

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113608.D
 Acq On : 5 Apr 2019 3:17
 Operator : JU/SJ
 Sample : K2221-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 03:51:54 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

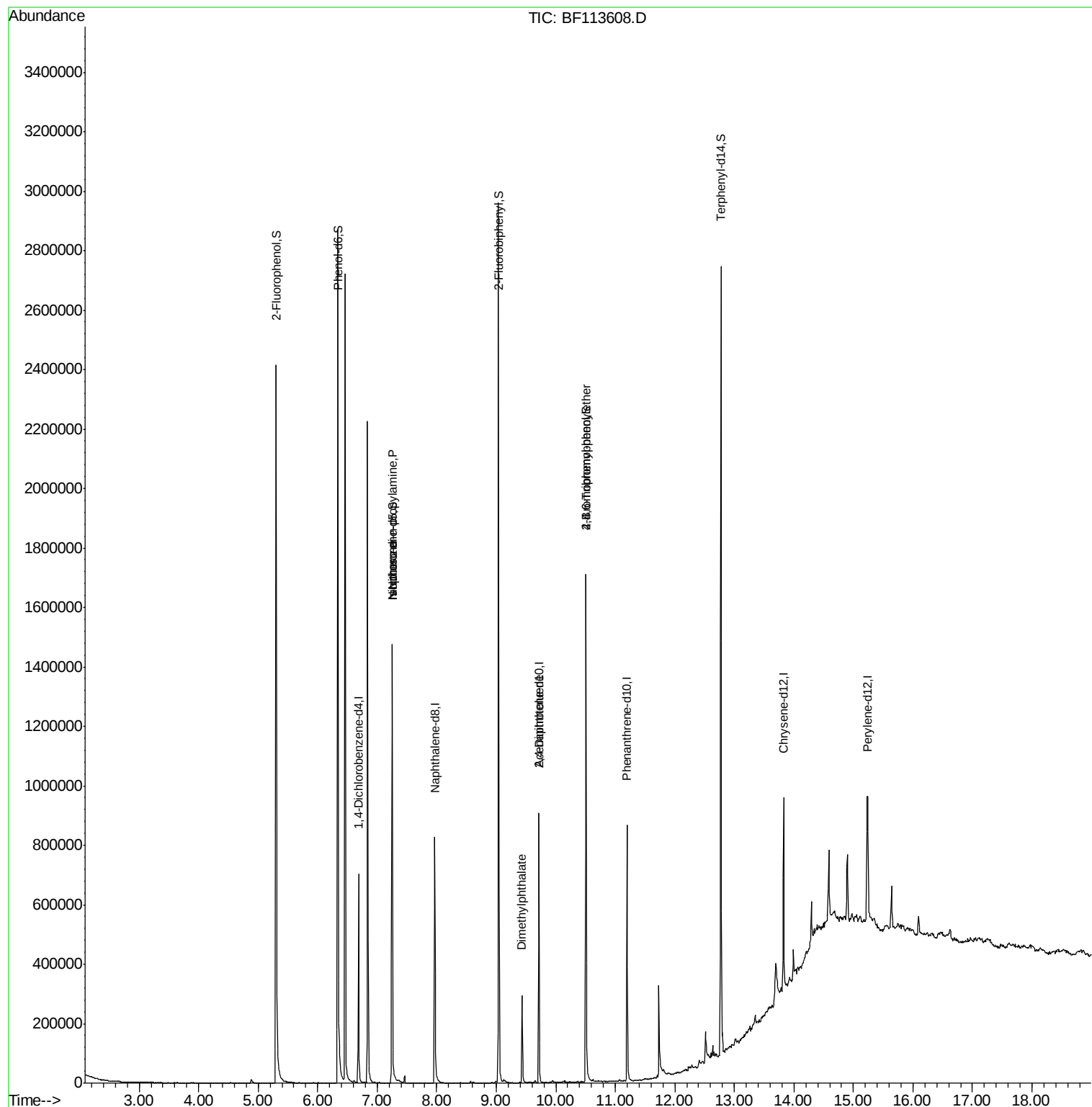
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	114166	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	398661	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	173438	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	325381	20.00	ng	0.00
76) Chrysene-d12	13.83	240	222813	20.00	ng	-0.02
87) Perylene-d12	15.23	264	174059	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	811336	121.18	ng	0.00
7) Phenol-d6	6.34	99	1020081	123.62	ng	0.00
23) Nitrobenzene-d5	7.25	82	477545	70.17	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	247659	118.87	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1038983	96.44	ng	0.00
79) Terphenyl-d14	12.77	244	1018064	93.03	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	60616	11.913	ng	# 76
25) Isophorone	7.25	82	477541	36.424	ng	# 64
50) Dimethylphthalate	9.43	163	127813	9.997	ng	100
57) 2,4-Dinitrotoluene	9.72	165	22013	6.459	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	14133	3.873	ng	# 1

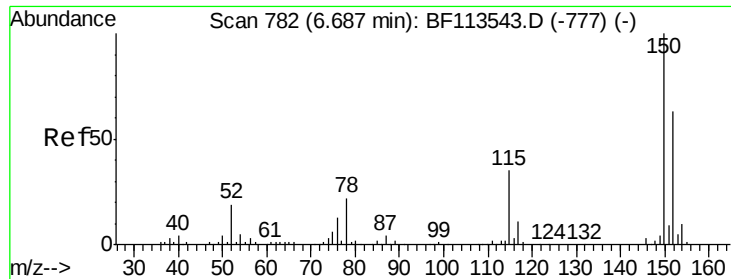
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
Data File : BF113608.D
Acq On : 5 Apr 2019 3:17
Operator : JU/SJ
Sample : K2221-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 05 03:51:54 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



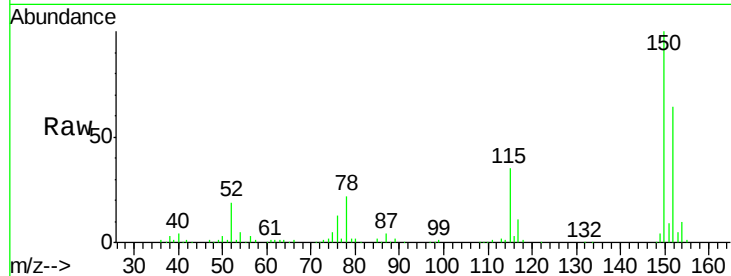


#1

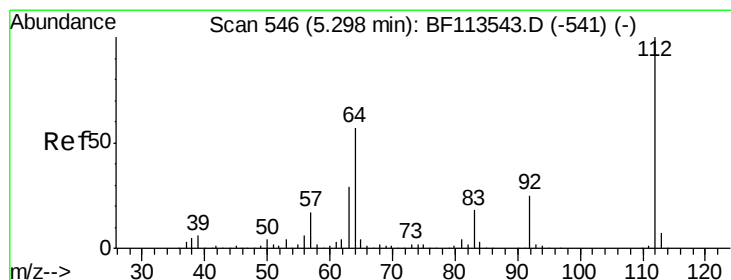
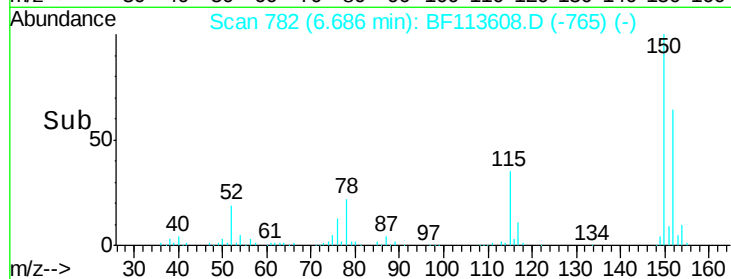
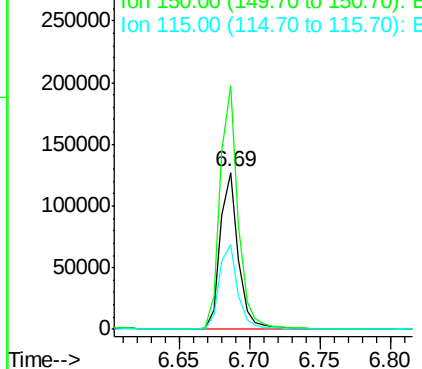
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113608.D
Acq: 5 Apr 2019 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114166
Ion Ratio Lower Upper
152 100
150 155.2 124.7 187.1
115 54.1 46.0 69.0



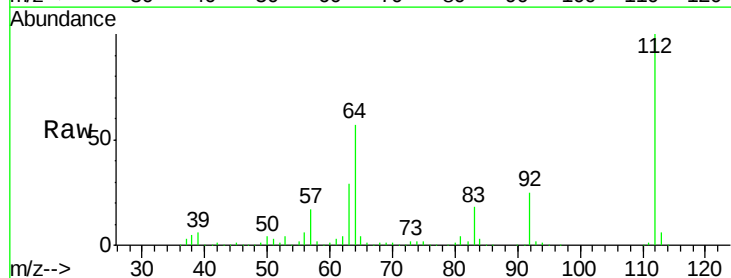
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



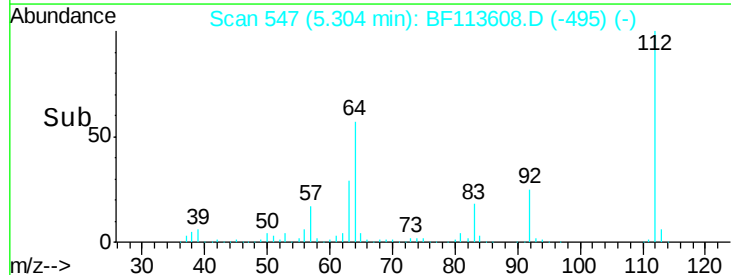
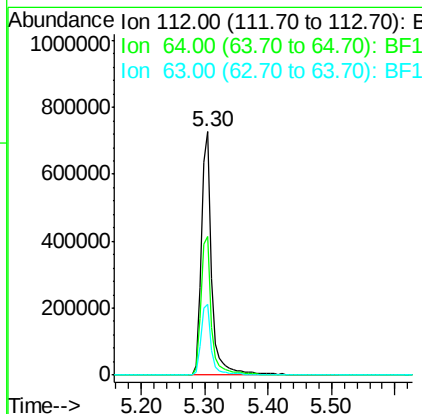
#5

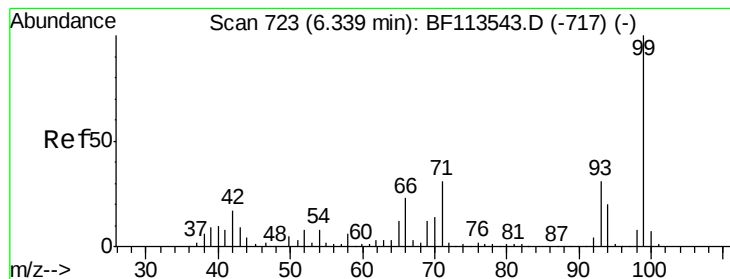
2-Fluorophenol
Concen: 121.184 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113608.D
Acq: 5 Apr 2019 3:17

Tgt Ion:112 Resp: 811336
Ion Ratio Lower Upper
112 100
64 57.0 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: 123.621 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF113608.D

Acq: 5 Apr 2019 3:17

Instrument :

BNA_F

ClientSampleId :

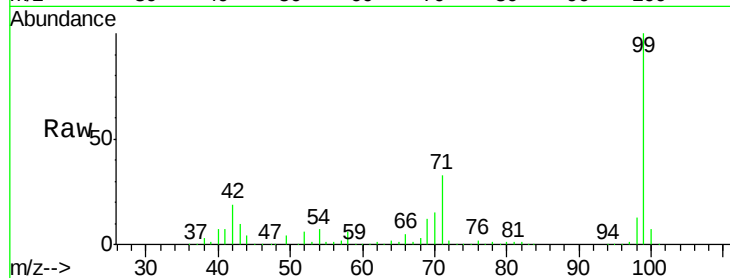
Tot Ion: 99 Resp: 1020081

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.8	22.2
71	33.2	24.9	37.3

99 100

42 19.1 14.8 22.2

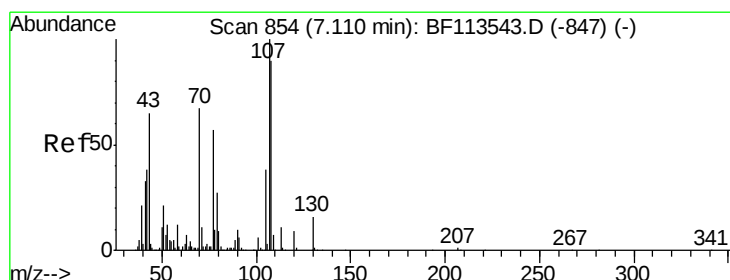
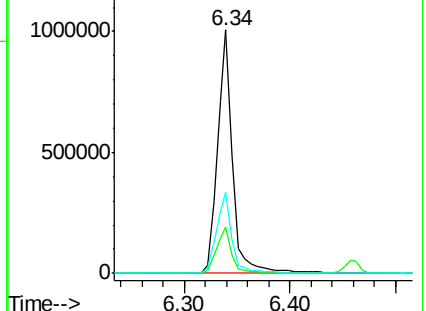
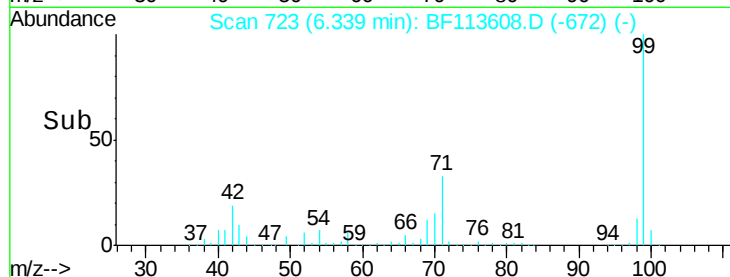
71 33.2 24.9 37.3



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: 11.913 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.14 min

Lab File: BF113608.D

Acq: 5 Apr 2019 3:17

Tgt Ion: 70 Resp: 60616

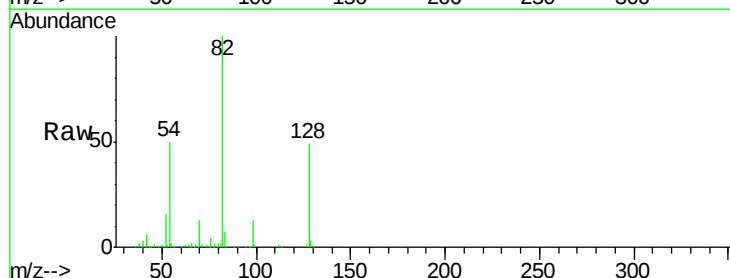
Ion	Ratio	Lower	Upper
70	100		
42	48.4	48.4	72.6#
101	0.0	7.8	11.8#
130	2.3	18.2	27.4#

70 100

42 48.4 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

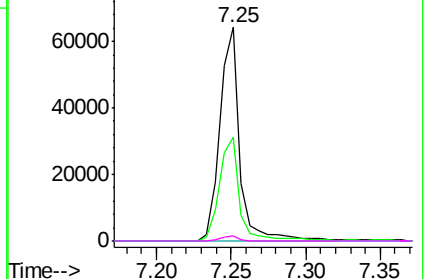
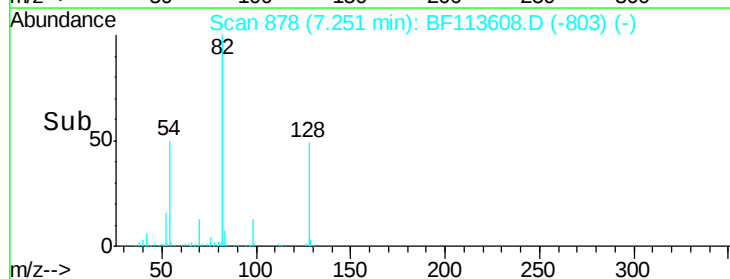


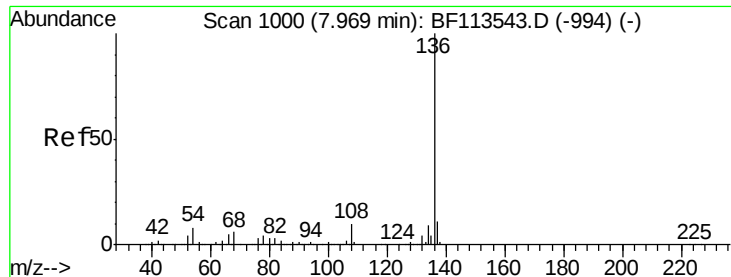
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113608.D

Acq: 5 Apr 2019 3:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 398661

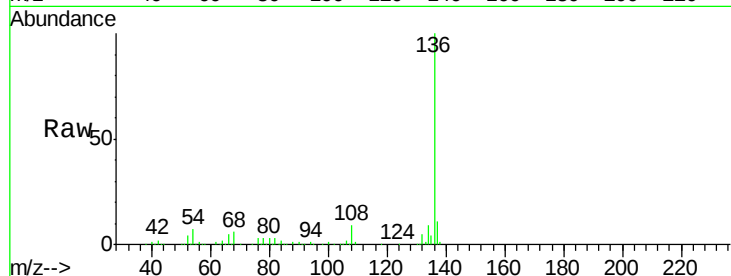
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.5 7.0 10.6

68 5.8 4.8 7.2

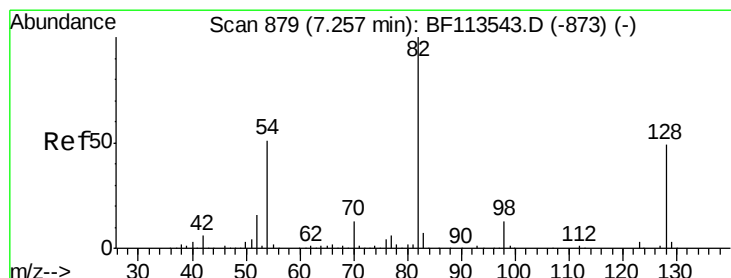
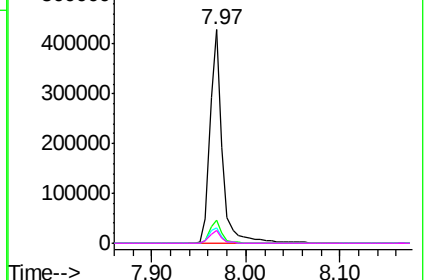
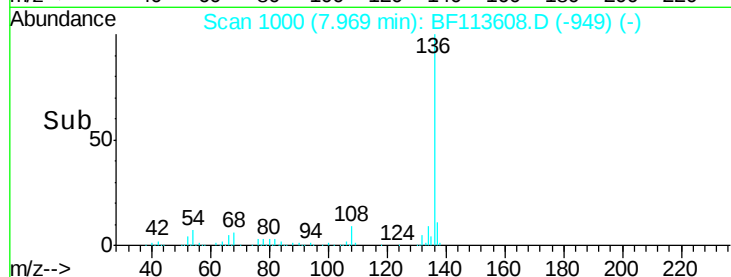


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.166 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113608.D

Acq: 5 Apr 2019 3:17

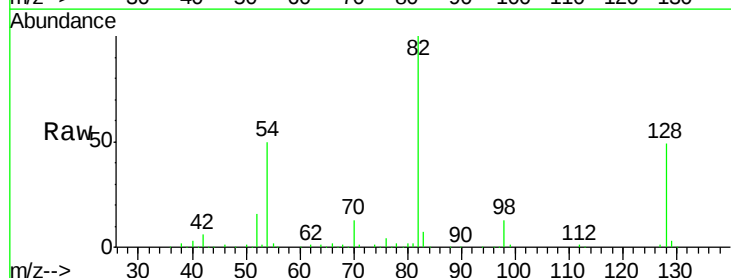
Tgt Ion: 82 Resp: 477545

Ion Ratio Lower Upper

82 100

128 49.0 36.5 54.7

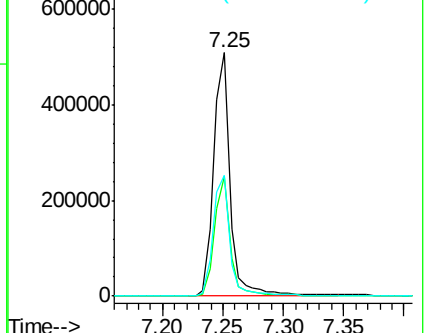
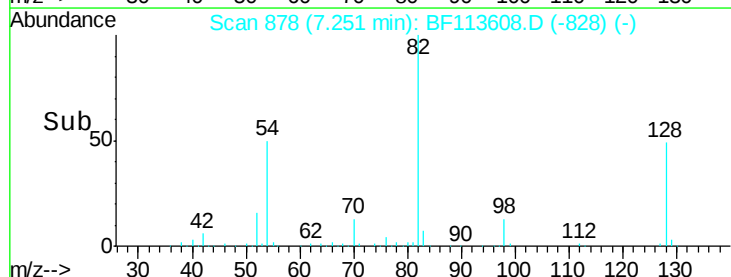
54 49.7 42.2 63.2

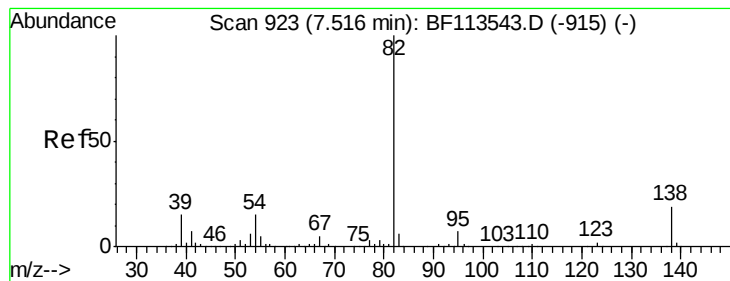


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.424 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.26 min

Lab File: BF113608.D

Acq: 5 Apr 2019 3:17

Instrument :

BNA_F

ClientSampleId :

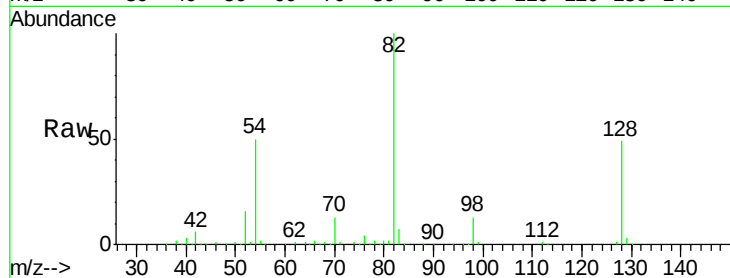
Tot Ion: 82 Resp: 477541

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

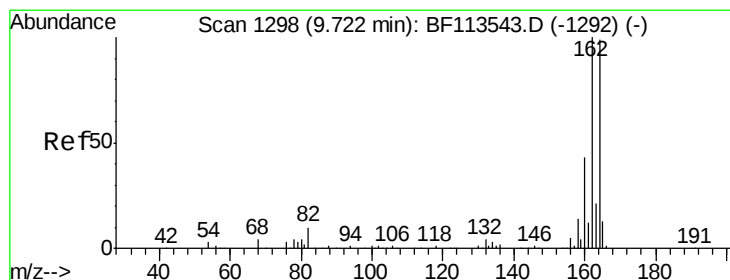
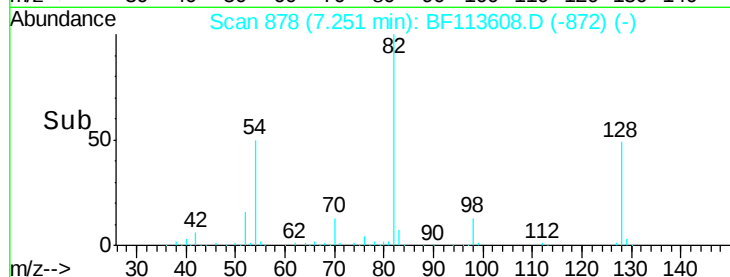
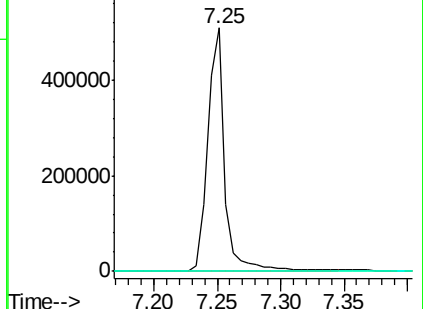
138 0.0 15.2 22.8#



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: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113608.D

Acq: 5 Apr 2019 3:17

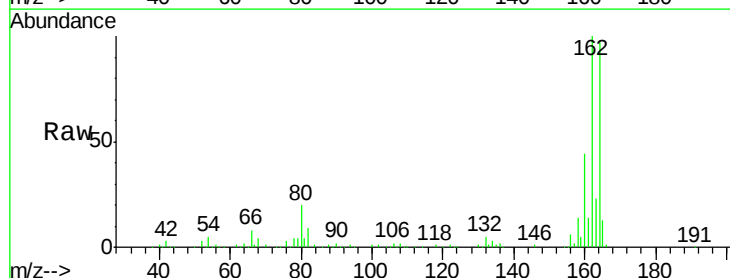
Tgt Ion: 164 Resp: 173438

Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

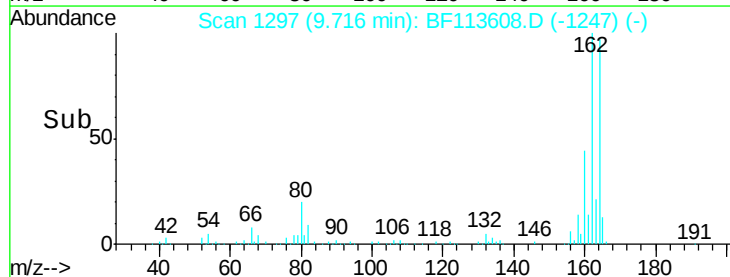
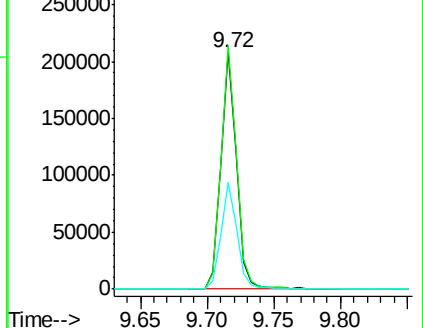
160 44.8 36.4 54.6

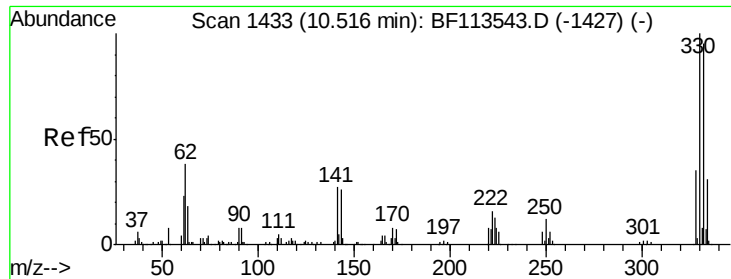


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

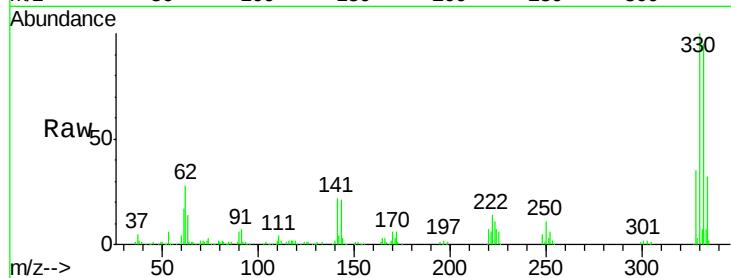




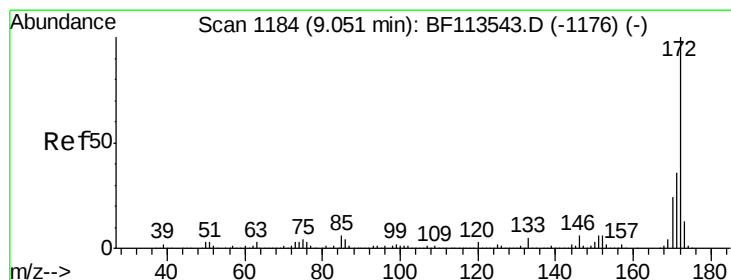
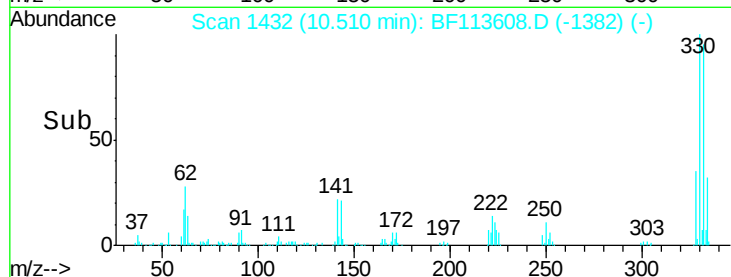
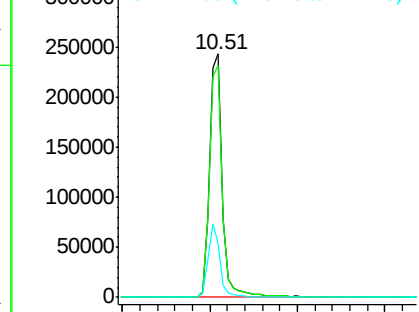
#42
 2,4,6-Tribromophenol
 Concen: 118.872 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113608.D
 Acq: 5 Apr 2019 3:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 247659
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.8 116.6
 141 28.1 22.7 34.1

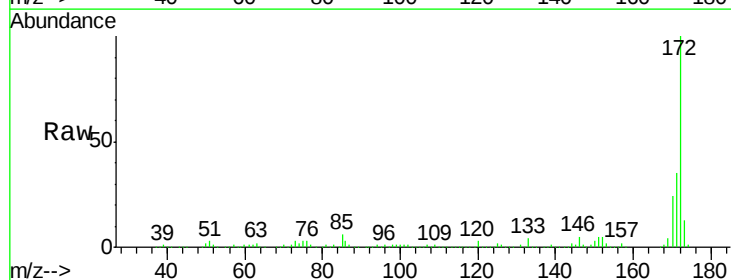


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

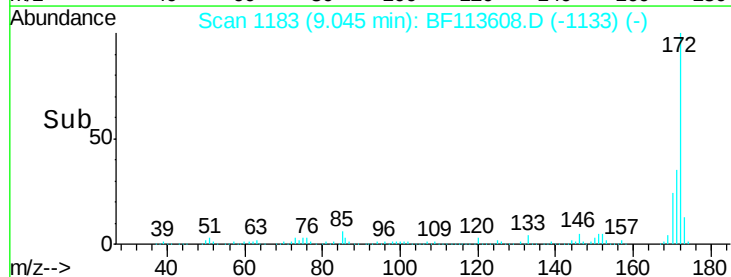
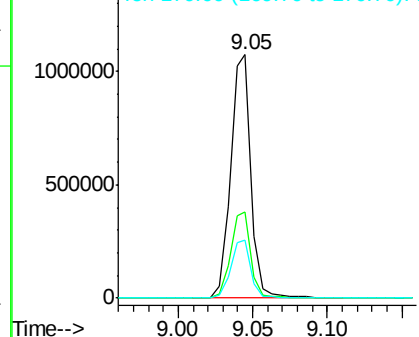


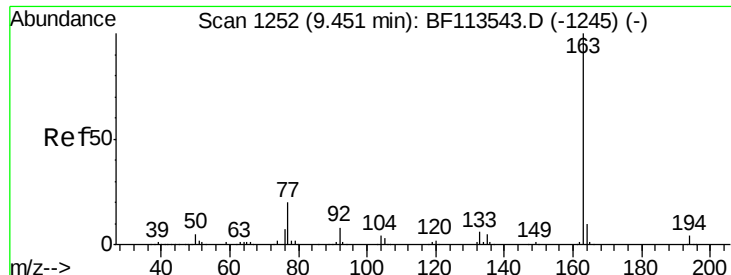
#45
 2-Fluorobiphenyl
 Concen: 96.441 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113608.D
 Acq: 5 Apr 2019 3:17

Tgt Ion:172 Resp: 1038983
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.6
 170 23.6 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

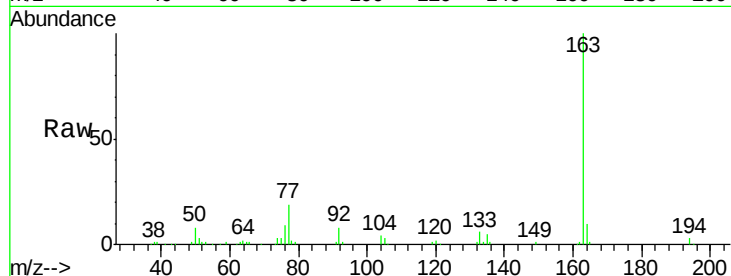




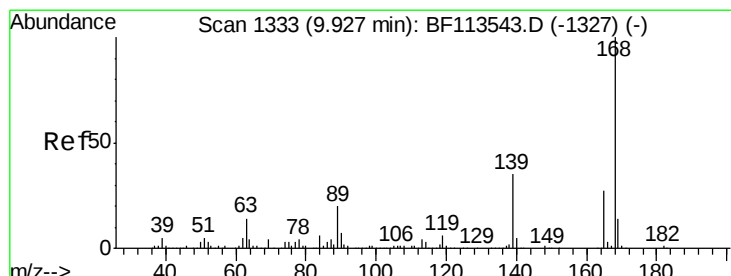
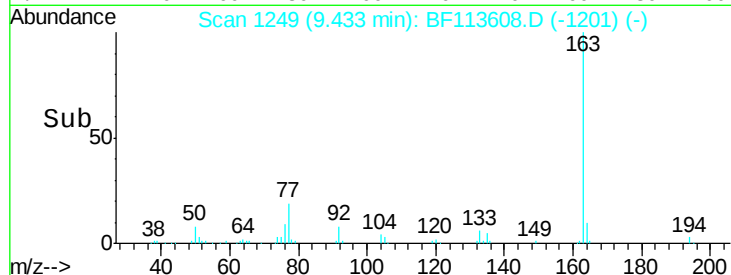
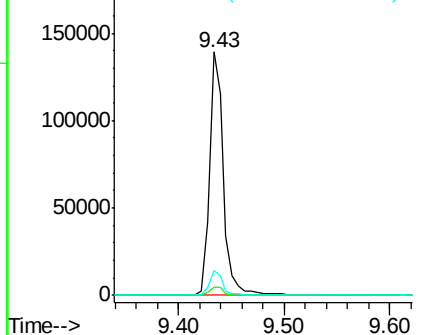
#50
Dimethylphthalate
Concen: 9.997 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113608.D
Acq: 5 Apr 2019 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	10.1	8.1	12.1

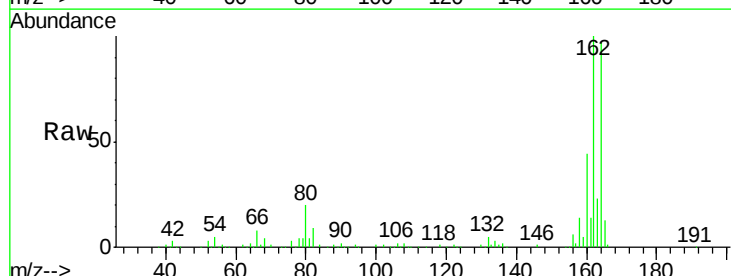


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

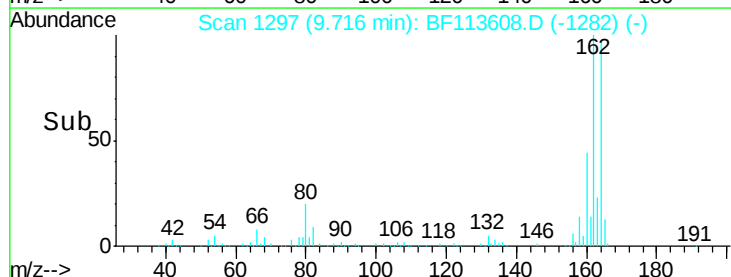
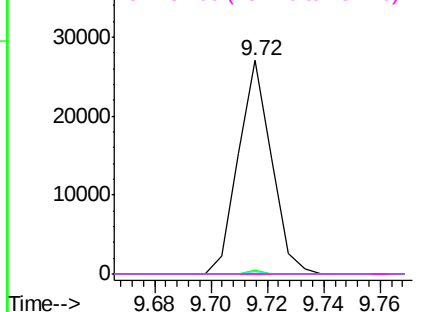


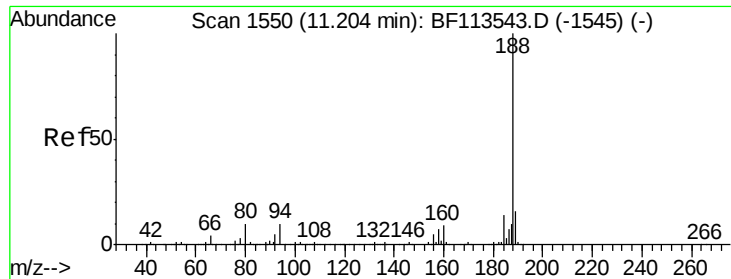
#57
2,4-Dinitrotoluene
Concen: 6.459 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF113608.D
Acq: 5 Apr 2019 3:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	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

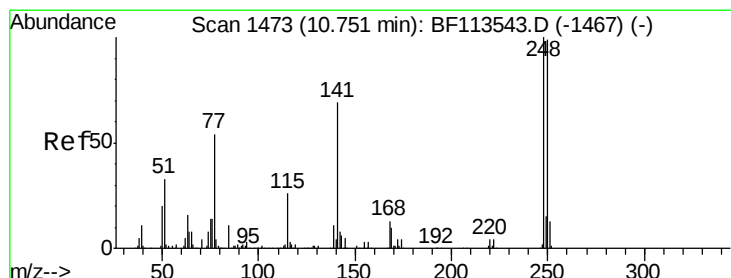
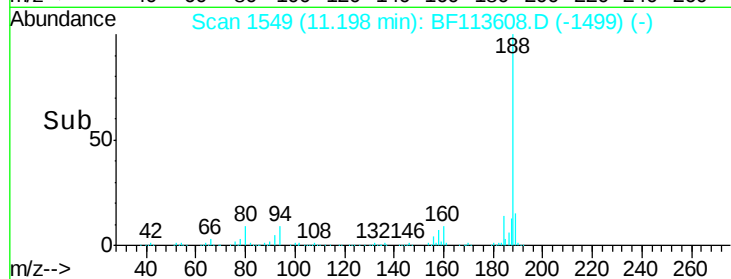
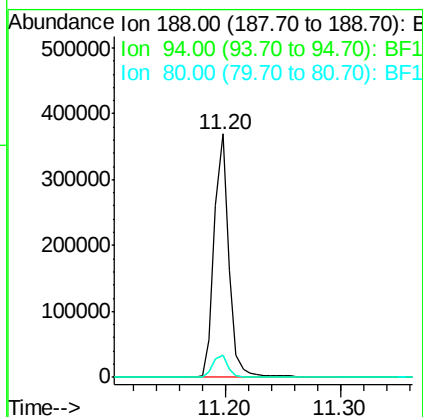
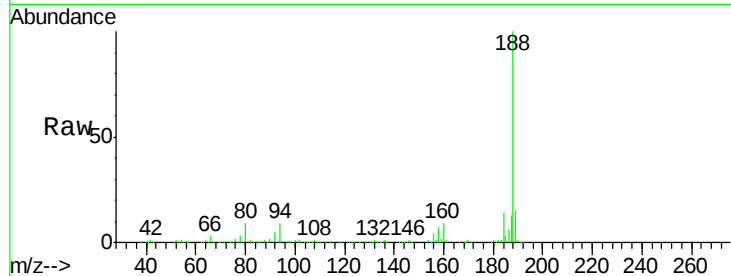




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113608.D
Acq: 5 Apr 2019 3:17

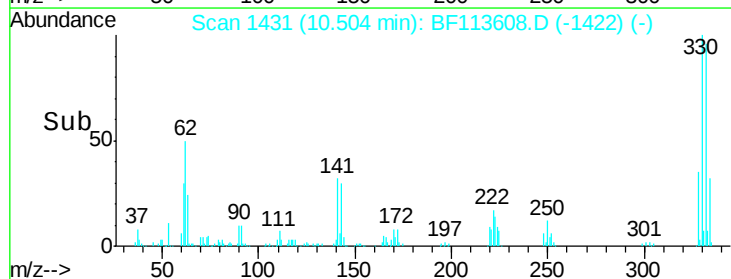
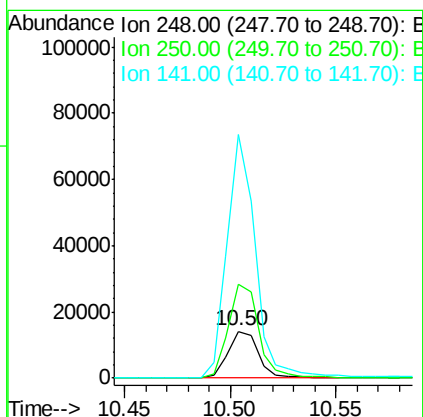
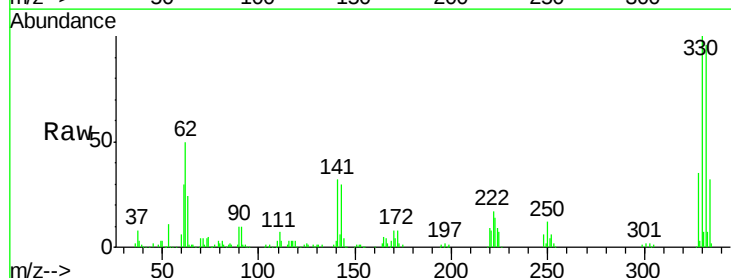
Instrument :
BNA_F
ClientSampleId :

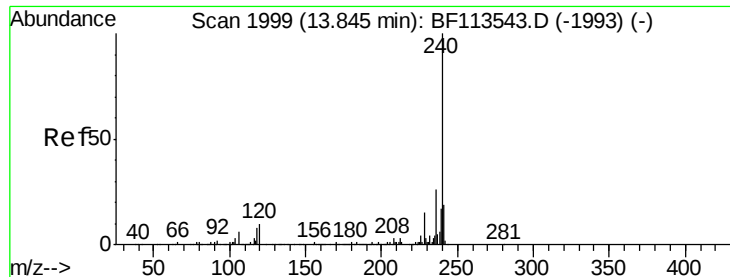
Tot Ion:188 Resp: 325381
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.0 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.873 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF113608.D
Acq: 5 Apr 2019 3:17

Tgt Ion:248 Resp: 14133
Ion Ratio Lower Upper
248 100
250 199.4 78.3 117.5#
141 517.7 56.2 84.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113608.D

Acq: 5 Apr 2019 3:17

Instrument :

BNA_F

ClientSampleId :

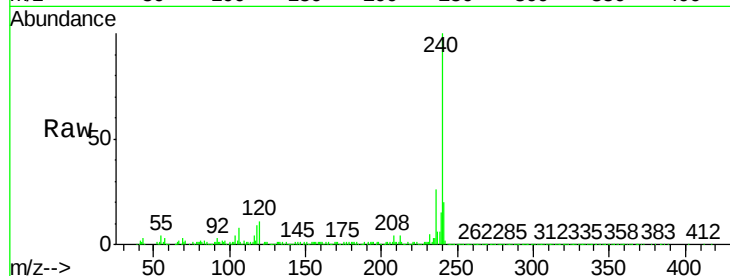
Tot Ion:240 Resp: 222813

Ion Ratio Lower Upper

240 100

120 11.3 8.8 13.2

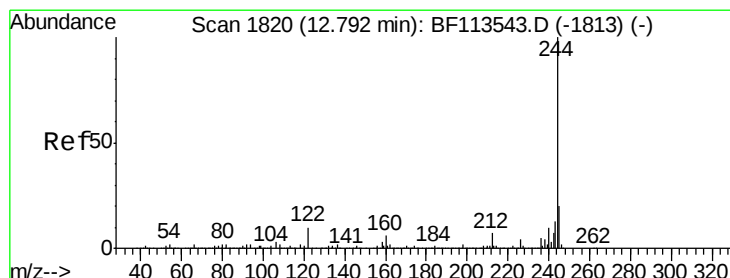
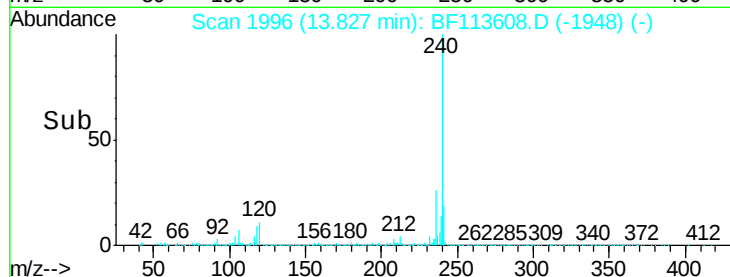
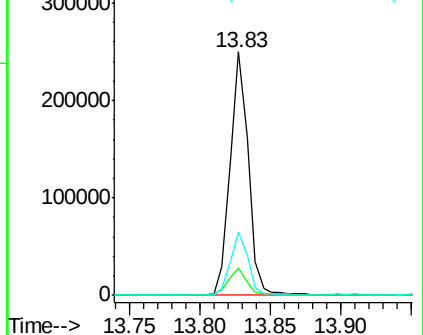
236 25.9 20.9 31.3



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: 93.028 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113608.D

Acq: 5 Apr 2019 3:17

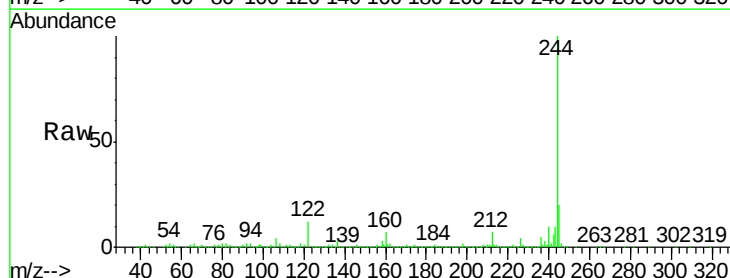
Tgt Ion:244 Resp: 1018064

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

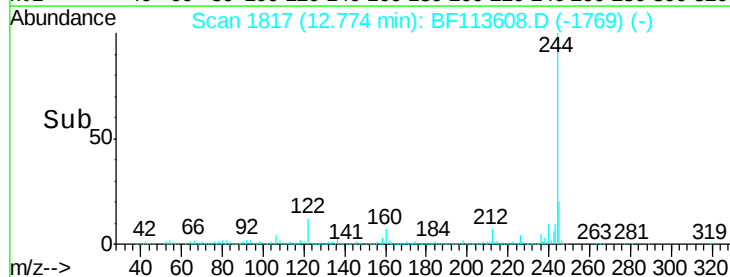
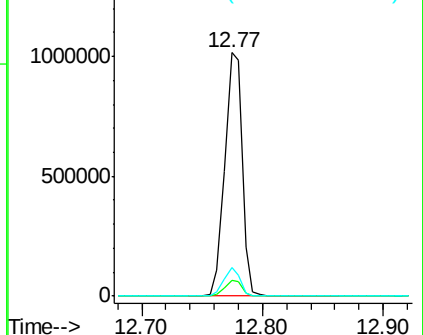
122 11.6 8.6 13.0

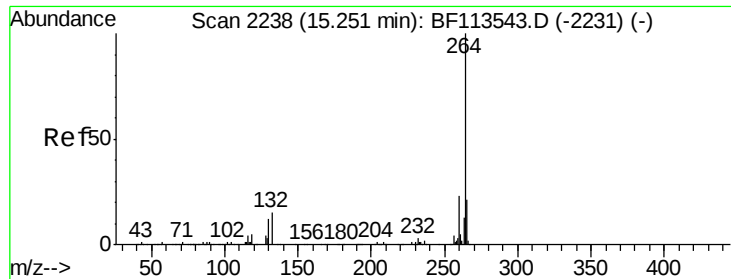


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

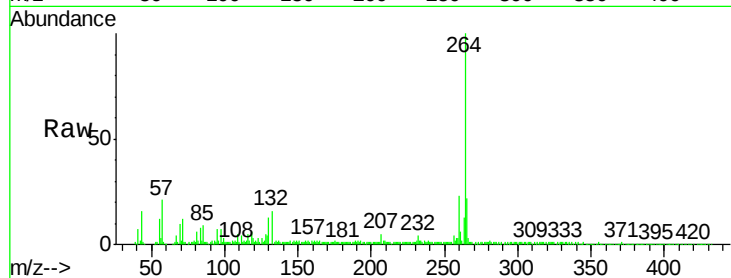




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113608.D
 Acq: 5 Apr 2019 3:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.9	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

