

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041519\
 Data File : BF113764.D
 Acq On : 15 Apr 2019 15:41
 Operator : JU/SJ
 Sample : K2407-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 15 23:07:39 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

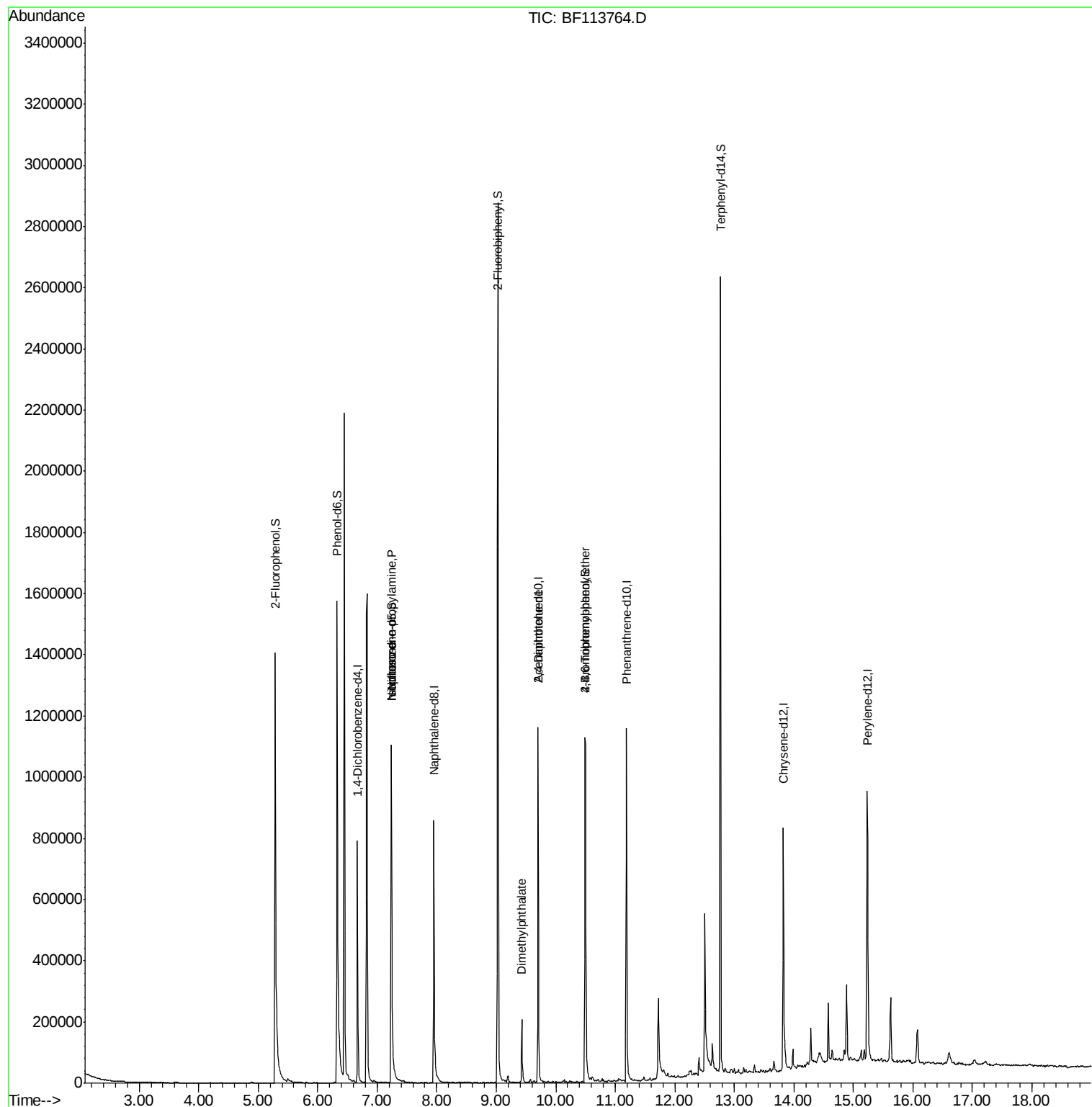
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	127328	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	483576	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	235240	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	482996	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	314612	20.00	ng	-0.02
87) Perylene-d12	15.23	264	330304	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	601152	80.51	ng	-0.01
7) Phenol-d6	6.33	99	808688	87.87	ng	-0.01
23) Nitrobenzene-d5	7.24	82	466209	56.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	198078	70.10	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	918477	62.86	ng	-0.02
79) Terphenyl-d14	12.77	244	1000770	64.76	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	59082	10.411	ng	# 76
25) Isophorone	7.24	82	466206	29.315	ng	# 64
50) Dimethylphthalate	9.43	163	106414	6.137	ng	99
57) 2,4-Dinitrotoluene	9.70	165	29372	6.354	ng	# 24
67) 4-Bromophenyl-phenylether	10.50	248	11255	2.078	ng	# 1

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

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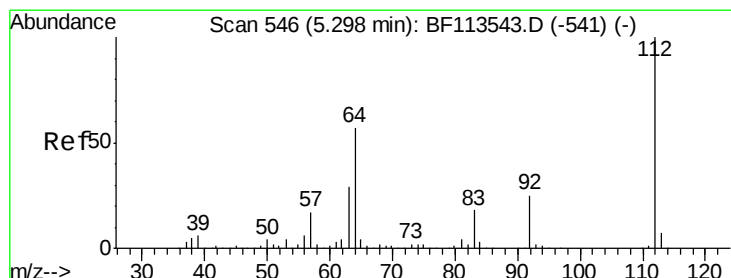
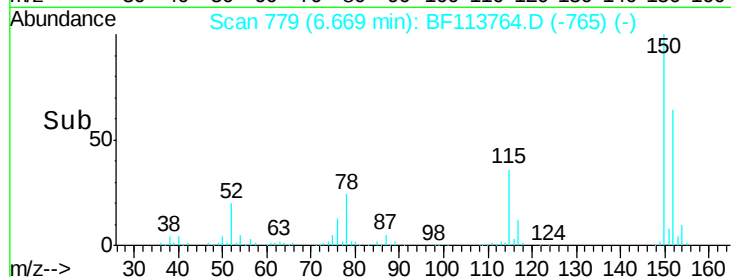
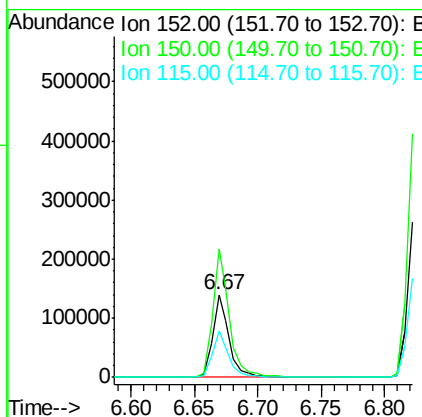
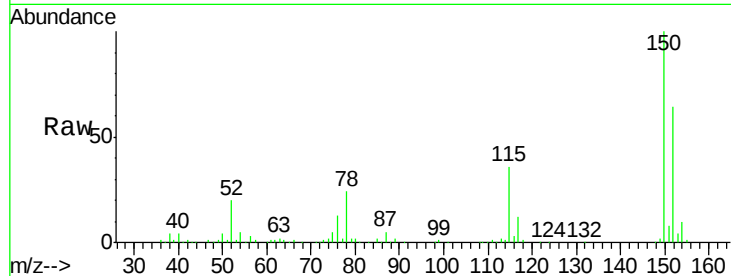


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113764.D
Acq: 15 Apr 2019 15:41

Instrument :
BNA_F
ClientSampleId :

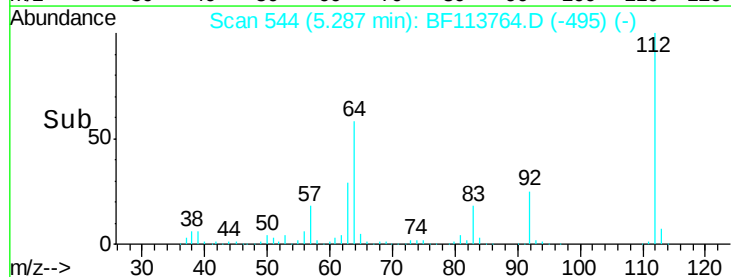
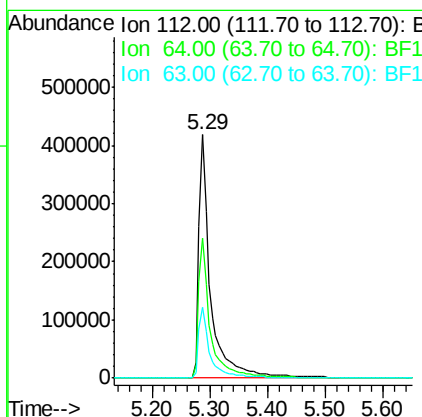
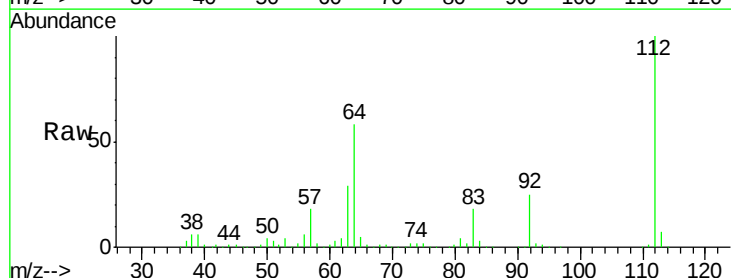
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.7	187.1
115	56.8	46.0	69.0

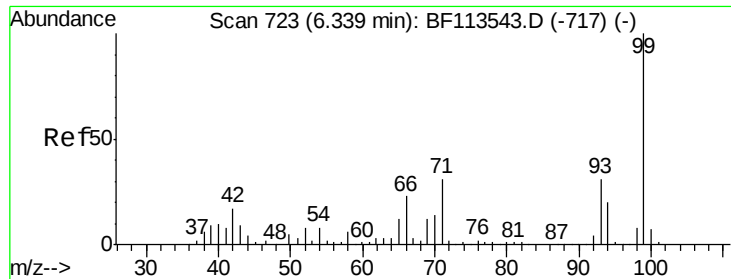


#5

2-Fluorophenol
Concen: 80.509 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113764.D
Acq: 15 Apr 2019 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	49.2	73.8
63	29.3	24.9	37.3





#7

Phenol-d6

Concen: 87.872 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113764.D

Acq: 15 Apr 2019 15:41

Instrument :

BNA_F

ClientSampleId :

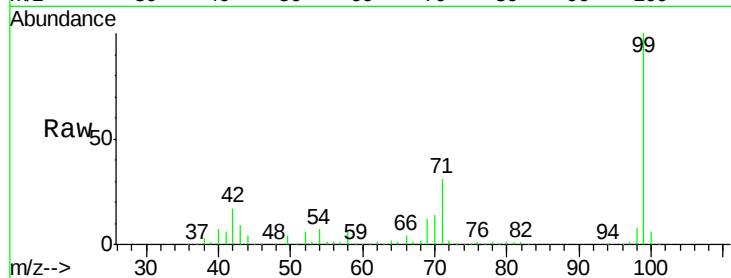
Tot Ion: 99 Resp: 808688

Ion Ratio Lower Upper

99 100

42 17.1 14.8 22.2

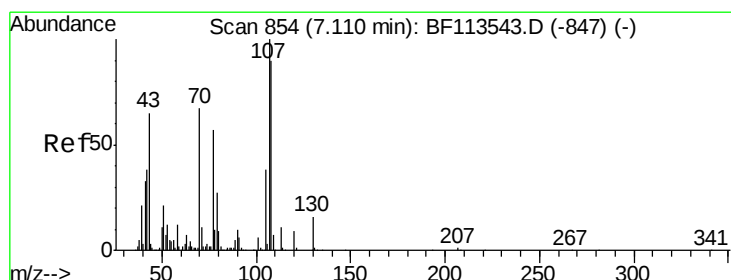
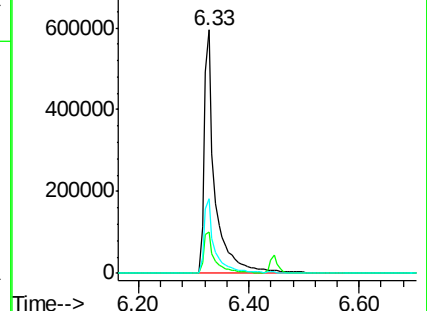
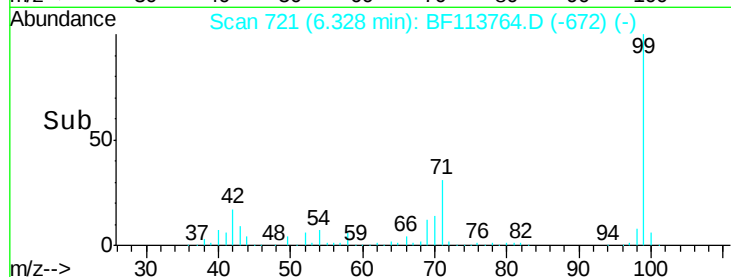
71 30.6 24.9 37.3



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: 10.411 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113764.D

Acq: 15 Apr 2019 15:41

Tgt Ion: 70 Resp: 59082

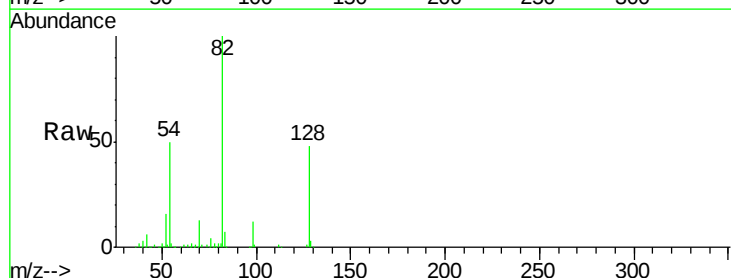
Ion Ratio Lower Upper

70 100

42 48.2 48.4 72.6#

101 0.0 7.8 11.8#

130 1.9 18.2 27.4#

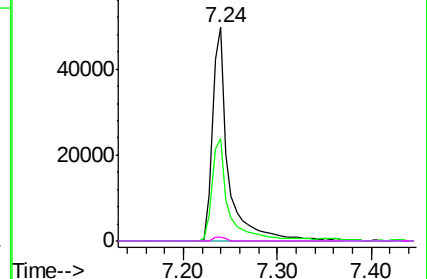
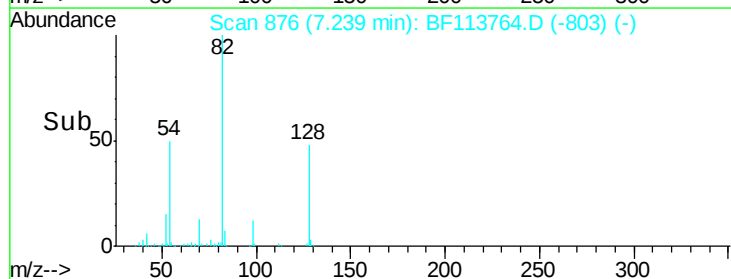


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113764.D

Acq: 15 Apr 2019 15:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 483576

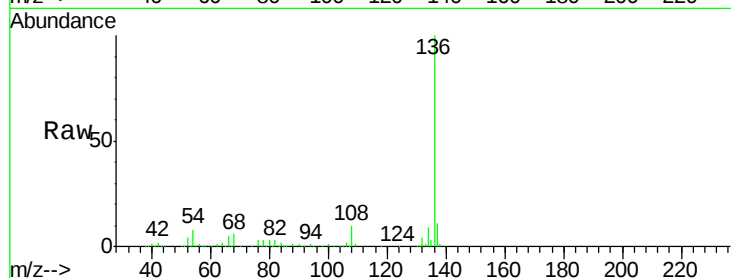
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 7.0 10.6

68 6.2 4.8 7.2

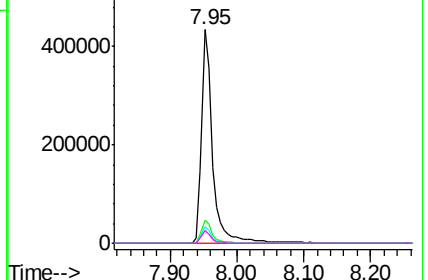
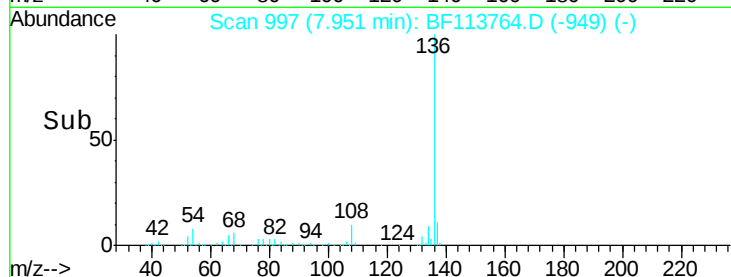


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.472 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113764.D

Acq: 15 Apr 2019 15:41

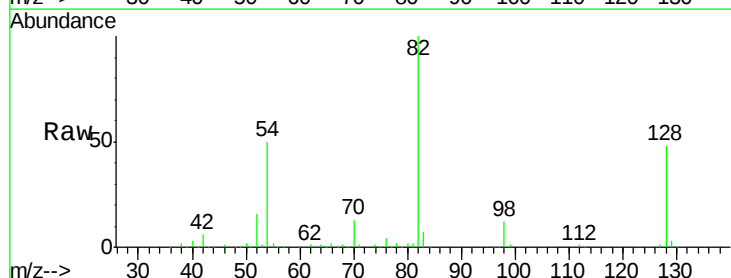
Tgt Ion: 82 Resp: 466209

Ion Ratio Lower Upper

82 100

128 47.6 36.5 54.7

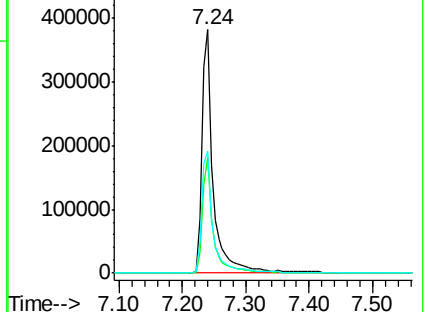
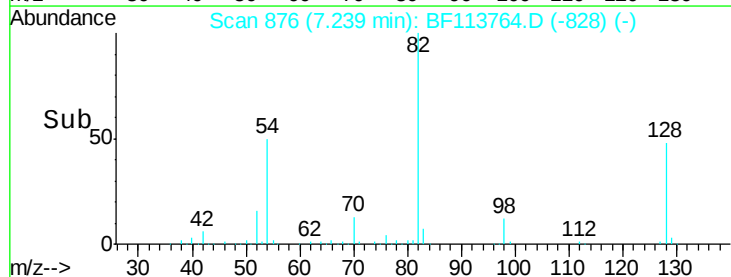
54 50.1 42.2 63.2

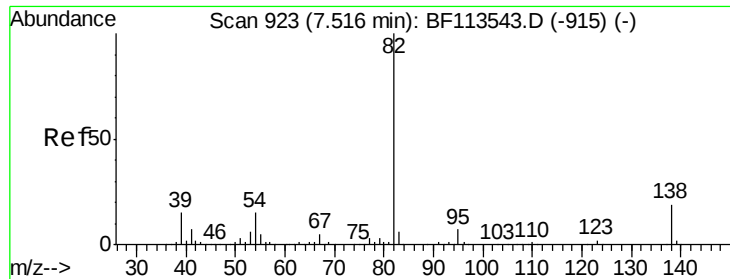


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.315 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113764.D

Acq: 15 Apr 2019 15:41

Instrument :

BNA_F

ClientSampled :

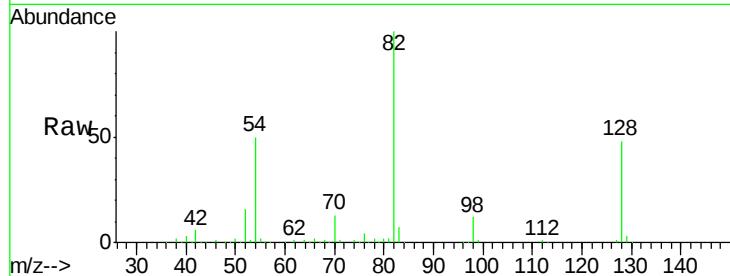
Tot Ion: 82 Resp: 466206

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

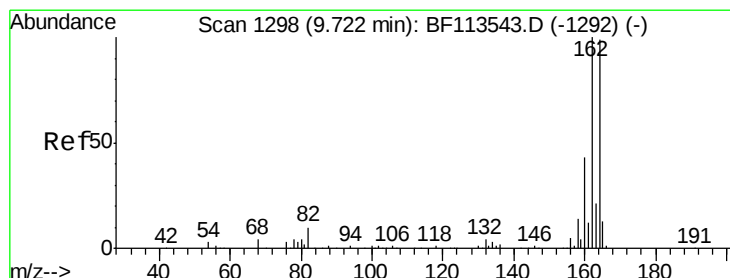
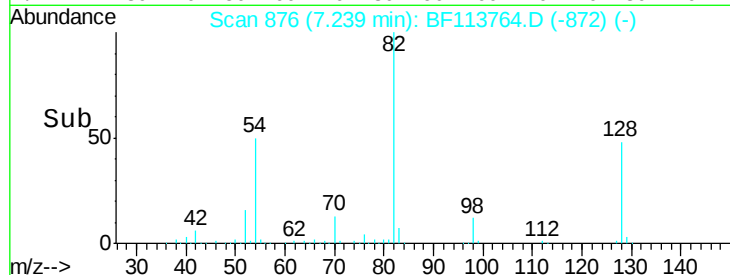
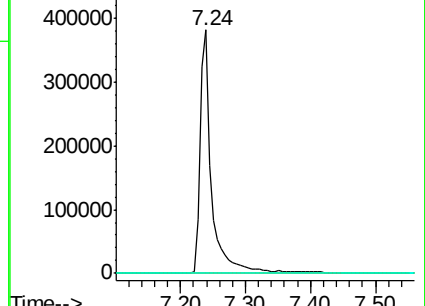
138 0.0 15.2 22.8#



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: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113764.D

Acq: 15 Apr 2019 15:41

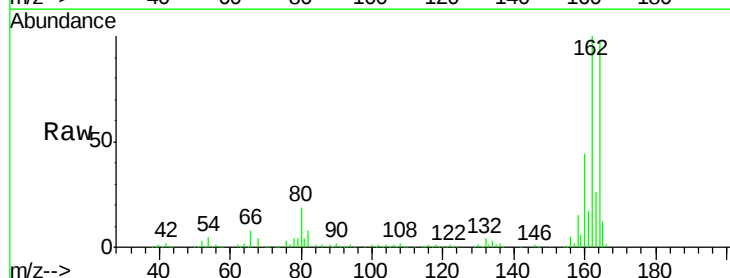
Tgt Ion:164 Resp: 235240

Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.6

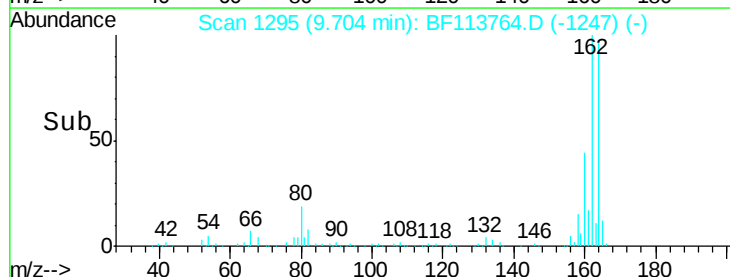
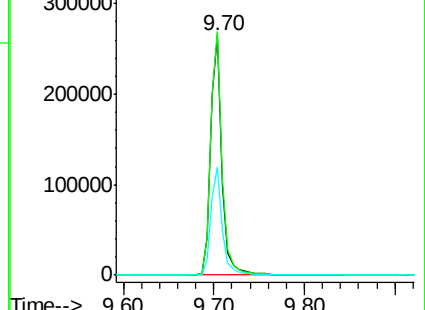
160 45.3 36.4 54.6



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: 70.096 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113764.D

Acq: 15 Apr 2019 15:41

Instrument :

BNA_F

ClientSampleId :

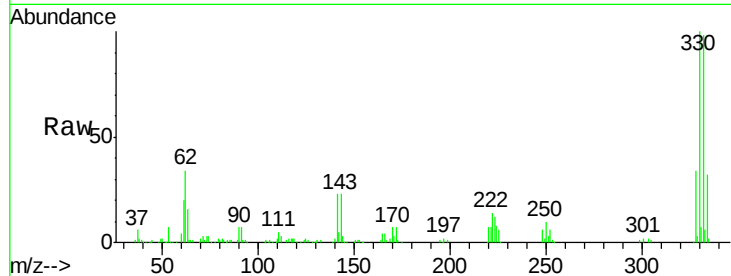
Tot Ion:330 Resp: 198078

Ion Ratio Lower Upper

330 100

332 97.6 77.8 116.6

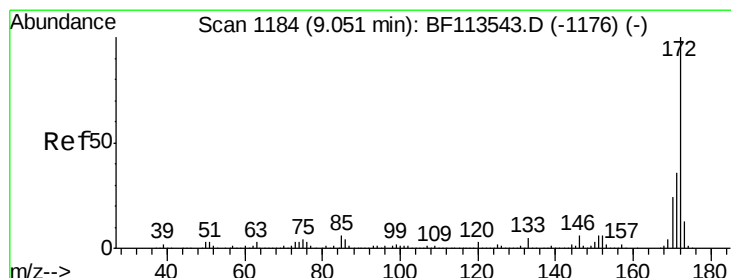
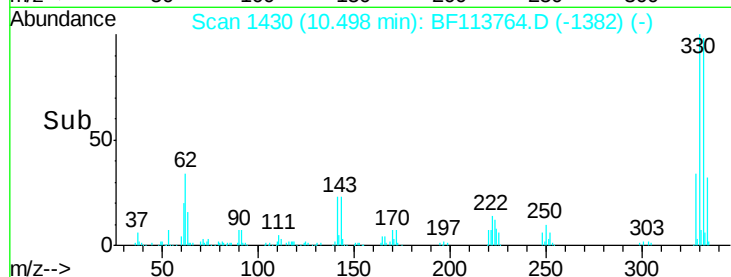
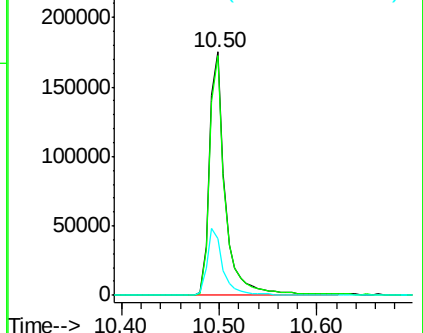
141 27.8 22.7 34.1



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: 62.857 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF113764.D

Acq: 15 Apr 2019 15:41

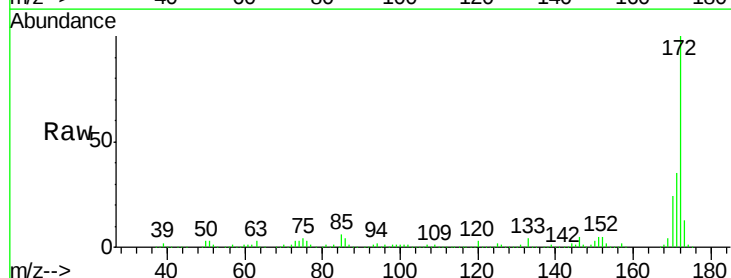
Tgt Ion:172 Resp: 918477

Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

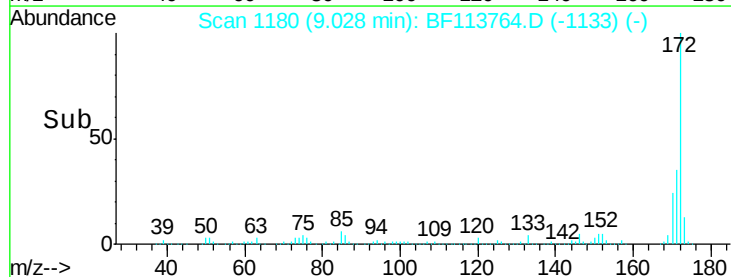
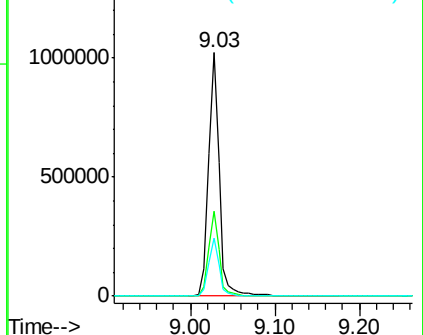
170 23.6 19.5 29.3

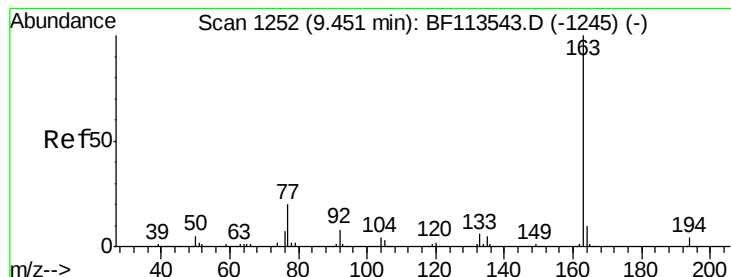


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.137 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113764.D

Acq: 15 Apr 2019 15:41

Instrument :

BNA_F

ClientSampleId :

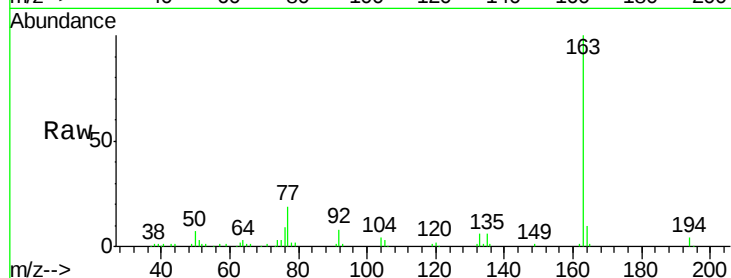
Tot Ion:163 Resp: 106414

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 9.8 8.1 12.1



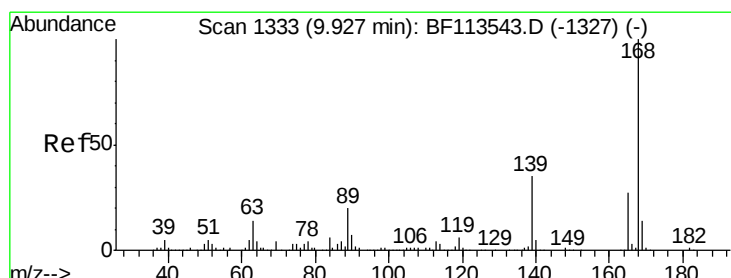
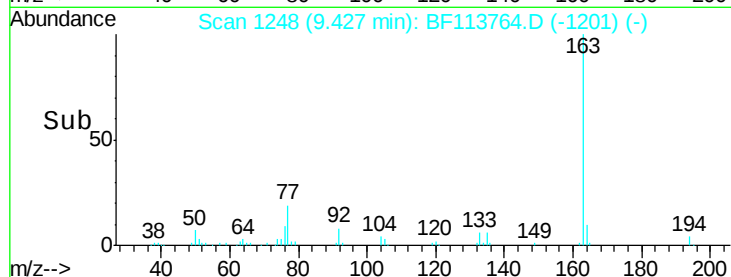
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.43

Time-->



#57

2,4-Dinitrotoluene

Concen: 6.354 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113764.D

Acq: 15 Apr 2019 15:41

Tgt Ion:165 Resp: 29372

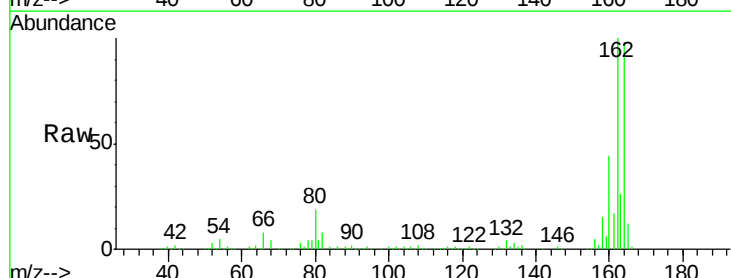
Ion Ratio Lower Upper

165 100

63 1.7 37.5 56.3#

89 1.6 57.4 86.2#

182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E

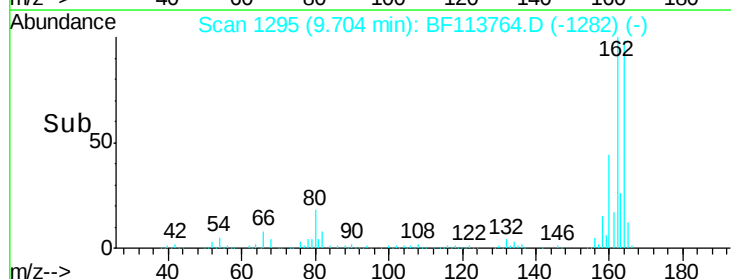
Ion 63.00 (62.70 to 63.70): BF1

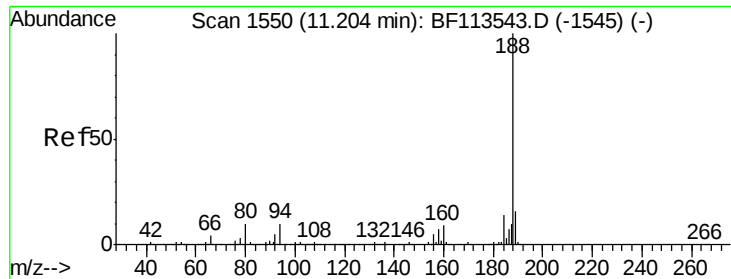
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

9.70

Time-->

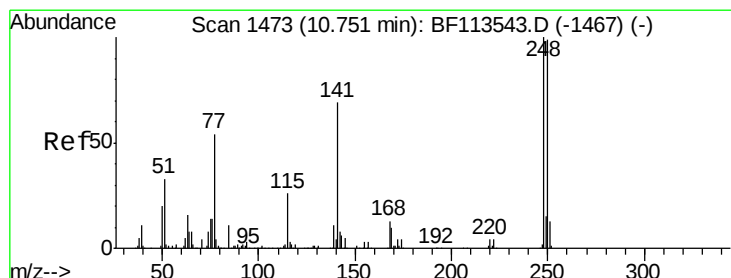
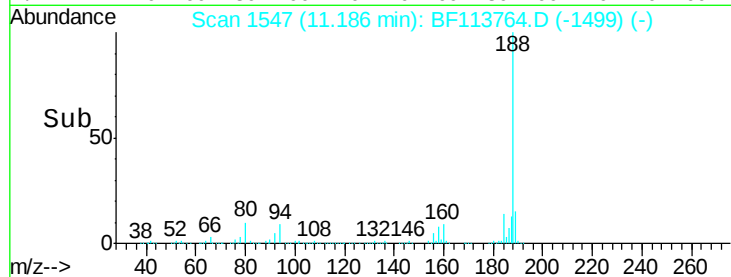
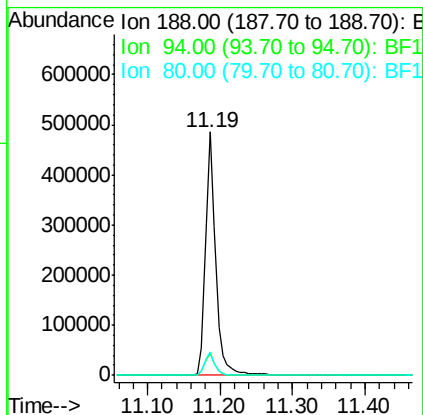
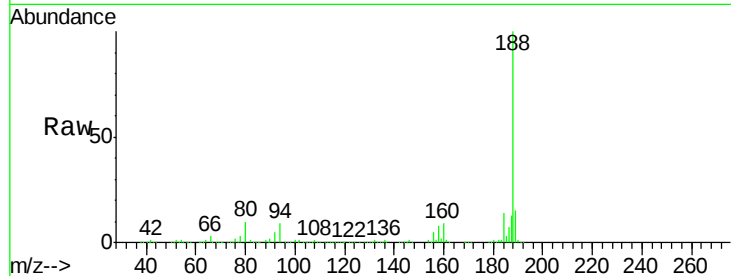




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113764.D
Acq: 15 Apr 2019 15:41

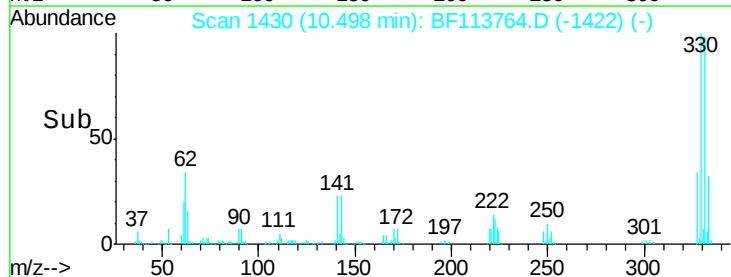
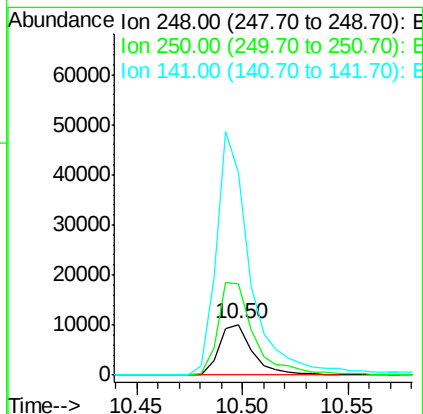
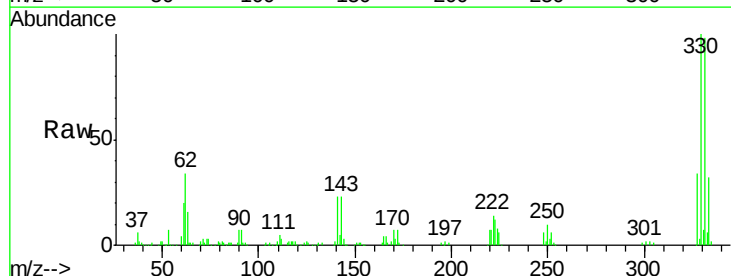
Instrument :
BNA_F
ClientSampleId :

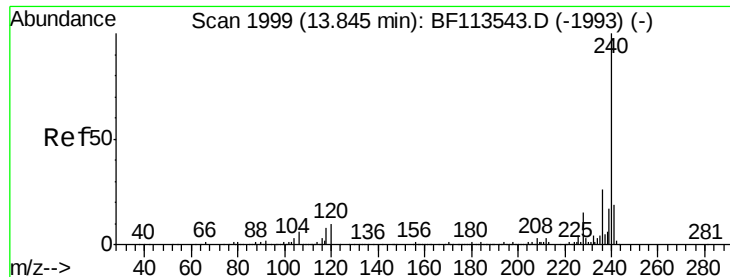
Tot Ion:188 Resp: 482996
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.5 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 2.078 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113764.D
Acq: 15 Apr 2019 15:41

Tgt Ion:248 Resp: 11255
Ion Ratio Lower Upper
248 100
250 179.5 78.3 117.5#
141 398.5 56.2 84.4#

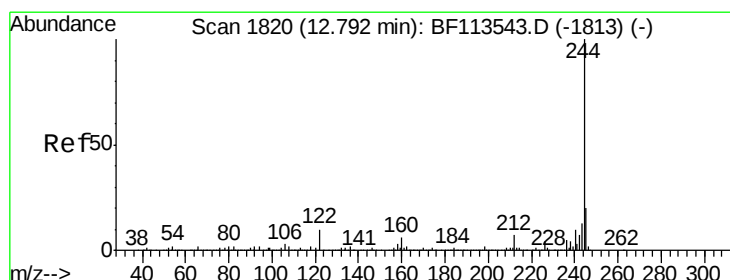
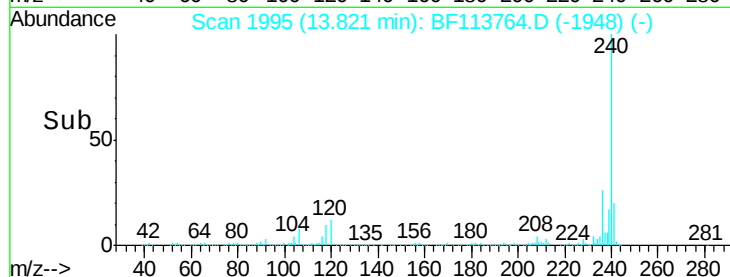
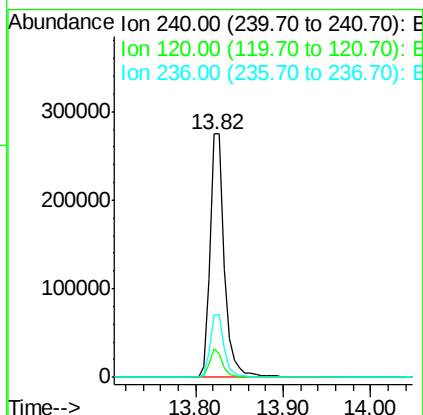
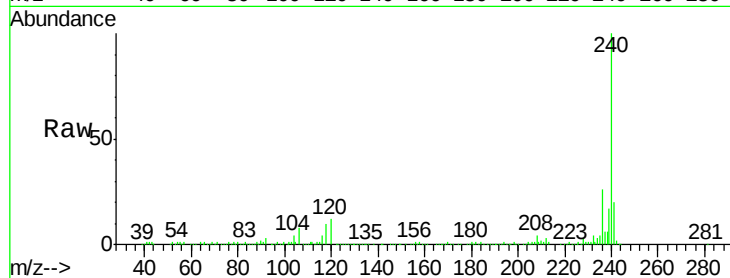




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF113764.D
 Acq: 15 Apr 2019 15:41

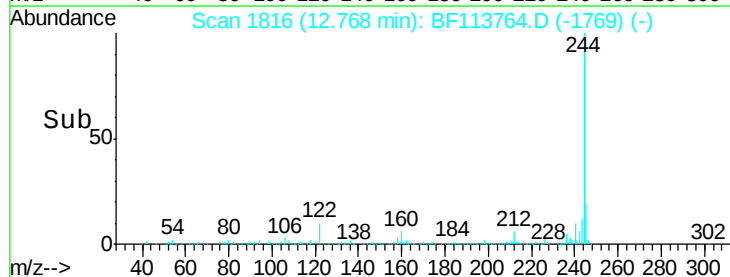
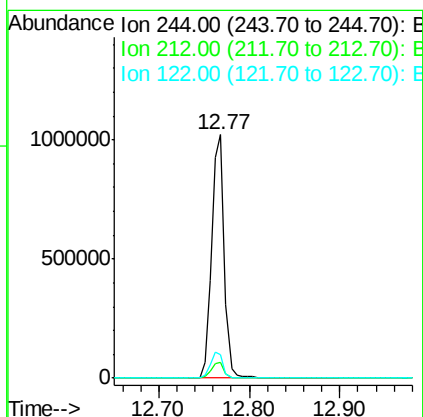
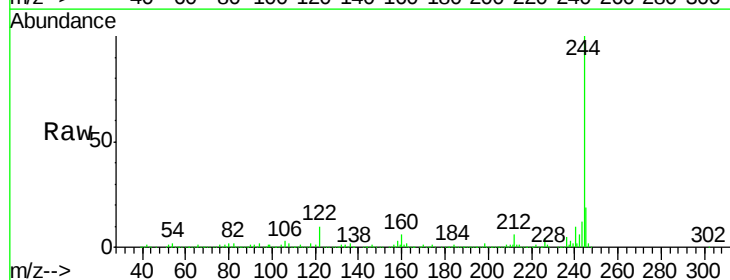
Instrument :
 BNA_F
 ClientSampleId :

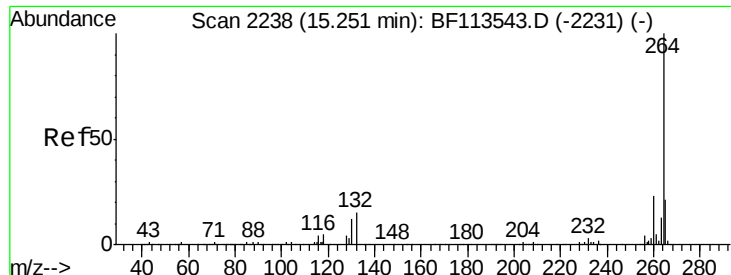
Tot Ion:240 Resp: 314612
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.8 13.2
 236 25.5 20.9 31.3



#79
 Terphenyl-d14
 Concen: 64.765 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113764.D
 Acq: 15 Apr 2019 15:41

Tgt Ion:244 Resp: 1000770
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 9.5 8.6 13.0

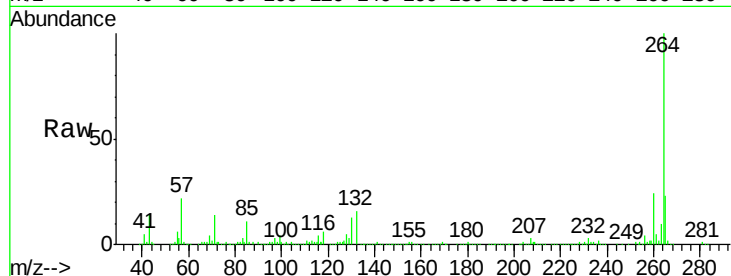




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113764.D
 Acq: 15 Apr 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.5	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

