

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113686.D
 Acq On : 10 Apr 2019 5:38
 Operator : JU/SJ
 Sample : K2332-02 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 07:36:51 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

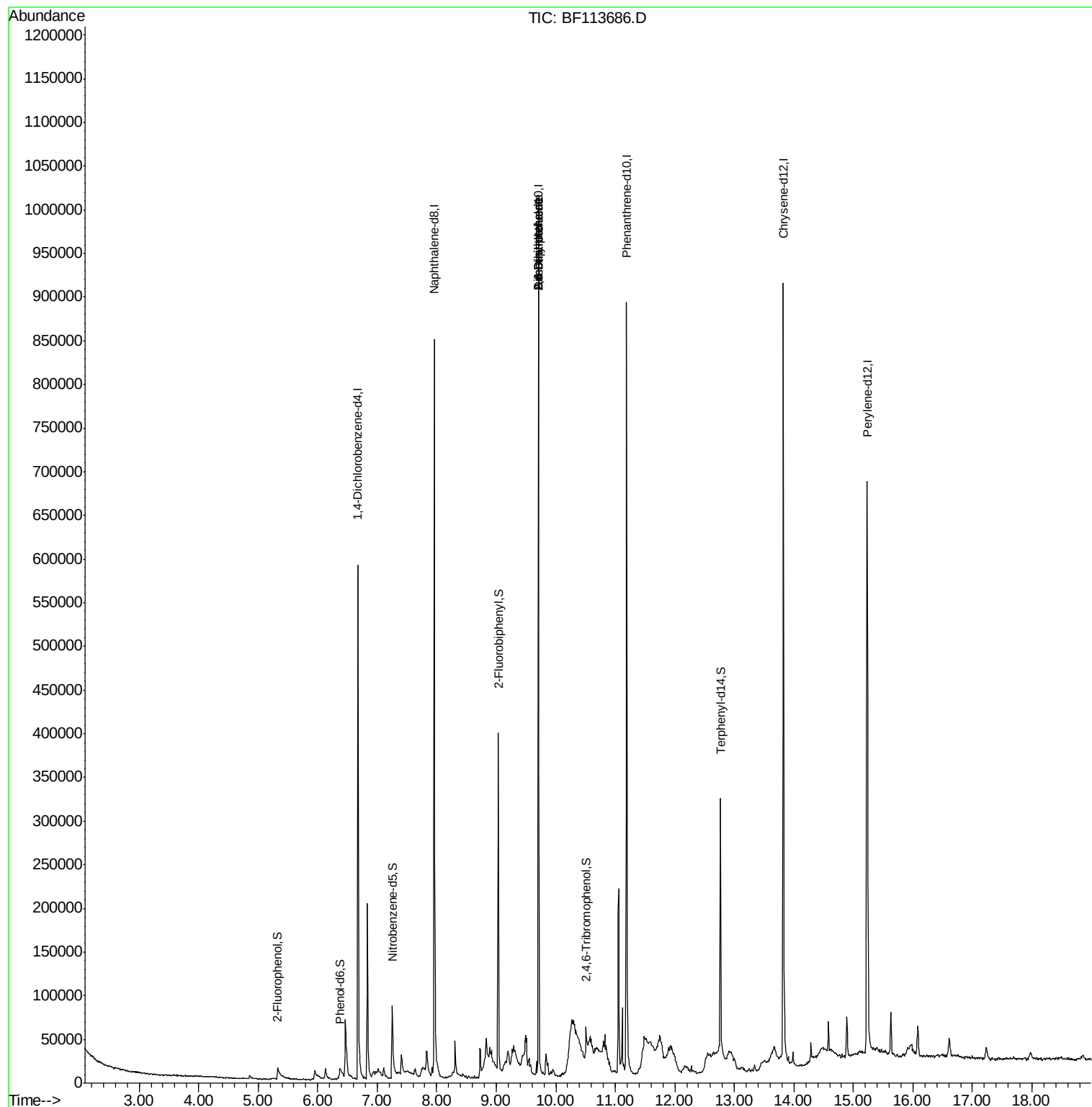
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	108854	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	444338	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	209865	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	392075	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	352917	20.00	ng	-0.02
87) Perylene-d12	15.23	264	341734	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	18564	2.91	ng	0.03
7) Phenol-d6	6.37	99	18224	2.32	ng	0.04
23) Nitrobenzene-d5	7.25	82	52804	6.96	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	9089	3.61	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	126870	9.73	ng	-0.02
79) Terphenyl-d14	12.77	244	107907	6.23	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.71	163	54815	3.543	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	26579	7.794	ng	# 27
57) 2,4-Dinitrotoluene	9.71	165	26579	6.445	ng	# 24

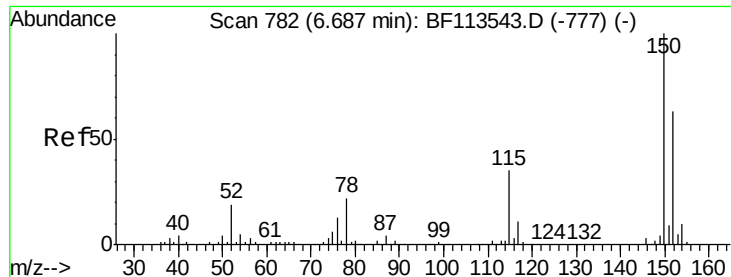
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
Data File : BF113686.D
Acq On : 10 Apr 2019 5:38
Operator : JU/SJ
Sample : K2332-02 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 10 07:36:51 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



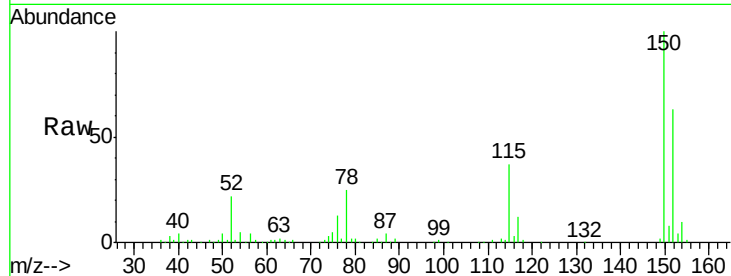


#1

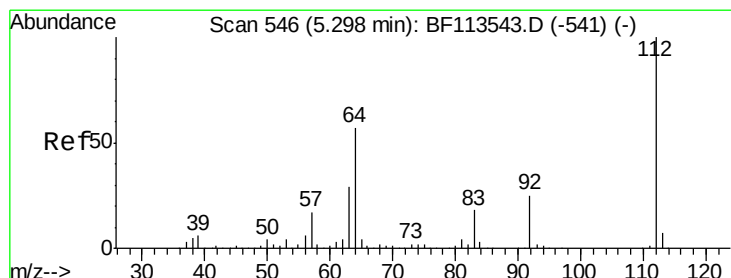
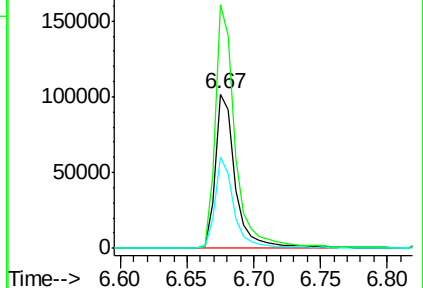
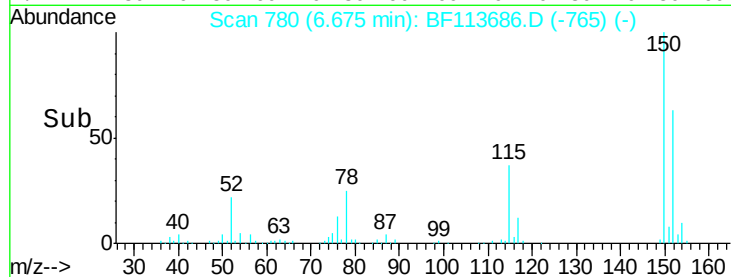
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113686.D
Acq: 10 Apr 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.7	187.1
115	59.3	46.0	69.0



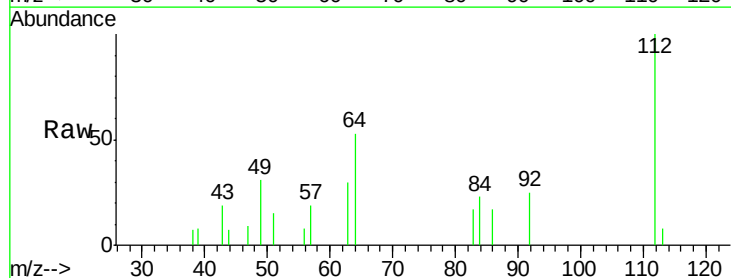
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



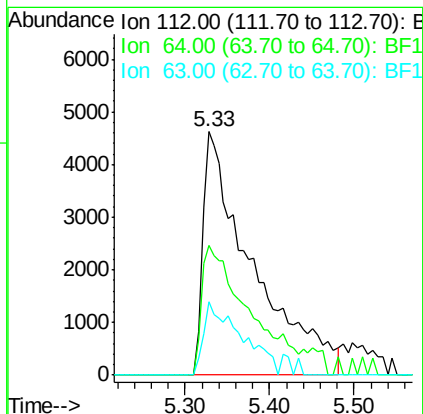
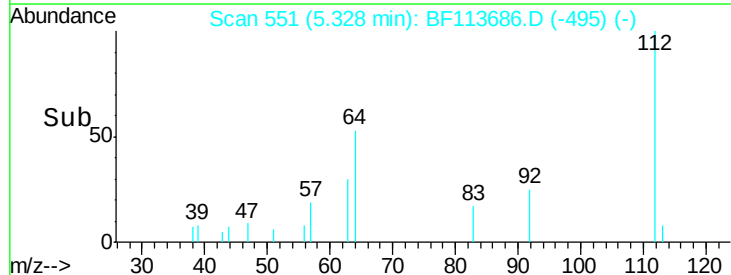
#5

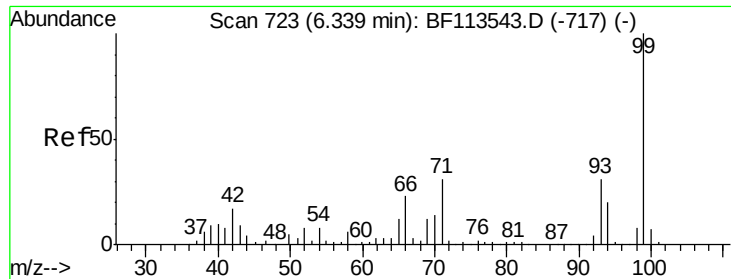
2-Fluorophenol
Concen: 2.908 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.03 min
Lab File: BF113686.D
Acq: 10 Apr 2019 5:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	49.2	73.8
63	30.1	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: 2.316 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.04 min

Lab File: BF113686.D

Acq: 10 Apr 2019 5:38

Instrument :

BNA_F

ClientSampled :

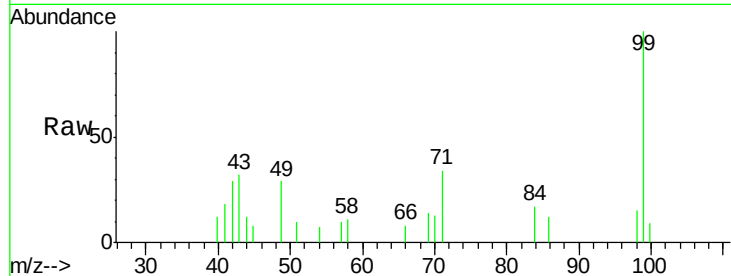
Tot Ion: 99 Resp: 18224

Ion Ratio Lower Upper

99 100

42 29.4 14.8 22.2#

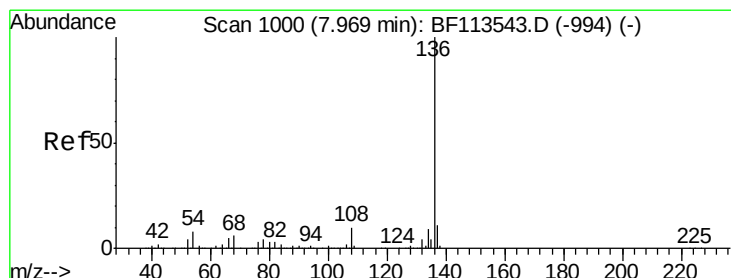
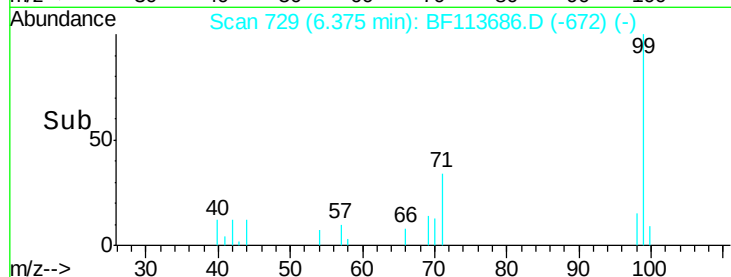
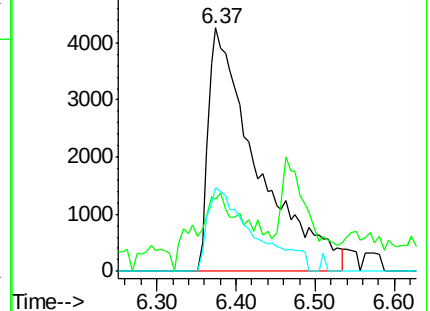
71 34.4 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113686.D

Acq: 10 Apr 2019 5:38

Tgt Ion: 136 Resp: 444338

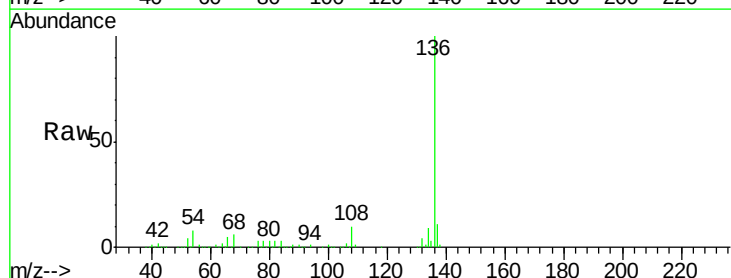
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.3 7.0 10.6

68 6.0 4.8 7.2

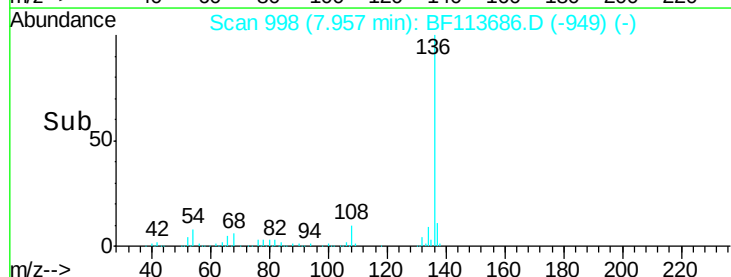
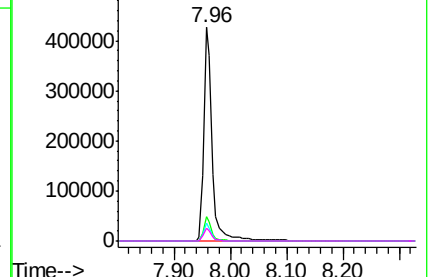


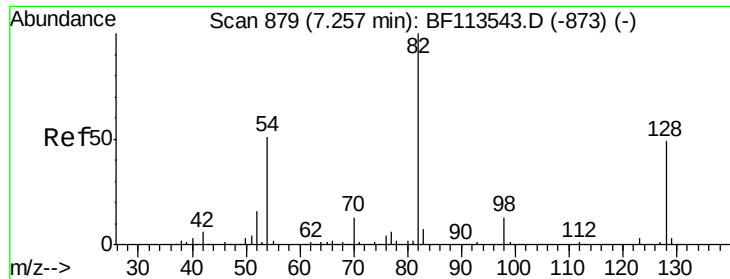
Abundance Ion 136.00 (135.70 to 136.70): E

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

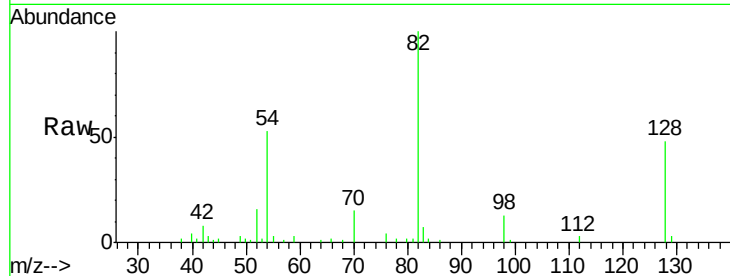




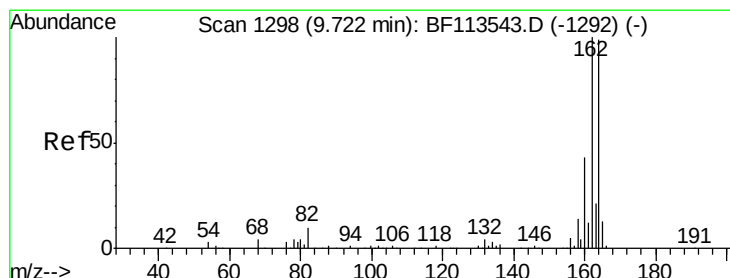
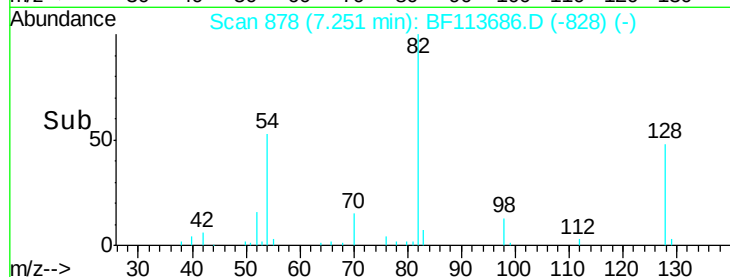
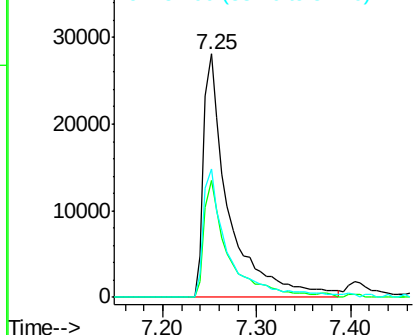
#23
 Nitrobenzene-d5
 Concen: 6.961 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113686.D
 Acq: 10 Apr 2019 5:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 52804
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.5 54.7
 54 52.7 42.2 63.2

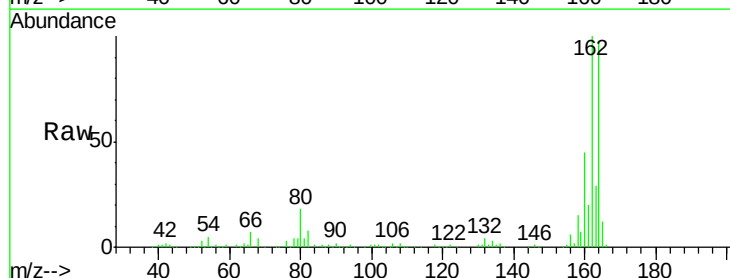


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

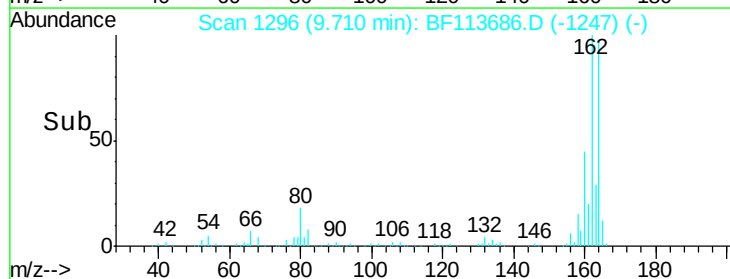
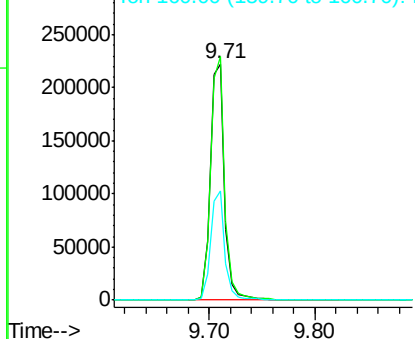


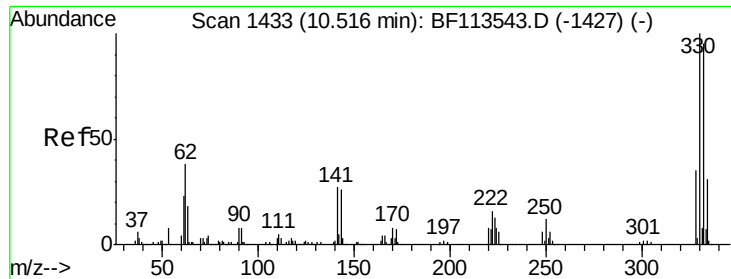
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113686.D
 Acq: 10 Apr 2019 5:38

Tgt Ion:164 Resp: 209865
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.8 122.6
 160 46.5 36.4 54.6



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

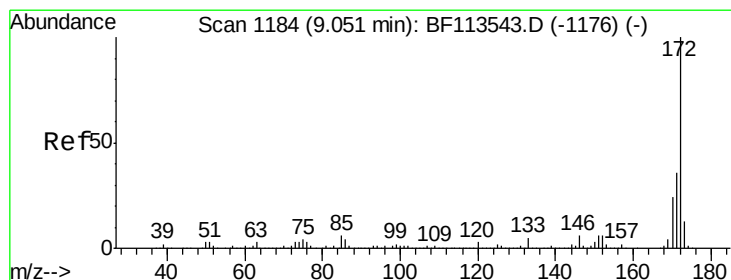
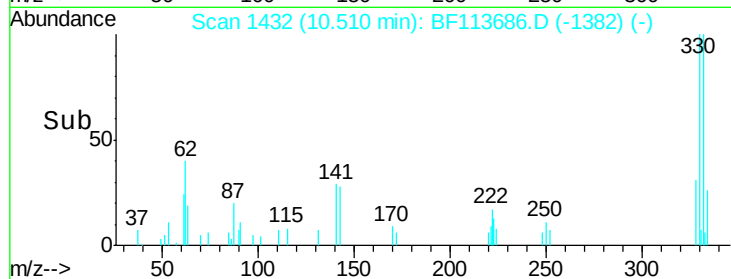
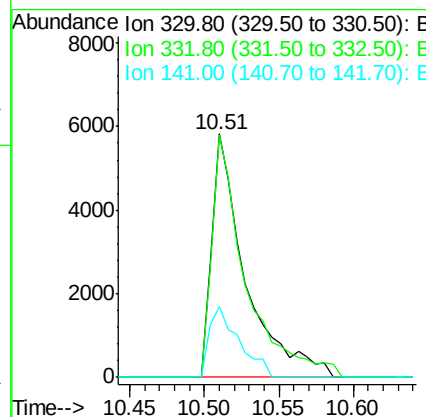
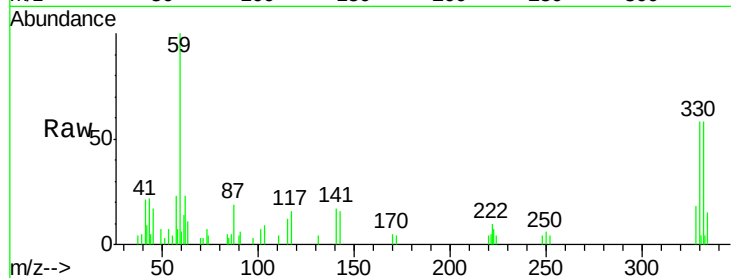




#42
 2,4,6-Tribromophenol
 Concen: 3.605 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113686.D
 Acq: 10 Apr 2019 5:38

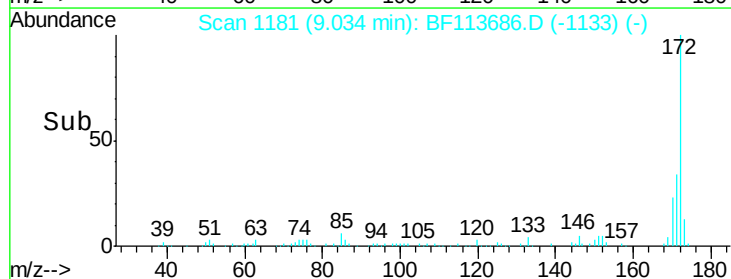
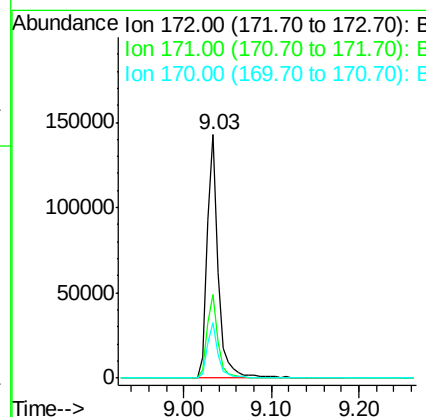
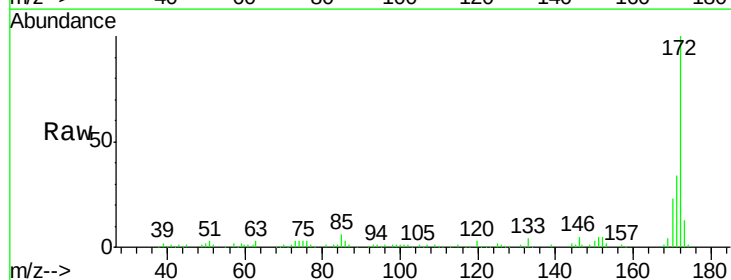
Instrument :
 BNA_F
 ClientSampleId :

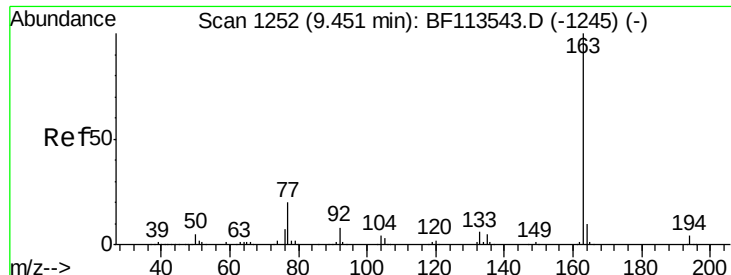
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.8	116.6
141	25.6	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 9.732 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113686.D
 Acq: 10 Apr 2019 5:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.0	43.6
170	22.7	19.5	29.3





#50

Dimethylphthalate

Concen: 3.543 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.26 min

Lab File: BF113686.D

Acq: 10 Apr 2019 5:38

Instrument :

BNA_F

ClientSampleId :

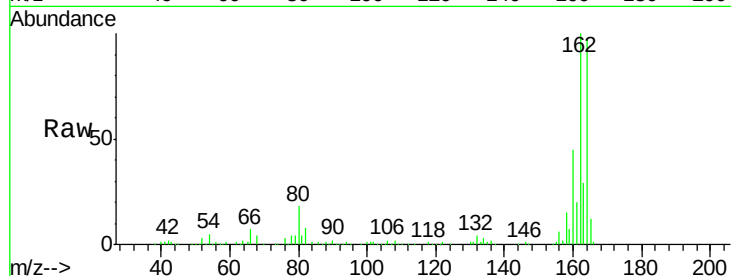
Tot Ion:163 Resp: 54815

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

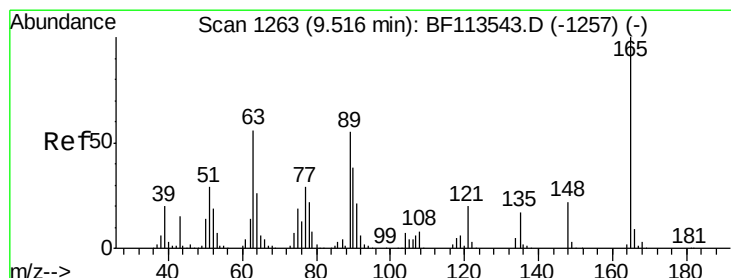
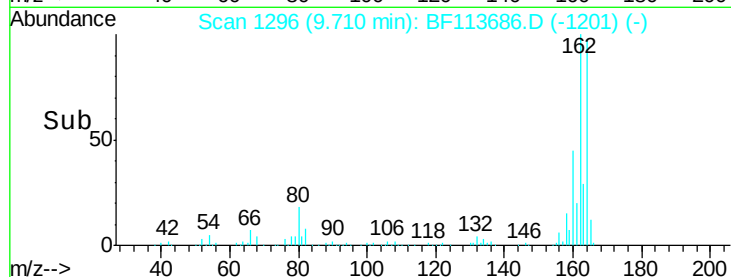
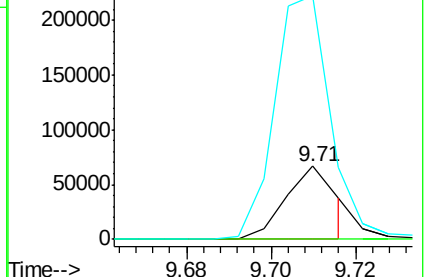
164 334.0 8.1 12.1#



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



#51

2,6-Dinitrotoluene

Concen: 7.794 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.19 min

Lab File: BF113686.D

Acq: 10 Apr 2019 5:38

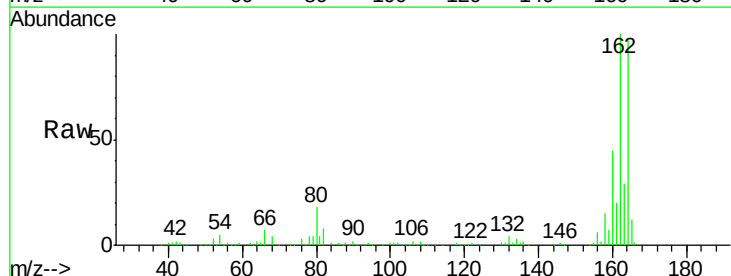
Tgt Ion:165 Resp: 26579

Ion Ratio Lower Upper

165 100

63 1.3 43.4 65.0#

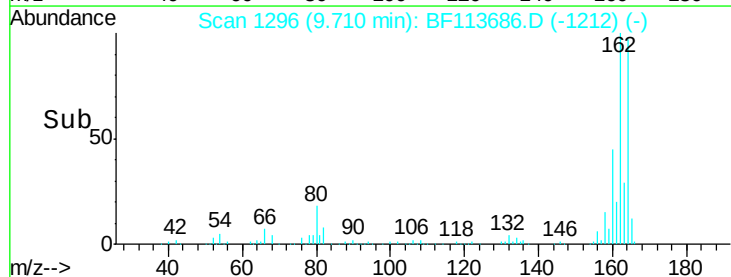
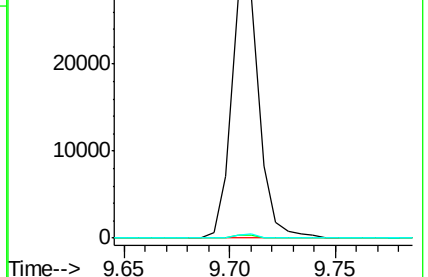
89 1.8 43.1 64.7#

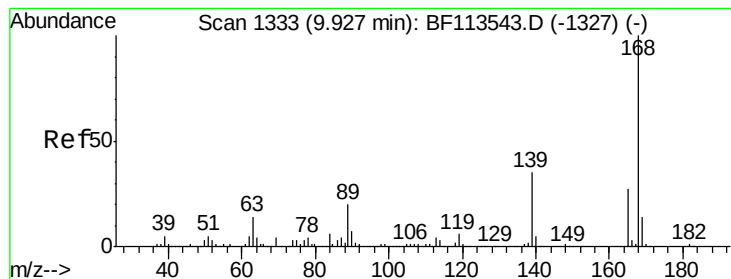


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.445 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113686.D

Acq: 10 Apr 2019 5:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 26579

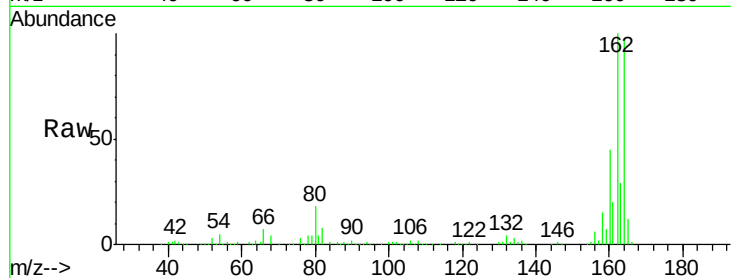
Ion Ratio Lower Upper

165 100

63 1.3 37.5 56.3#

89 1.8 57.4 86.2#

182 0.0 2.0 3.0#

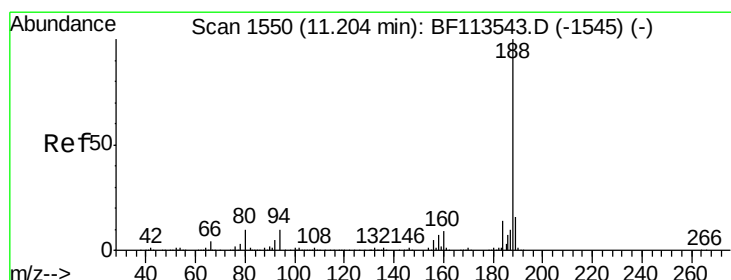
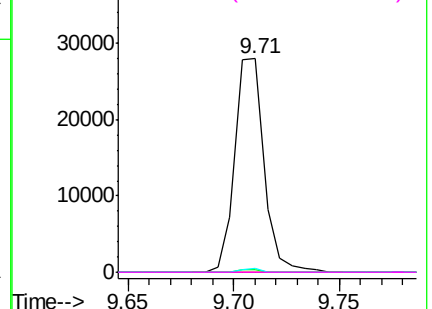
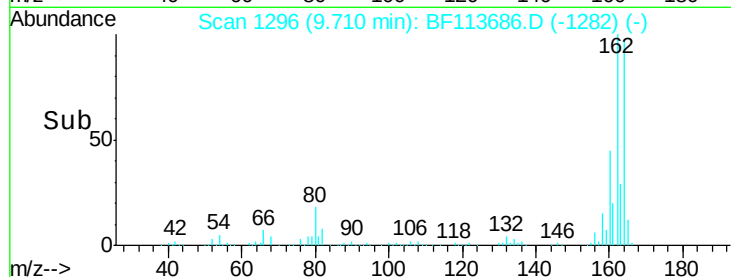


Abundance Ion 165.00 (164.70 to 165.70): E

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# 1547

Delta R.T. -0.02 min

Lab File: BF113686.D

Acq: 10 Apr 2019 5:38

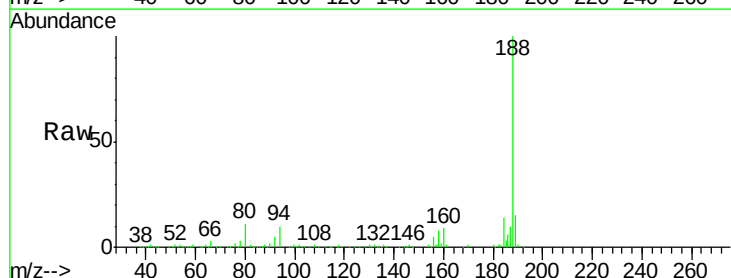
Tgt Ion:188 Resp: 392075

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

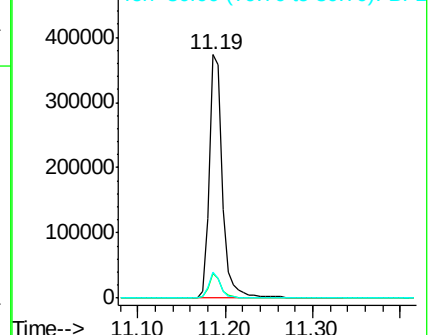
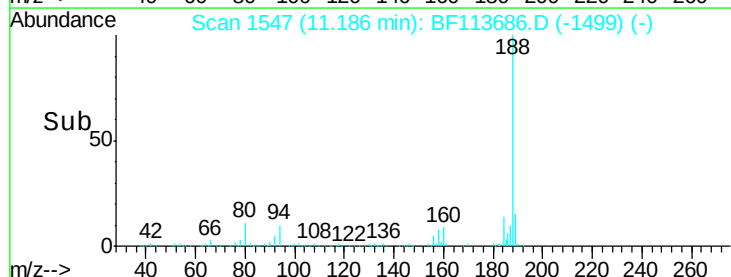
80 10.5 7.7 11.5

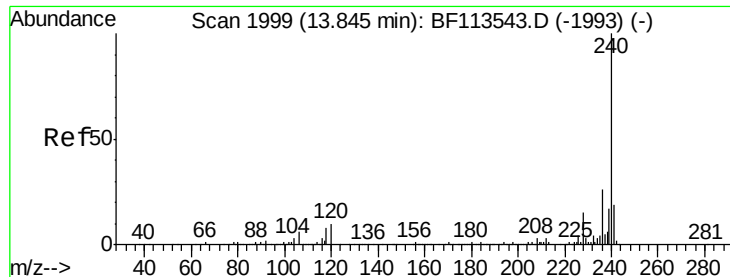


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

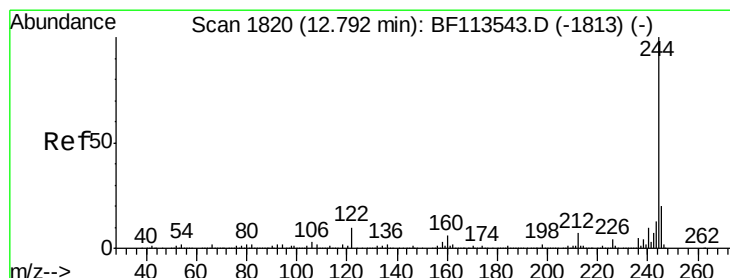
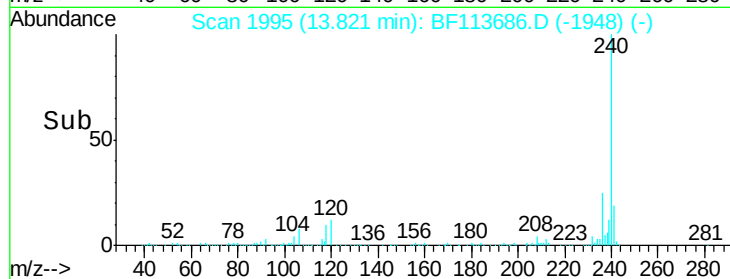
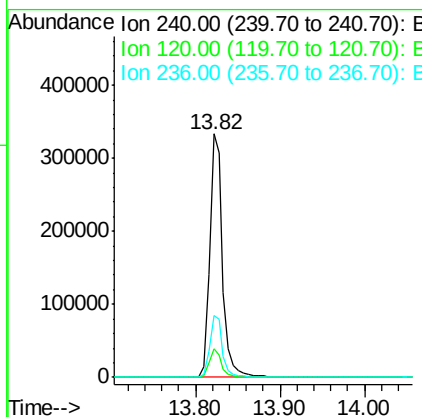
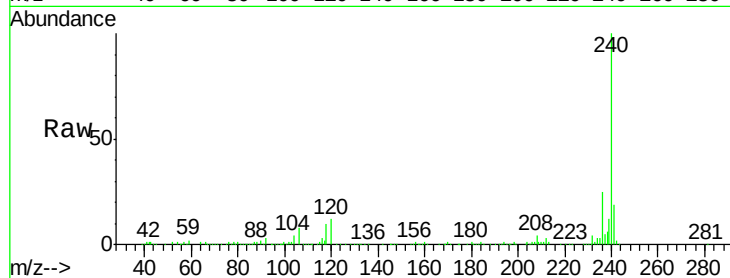




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF113686.D
 Acq: 10 Apr 2019 5:38

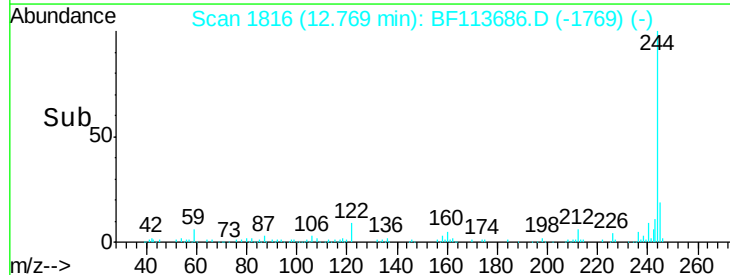
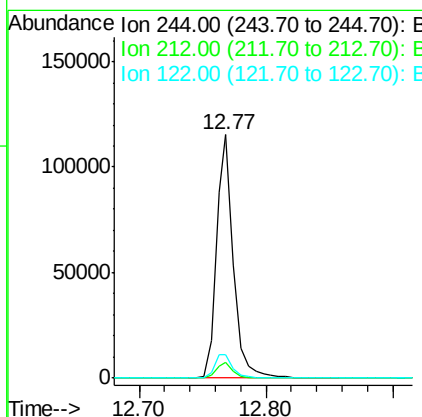
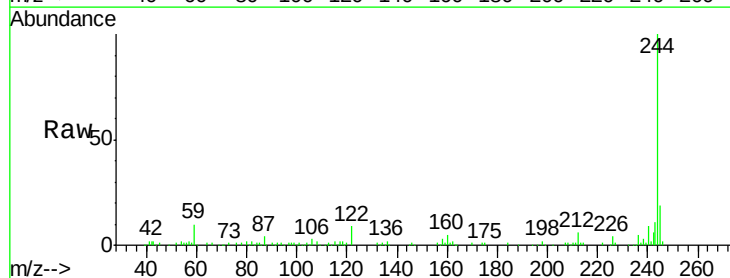
Instrument :
 BNA_F
 ClientSampleId :

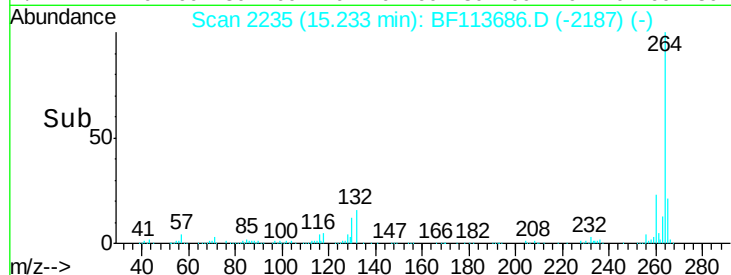
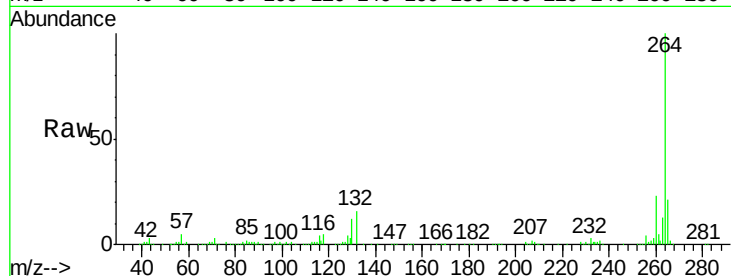
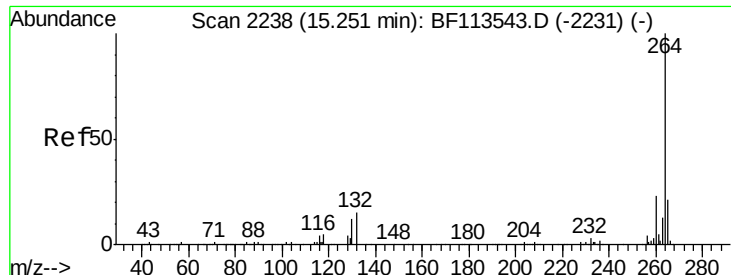
Tot Ion:240 Resp: 352917
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.8 13.2
 236 25.2 20.9 31.3



#79
 Terphenyl-d14
 Concen: 6.225 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113686.D
 Acq: 10 Apr 2019 5:38

Tgt Ion:244 Resp: 107907
 Ion Ratio Lower Upper
 244 100
 212 6.2 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: BF113686.D
 Acq: 10 Apr 2019 5:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	341734
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.5	17.1	25.7

