

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113601.D
 Acq On : 4 Apr 2019 23:58
 Operator : JU/SJ
 Sample : K2186-13 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:33:41 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

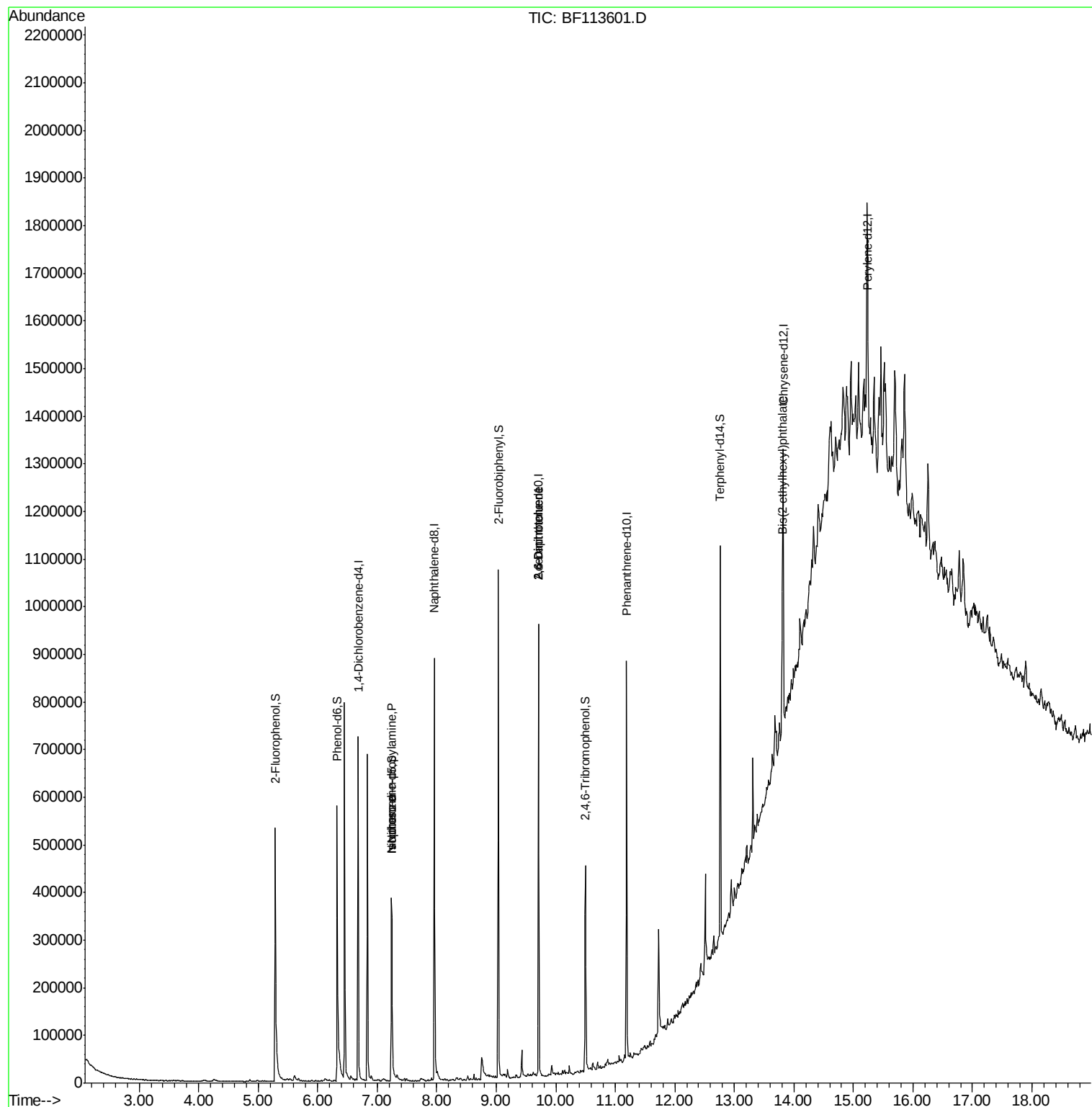
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	115162	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	418576	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	176763	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	324402	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	215990	20.00	ng	-0.02
87) Perylene-d12	15.23	264	153079	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	211341	31.29	ng	-0.01
7) Phenol-d6	6.33	99	276166	33.18	ng	-0.01
23) Nitrobenzene-d5	7.24	82	154025	21.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	59992	28.25	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	310597	28.29	ng	-0.02
79) Terphenyl-d14	12.76	244	291875	27.51	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	20519	3.998	ng	# 77
25) Isophorone	7.24	82	154040	11.190	ng	# 64
51) 2,6-Dinitrotoluene	9.71	165	22531	7.845	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	22531	6.486	ng	# 23
84) Bis(2-ethylhexyl)phthalate	13.80	149	85053	10.516	ng	# 97

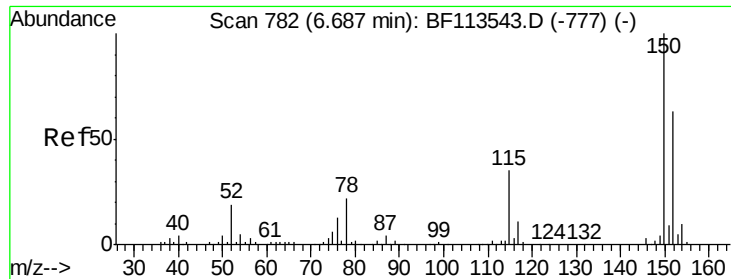
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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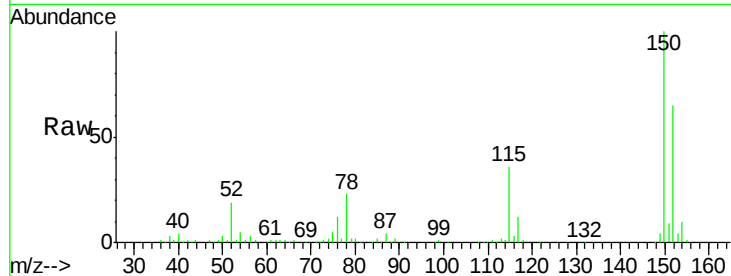


#1

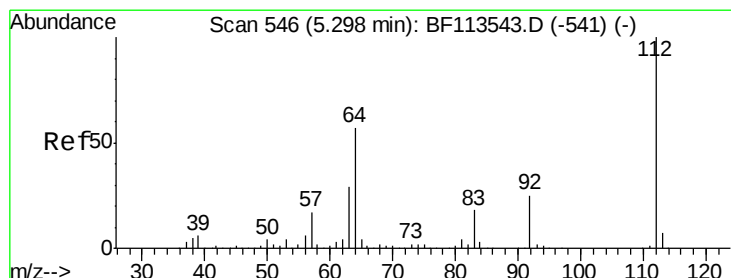
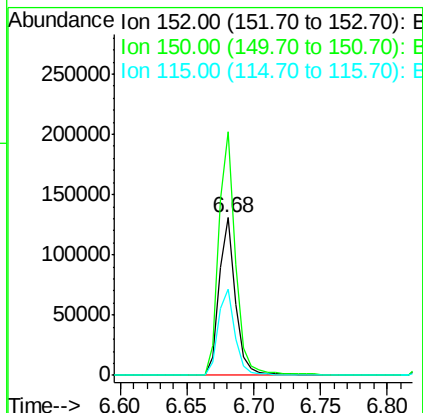
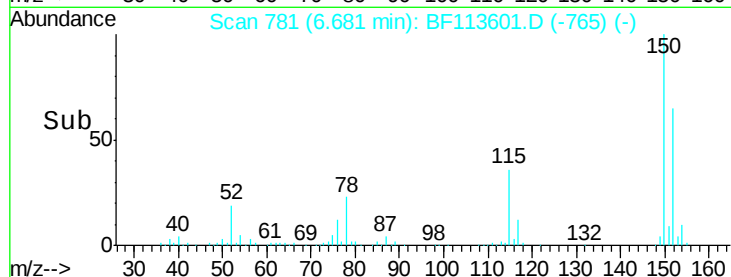
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113601.D
Acq: 4 Apr 2019 23:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 115162
Ion Ratio Lower Upper
152 100
150 154.5 124.7 187.1
115 54.8 46.0 69.0



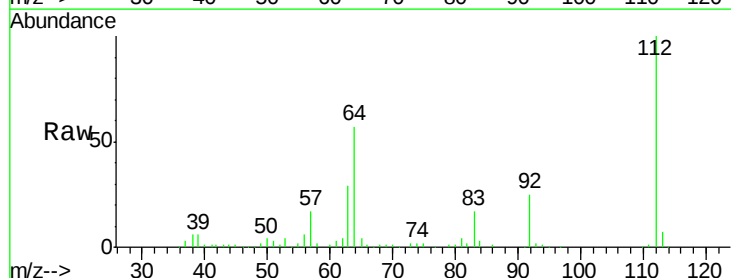
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



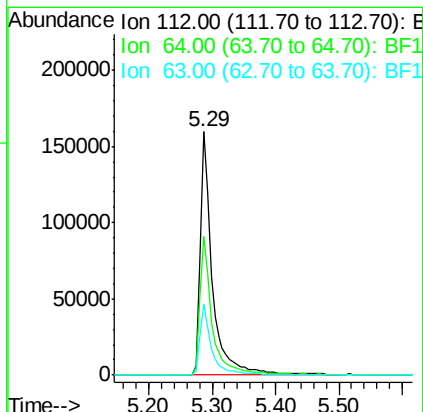
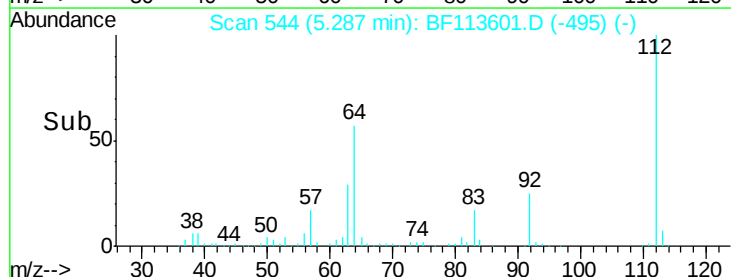
#5

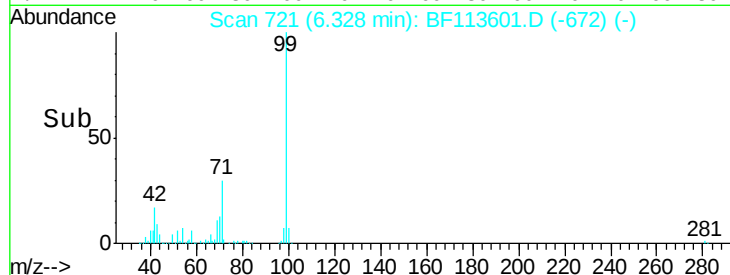
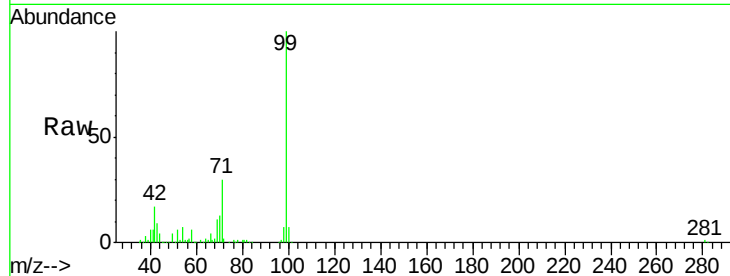
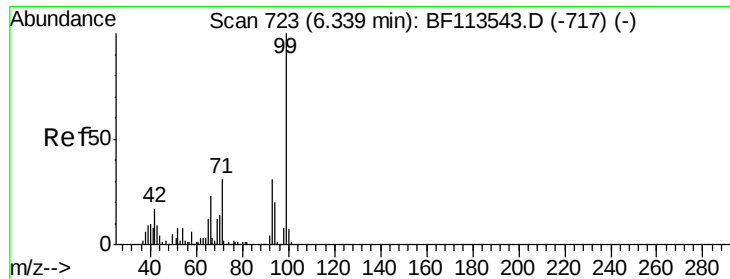
2-Fluorophenol
Concen: 31.294 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113601.D
Acq: 4 Apr 2019 23:58

Tgt Ion:112 Resp: 211341
Ion Ratio Lower Upper
112 100
64 57.2 49.2 73.8
63 28.9 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: 33.178 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113601.D

Acq: 4 Apr 2019 23:58

Instrument :

BNA_F

ClientSampled :

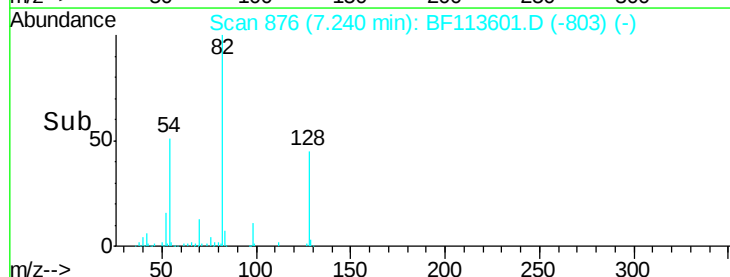
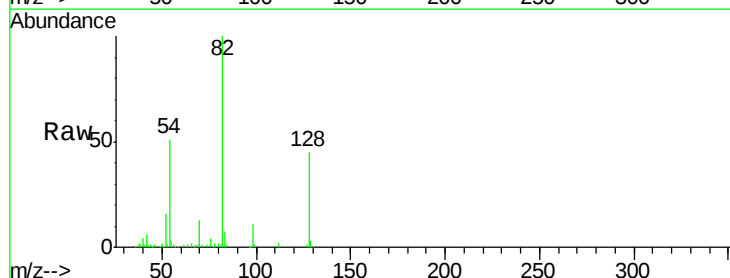
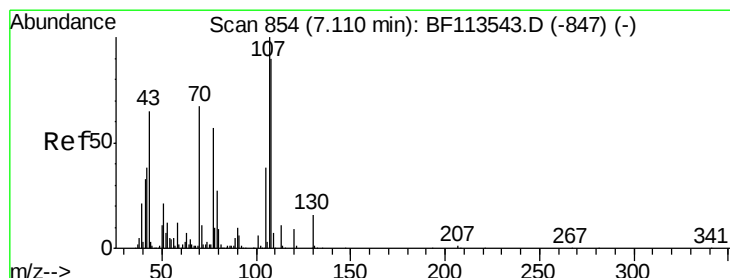
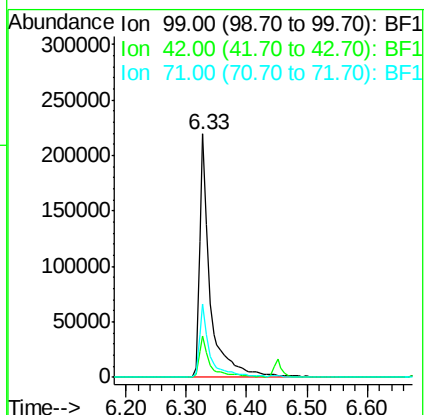
Tot Ion: 99 Resp: 276166

Ion Ratio Lower Upper

99 100

42 16.8 14.8 22.2

71 30.2 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 3.998 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113601.D

Acq: 4 Apr 2019 23:58

Tgt Ion: 70 Resp: 20519

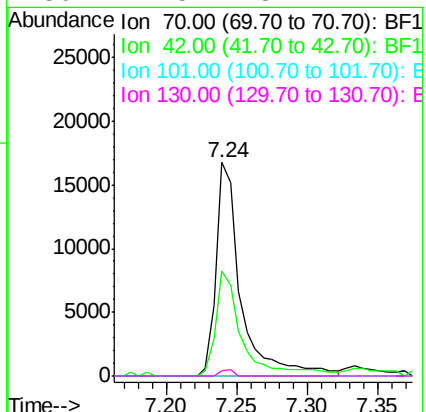
Ion Ratio Lower Upper

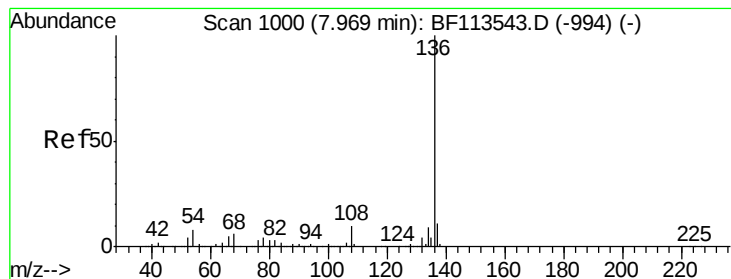
70 100

42 49.4 48.4 72.6

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113601.D

Acq: 4 Apr 2019 23:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 418576

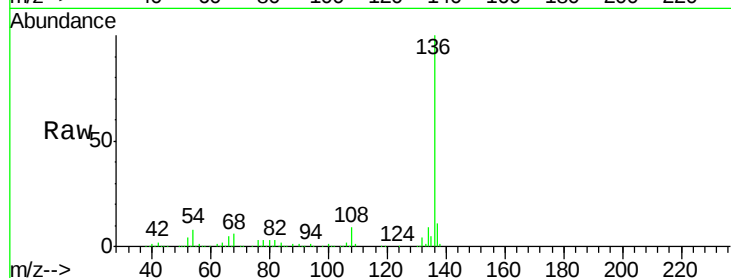
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 7.0 10.6

68 5.6 4.8 7.2

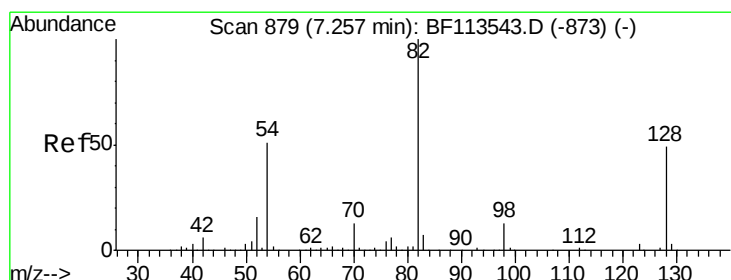
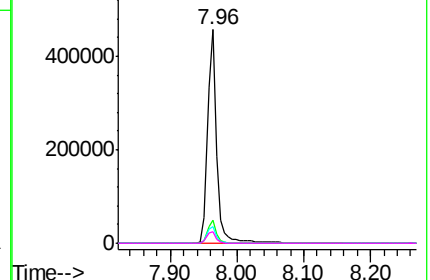
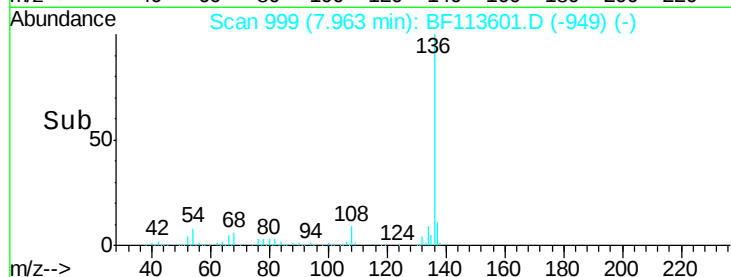


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.554 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113601.D

Acq: 4 Apr 2019 23:58

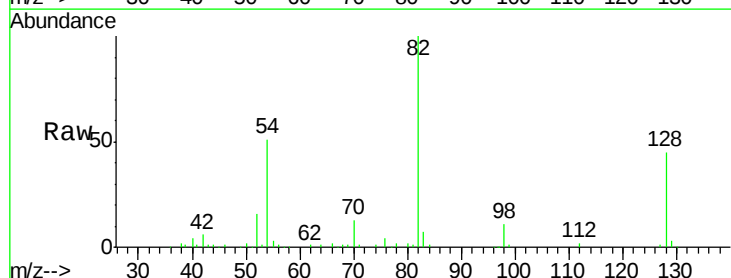
Tgt Ion: 82 Resp: 154025

Ion Ratio Lower Upper

82 100

128 44.9 36.5 54.7

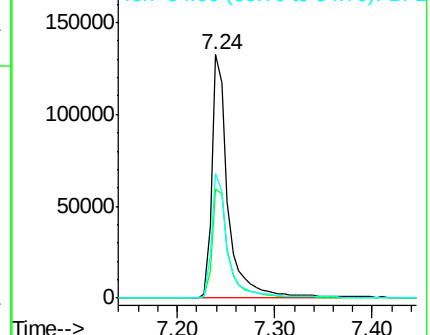
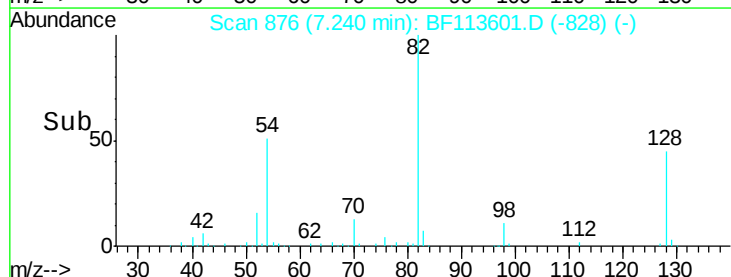
54 51.2 42.2 63.2

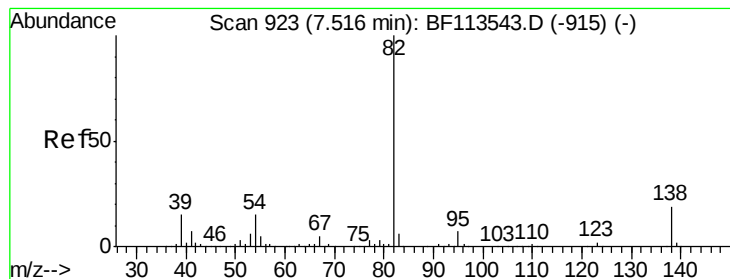


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 11.190 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113601.D

Acq: 4 Apr 2019 23:58

Instrument :

BNA_F

ClientSampleId :

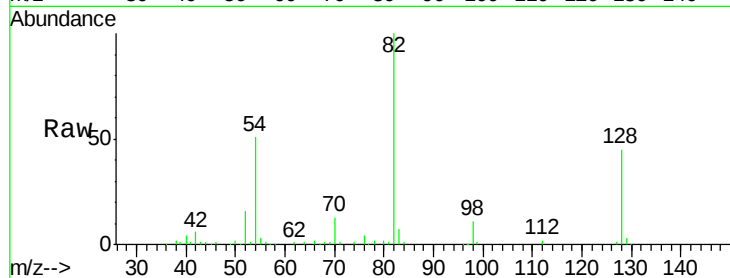
Tot Ion: 82 Resp: 154040

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

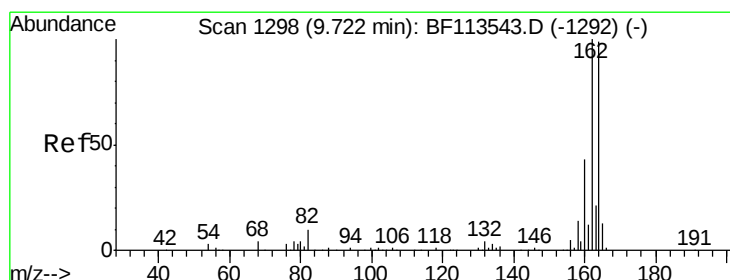
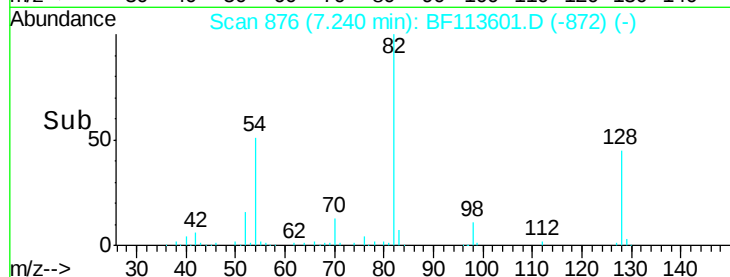
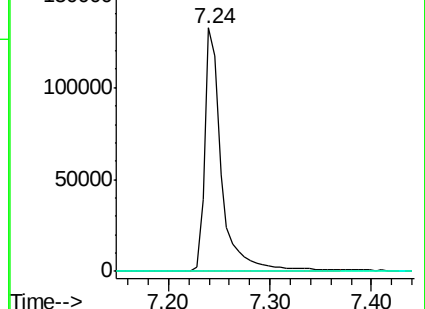
138 0.0 15.2 22.8#



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: BF113601.D

Acq: 4 Apr 2019 23:58

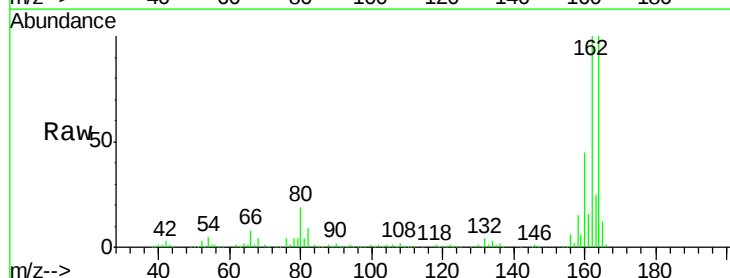
Tgt Ion:164 Resp: 176763

Ion Ratio Lower Upper

164 100

162 100.3 81.8 122.6

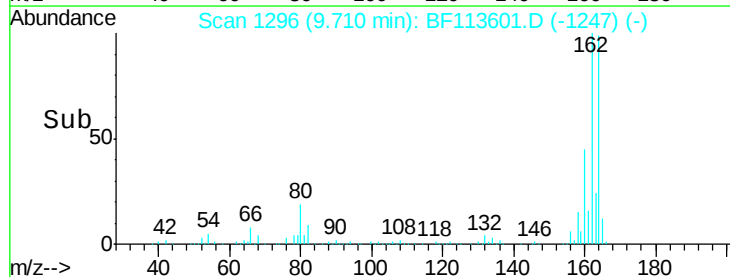
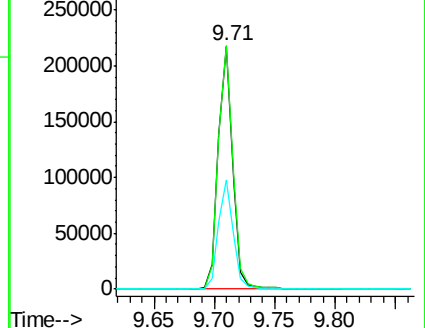
160 44.9 36.4 54.6

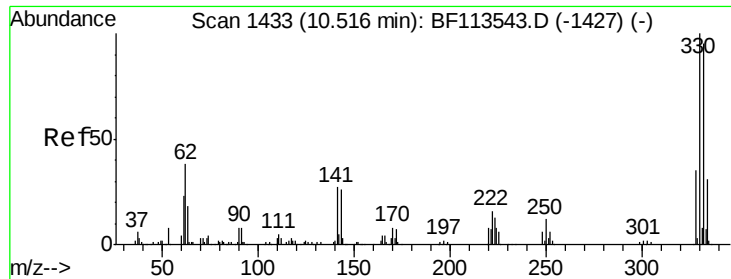


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

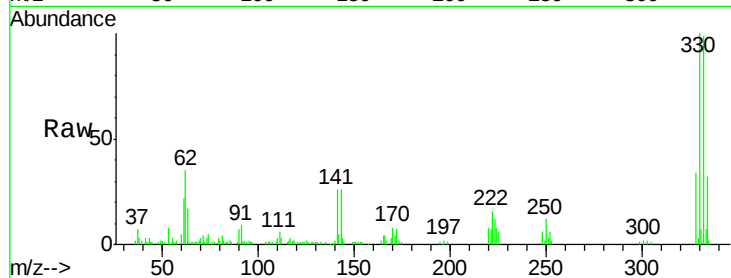




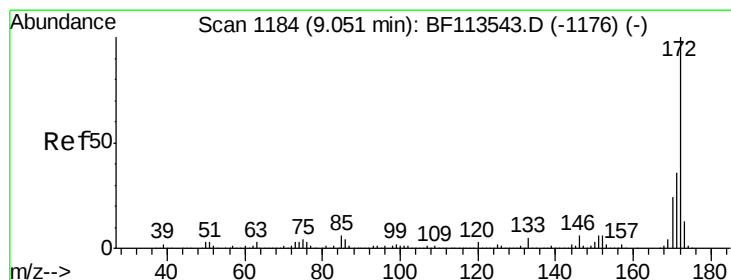
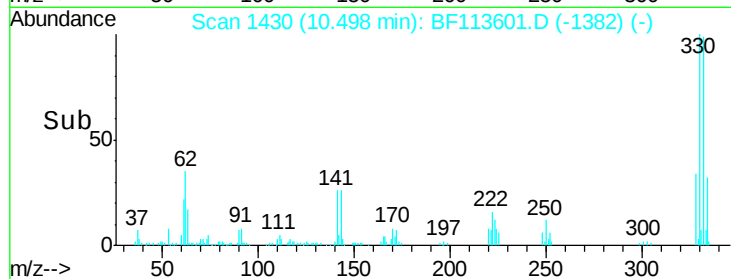
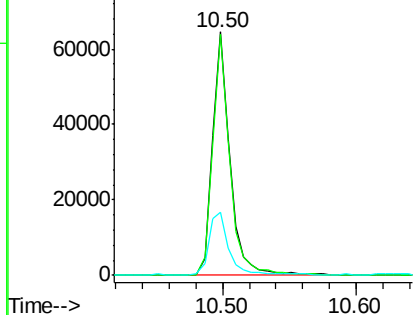
#42
 2,4,6-Tribromophenol
 Concen: 28.253 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113601.D
 Acq: 4 Apr 2019 23:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	29.2	22.7	34.1

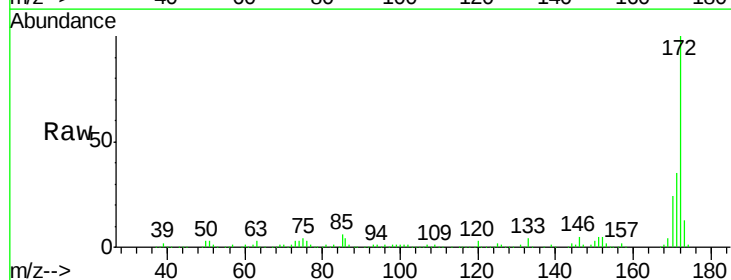


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

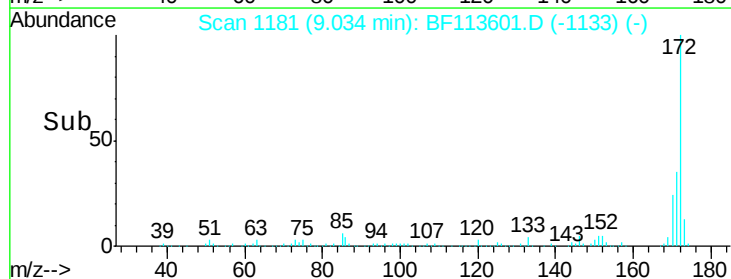
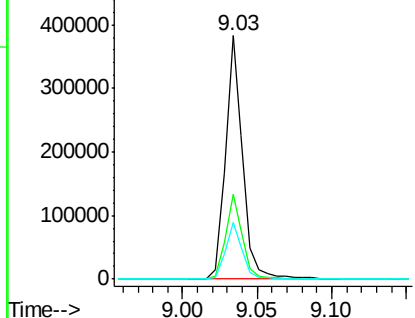


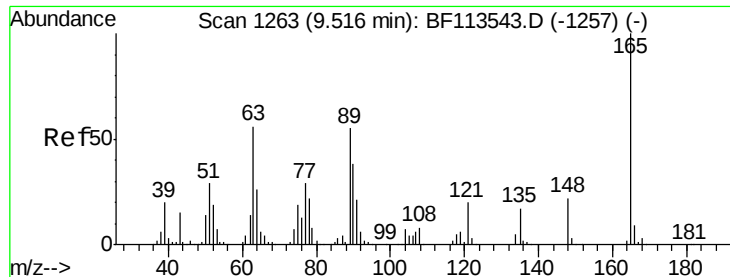
#45
 2-Fluorobiphenyl
 Concen: 28.288 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113601.D
 Acq: 4 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	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





#51

2,6-Dinitrotoluene

Concen: 7.845 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.19 min

Lab File: BF113601.D

Acq: 4 Apr 2019 23:58

Instrument :

BNA_F

ClientSampleId :

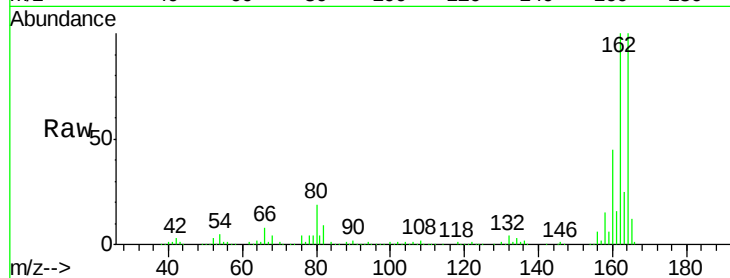
Tot Ion:165 Resp: 22531

Ion Ratio Lower Upper

165 100

63 1.4 43.4 65.0#

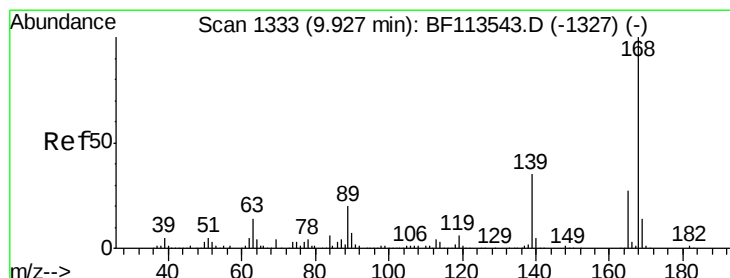
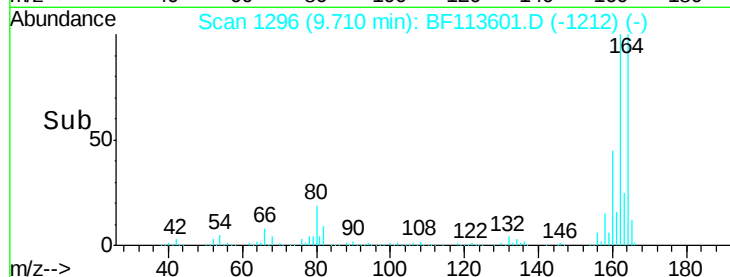
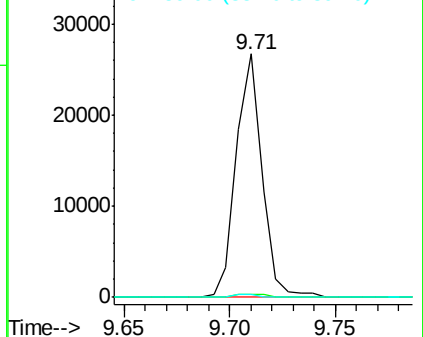
89 1.3 43.1 64.7#



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: 6.486 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113601.D

Acq: 4 Apr 2019 23:58

Tgt Ion:165 Resp: 22531

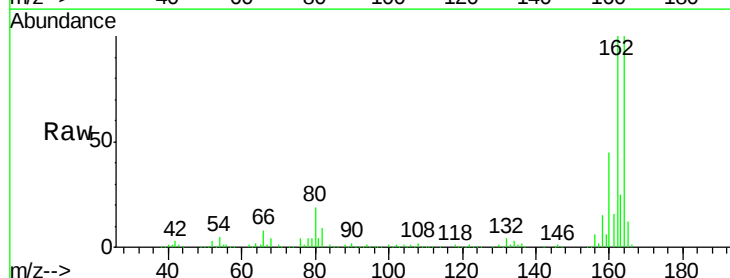
Ion Ratio Lower Upper

165 100

63 1.4 37.5 56.3#

89 1.3 57.4 86.2#

182 0.0 2.0 3.0#

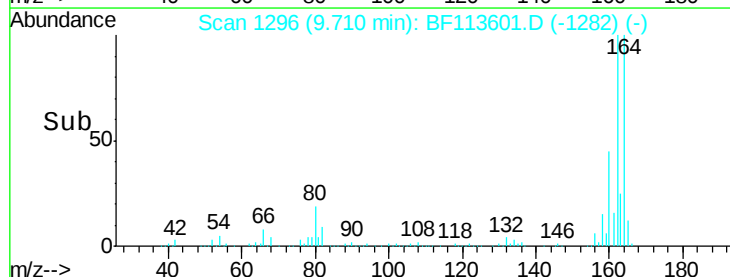
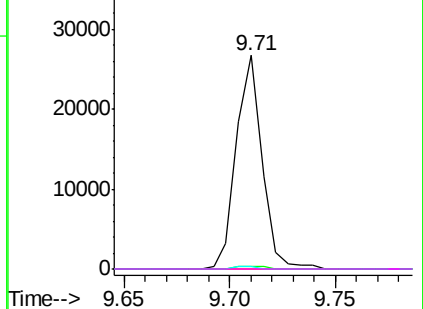


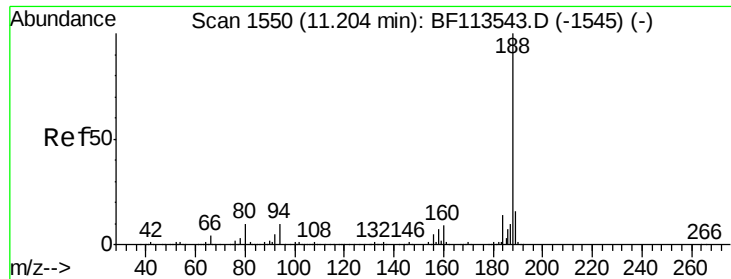
Abundance Ion 165.00 (164.70 to 165.70): E

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

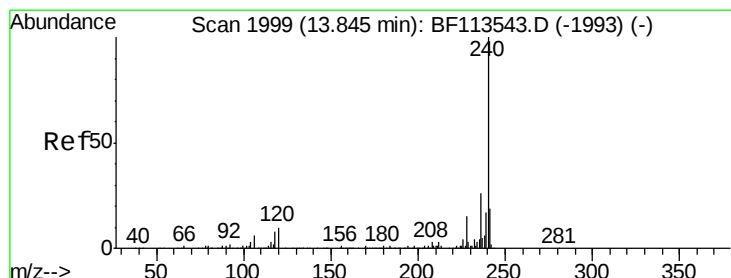
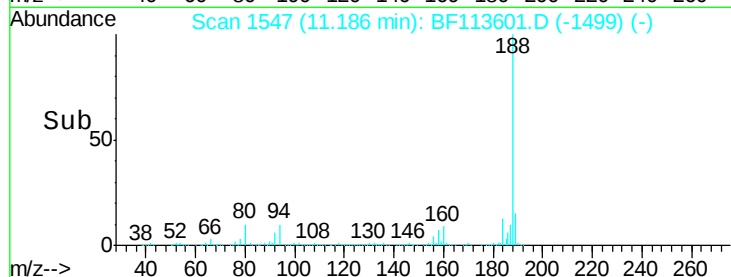
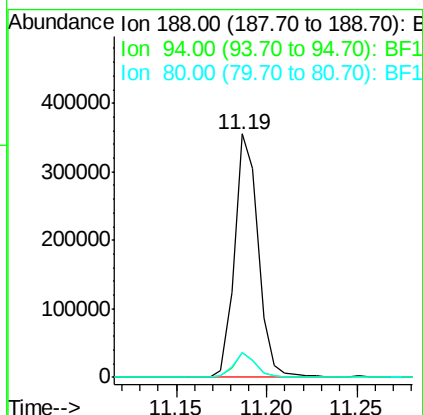
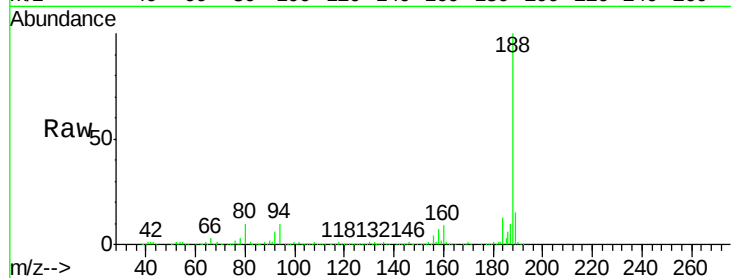




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113601.D
Acq: 4 Apr 2019 23:58

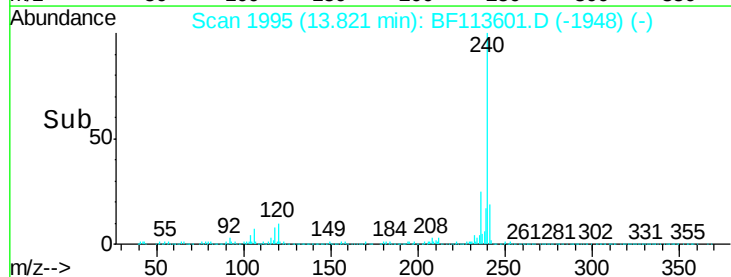
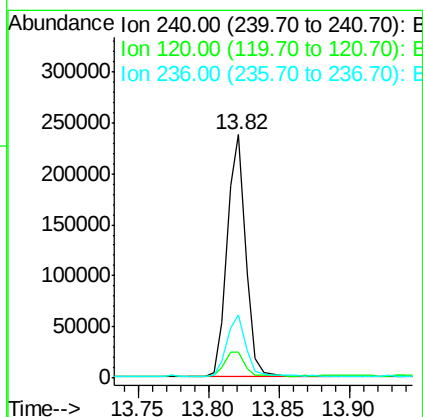
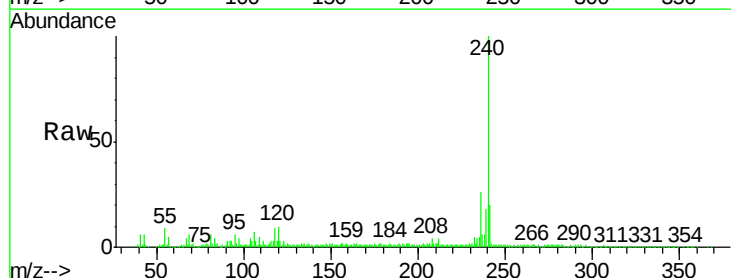
Instrument :
BNA_F
ClientSampleId :

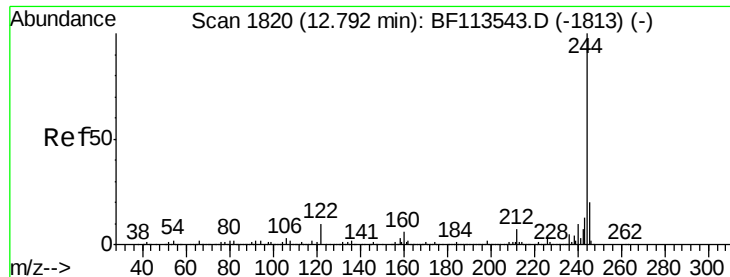
Tot Ion:188 Resp: 324402
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113601.D
Acq: 4 Apr 2019 23:58

Tgt Ion:240 Resp: 215990
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 27.513 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113601.D

Acq: 4 Apr 2019 23:58

Instrument :

BNA_F

ClientSampleId :

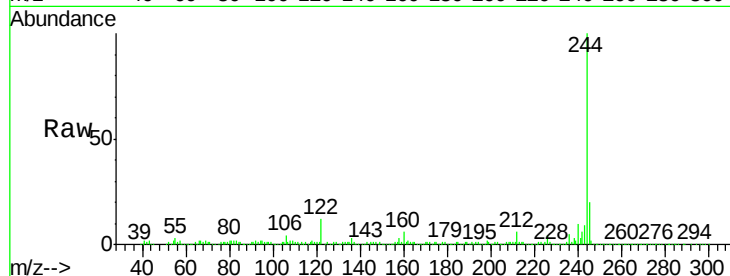
Tot Ion:244 Resp: 291875

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

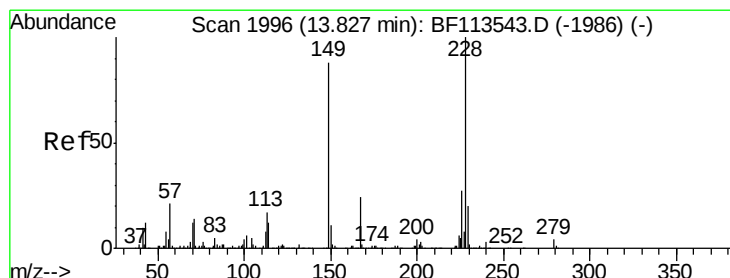
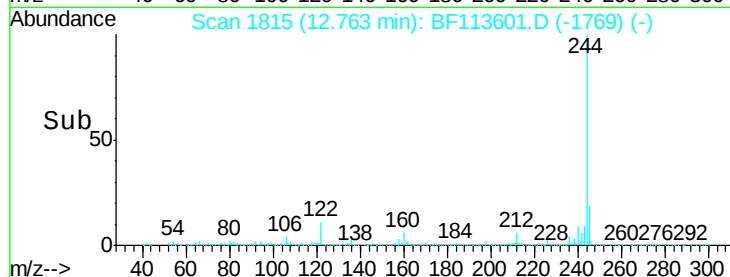
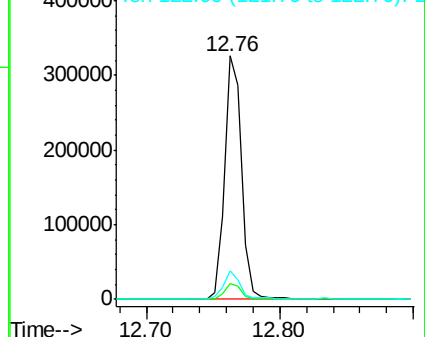
122 11.6 8.6 13.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.516 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113601.D

Acq: 4 Apr 2019 23:58

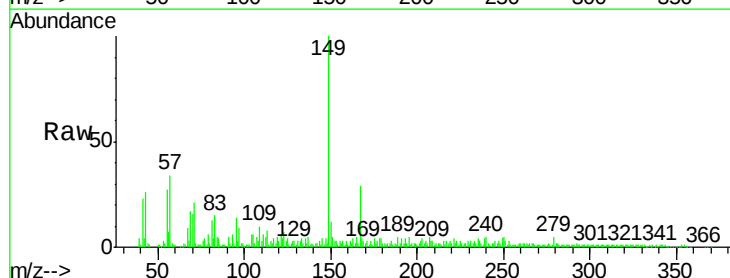
Tgt Ion:149 Resp: 85053

Ion Ratio Lower Upper

149 100

167 28.8 21.8 32.8

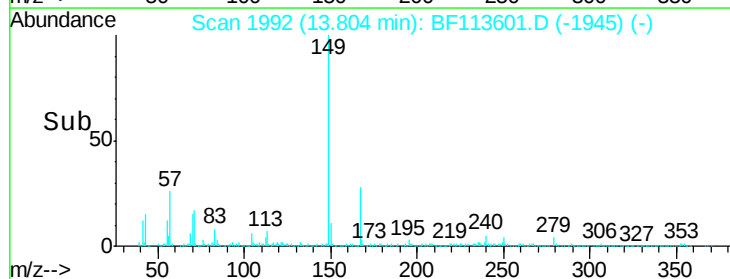
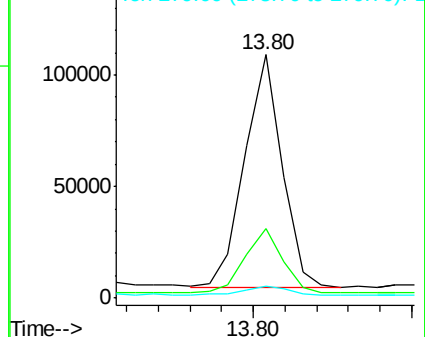
279 5.1 2.9 4.3#

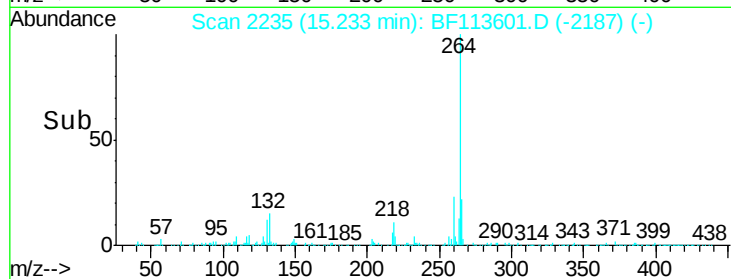
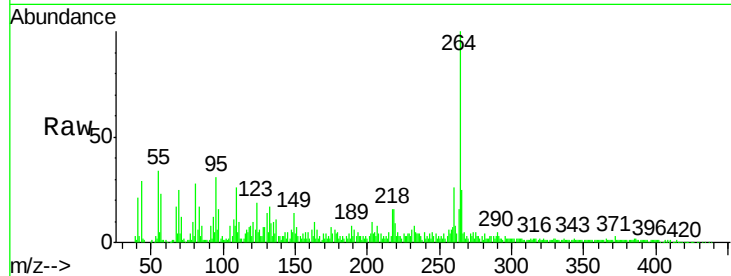
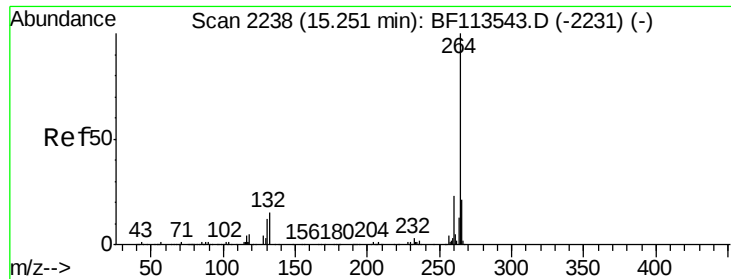


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113601.D
 Acq: 4 Apr 2019 23:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.7	19.1	28.7	
265	24.5	17.1	25.7	

