

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113658.D
 Acq On : 9 Apr 2019 13:42
 Operator : JU/SJ
 Sample : K2316-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:23:40 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

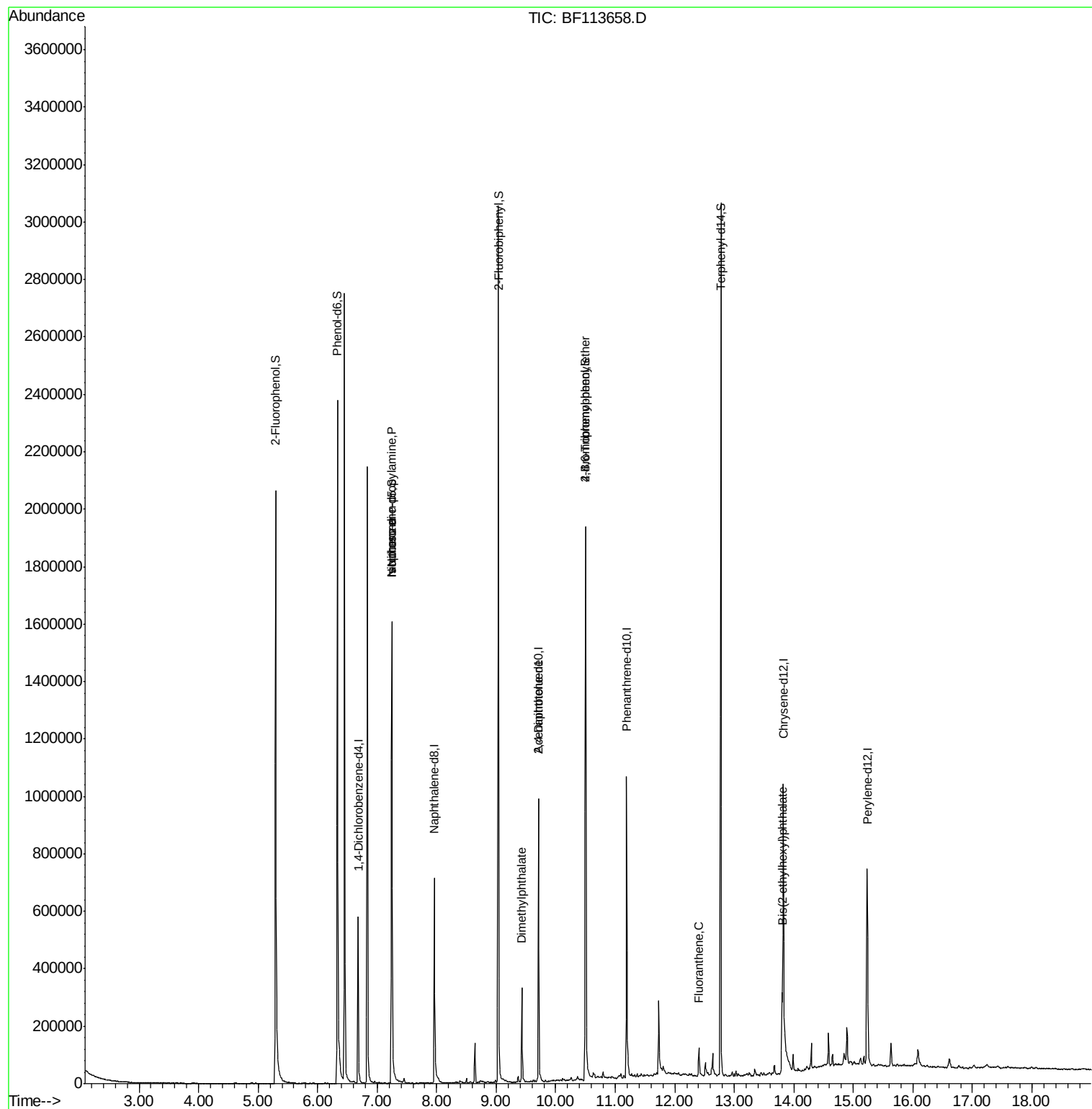
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	104839	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	396650	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	194605	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	410149	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	377098	20.00	ng	-0.02
87) Perylene-d12	15.23	264	311817	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	732328	119.11	ng	0.00
7) Phenol-d6	6.33	99	963683	127.18	ng	0.00
23) Nitrobenzene-d5	7.25	82	563718	83.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	300105	128.38	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	974631	80.63	ng	-0.02
79) Terphenyl-d14	12.77	244	1135636	61.31	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	71190	15.235	ng	# 76
25) Isophorone	7.25	82	563716	43.214	ng	# 64
50) Dimethylphthalate	9.43	163	154545	10.773	ng	# 99
57) 2,4-Dinitrotoluene	9.71	165	24896	6.510	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	17031	3.702	ng	# 1
75) Fluoranthene	12.40	202	43703	2.001	ng	# 99
84) Bis(2-ethylhexyl)phthalate	13.80	149	93783	6.641	ng	# 98

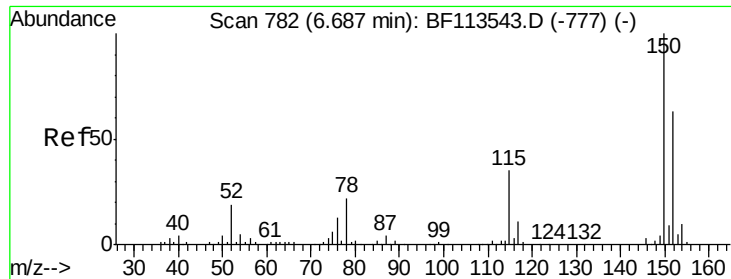
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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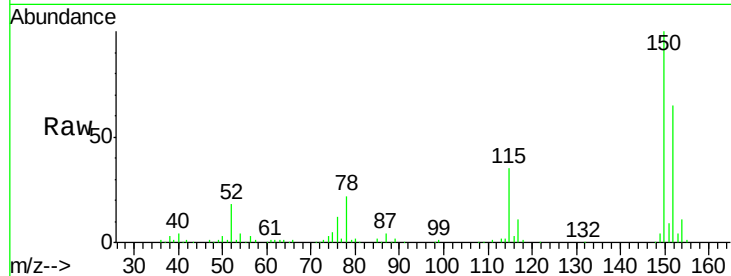


#1

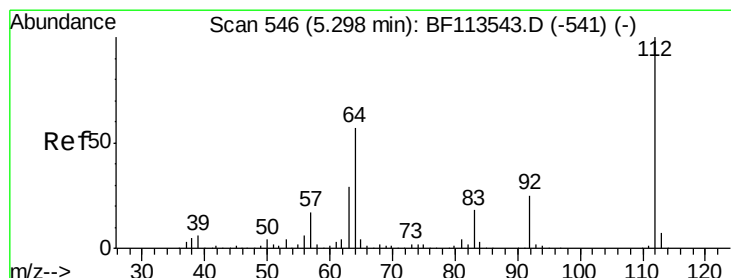
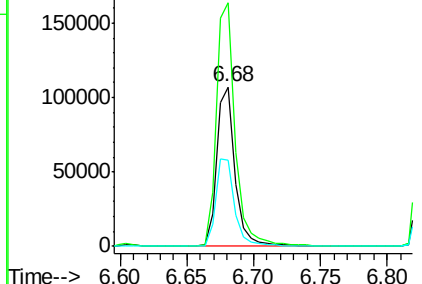
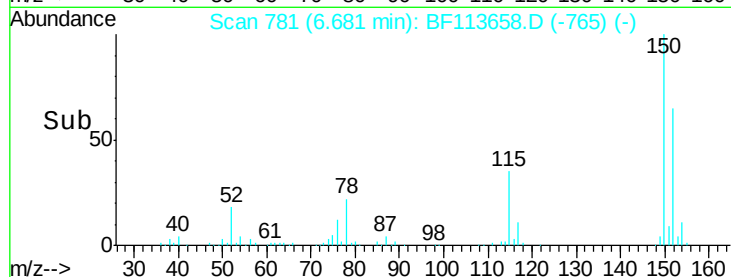
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113658.D
Acq: 9 Apr 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 104839
Ion Ratio Lower Upper
152 100
150 152.7 124.7 187.1
115 54.2 46.0 69.0



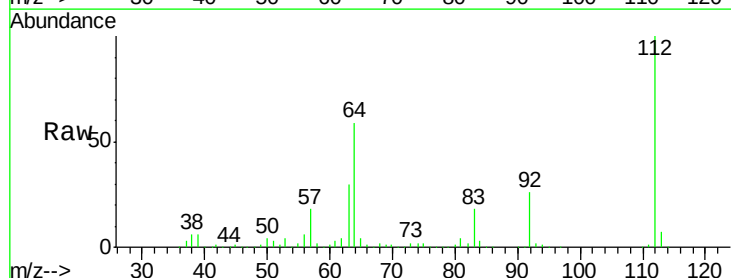
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



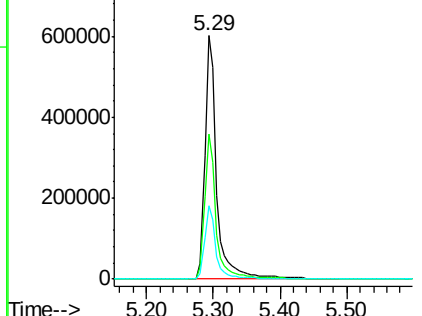
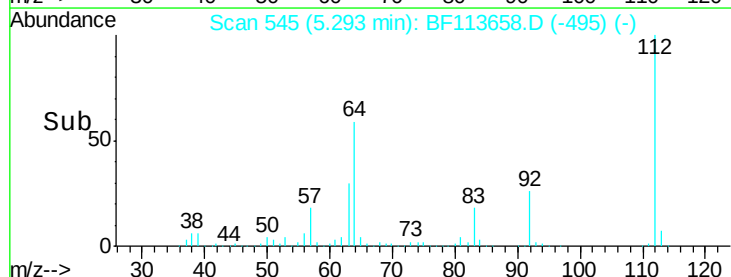
#5

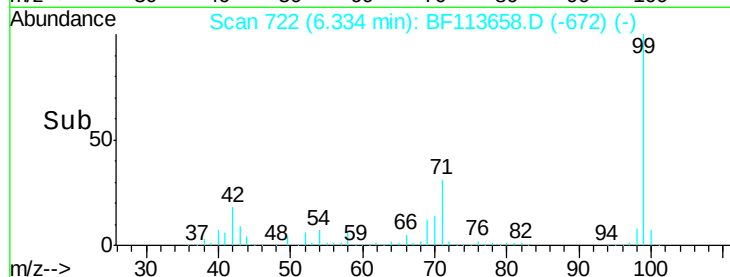
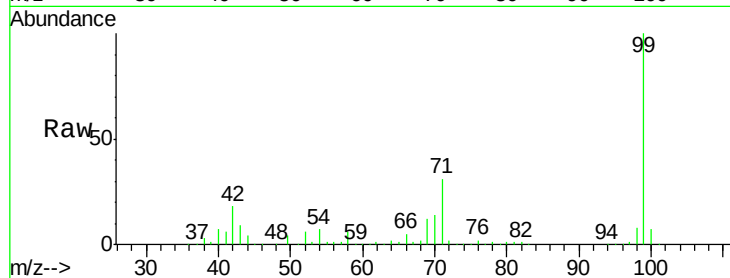
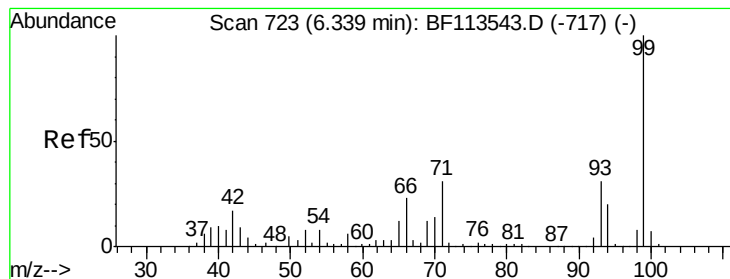
2-Fluorophenol
Concen: 119.115 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113658.D
Acq: 9 Apr 2019 13:42

Tgt Ion:112 Resp: 732328
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 30.0 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: 127.176 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113658.D

Acq: 9 Apr 2019 13:42

Instrument :

BNA_F

ClientSampled :

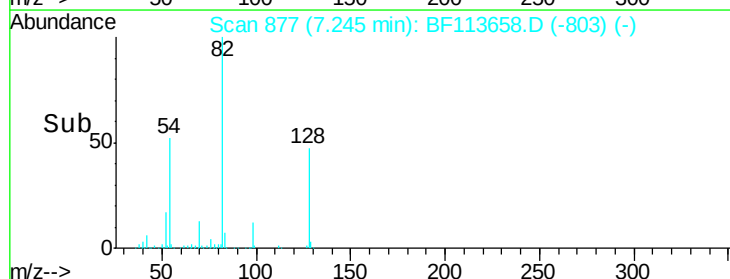
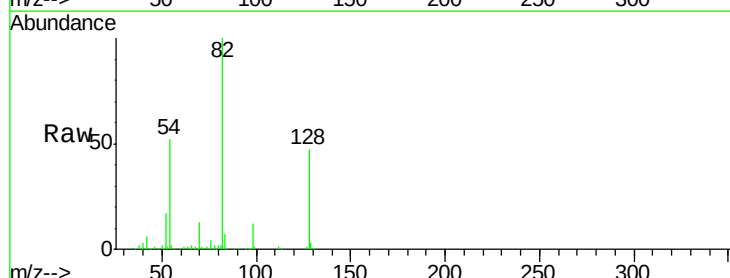
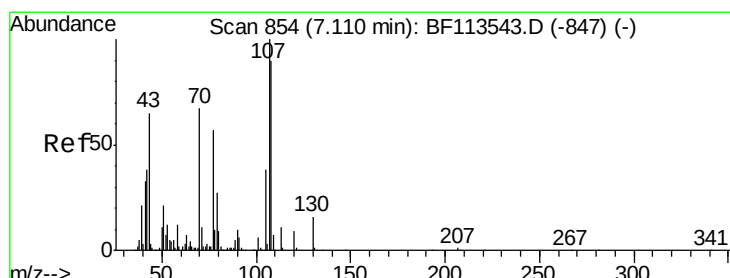
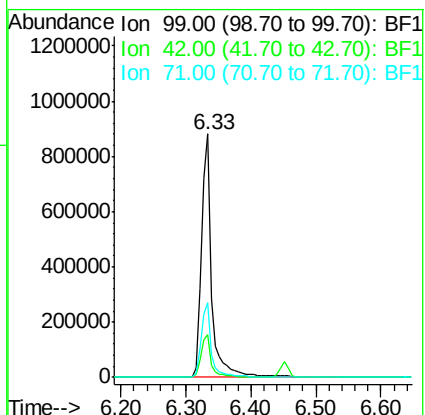
Tot Ion: 99 Resp: 963683

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

71 30.8 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.235 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113658.D

Acq: 9 Apr 2019 13:42

Tgt Ion: 70 Resp: 71190

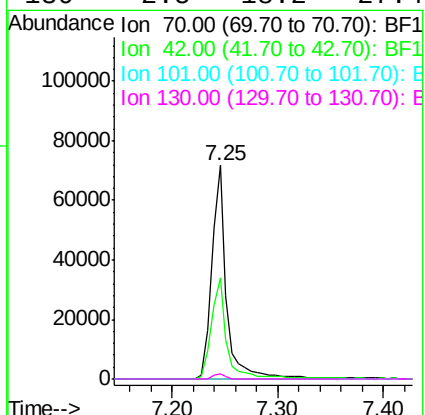
Ion Ratio Lower Upper

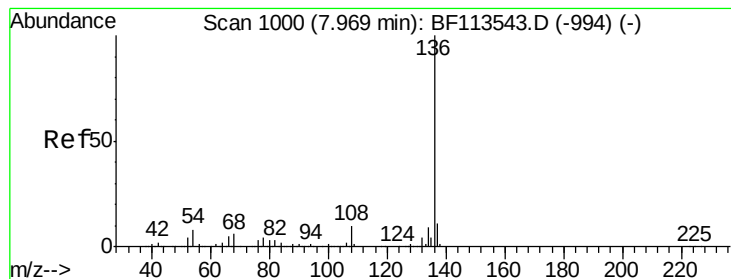
70 100

42 47.6 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: BF113658.D

Acq: 9 Apr 2019 13:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 396650

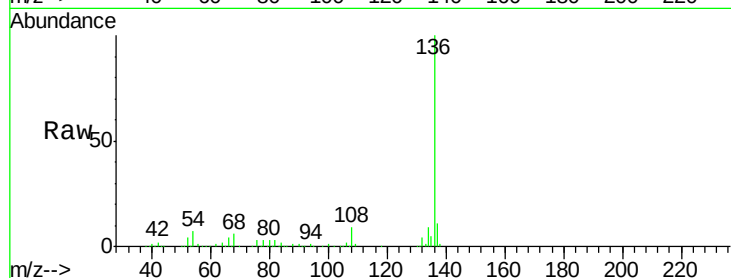
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 7.0 10.6

68 5.5 4.8 7.2

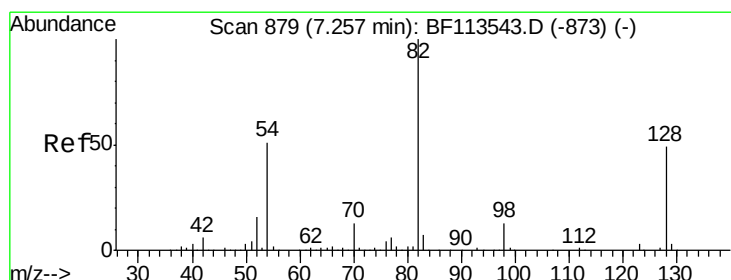
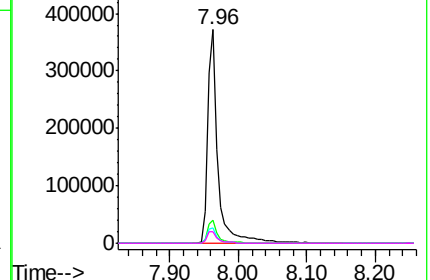
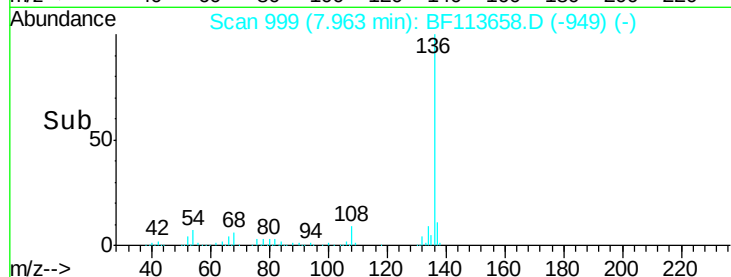


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.247 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113658.D

Acq: 9 Apr 2019 13:42

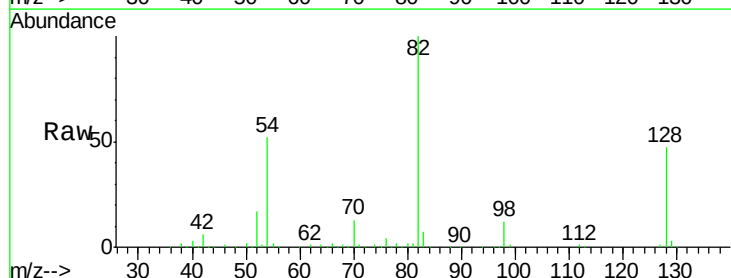
Tgt Ion: 82 Resp: 563718

Ion Ratio Lower Upper

82 100

128 47.1 36.5 54.7

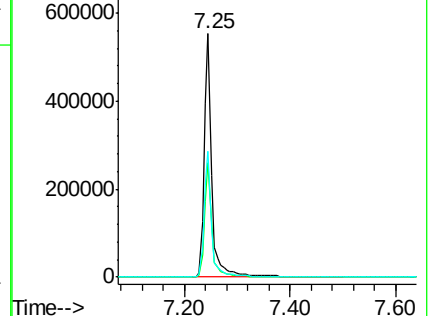
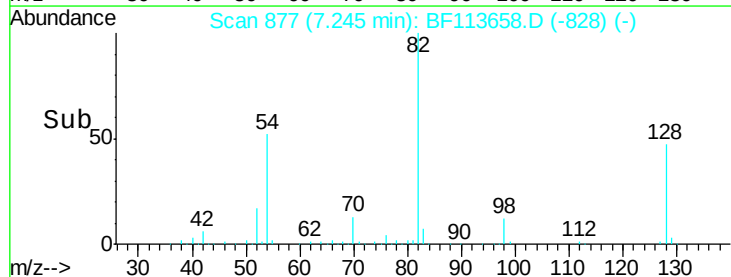
54 51.7 42.2 63.2

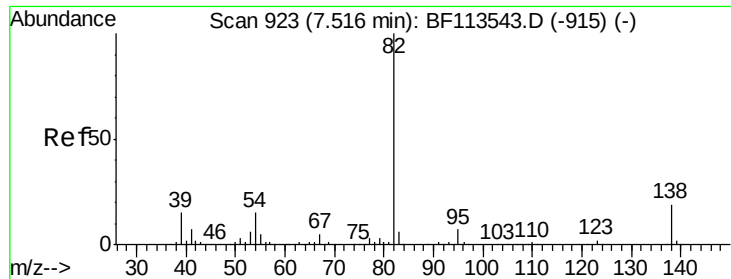


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.214 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113658.D

Acq: 9 Apr 2019 13:42

Instrument :

BNA_F

ClientSampleId :

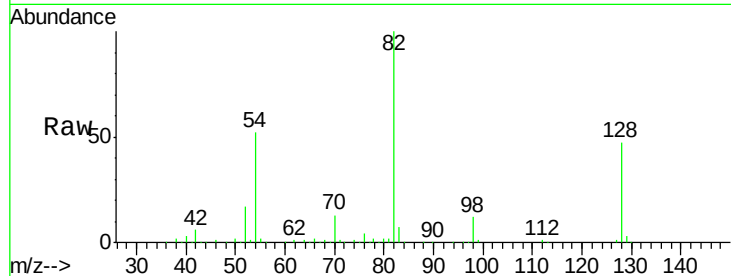
Tot Ion: 82 Resp: 563716

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

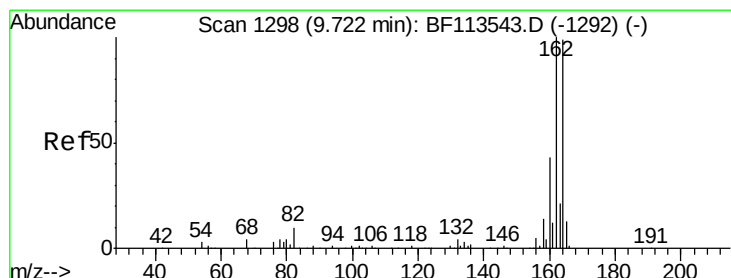
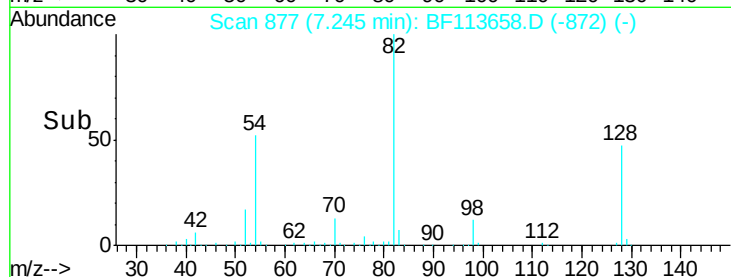
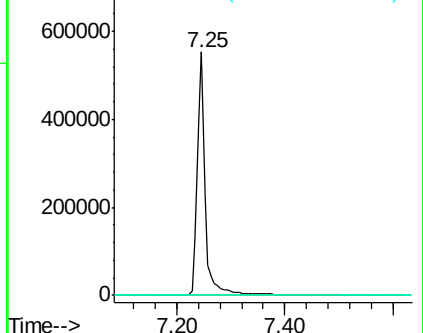
138 0.0 15.2 22.8#



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: BF113658.D

Acq: 9 Apr 2019 13:42

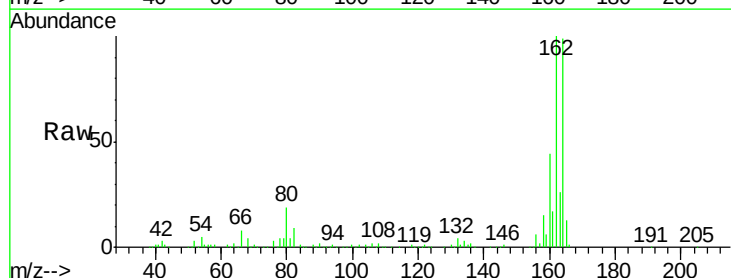
Tgt Ion: 164 Resp: 194605

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

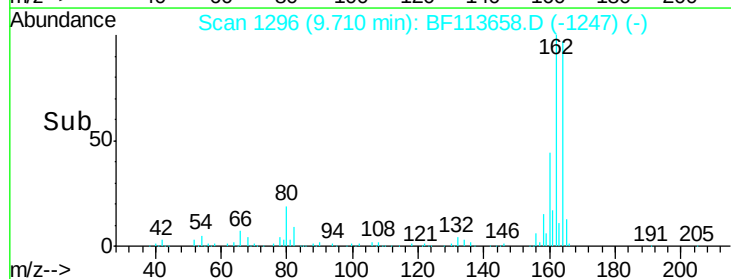
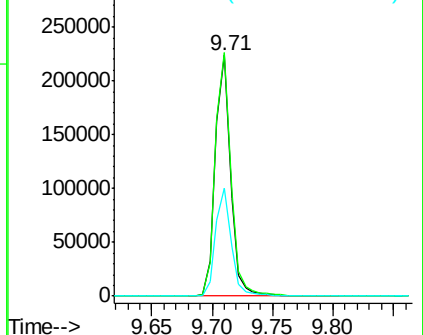
160 44.7 36.4 54.6

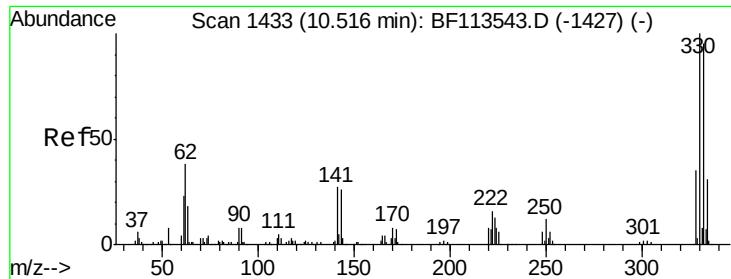


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

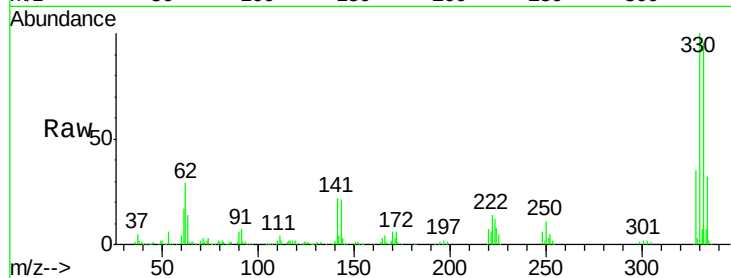




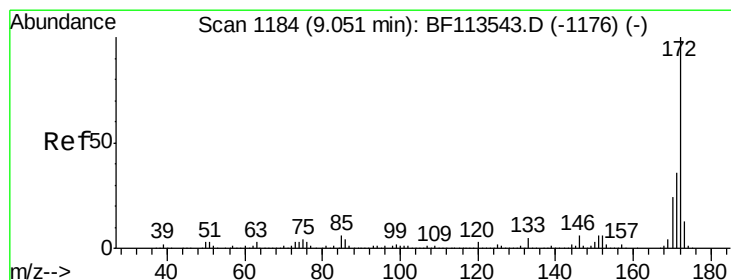
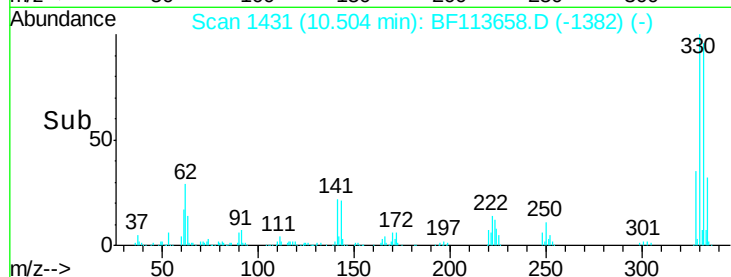
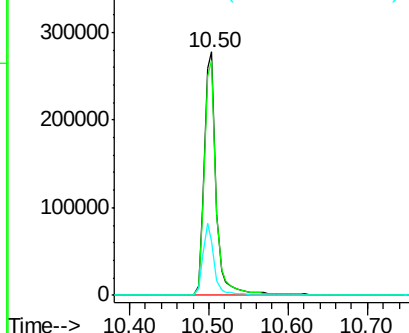
#42
 2,4,6-Tribromophenol
 Concen: 128.377 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113658.D
 Acq: 9 Apr 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.6
141	28.1	22.7	34.1

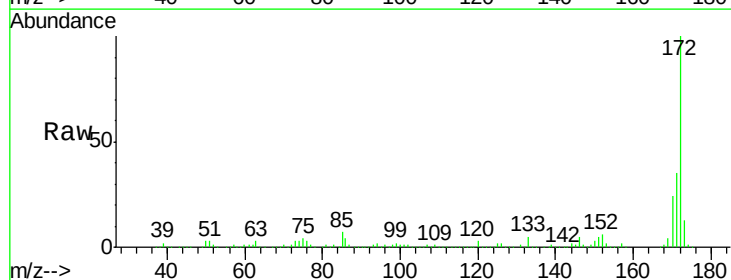


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

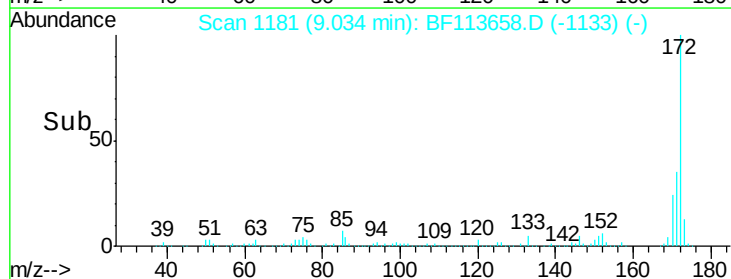
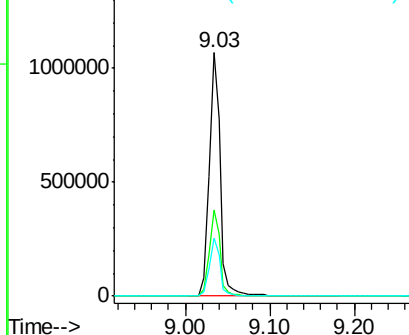


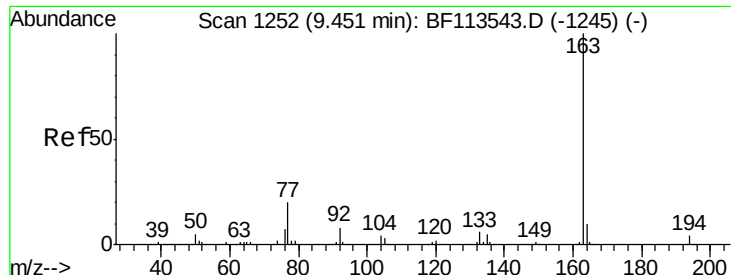
#45
 2-Fluorobiphenyl
 Concen: 80.627 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113658.D
 Acq: 9 Apr 2019 13:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	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

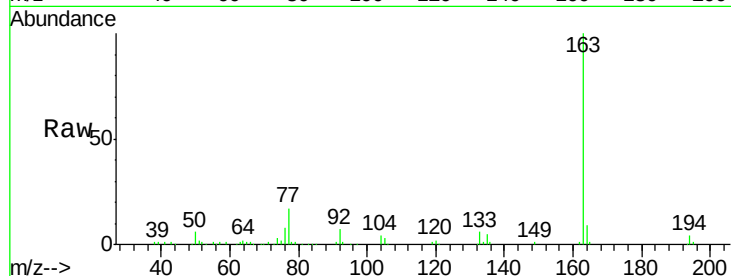




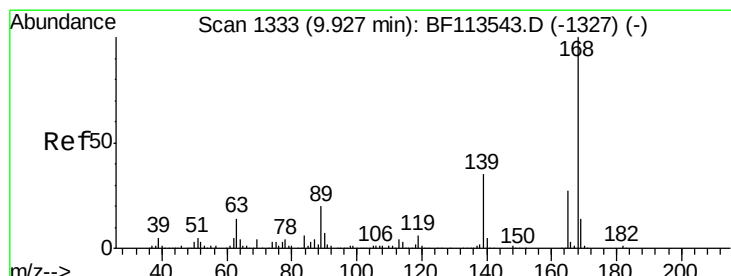
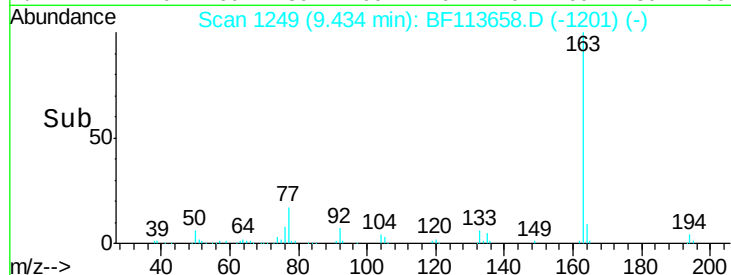
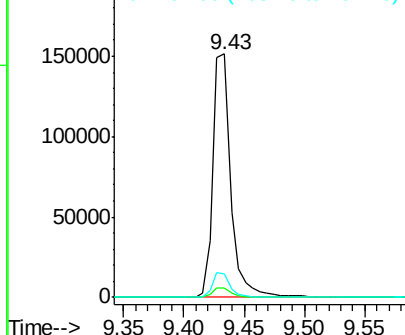
#50
Dimethylphthalate
Concen: 10.773 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113658.D
Acq: 9 Apr 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.5	8.1	12.1

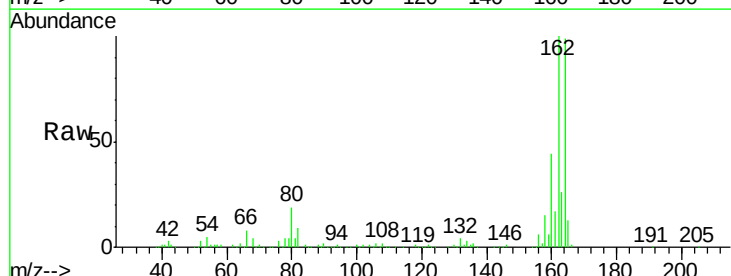


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

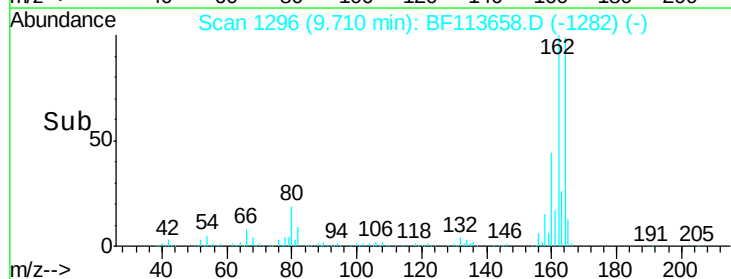
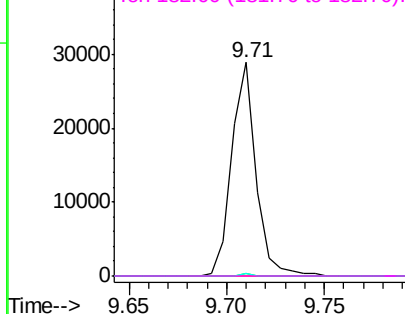


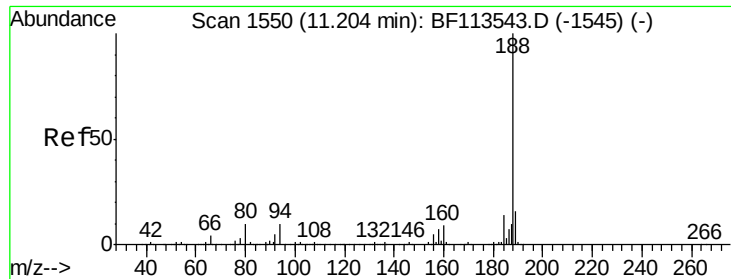
#57
2,4-Dinitrotoluene
Concen: 6.510 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF113658.D
Acq: 9 Apr 2019 13:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.5	56.3#
89	1.1	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: BF113658.D

Acq: 9 Apr 2019 13:42

Instrument :

BNA_F

ClientSampleId :

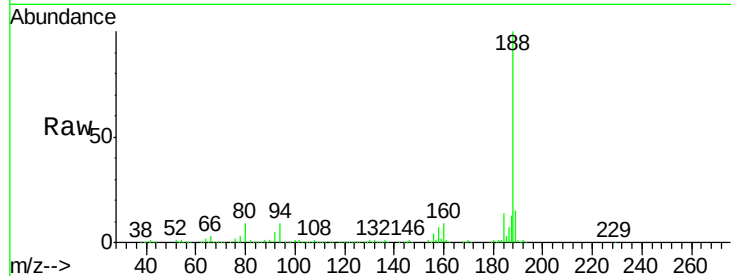
Tot Ion:188 Resp: 410149

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

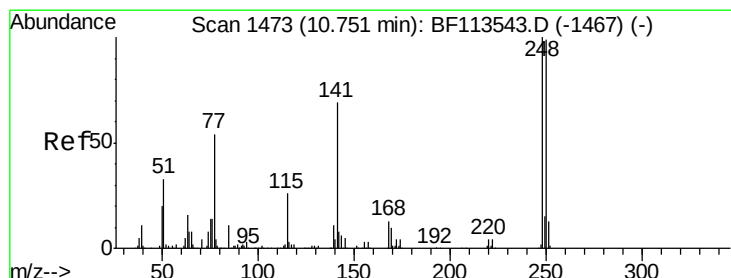
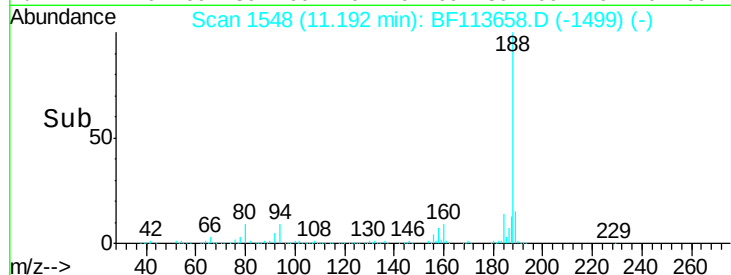
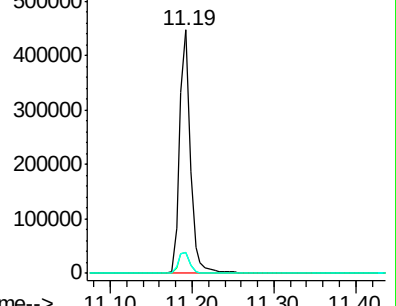
80 8.6 7.7 11.5



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



#67

4-Bromophenyl-phenylether

Concen: 3.702 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.25 min

Lab File: BF113658.D

Acq: 9 Apr 2019 13:42

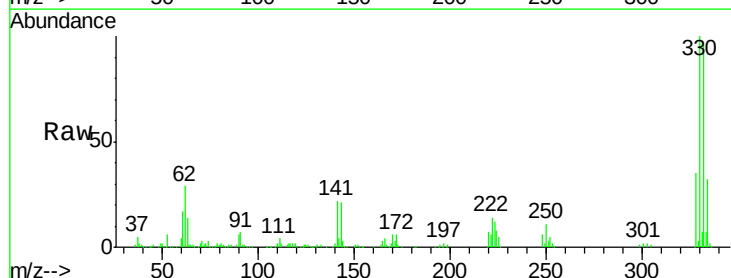
Tgt Ion:248 Resp: 17031

Ion Ratio Lower Upper

248 100

250 196.0 78.3 117.5#

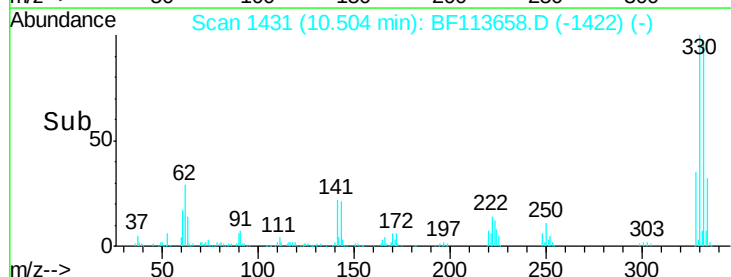
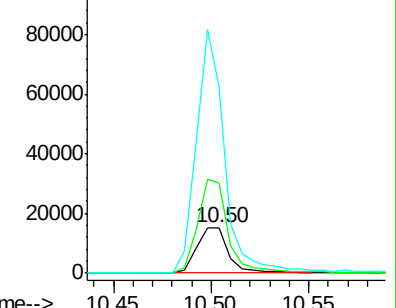
141 406.9 56.2 84.4#

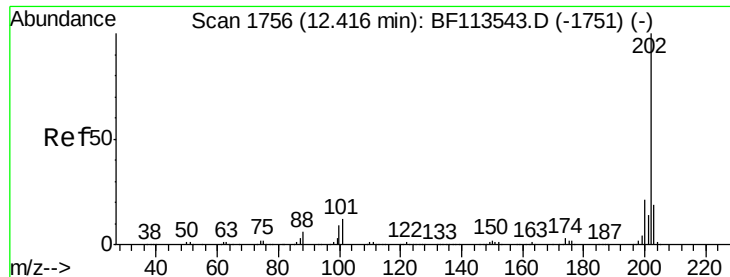


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: 2.001 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113658.D

Acq: 9 Apr 2019 13:42

Instrument :

BNA_F

ClientSampled :

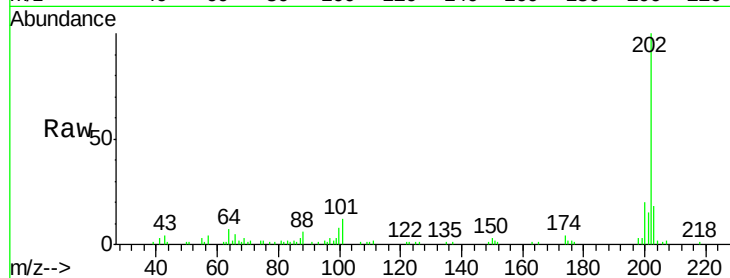
Tot Ion:202 Resp: 43703

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.4

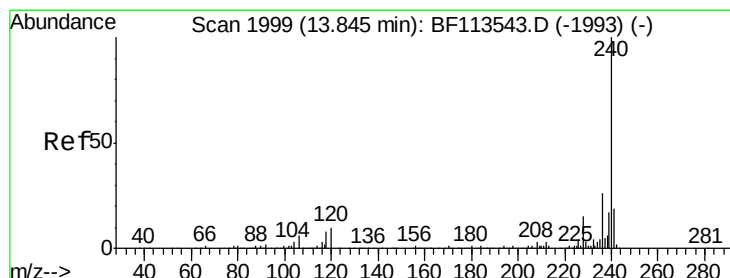
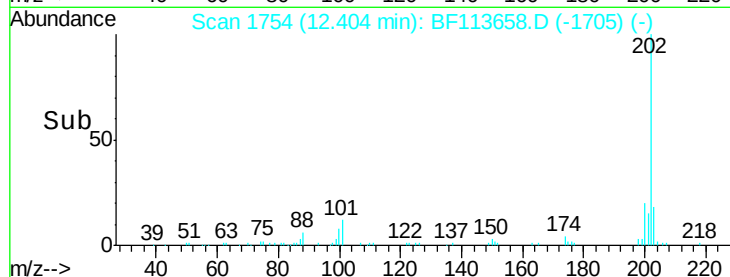
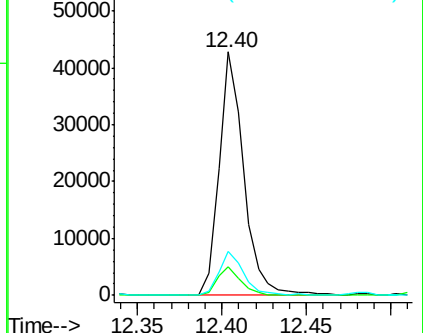
203 17.8 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113658.D

Acq: 9 Apr 2019 13:42

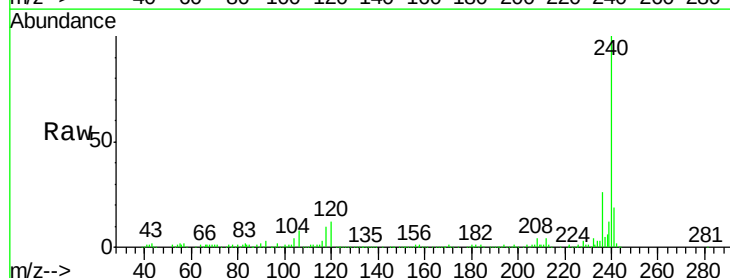
Tgt Ion:240 Resp: 377098

Ion Ratio Lower Upper

240 100

120 12.2 8.8 13.2

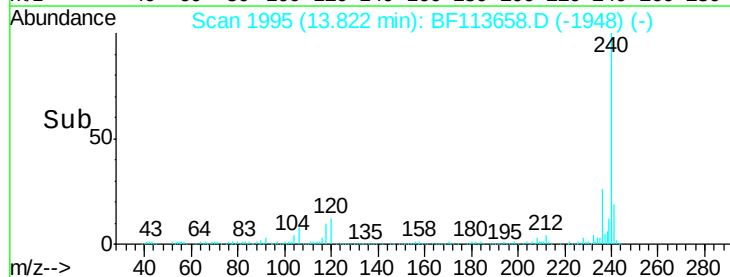
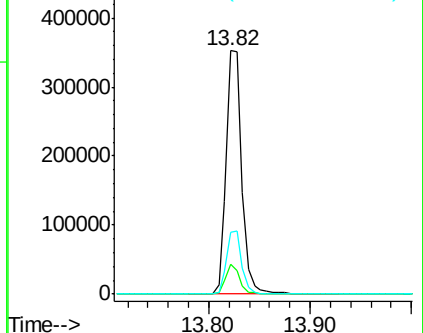
236 25.6 20.9 31.3

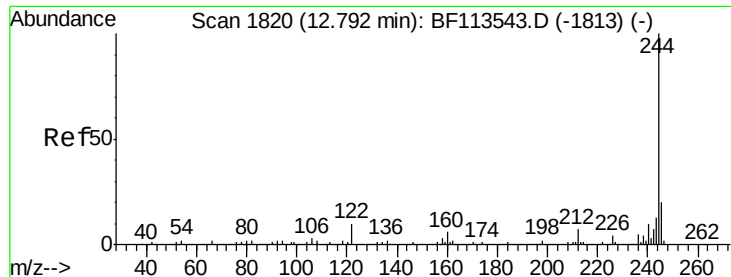


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.315 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113658.D

Acq: 9 Apr 2019 13:42

Instrument :

BNA_F

ClientSampled :

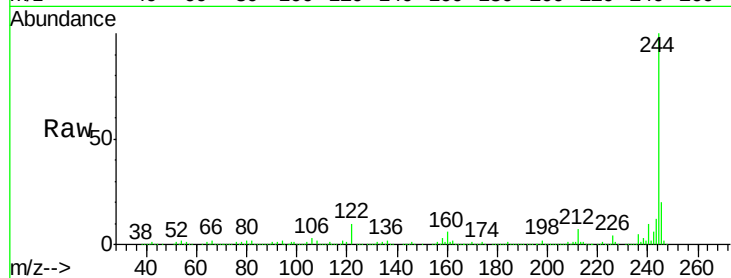
Tot Ion:244 Resp: 1135636

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

122 10.0 8.6 13.0



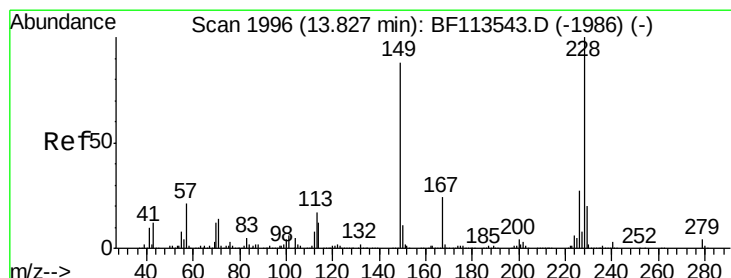
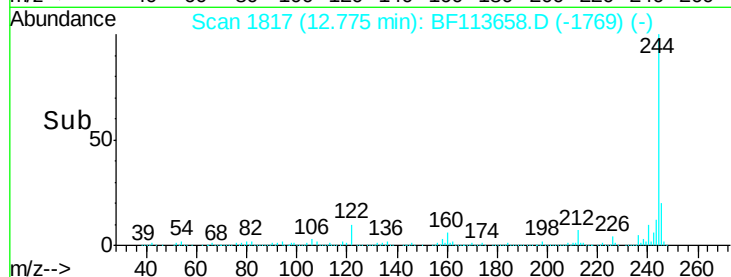
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.77

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.641 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113658.D

Acq: 9 Apr 2019 13:42

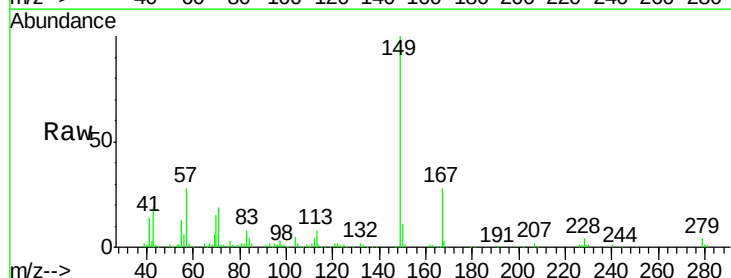
Tgt Ion:149 Resp: 93783

Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.4 2.9 4.3#



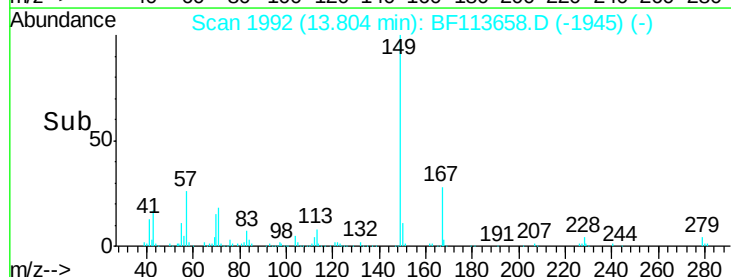
Abundance Ion 149.00 (148.70 to 149.70): E

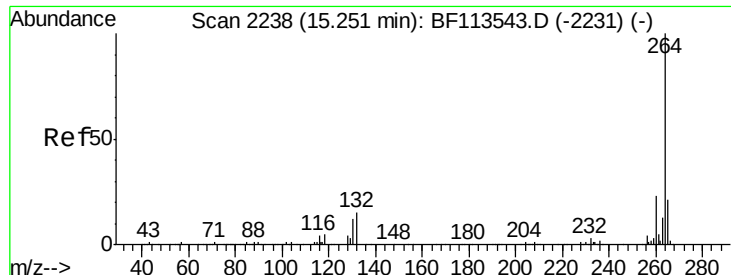
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

13.80

Time-->

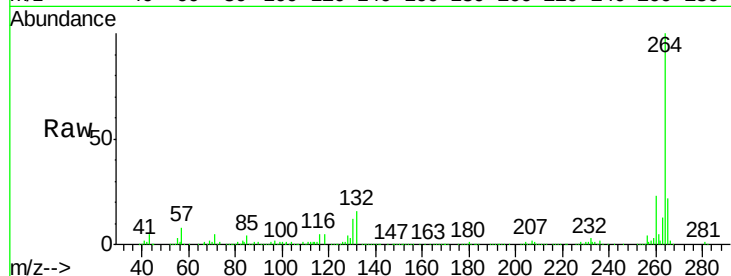




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113658.D
Acq: 9 Apr 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.5	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

