

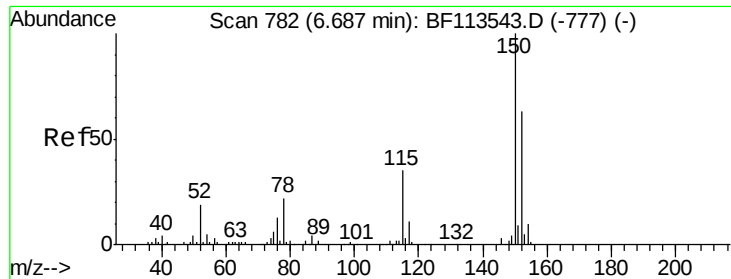
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113693.D
 Acq On : 10 Apr 2019 10:31
 Operator : JU/SJ
 Sample : K2332-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 11:39:28 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	104928	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	381024	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	170306	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	297849	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	280473	20.00	ng	-0.02
87) Perylene-d12	15.23	264	269181	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	240855	39.14	ng	0.00
7) Phenol-d6	6.35	99	196710	25.94	ng	0.00
23) Nitrobenzene-d5	7.25	82	541603	83.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	153515	75.04	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	999775	94.51	ng	-0.02
79) Terphenyl-d14	12.77	244	778930	56.54	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	70846	15.149	ng	Qvalue # 79
27) 2,4-Dimethylphenol	7.77	122	16748	3.249	ng	# 5
32) Benzoic acid	7.77	122	16748	4.196	ng	96
50) Dimethylphthalate	9.43	163	31093	2.477	ng	99
57) 2,4-Dinitrotoluene	9.71	165	21561	6.442	ng	# 25
67) 4-Bromophenyl-phenylether	10.51	248	8684	2.600	ng	# 1

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

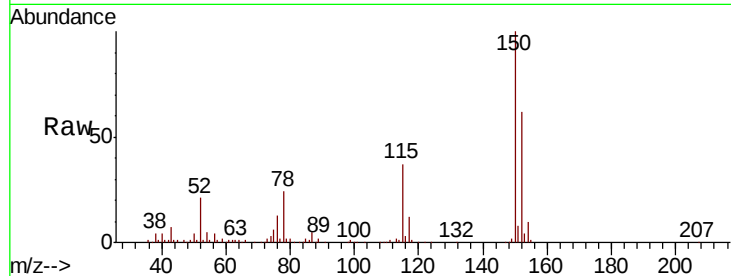


#1

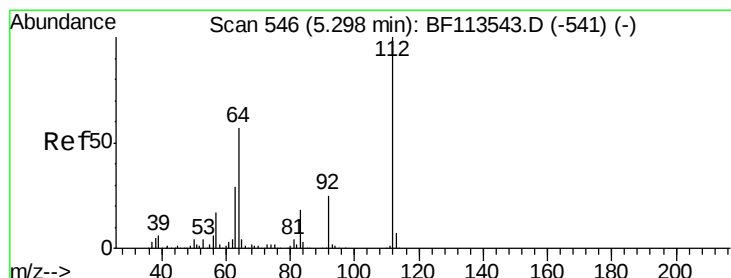
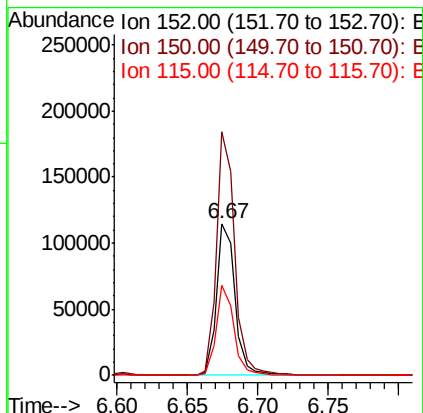
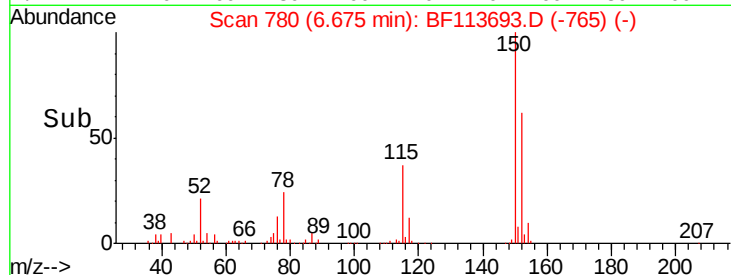
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113693.D
Acq: 10 Apr 2019 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.7	187.1
115	59.2	46.0	69.0



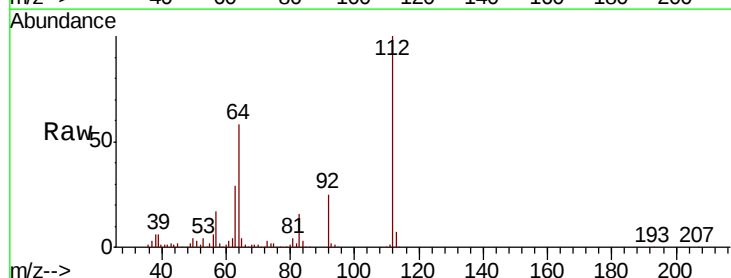
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



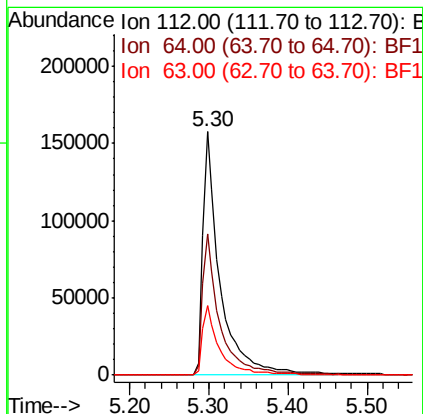
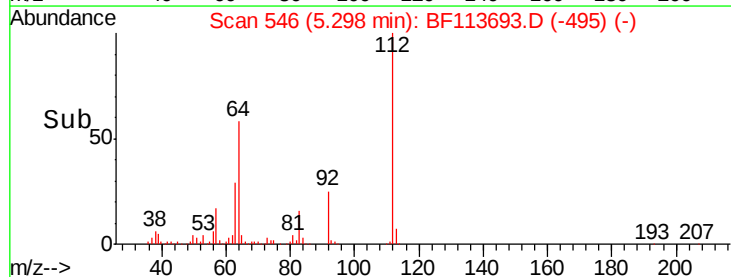
#5

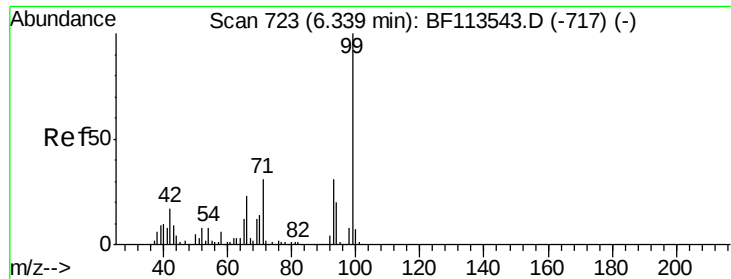
2-Fluorophenol
Concen: 39.142 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113693.D
Acq: 10 Apr 2019 10:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	49.2	73.8
63	28.5	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: 25.938 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113693.D

Acq: 10 Apr 2019 10:31

Instrument :

BNA_F

ClientSampleId :

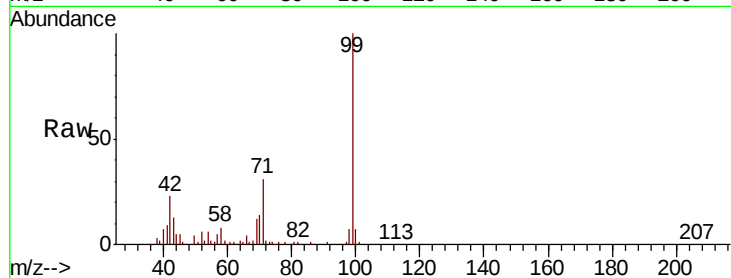
Tot Ion: 99 Resp: 196710

Ion Ratio Lower Upper

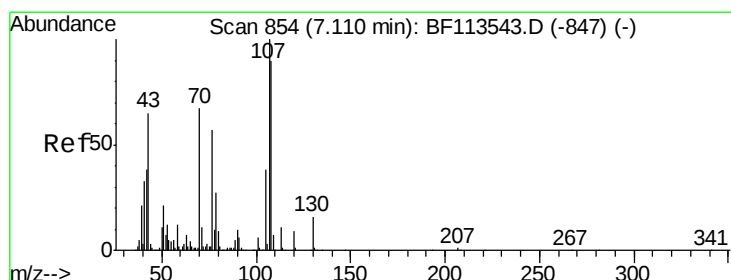
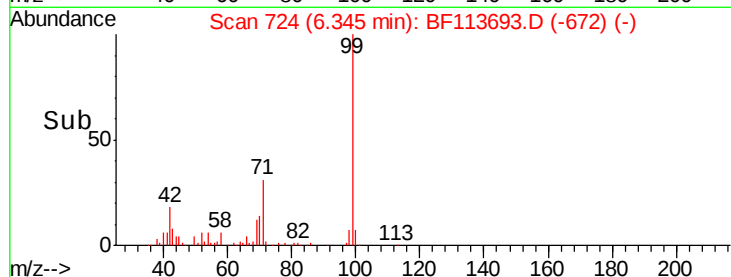
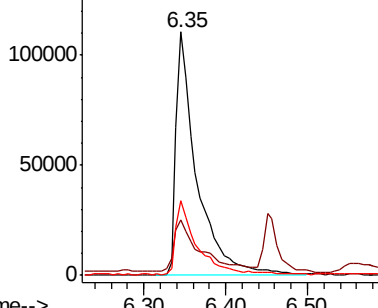
99 100

42 22.8 14.8 22.2#

71 30.9 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: 15.149 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113693.D

Acq: 10 Apr 2019 10:31

Tgt Ion: 70 Resp: 70846

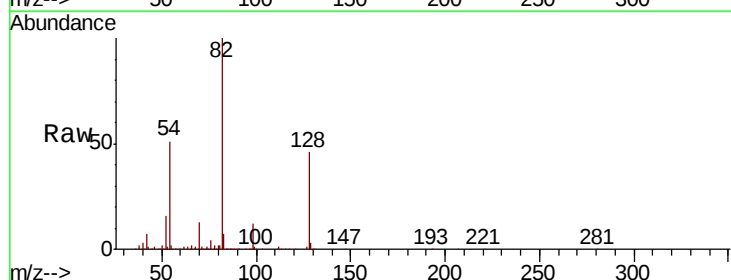
Ion Ratio Lower Upper

70 100

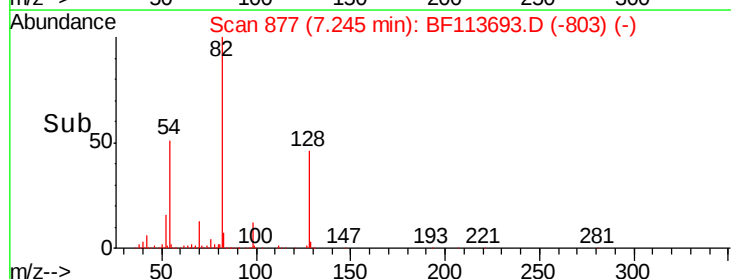
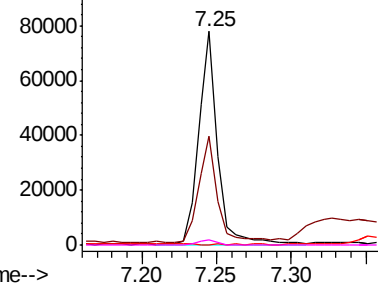
42 51.0 48.4 72.6

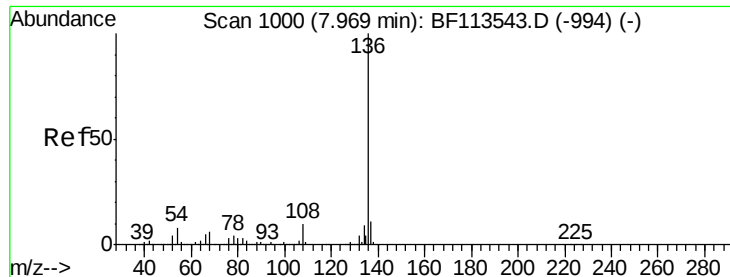
101 0.0 7.8 11.8#

130 2.4 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: BF113693.D

Acq: 10 Apr 2019 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 381024

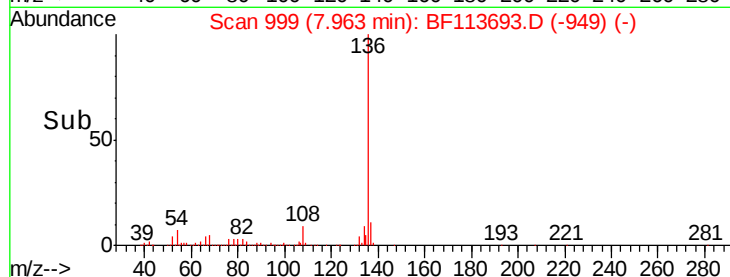
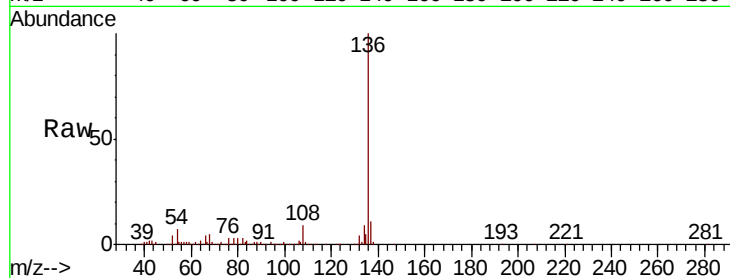
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.0 7.0 10.6#

68 5.2 4.8 7.2

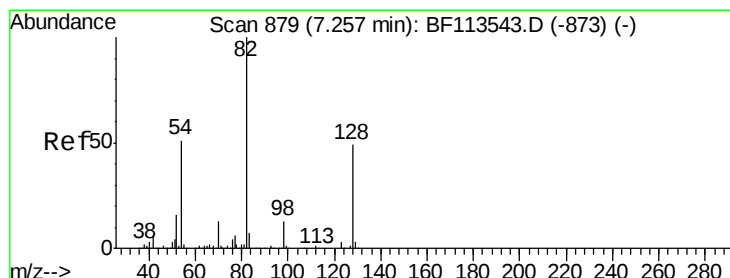
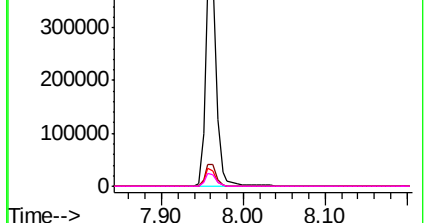


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.261 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113693.D

Acq: 10 Apr 2019 10:31

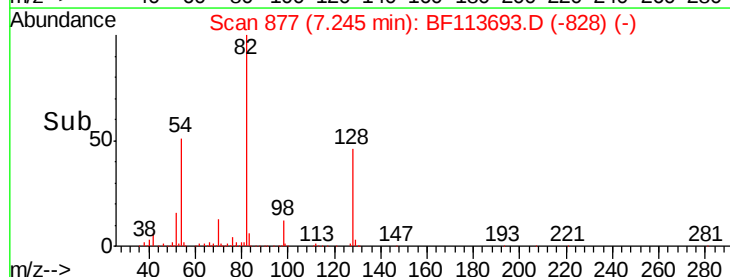
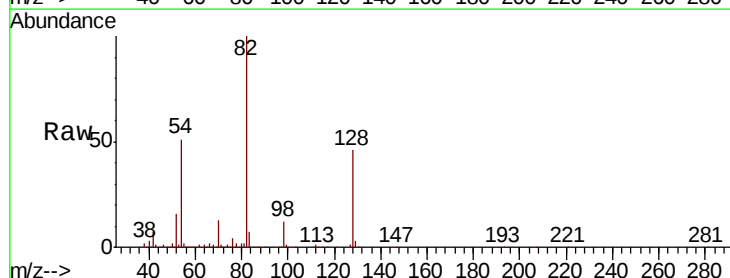
Tgt Ion: 82 Resp: 541603

Ion Ratio Lower Upper

82 100

128 46.4 36.5 54.7

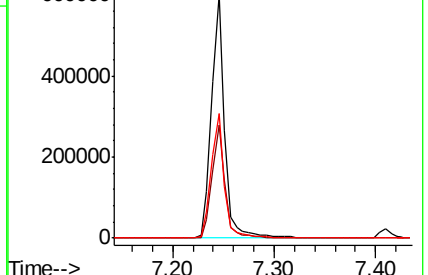
54 51.3 42.2 63.2

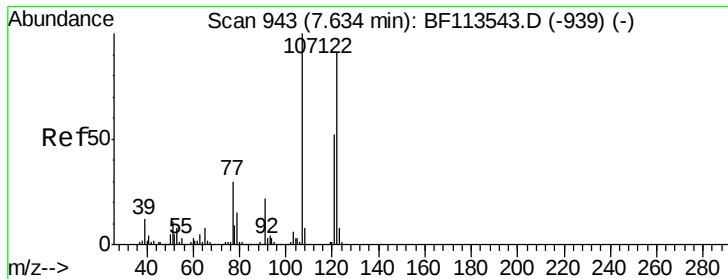


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

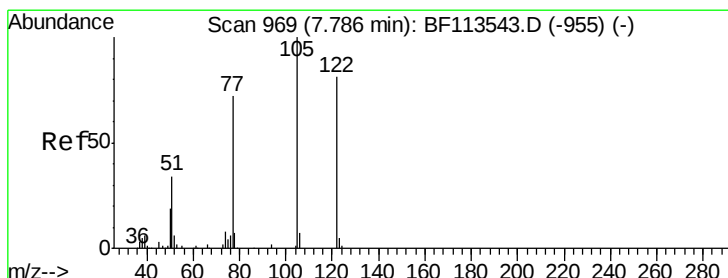
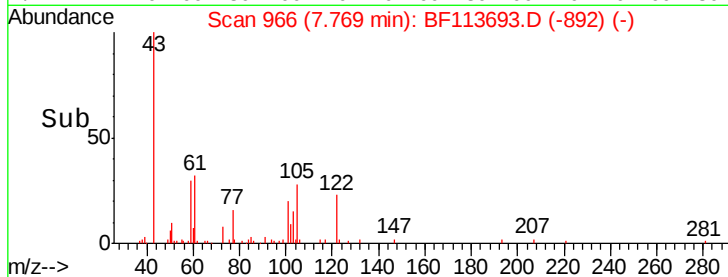
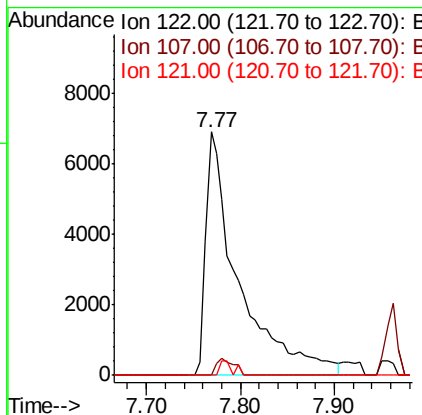
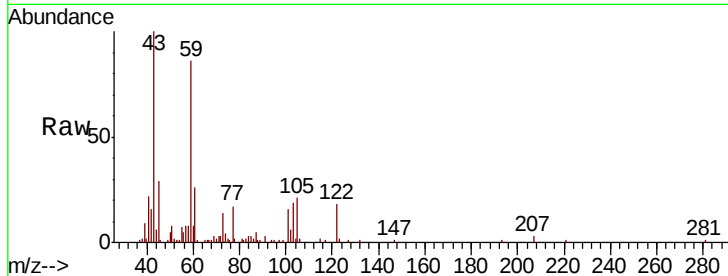




#27
2,4-Dimethylphenol
Concen: 3.249 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.14 min
Lab File: BF113693.D
Acq: 10 Apr 2019 10:31

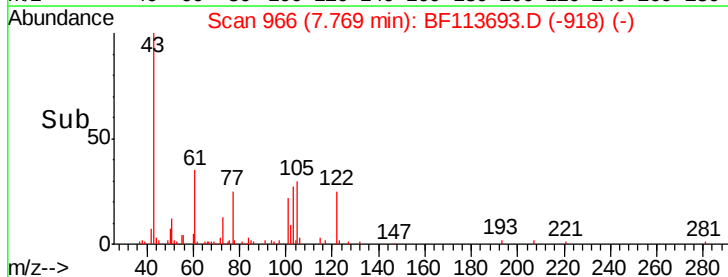
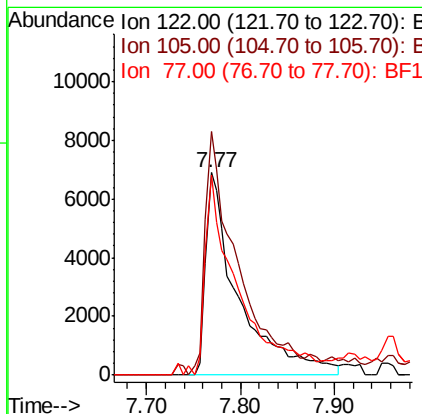
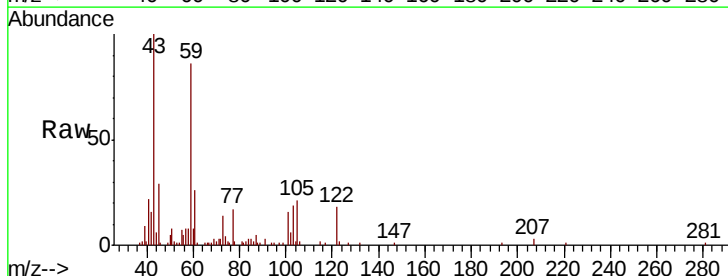
Instrument :
BNA_F
ClientSampleId :

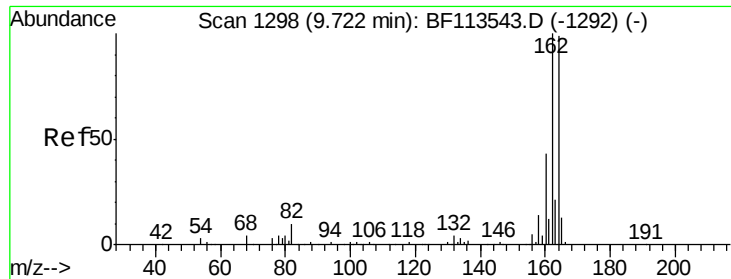
Tot Ion:122 Resp: 16748
Ion Ratio Lower Upper
122 100
107 0.0 88.8 133.2#
121 0.0 45.5 68.3#



#32
Benzoic acid
Concen: 4.196 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF113693.D
Acq: 10 Apr 2019 10:31

Tgt Ion:122 Resp: 16748
Ion Ratio Lower Upper
122 100
105 120.4 100.4 140.4
77 98.7 69.0 109.0

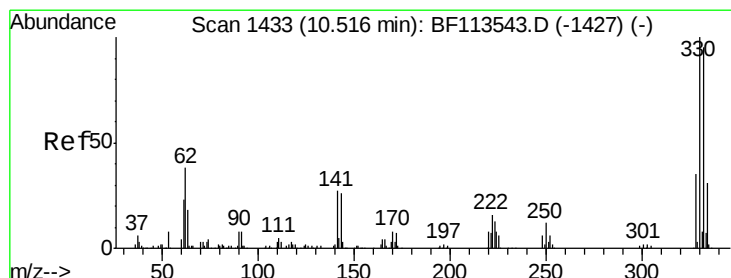
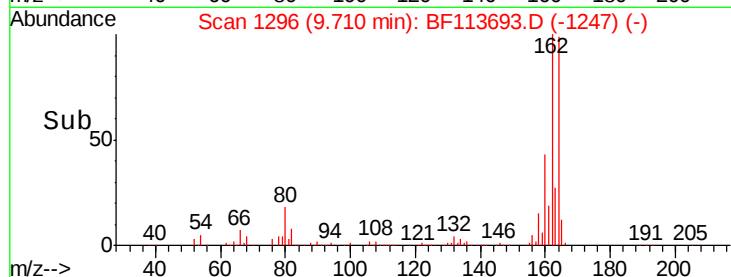
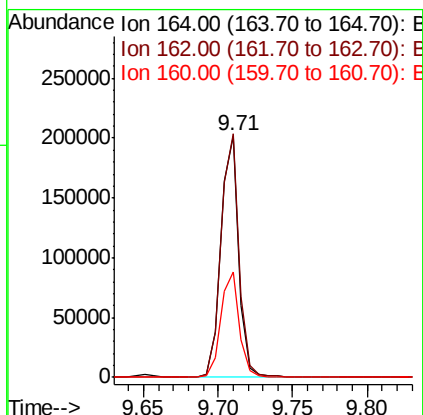
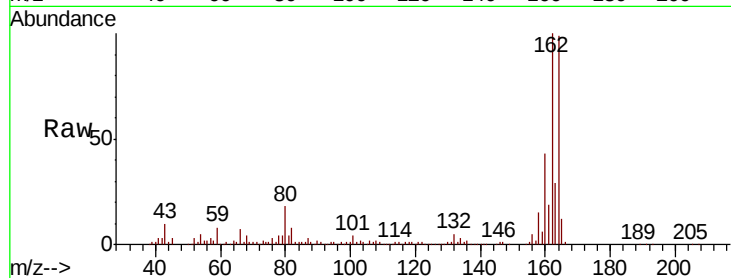




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113693.D
 Acq: 10 Apr 2019 10:31

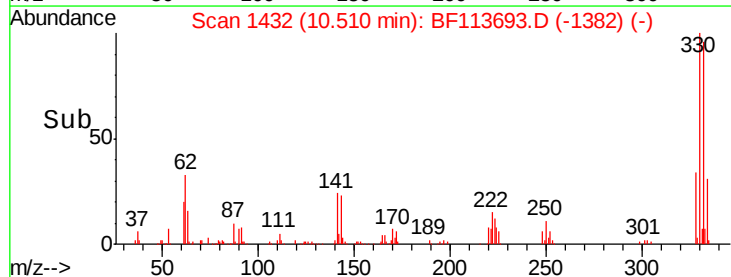
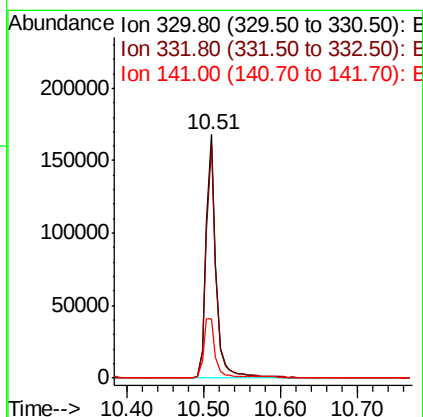
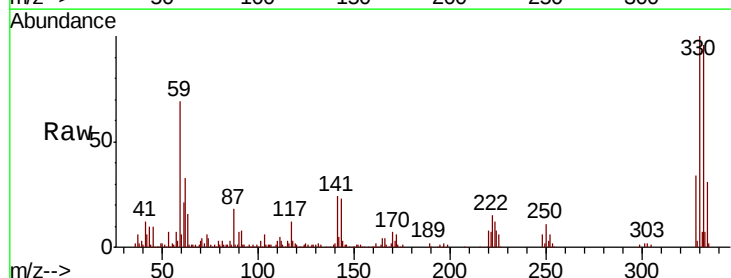
Instrument :
 BNA_F
 ClientSampleId :

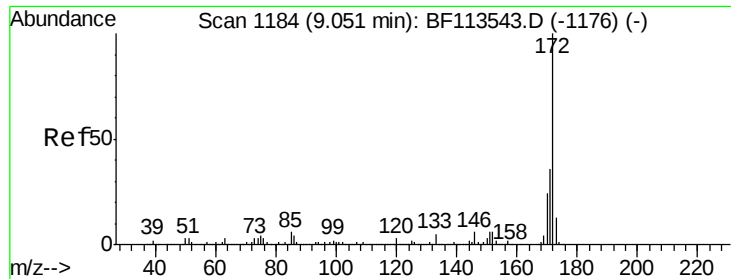
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	43.8	36.4	54.6



#42
 2,4,6-Tribromophenol
 Concen: 75.039 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113693.D
 Acq: 10 Apr 2019 10:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.8	116.6
141	28.9	22.7	34.1

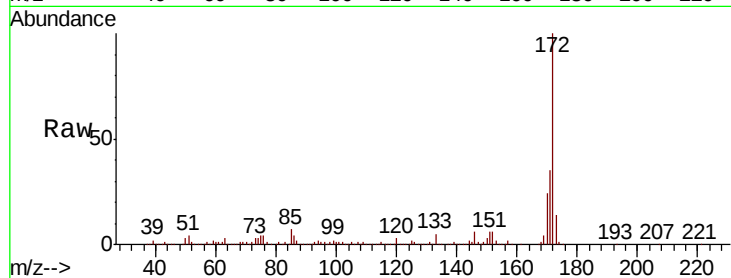




#45
2-Fluorobiphenyl
Concen: 94.508 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113693.D
Acq: 10 Apr 2019 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.6
170	23.5	19.5	29.3

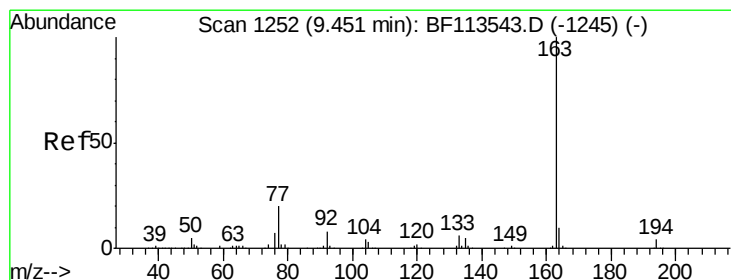
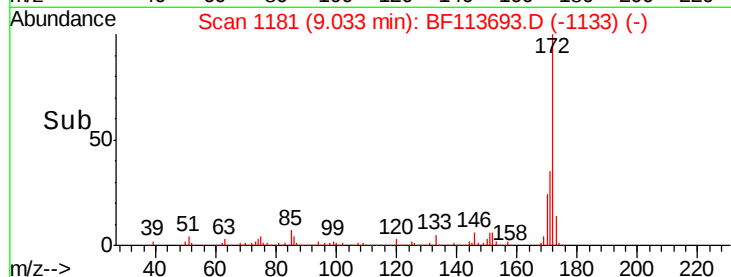
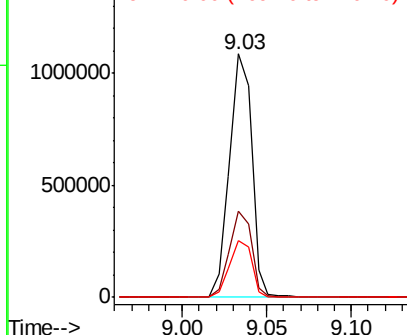


Abundance

Ion 172.00 (171.70 to 172.70): E

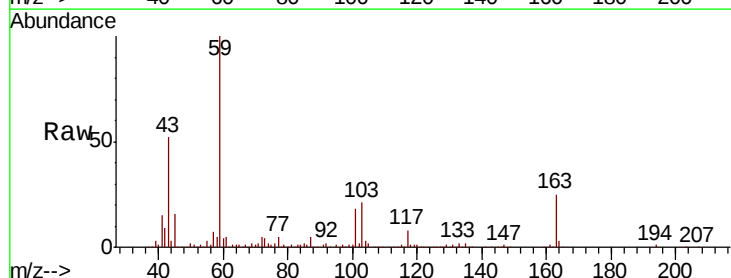
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 2.477 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113693.D
Acq: 10 Apr 2019 10:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.6	8.1	12.1

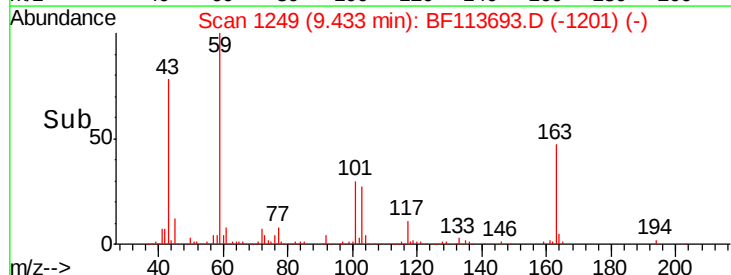
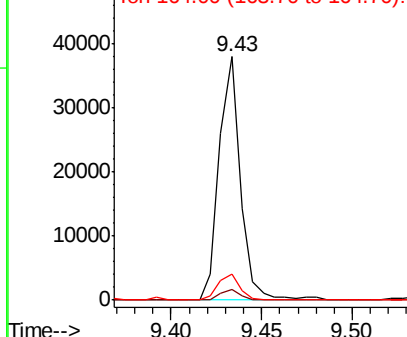


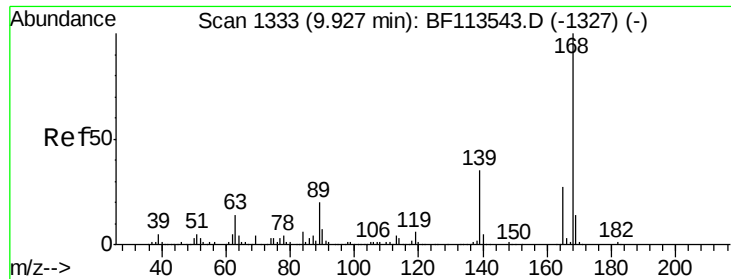
Abundance

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

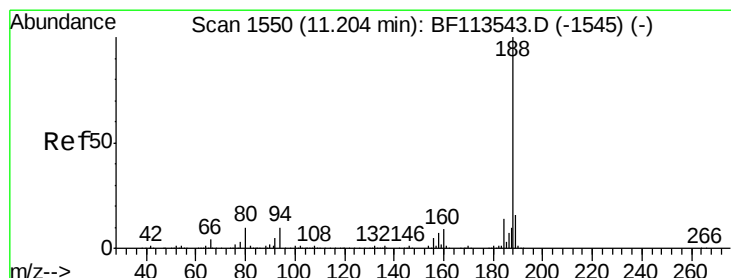
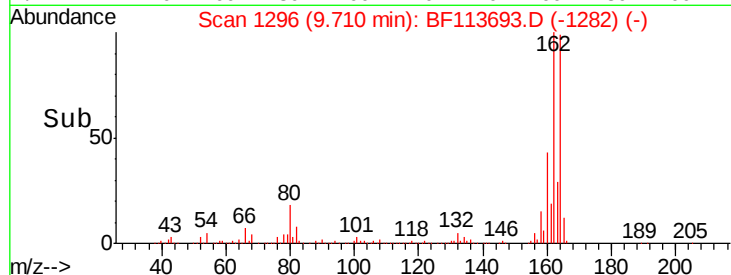
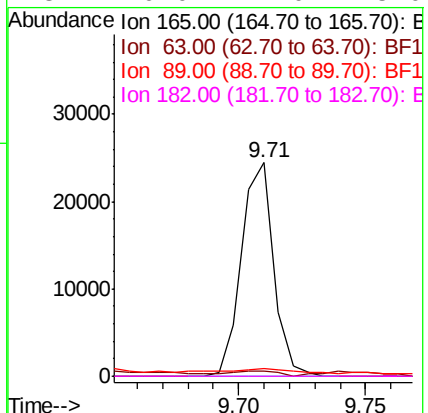
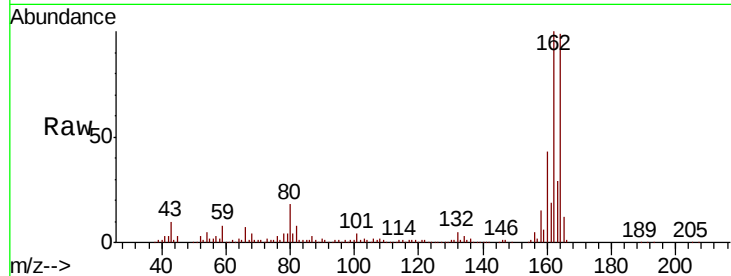




#57
 2,4-Dinitrotoluene
 Concen: 6.442 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113693.D
 Acq: 10 Apr 2019 10:31

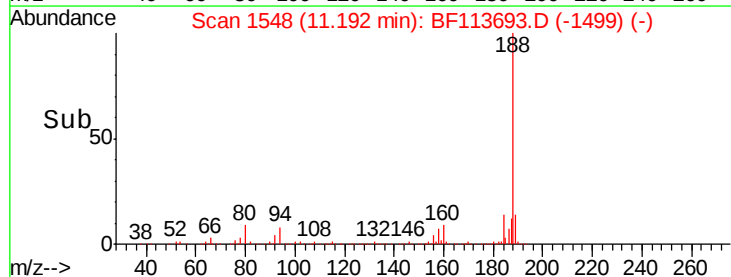
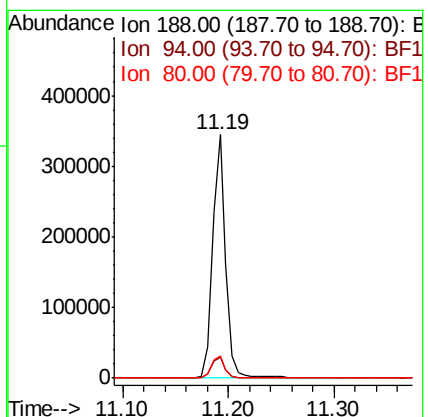
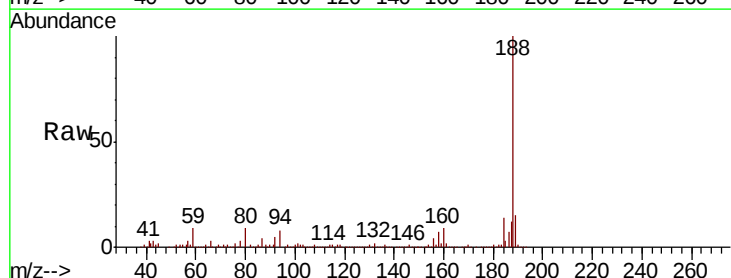
Instrument :
 BNA_F
 ClientSampleId :

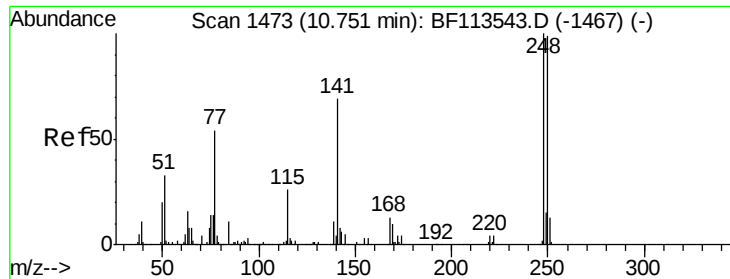
Tot Ion:	165	Resp:	21561
Ion	Ratio	Lower	Upper
165	100		
63	2.4	37.5	56.3#
89	3.6	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113693.D
 Acq: 10 Apr 2019 10:31

Tgt Ion:	188	Resp:	297849
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.6
80	9.0	7.7	11.5





#67

4-Bromophenyl-phenylether

Concen: 2.600 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.24 min

Lab File: BF113693.D

Acq: 10 Apr 2019 10:31

Instrument :

BNA_F

ClientSampled :

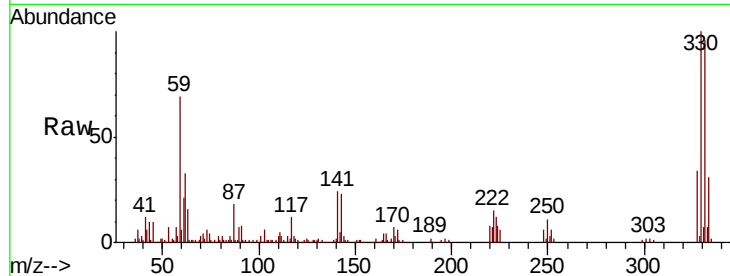
Tot Ion:248 Resp: 8684

Ion Ratio Lower Upper

248 100

250 202.2 78.3 117.5#

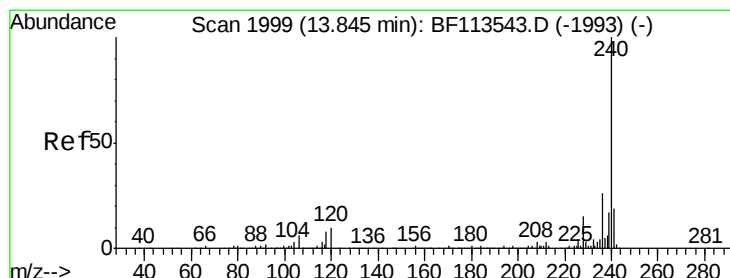
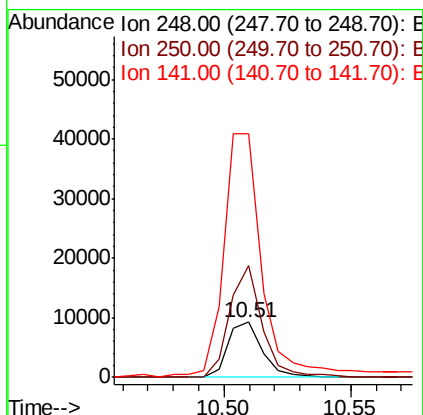
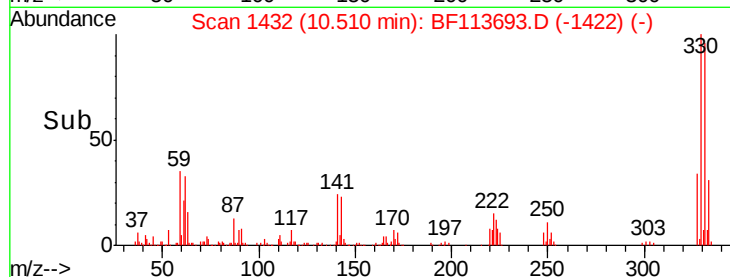
141 440.3 56.2 84.4#



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: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113693.D

Acq: 10 Apr 2019 10:31

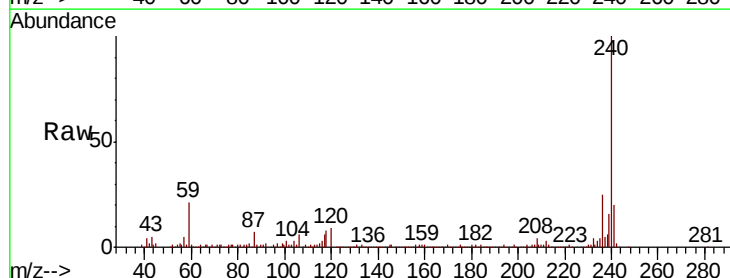
Tgt Ion:240 Resp: 280473

Ion Ratio Lower Upper

240 100

120 9.0 8.8 13.2

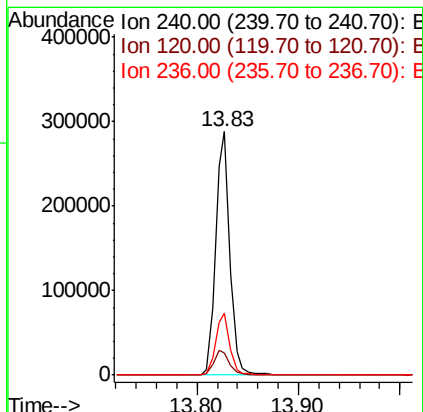
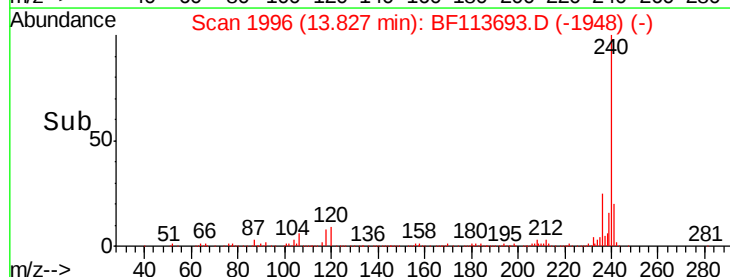
236 25.5 20.9 31.3

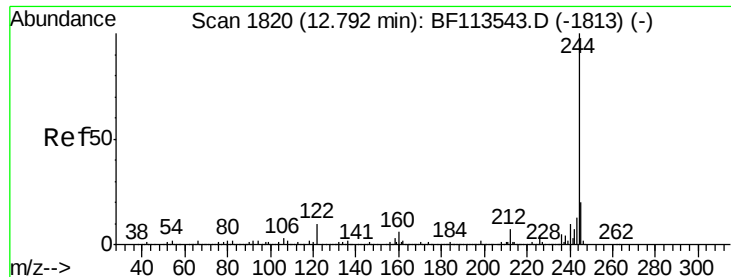


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

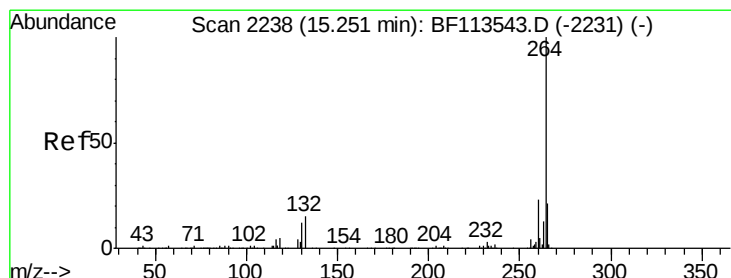
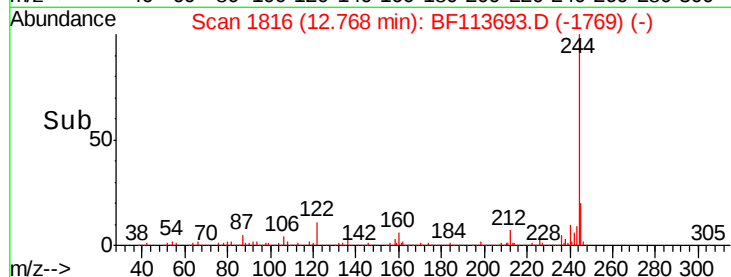
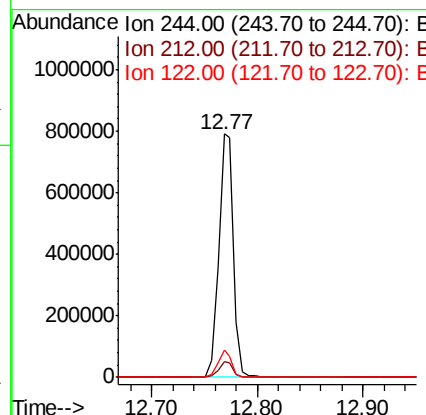
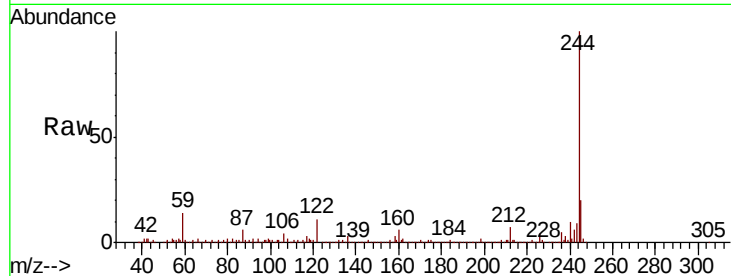




#79
 Terphenyl-d14
 Concen: 56.544 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113693.D
 Acq: 10 Apr 2019 10:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 778930
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.3 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113693.D
 Acq: 10 Apr 2019 10:31

Tgt Ion:264 Resp: 269181
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.3 17.1 25.7

