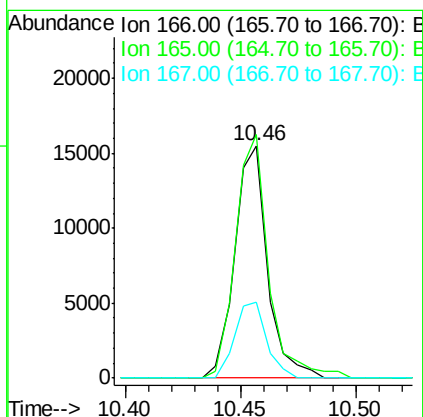
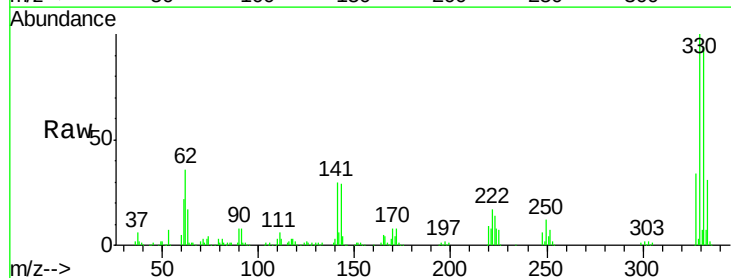
Instrument :
 BNA_F
 ClientSampleId :

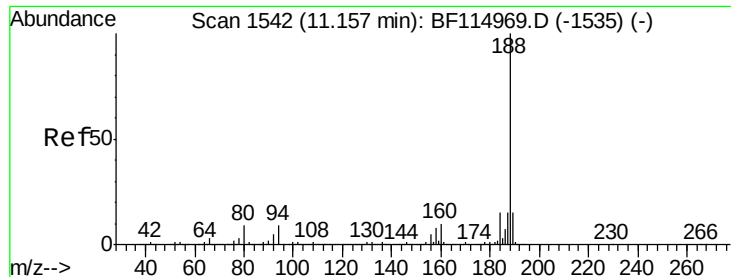
Tot Ion:165	Resp:	60505
Ion Ratio	Lower	Upper
165	100	
63	1.3	29.4 44.2#
89	1.2	50.6 75.8#
182	0.0	2.2 3.2#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.23 min
 Lab File: BF115039.D
 Acq: 14 Jun 2019 14:55

Tgt Ion:166	Resp:	15298
Ion Ratio	Lower	Upper
166	100	
165	104.9	77.6 116.4
167	32.8	11.0 16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115039.D

Acq: 14 Jun 2019 14:55

Instrument :

BNA_F

ClientSampleId :

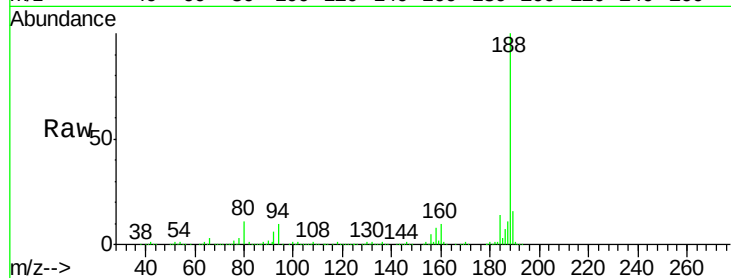
Tot Ion:188 Resp: 946144

Ion Ratio Lower Upper

188 100

94 10.3 7.2 10.8

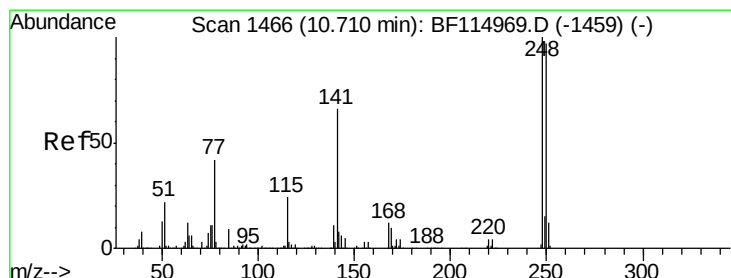
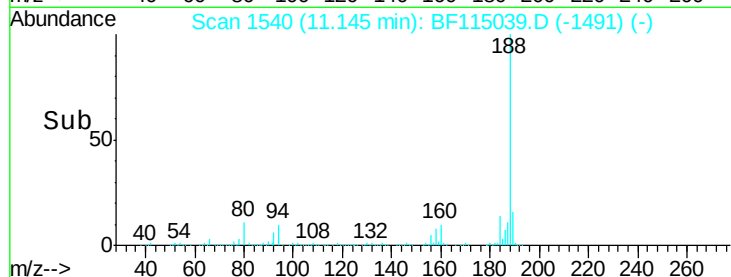
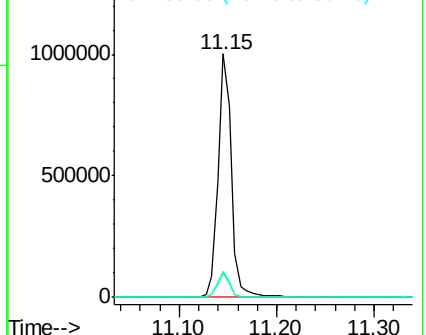
80 10.7 7.4 11.2



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: 2.108 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.25 min

Lab File: BF115039.D

Acq: 14 Jun 2019 14:55

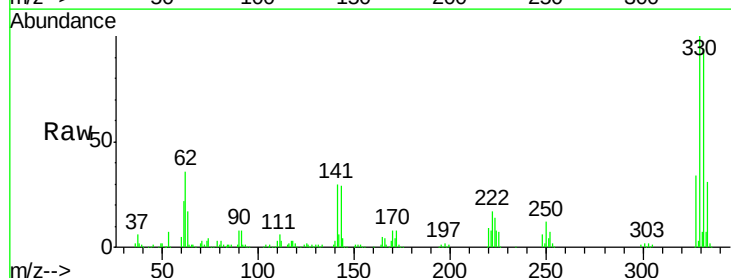
Tgt Ion:248 Resp: 21415

Ion Ratio Lower Upper

248 100

250 203.5 77.8 116.8#

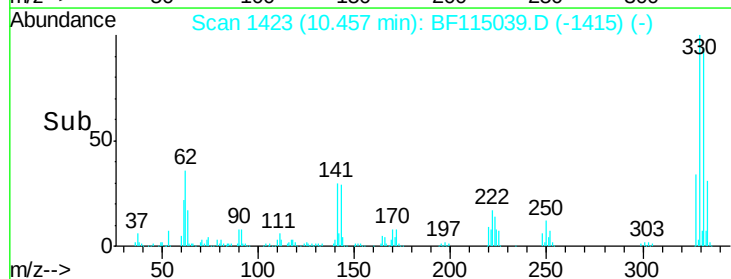
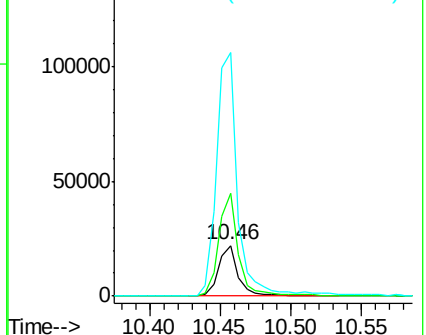
141 483.4 53.1 79.7#

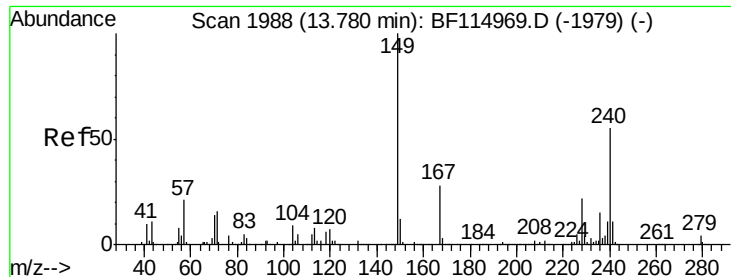


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF115039.D

Acq: 14 Jun 2019 14:55

Instrument :

BNA_F

ClientSampleId :

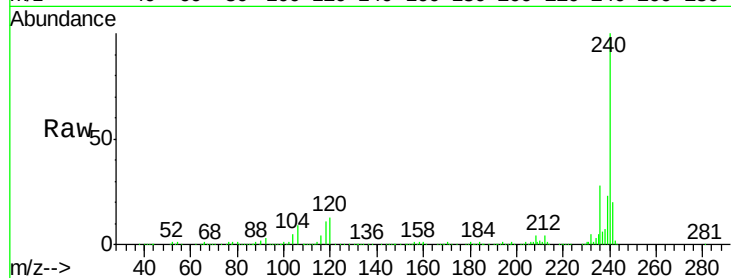
Tot Ion:240 Resp: 731693

Ion Ratio Lower Upper

240 100

120 12.5 10.0 15.0

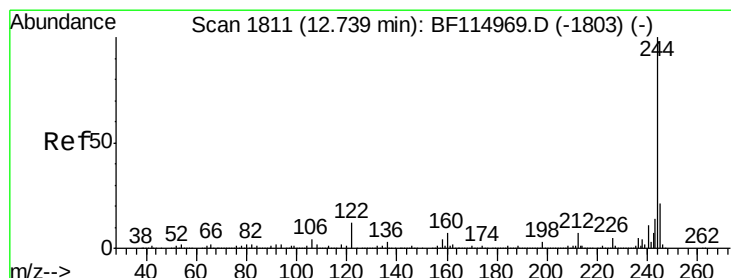
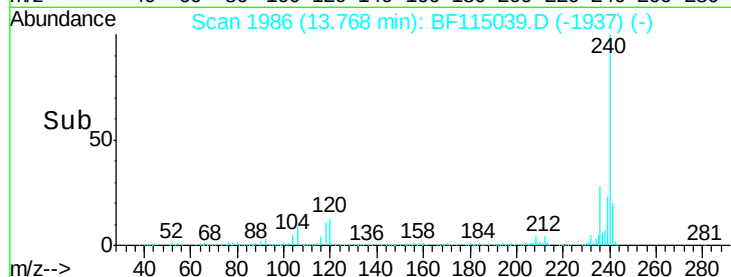
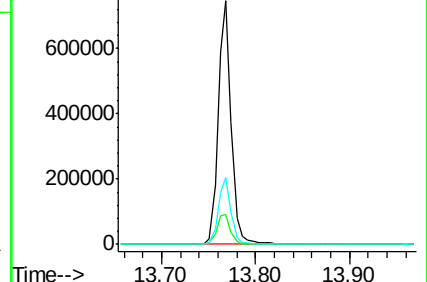
236 27.6 21.6 32.4



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: 54.819 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115039.D

Acq: 14 Jun 2019 14:55

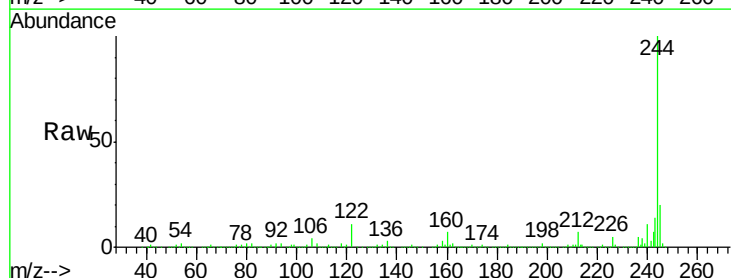
Tgt Ion:244 Resp: 2132552

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

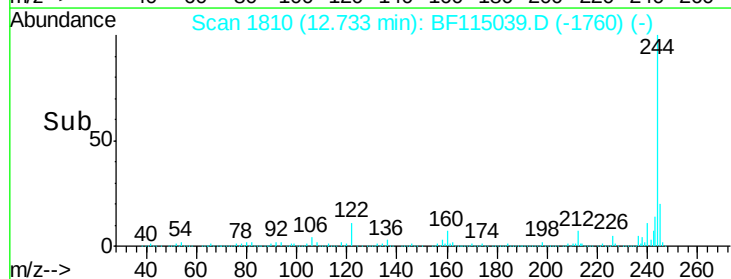
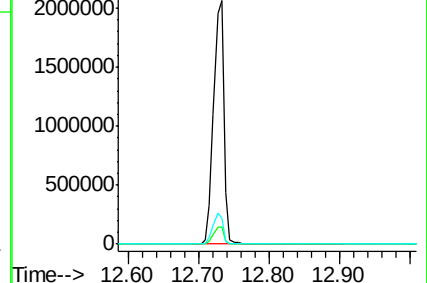
122 10.8 9.4 14.0

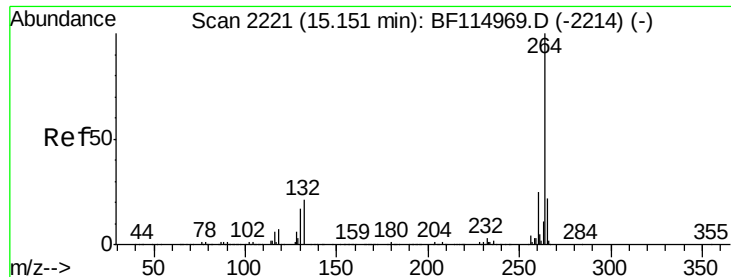


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115039.D
 Acq: 14 Jun 2019 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.9	29.9
265	21.5	17.6	26.4

