

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113659.D
 Acq On : 9 Apr 2019 14:11
 Operator : JU/SJ
 Sample : K2316-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:23:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

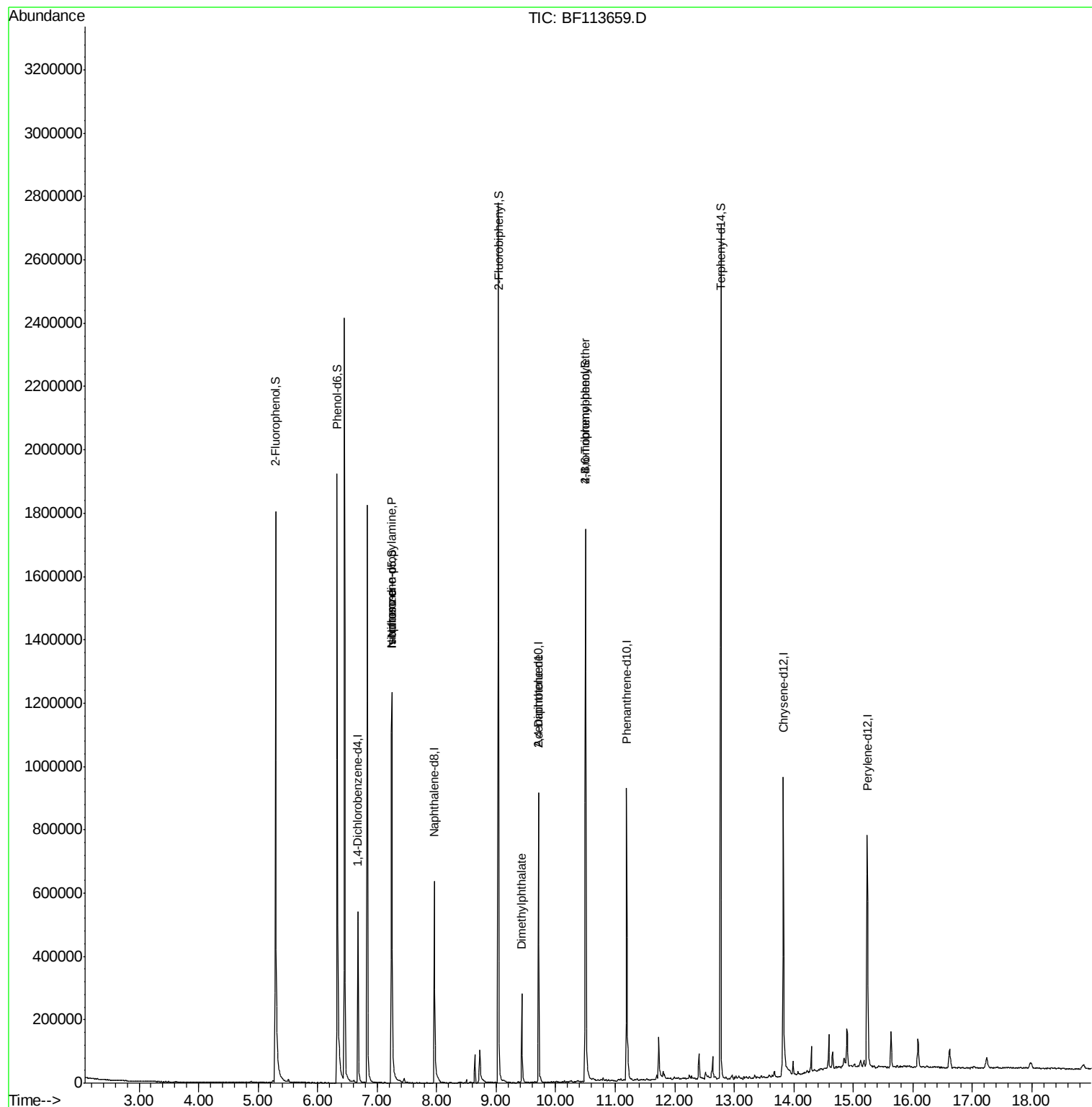
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	95987	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	365761	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	183184	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	381896	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	368242	20.00	ng	-0.02
87) Perylene-d12	15.23	264	314654	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	630378	111.99	ng	0.00
7) Phenol-d6	6.33	99	824155	118.79	ng	-0.01
23) Nitrobenzene-d5	7.25	82	469052	75.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	262252	119.18	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	874852	76.89	ng	-0.02
79) Terphenyl-d14	12.77	244	1055421	58.35	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	61722	14.427	ng	# 75
25) Isophorone	7.25	82	469048	38.994	ng	# 64
50) Dimethylphthalate	9.43	163	135107	10.006	ng	# 99
57) 2,4-Dinitrotoluene	9.71	165	21974	6.104	ng	# 22
67) 4-Bromophenyl-phenylether	10.50	248	14395	3.361	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
Data File : BF113659.D
Acq On : 9 Apr 2019 14:11
Operator : JU/SJ
Sample : K2316-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 10 02:23:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



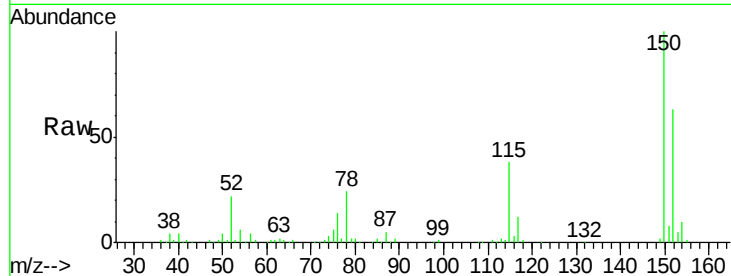


#1

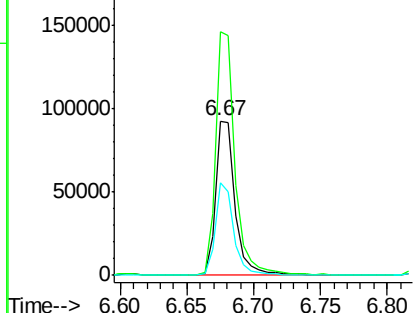
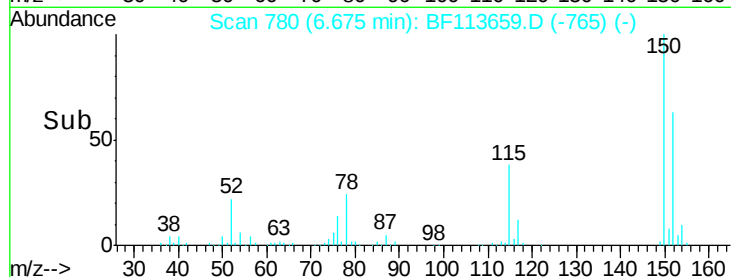
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113659.D
Acq: 9 Apr 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.7	187.1
115	60.0	46.0	69.0



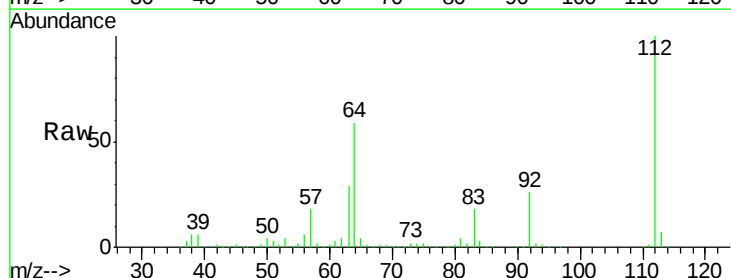
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



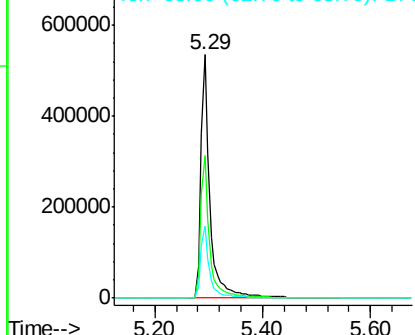
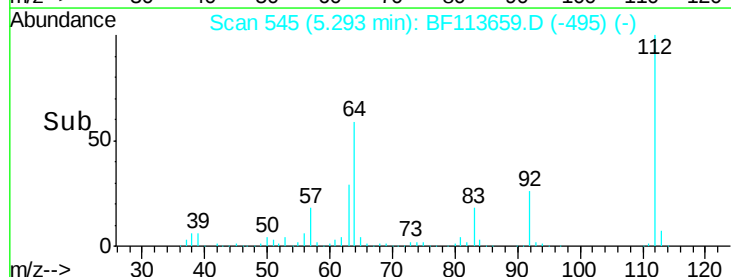
#5

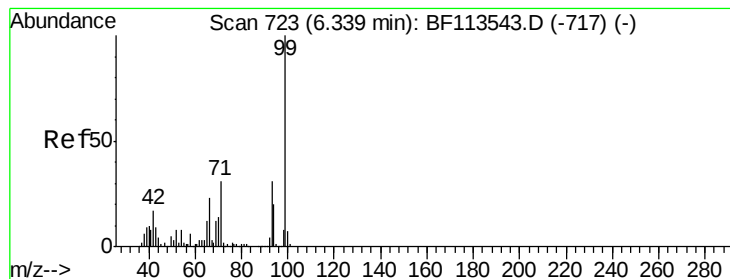
2-Fluorophenol
Concen: 111.988 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113659.D
Acq: 9 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	49.2	73.8
63	29.4	24.9	37.3



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: 118.793 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113659.D

Acq: 9 Apr 2019 14:11

Instrument :

BNA_F

ClientSampleId :

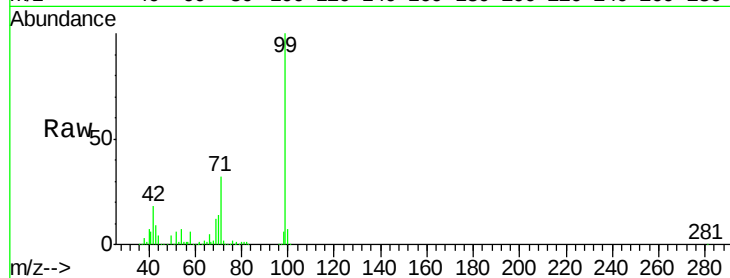
Tot Ion: 99 Resp: 824155

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

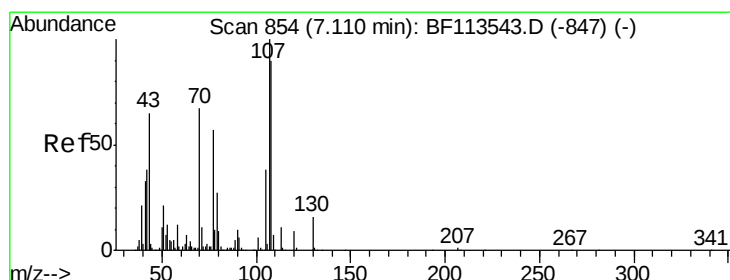
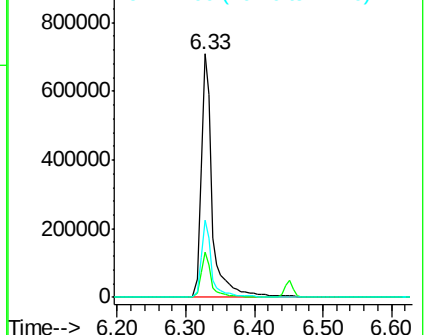
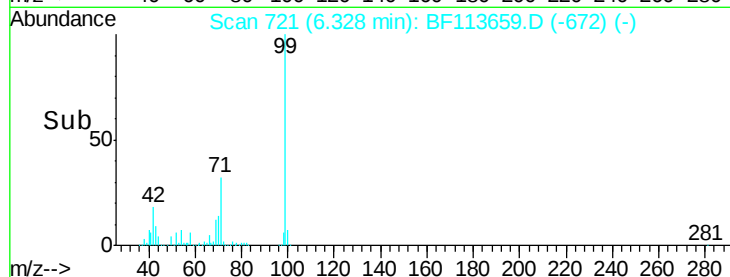
71 31.6 24.9 37.3



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: 14.427 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113659.D

Acq: 9 Apr 2019 14:11

Tgt Ion: 70 Resp: 61722

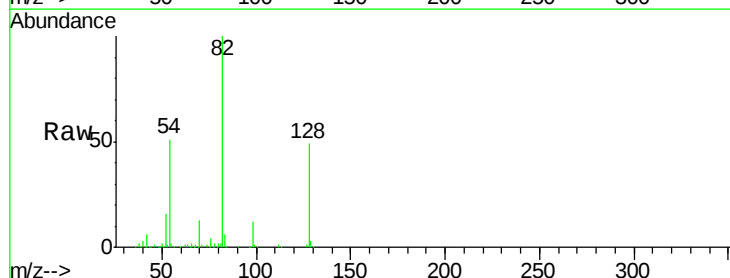
Ion Ratio Lower Upper

70 100

42 46.1 48.4 72.6#

101 0.0 7.8 11.8#

130 2.8 18.2 27.4#

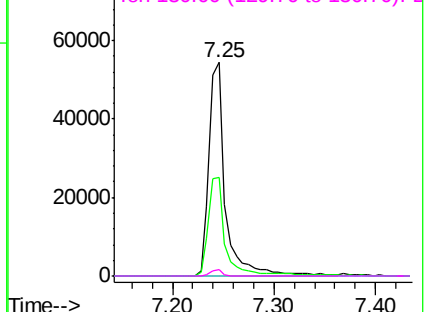
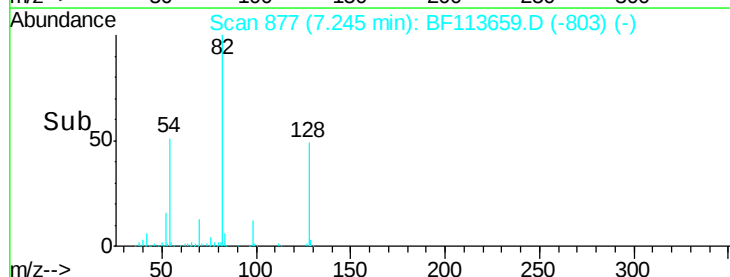


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113659.D

Acq: 9 Apr 2019 14:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 365761

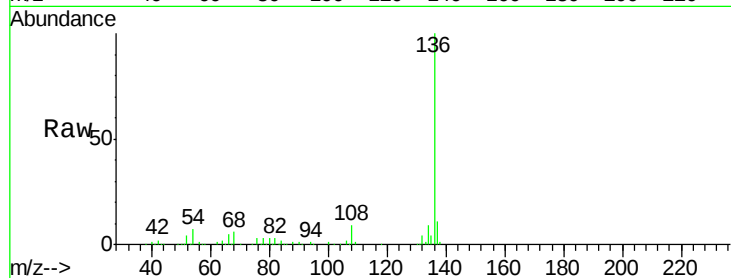
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.4 7.0 10.6

68 5.7 4.8 7.2

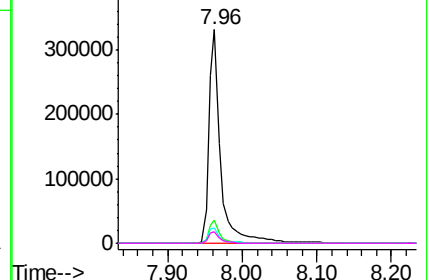
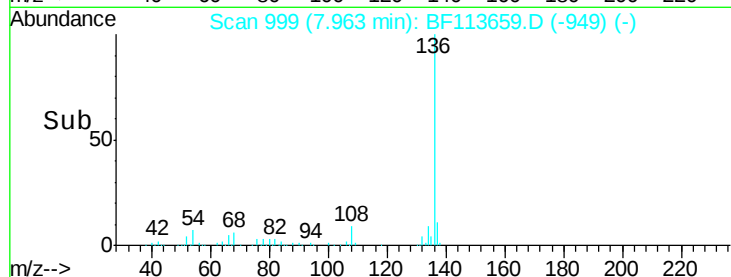


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.117 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113659.D

Acq: 9 Apr 2019 14:11

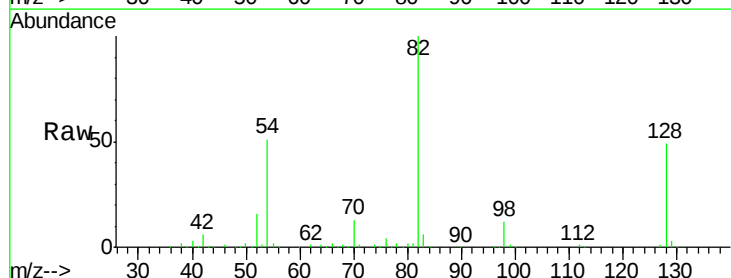
Tgt Ion: 82 Resp: 469052

Ion Ratio Lower Upper

82 100

128 49.0 36.5 54.7

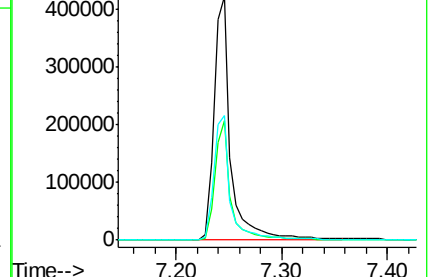
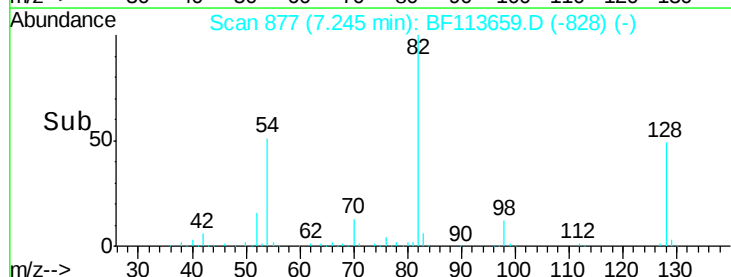
54 51.1 42.2 63.2



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: 38.994 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113659.D

Acq: 9 Apr 2019 14:11

Instrument :

BNA_F

ClientSampleId :

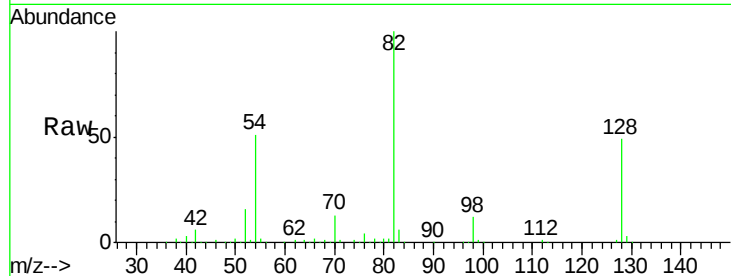
Tot Ion: 82 Resp: 469048

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

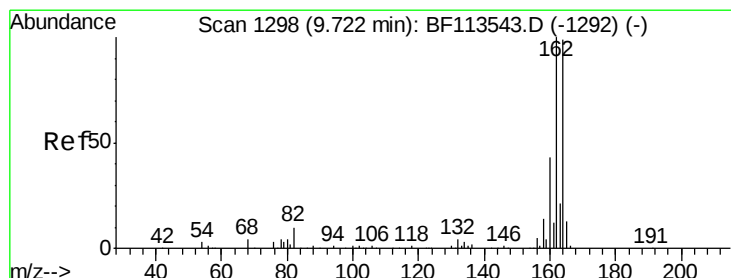
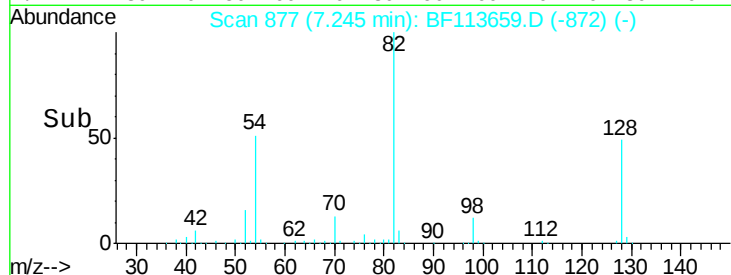
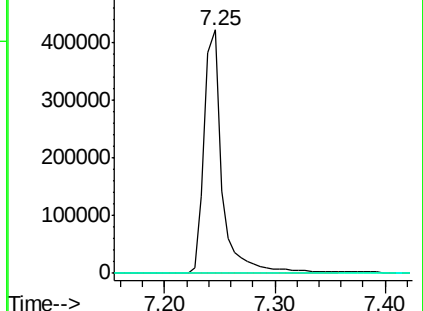
138 0.0 15.2 22.8#



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113659.D

Acq: 9 Apr 2019 14:11

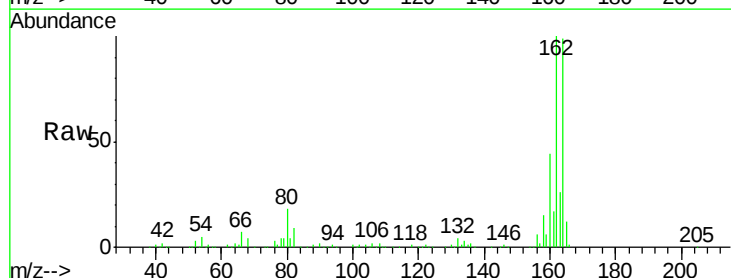
Tgt Ion:164 Resp: 183184

Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.6

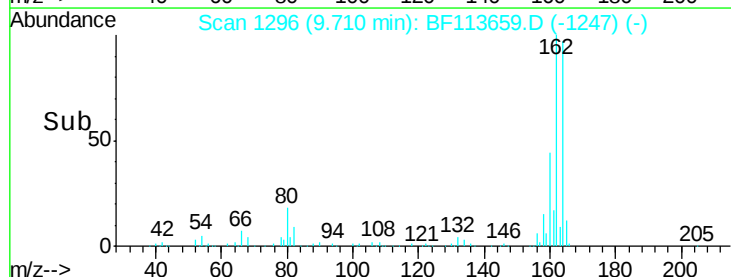
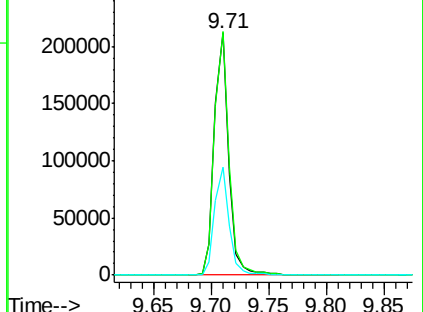
160 44.7 36.4 54.6

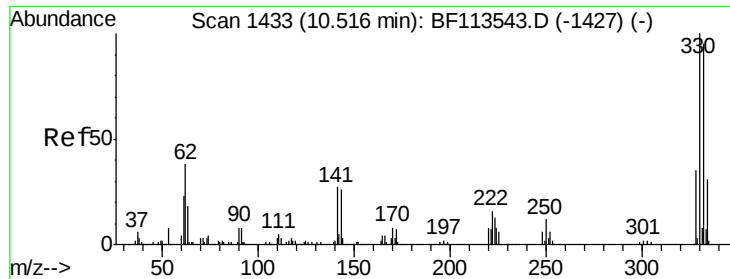


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

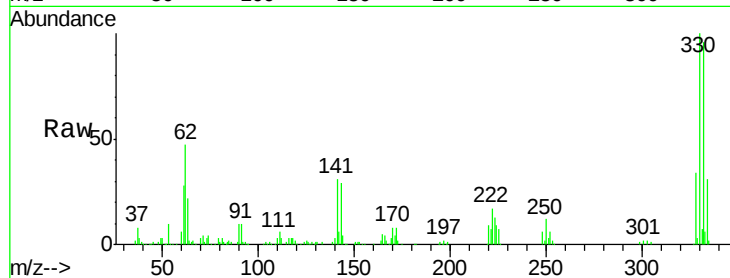




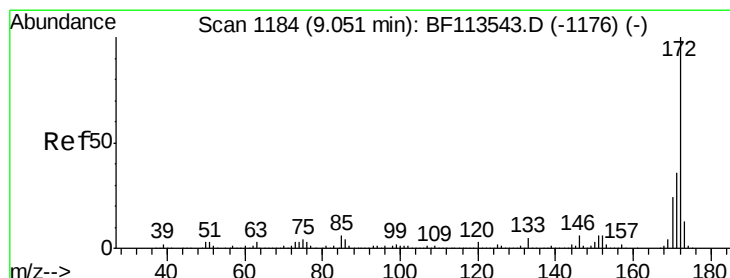
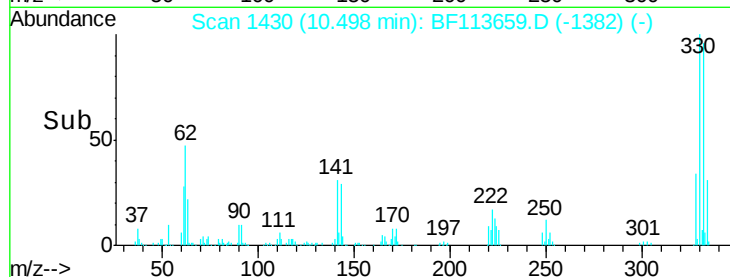
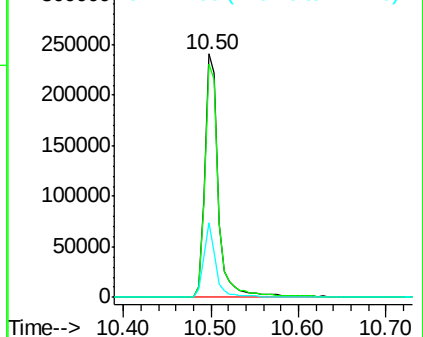
#42
 2,4,6-Tribromophenol
 Concen: 119.179 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113659.D
 Acq: 9 Apr 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 262252
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.8 116.6
 141 27.6 22.7 34.1

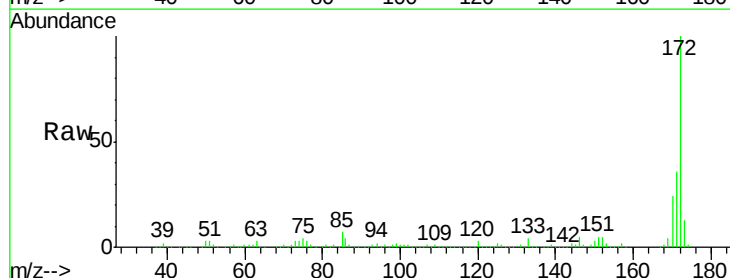


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

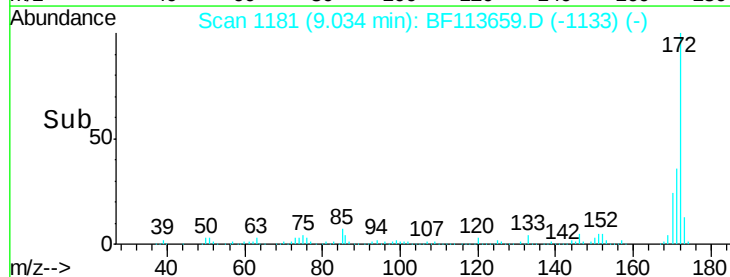
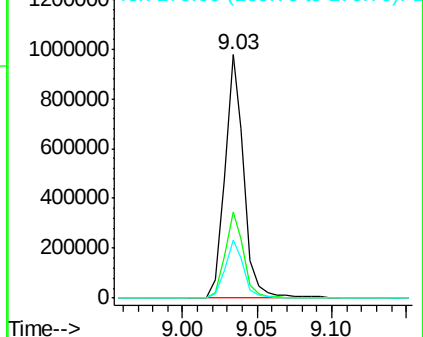


#45
 2-Fluorobiphenyl
 Concen: 76.885 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113659.D
 Acq: 9 Apr 2019 14:11

Tgt Ion:172 Resp: 874852
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 23.7 19.5 29.3



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

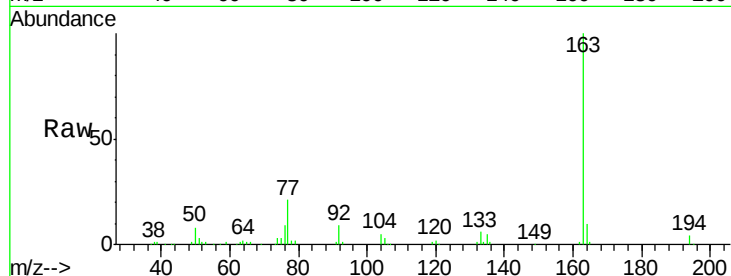




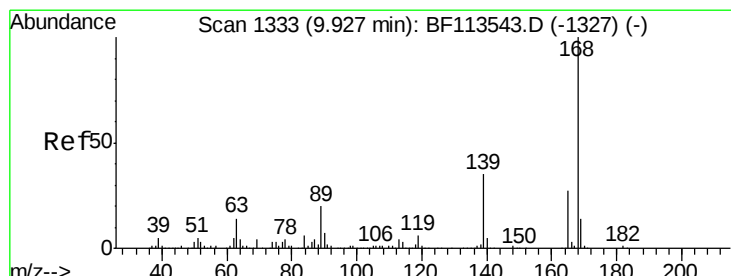
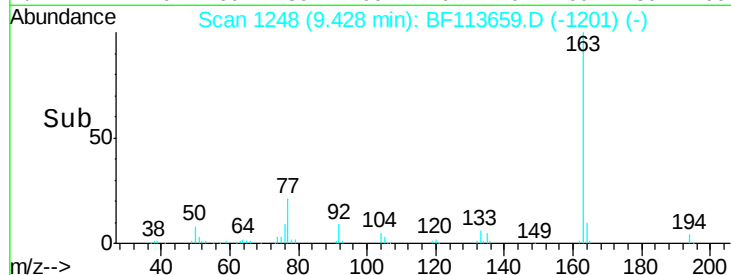
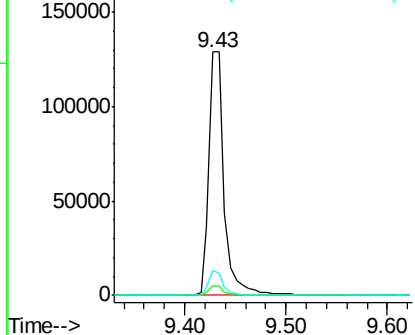
#50
Dimethylphthalate
Concen: 10.006 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113659.D
Acq: 9 Apr 2019 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 135107
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.9 8.1 12.1

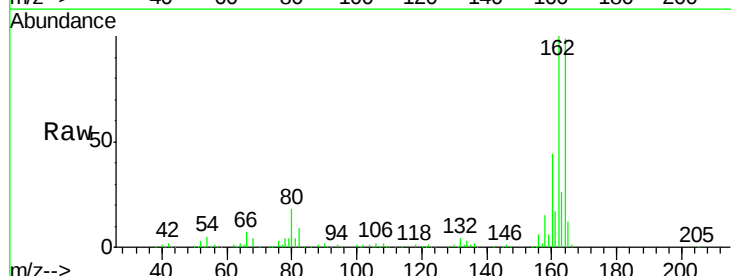


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

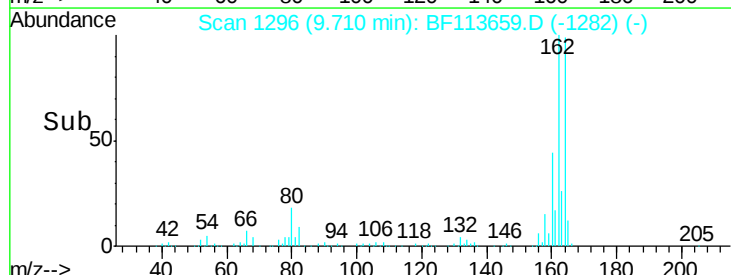
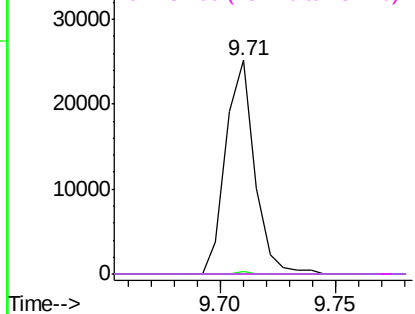


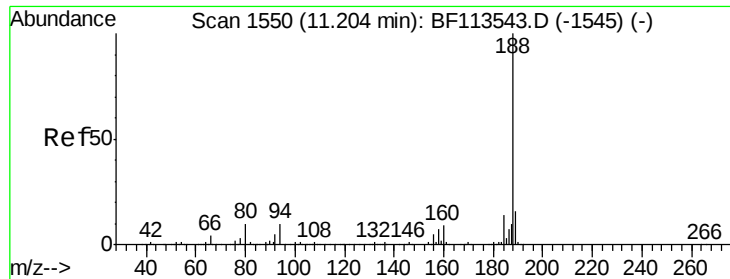
#57
2,4-Dinitrotoluene
Concen: 6.104 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF113659.D
Acq: 9 Apr 2019 14:11

Tgt Ion:165 Resp: 21974
Ion Ratio Lower Upper
165 100
63 1.3 37.5 56.3#
89 0.0 57.4 86.2#
182 0.0 2.0 3.0#



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

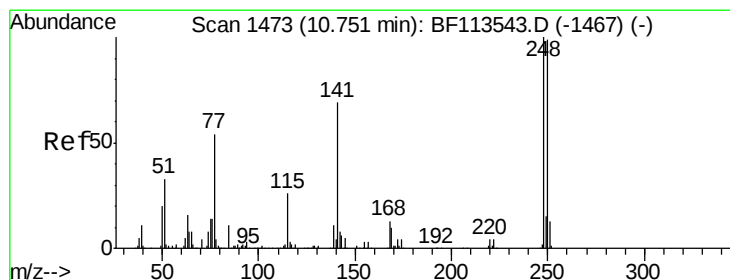
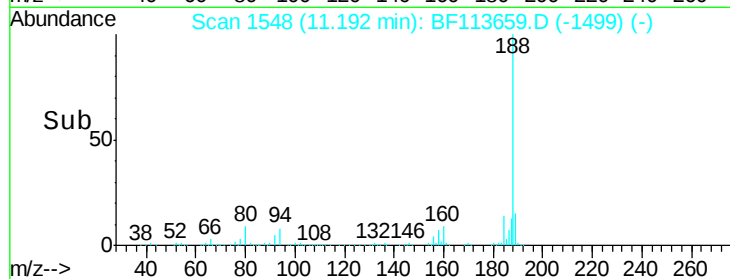
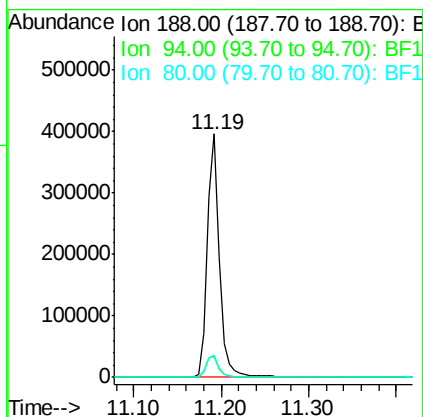
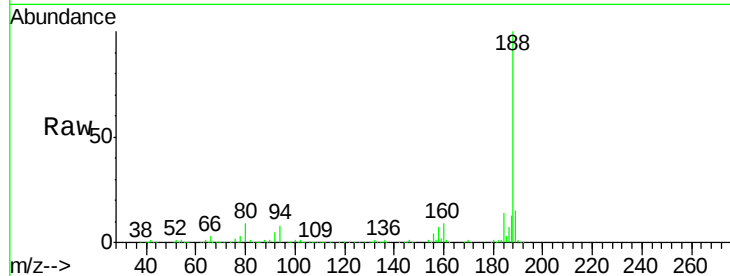




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113659.D
 Acq: 9 Apr 2019 14:11

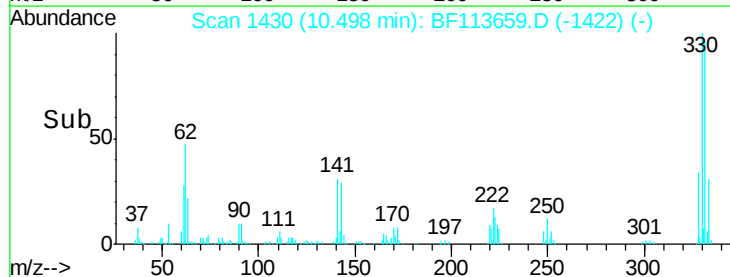
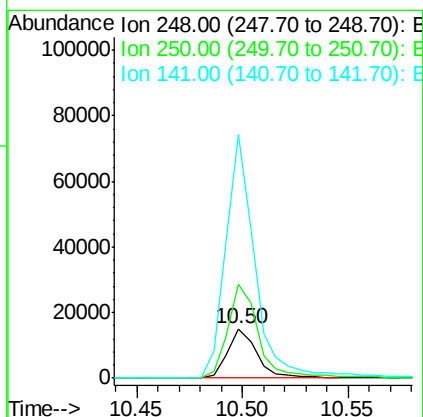
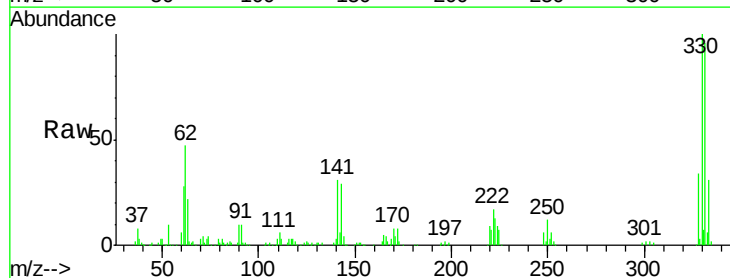
Instrument :
 BNA_F
 ClientSampleId :

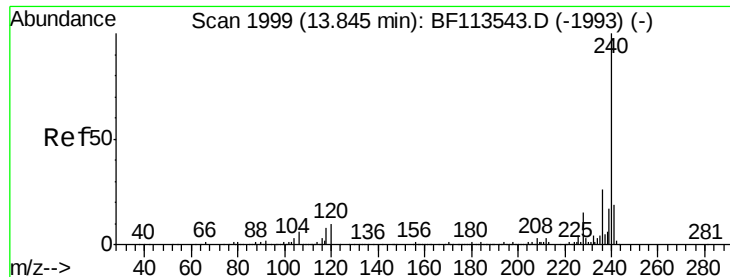
Tot Ion:188 Resp: 381896
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.0 10.6
 80 8.9 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.361 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113659.D
 Acq: 9 Apr 2019 14:11

Tgt Ion:248 Resp: 14395
 Ion Ratio Lower Upper
 248 100
 250 188.4 78.3 117.5#
 141 490.1 56.2 84.4#

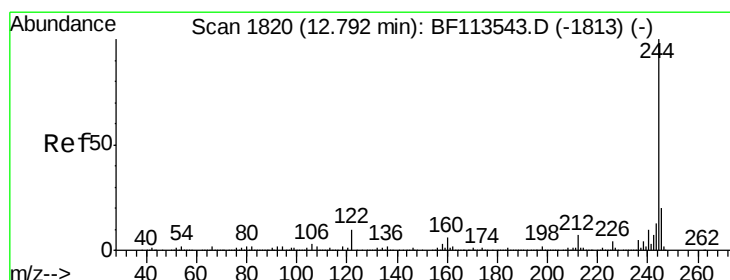
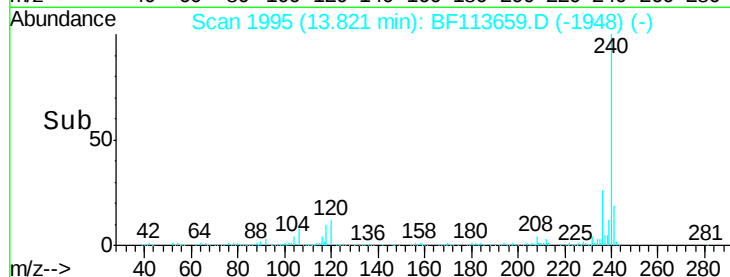
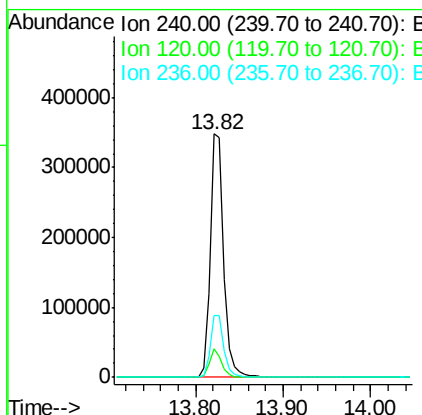
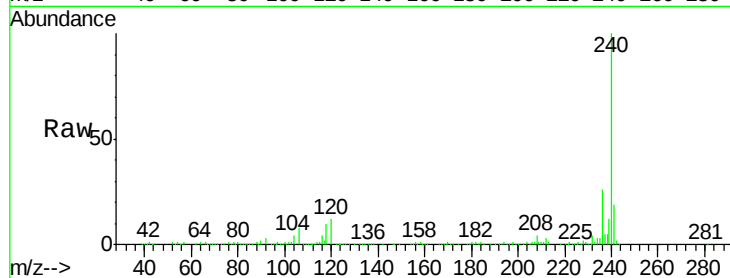




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF113659.D
 Acq: 9 Apr 2019 14:11

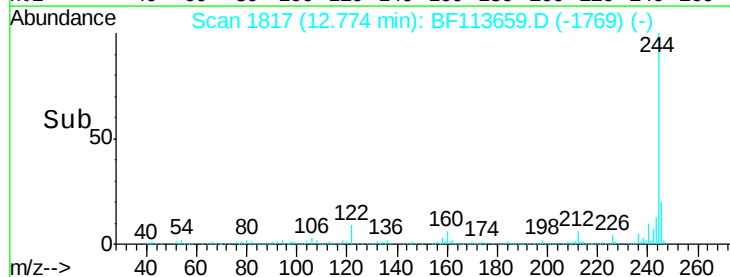
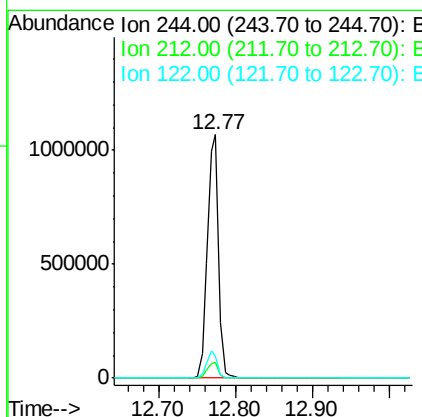
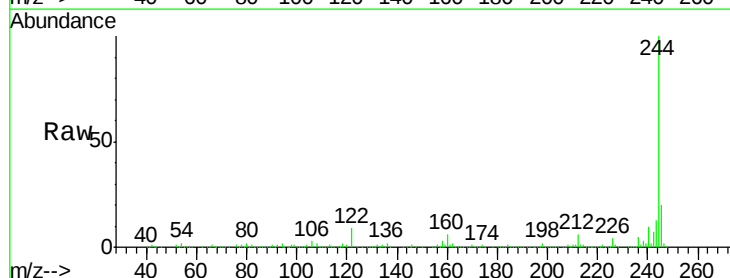
Instrument :
 BNA_F
 ClientSampleId :

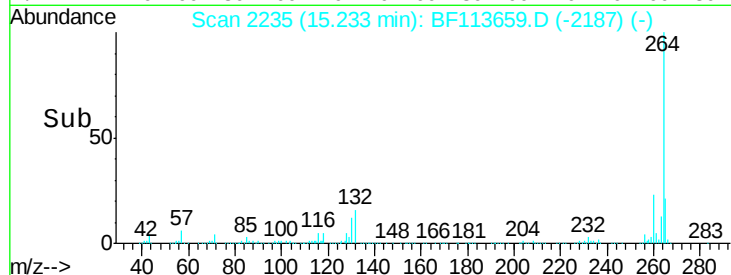
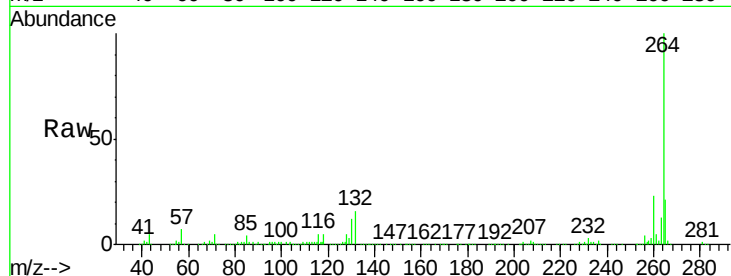
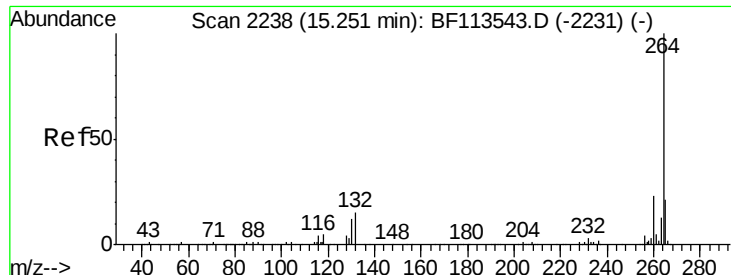
Tot Ion:240 Resp: 368242
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.8 13.2
 236 25.6 20.9 31.3



#79
 Terphenyl-d14
 Concen: 58.354 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113659.D
 Acq: 9 Apr 2019 14:11

Tgt Ion:244 Resp: 1055421
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 9.3 8.6 13.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113659.D
 Acq: 9 Apr 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	314654
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.4	17.1	25.7

