

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113672.D
 Acq On : 9 Apr 2019 20:26
 Operator : JU/SJ
 Sample : K2199-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:25:46 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

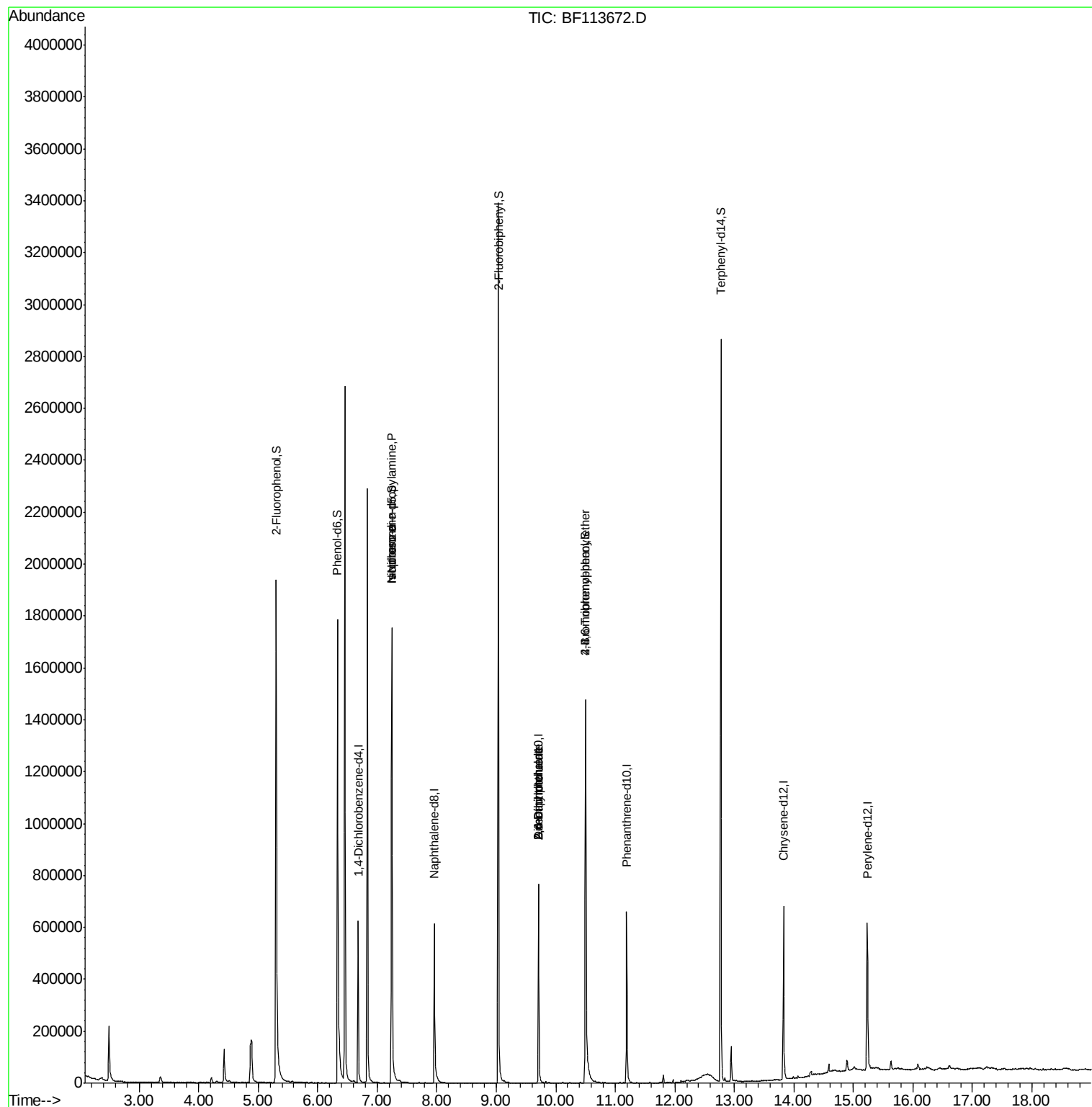
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	101229	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	374349	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	166349	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	297959	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	281770	20.00	ng	-0.02
87) Perylene-d12	15.23	264	264878	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	713016	120.11	ng	0.00
7) Phenol-d6	6.33	99	823078	112.49	ng	0.00
23) Nitrobenzene-d5	7.25	82	605024	94.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	280583	140.41	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1134936	109.84	ng	-0.02
79) Terphenyl-d14	12.77	244	1075621	77.72	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	78629	17.428	ng	# 76
25) Isophorone	7.25	82	605018	49.144	ng	# 64
50) Dimethylphthalate	9.71	163	38771	3.162	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	20875	7.723	ng	# 25
57) 2,4-Dinitrotoluene	9.71	165	20875	6.386	ng	# 22
67) 4-Bromophenyl-phenylether	10.50	248	14900	4.459	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
Data File : BF113672.D
Acq On : 9 Apr 2019 20:26
Operator : JU/SJ
Sample : K2199-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 10 02:25:46 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



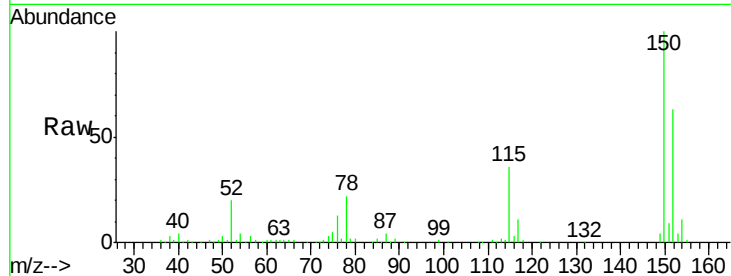


#1

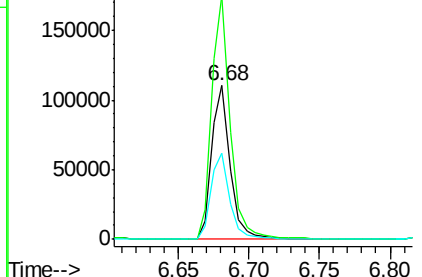
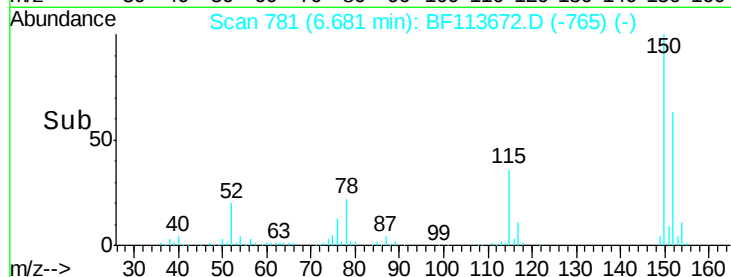
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113672.D
Acq: 9 Apr 2019 20:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101229
Ion Ratio Lower Upper
152 100
150 158.5 124.7 187.1
115 56.3 46.0 69.0



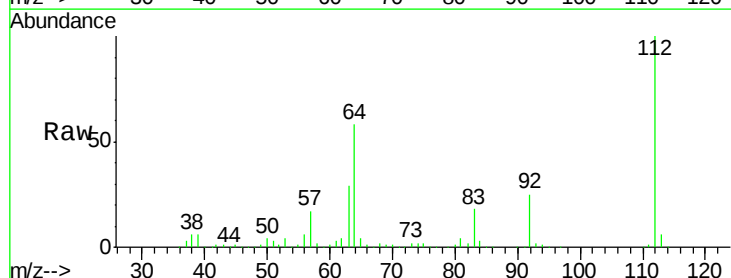
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



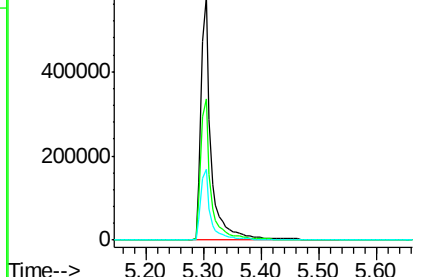
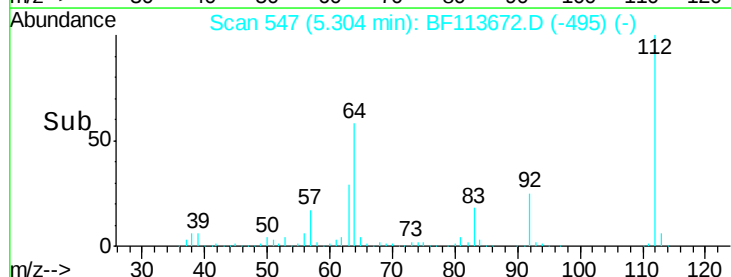
#5

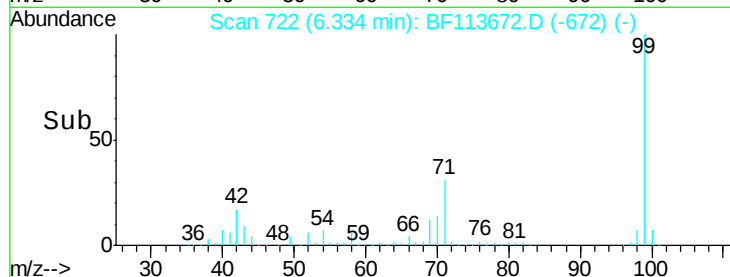
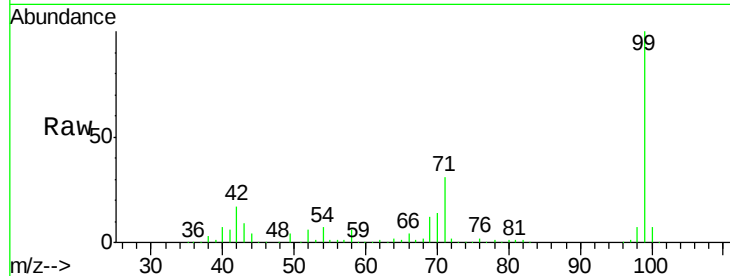
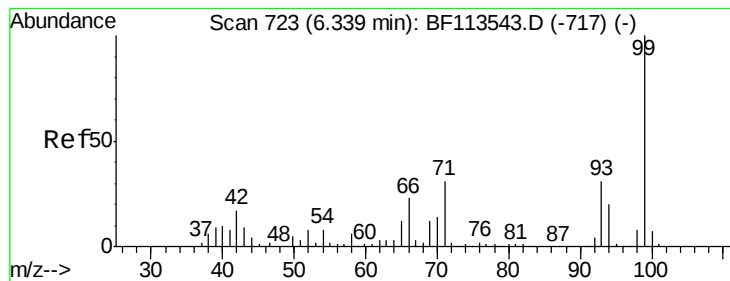
2-Fluorophenol
Concen: 120.110 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113672.D
Acq: 9 Apr 2019 20:26

Tgt Ion:112 Resp: 713016
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 29.2 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: 112.494 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113672.D

Acq: 9 Apr 2019 20:26

Instrument :

BNA_F

ClientSampleId :

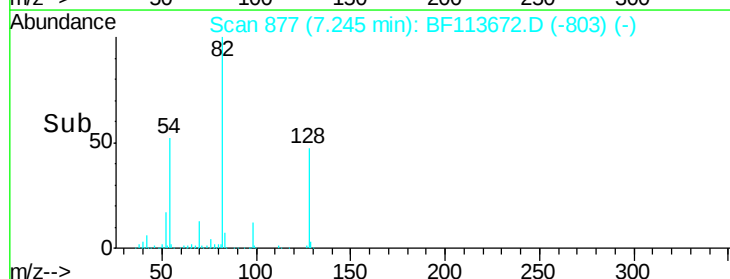
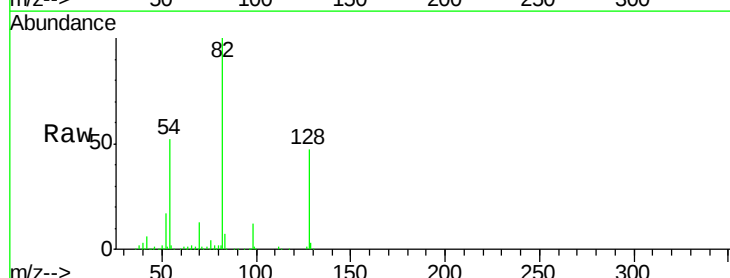
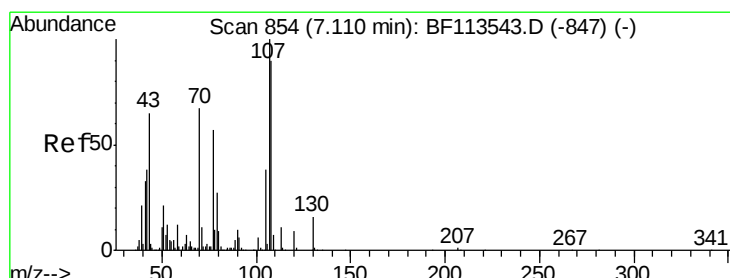
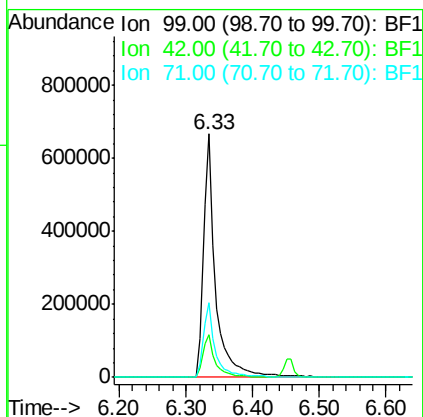
Tot Ion: 99 Resp: 823078

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

71 30.8 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.428 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113672.D

Acq: 9 Apr 2019 20:26

Tgt Ion: 70 Resp: 78629

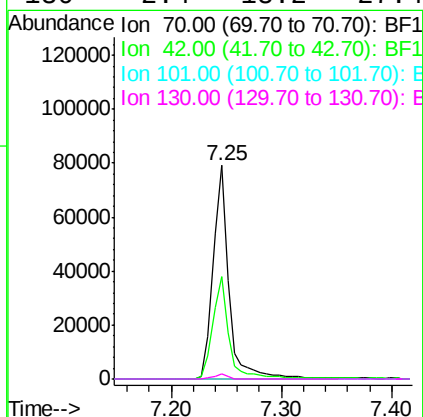
Ion Ratio Lower Upper

70 100

42 48.1 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 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: BF113672.D

Acq: 9 Apr 2019 20:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 374349

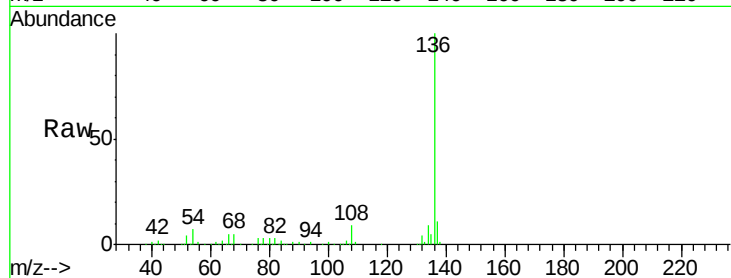
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.1 7.0 10.6

68 5.4 4.8 7.2

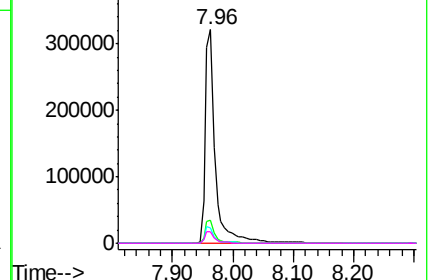
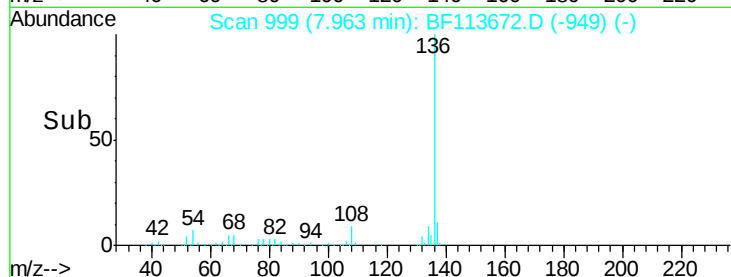


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.669 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113672.D

Acq: 9 Apr 2019 20:26

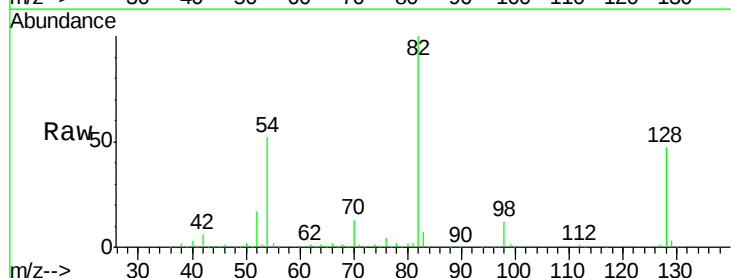
Tgt Ion: 82 Resp: 605024

Ion Ratio Lower Upper

82 100

128 47.2 36.5 54.7

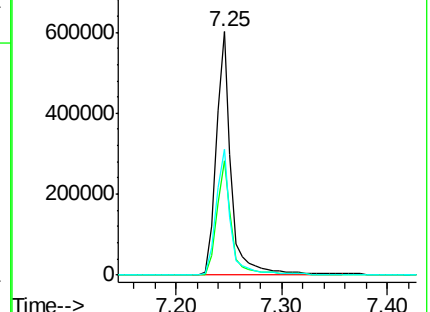
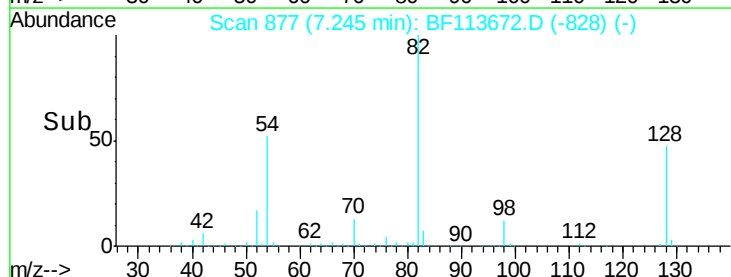
54 51.9 42.2 63.2

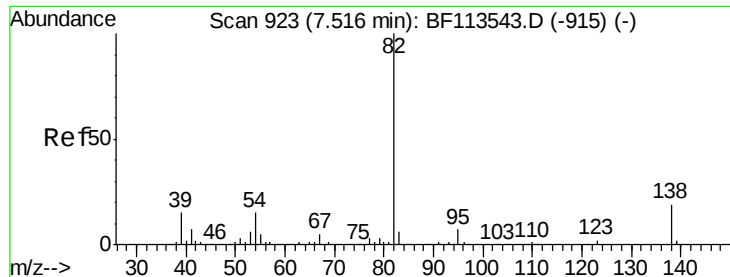


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.144 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113672.D

Acq: 9 Apr 2019 20:26

Instrument :

BNA_F

ClientSampleId :

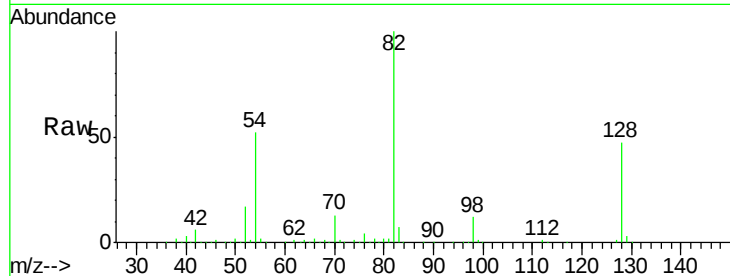
Tot Ion: 82 Resp: 605018

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

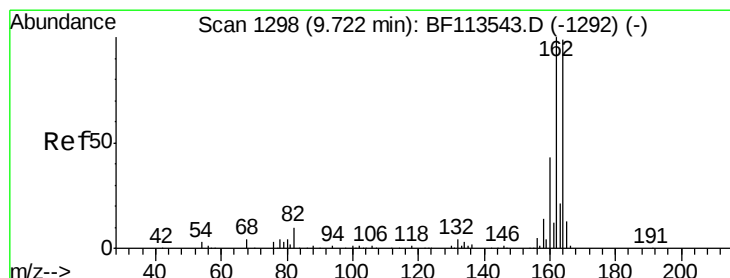
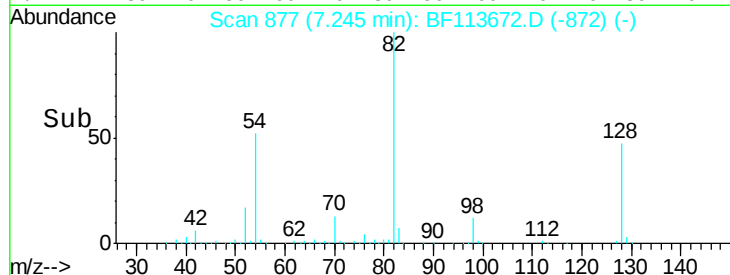
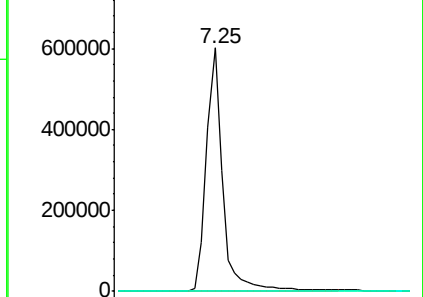
138 0.0 15.2 22.8#



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: BF113672.D

Acq: 9 Apr 2019 20:26

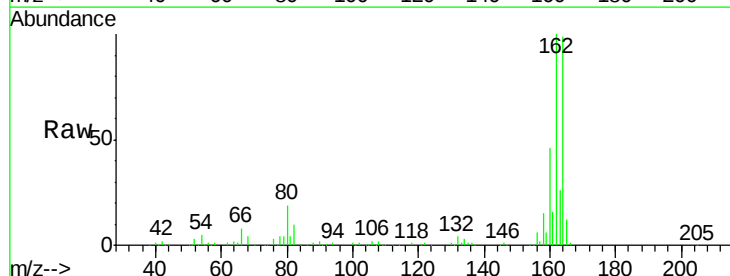
Tgt Ion:164 Resp: 166349

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

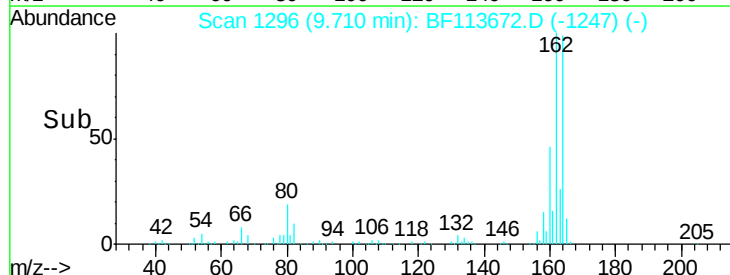
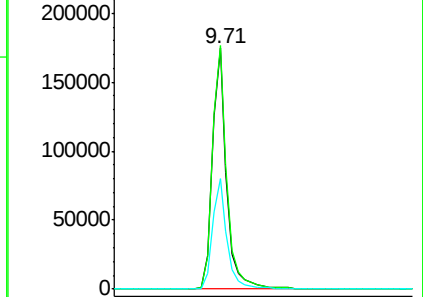
160 46.1 36.4 54.6

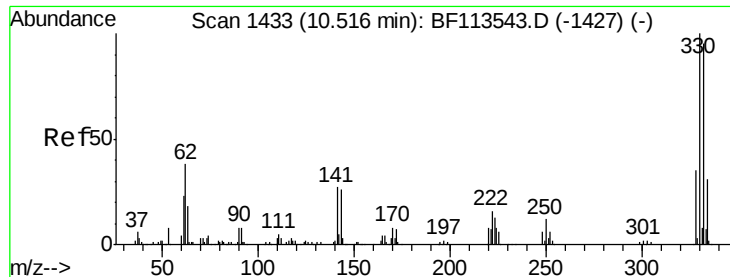


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

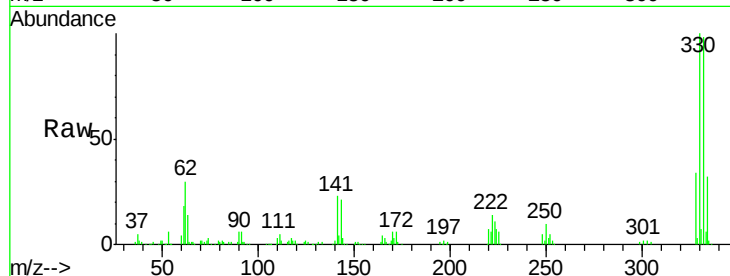




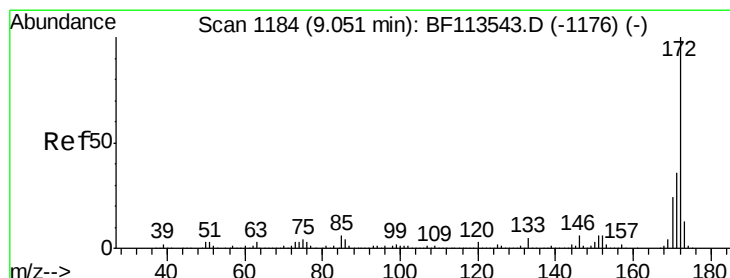
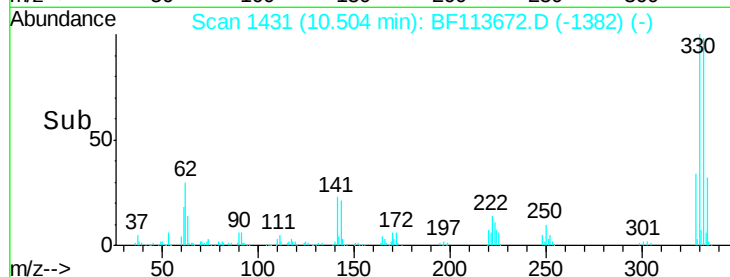
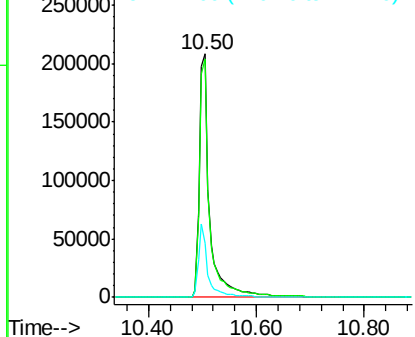
#42
2,4,6-Tribromophenol
Concen: 140.414 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113672.D
Acq: 9 Apr 2019 20:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 280583
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.6
141 27.4 22.7 34.1

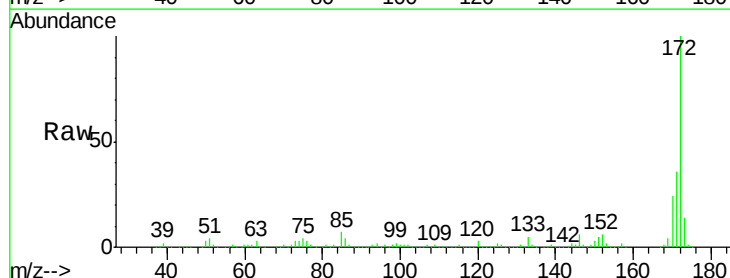


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

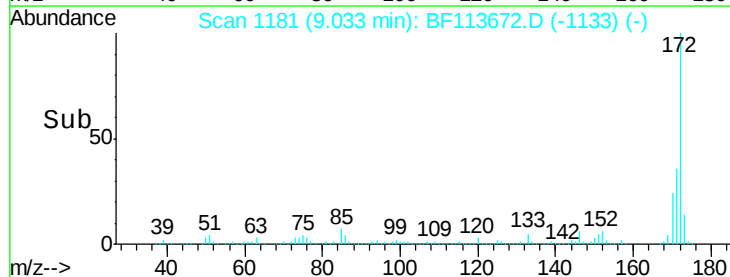
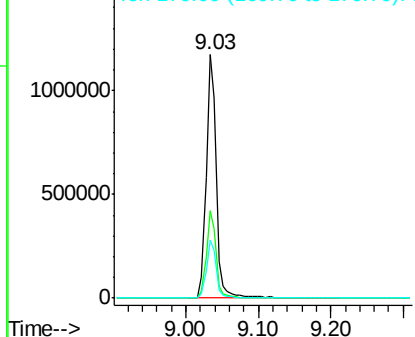


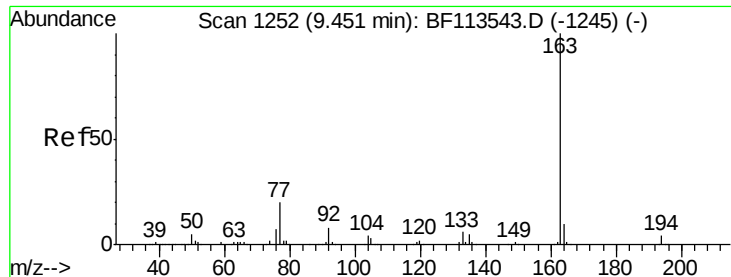
#45
2-Fluorobiphenyl
Concen: 109.837 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113672.D
Acq: 9 Apr 2019 20:26

Tgt Ion:172 Resp: 1134936
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.0 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

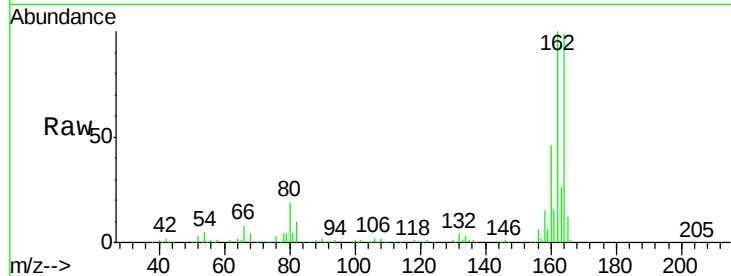




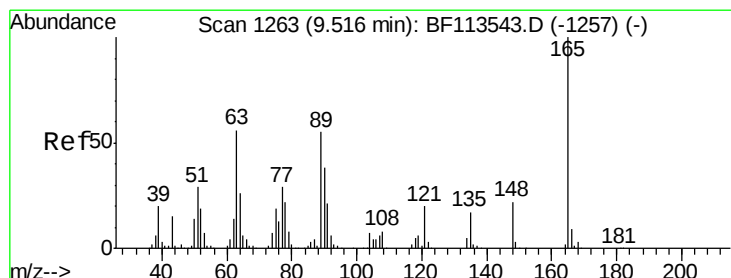
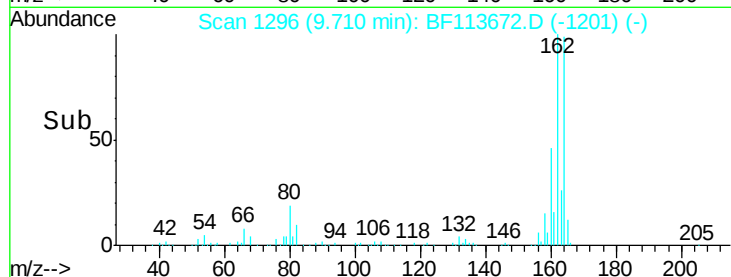
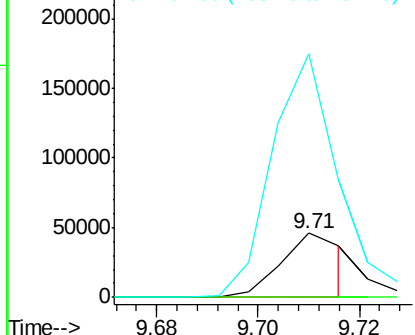
#50
Dimethylphthalate
Concen: 3.162 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.26 min
Lab File: BF113672.D
Acq: 9 Apr 2019 20:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 38771
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 378.6 8.1 12.1#

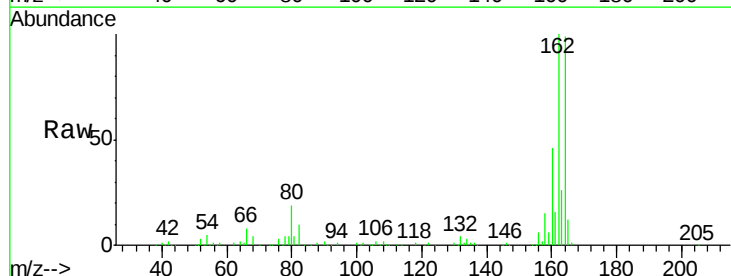


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

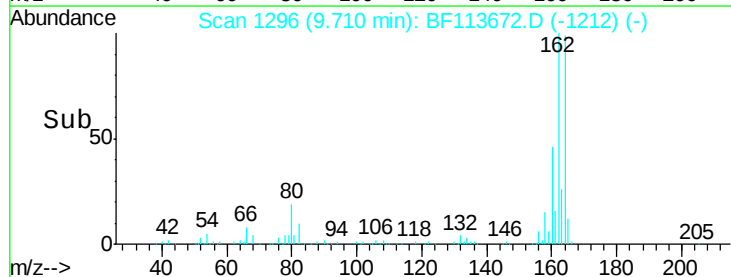
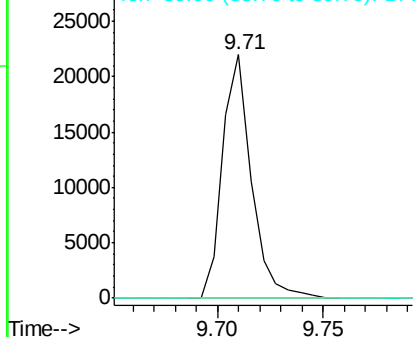


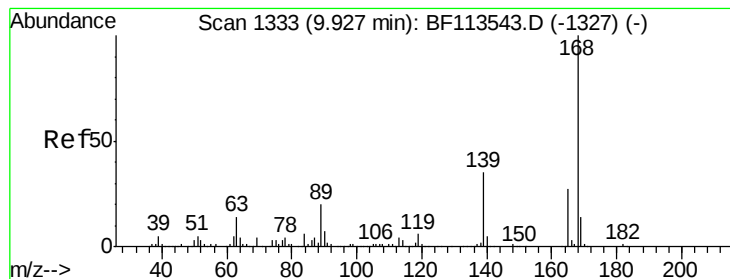
#51
2,6-Dinitrotoluene
Concen: 7.723 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF113672.D
Acq: 9 Apr 2019 20:26

Tgt Ion:165 Resp: 20875
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 0.0 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: 6.386 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113672.D

Acq: 9 Apr 2019 20:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 20875

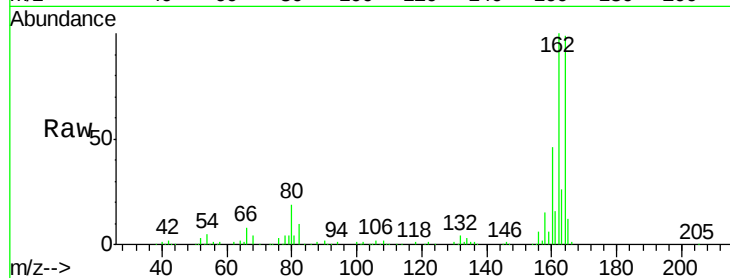
Ion Ratio Lower Upper

165 100

63 0.0 37.5 56.3#

89 0.0 57.4 86.2#

182 0.0 2.0 3.0#

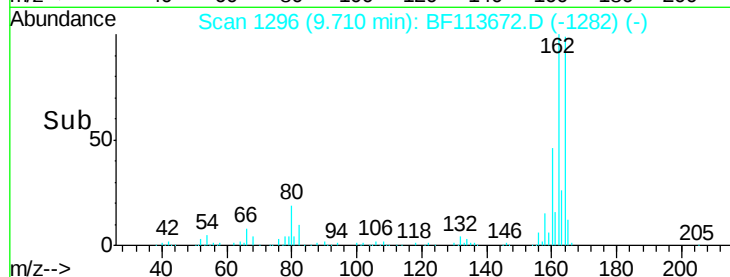


Abundance Ion 165.00 (164.70 to 165.70): E

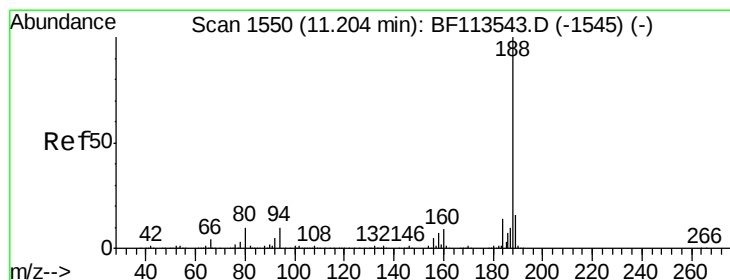
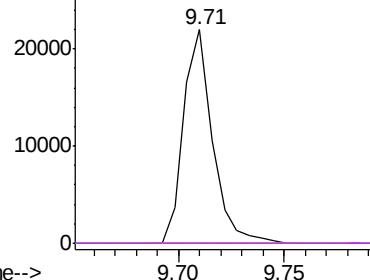
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113672.D

Acq: 9 Apr 2019 20:26

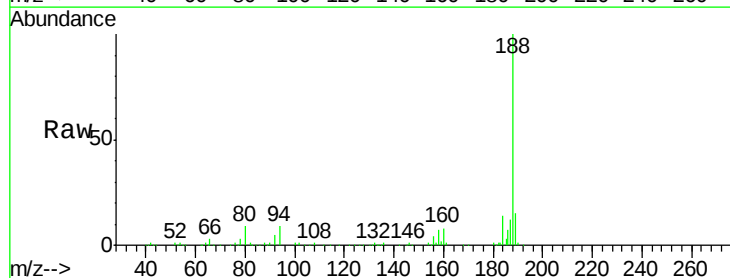
Tgt Ion:188 Resp: 297959

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

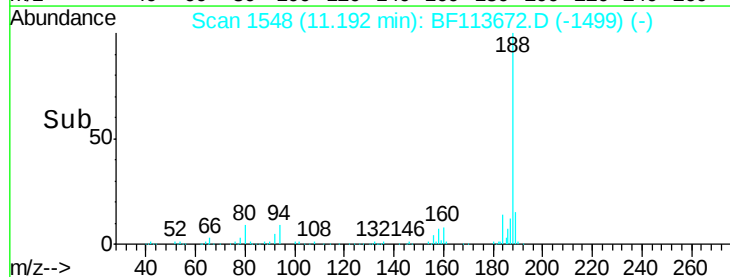
80 8.8 7.7 11.5



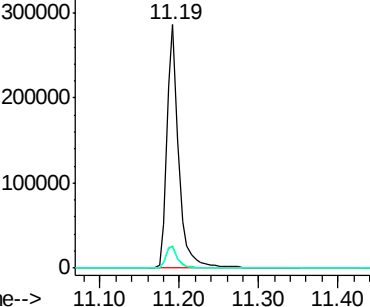
Abundance Ion 188.00 (187.70 to 188.70): E

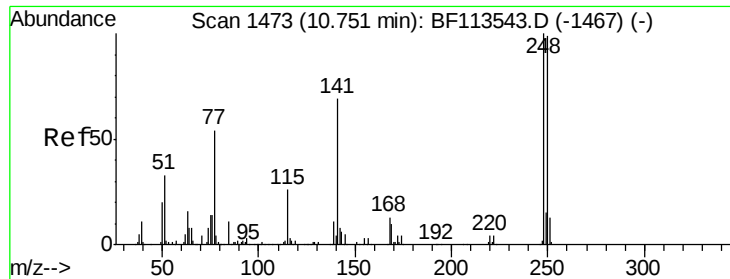
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

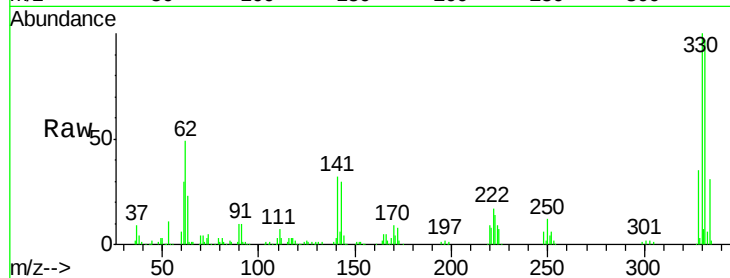




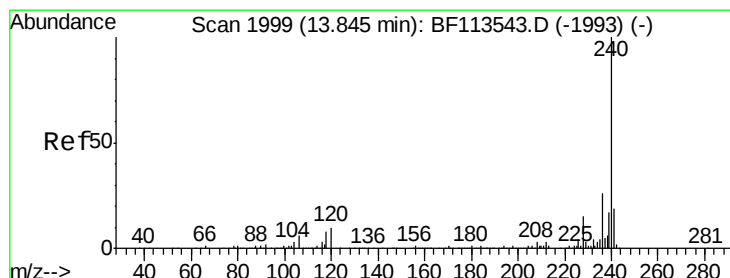
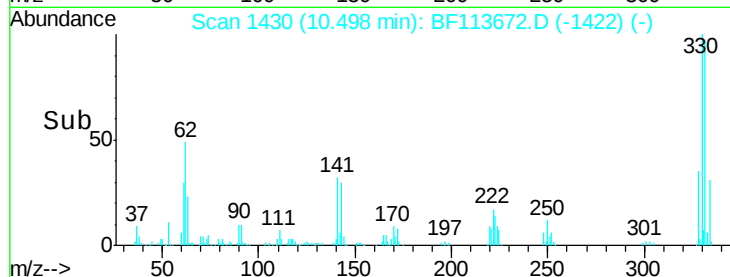
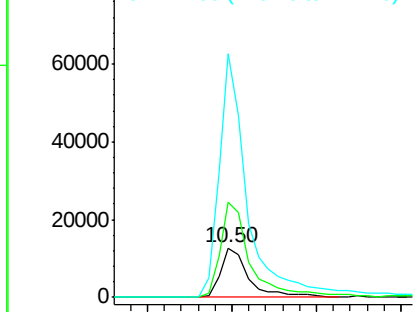
#67
4-Bromophenyl-phenylether
Concen: 4.459 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113672.D
Acq: 9 Apr 2019 20:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14900
Ion Ratio Lower Upper
248 100
250 194.4 78.3 117.5#
141 496.4 56.2 84.4#

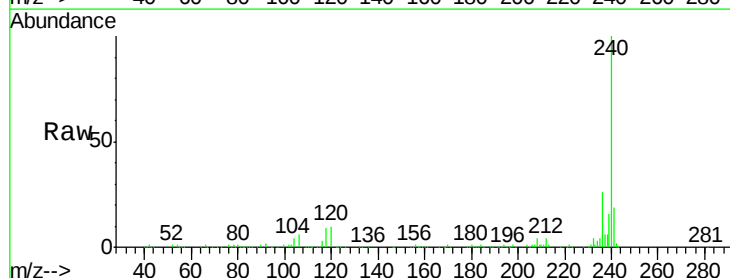


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

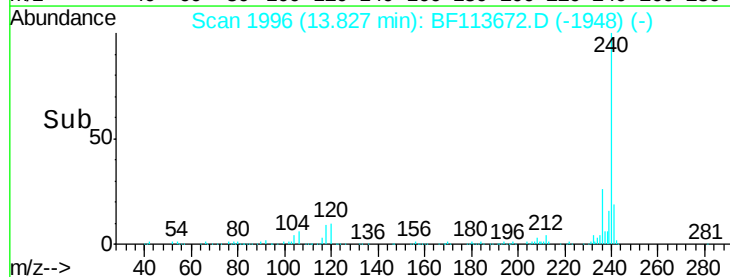
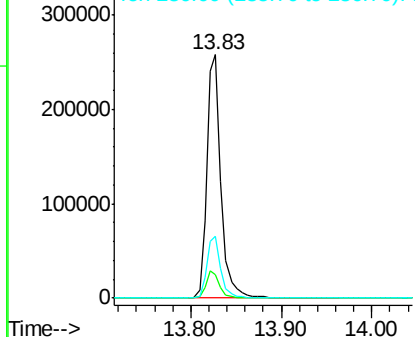


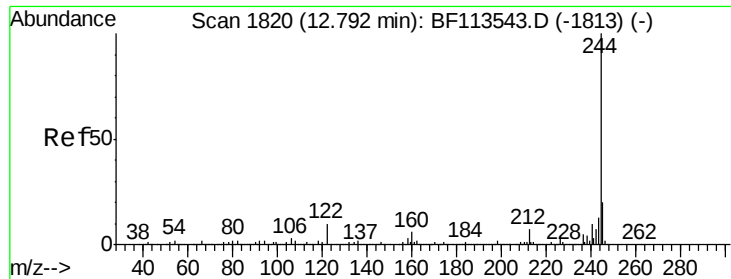
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113672.D
Acq: 9 Apr 2019 20:26

Tgt Ion:240 Resp: 281770
Ion Ratio Lower Upper
240 100
120 9.8 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: 77.722 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113672.D

Acq: 9 Apr 2019 20:26

Instrument :

BNA_F

ClientSampled :

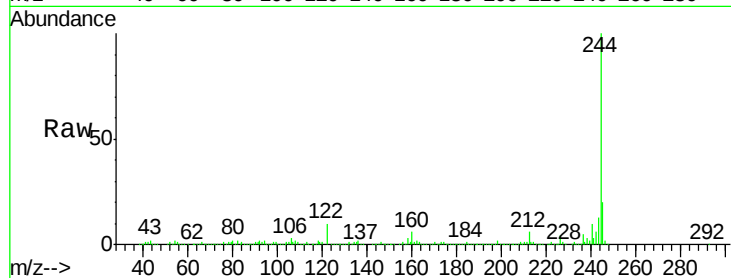
Tot Ion:244 Resp: 1075621

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

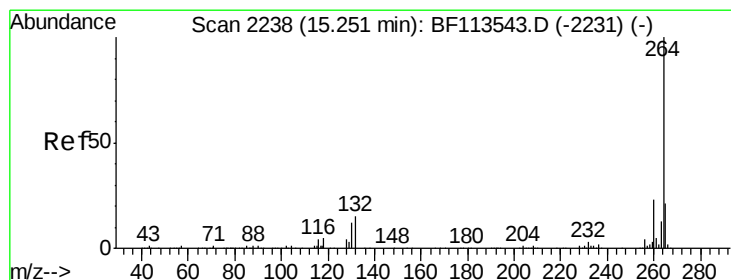
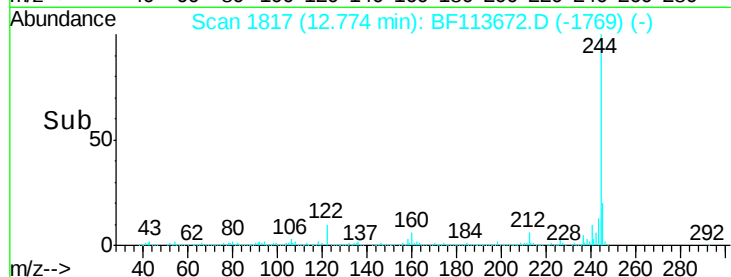
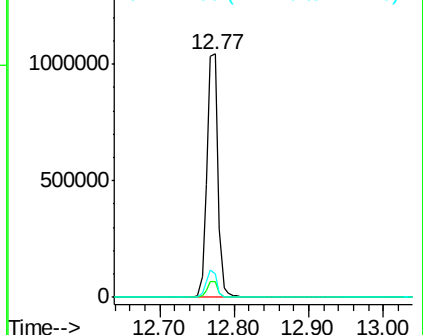
122 9.7 8.6 13.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113672.D

Acq: 9 Apr 2019 20:26

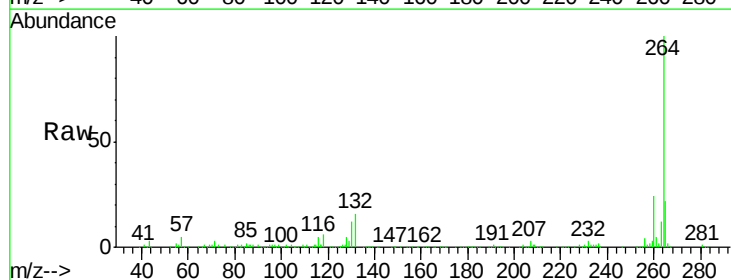
Tgt Ion:264 Resp: 264878

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.9 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

