

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113603.D
 Acq On : 5 Apr 2019 00:55
 Operator : JU/SJ
 Sample : K2193-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-B

Quant Time: Apr 05 06:03:57 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

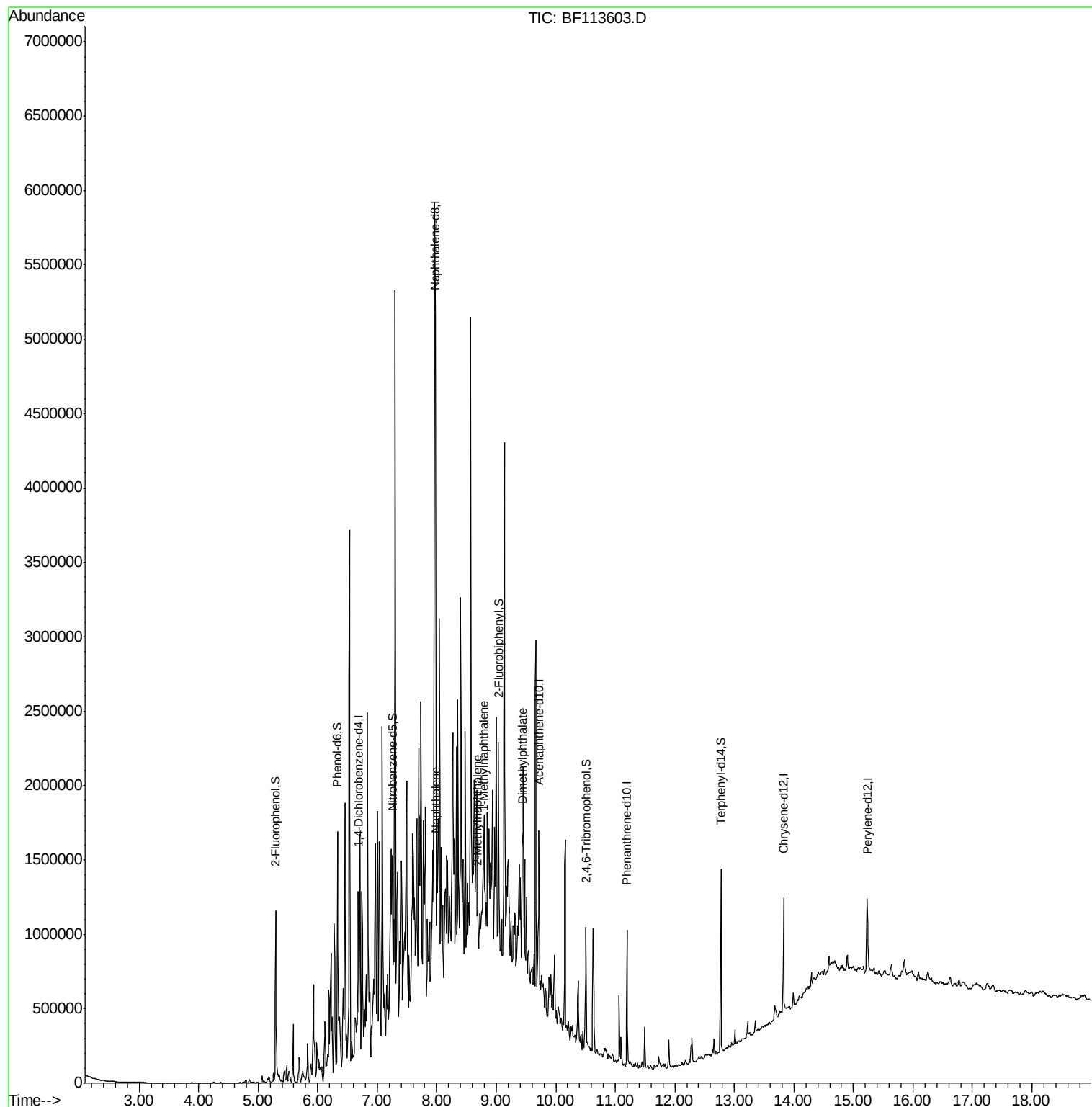
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	132155	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	330033	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	198201	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	371750	20.00	ng	0.00
76) Chrysene-d12	13.83	240	269897	20.00	ng	-0.02
87) Perylene-d12	15.23	264	215598	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	399432	51.54	ng	0.00
7) Phenol-d6	6.33	99	513191	53.73	ng	0.00
23) Nitrobenzene-d5	7.25	82	249981	44.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	111534	46.85	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	487231	39.58	ng	0.00
79) Terphenyl-d14	12.77	244	461664	34.83	ng	-0.02
Target Compounds						
31) Naphthalene	7.99	128	32796	2.051	ng	Qvalue # 62
37) 2-Methylnaphthalene	8.69	142	92843	8.828	ng	98
38) 1-Methylnaphthalene	8.78	142	82638	8.149	ng	# 99
50) Dimethylphthalate	9.43	163	57334	3.924	ng	# 88

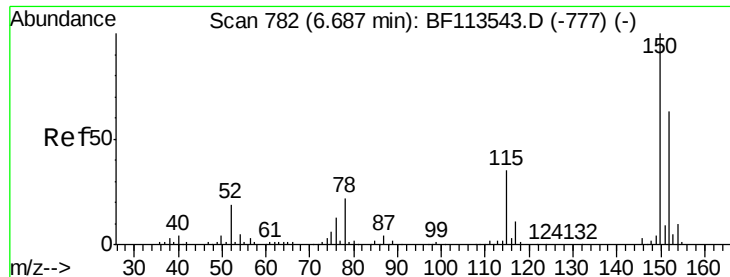
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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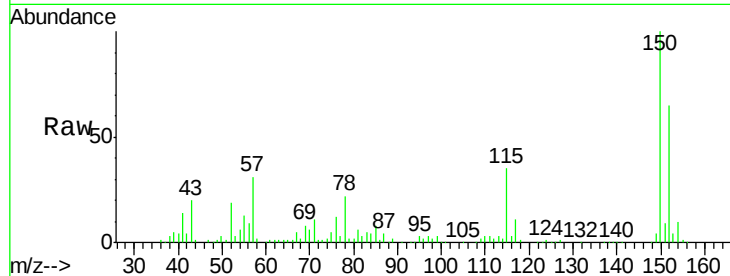


#1

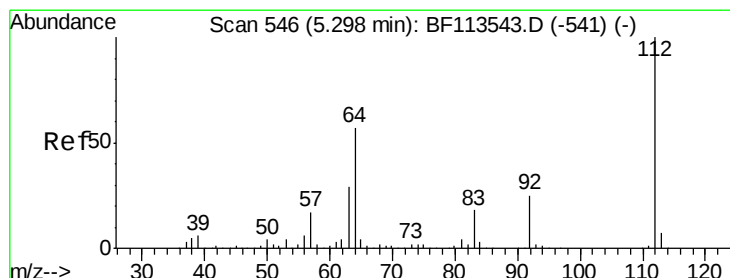
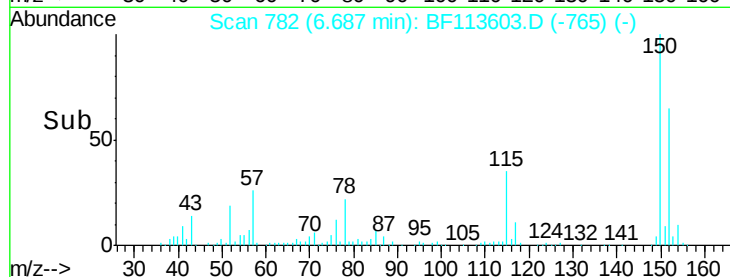
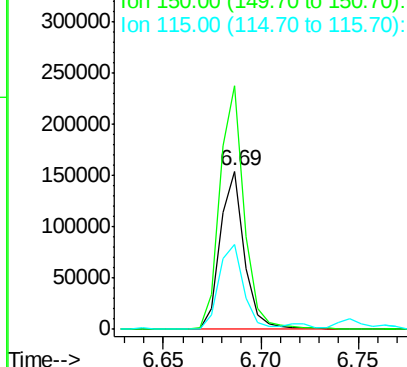
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-B

Tgt Ion:152 Resp: 132155
Ion Ratio Lower Upper
152 100
150 153.6 124.7 187.1
115 53.6 46.0 69.0



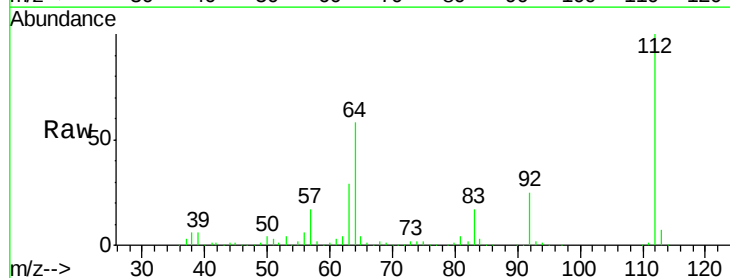
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



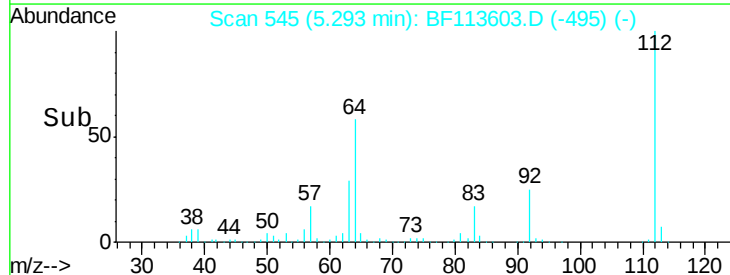
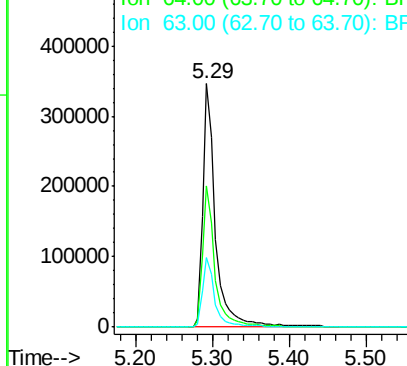
#5

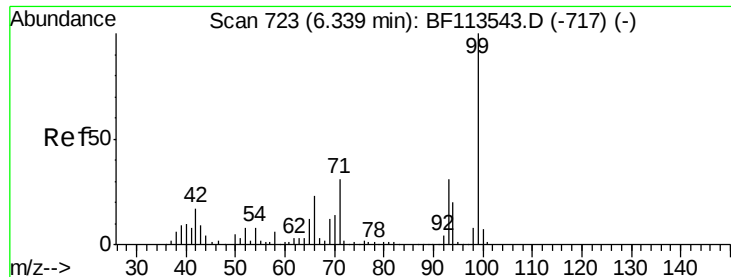
2-Fluorophenol
Concen: 51.540 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Tgt Ion:112 Resp: 399432
Ion Ratio Lower Upper
112 100
64 57.9 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: 53.727 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113603.D

Acq: 5 Apr 2019 00:55

Instrument :

BNA_F

ClientSampleId :

HR-06-040319-B

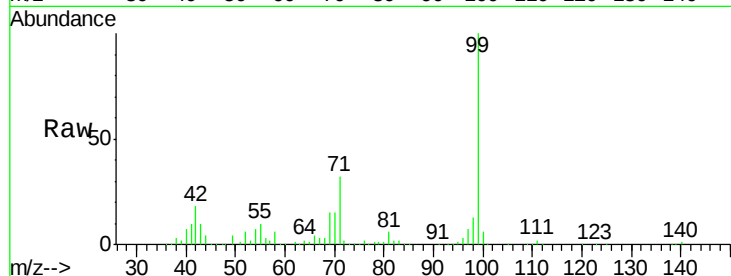
Tgt Ion: 99 Resp: 513191

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

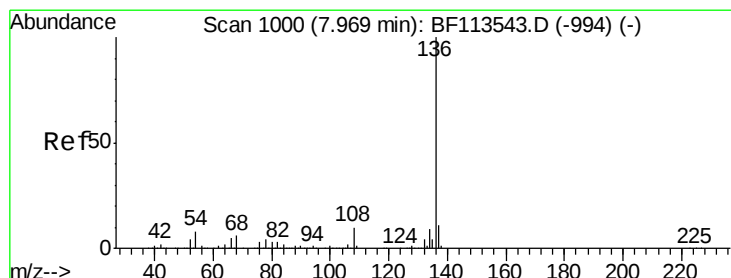
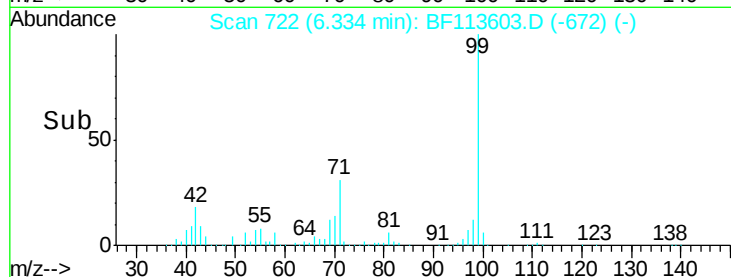
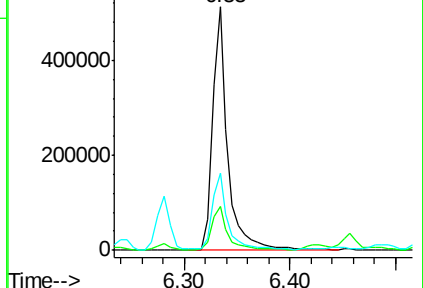
71 31.5 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113603.D

Acq: 5 Apr 2019 00:55

Tgt Ion: 136 Resp: 330033

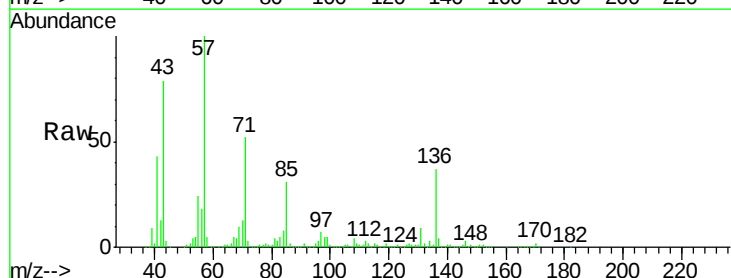
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 13.9 7.0 10.6#

68 10.3 4.8 7.2#

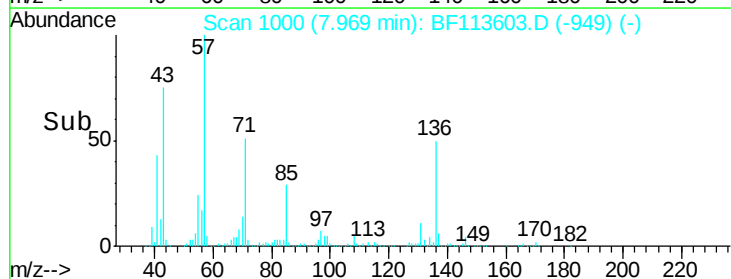
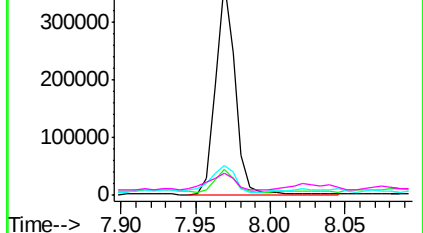


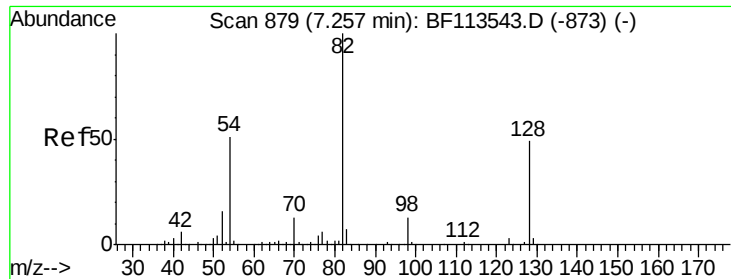
Abundance Ion 136.00 (135.70 to 136.70): E

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

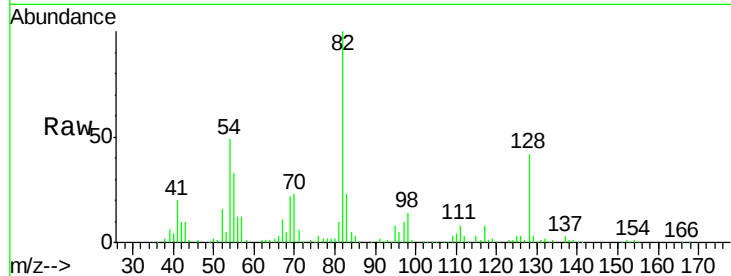




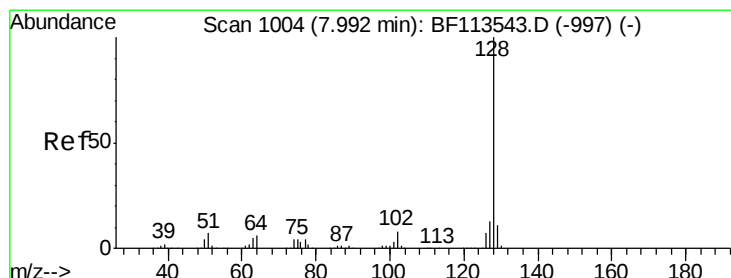
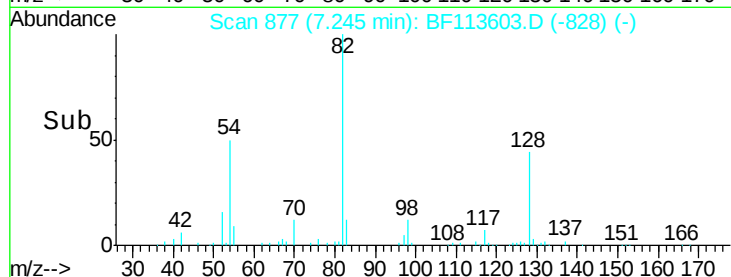
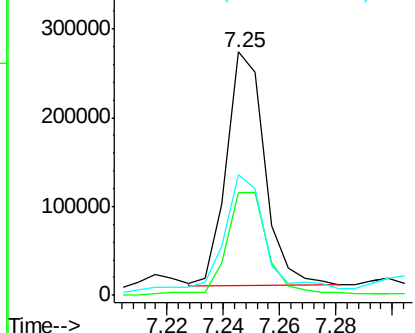
#23
Nitrobenzene-d5
Concen: 44.367 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-B

Tgt Ion: 82 Resp: 249981
Ion Ratio Lower Upper
82 100
128 42.1 36.5 54.7
54 49.4 42.2 63.2

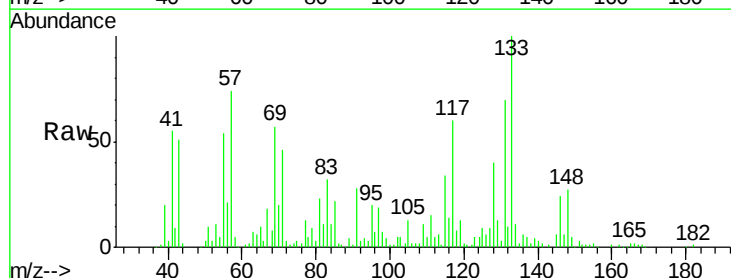


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

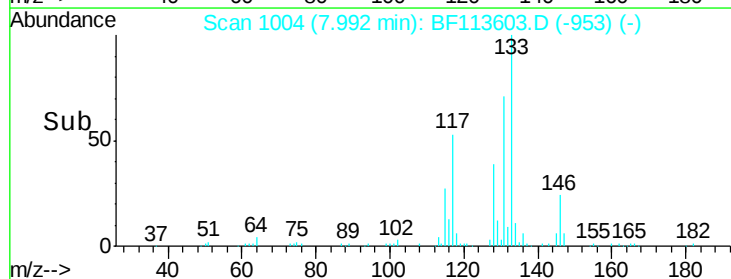
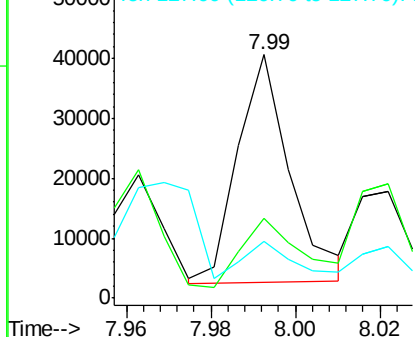


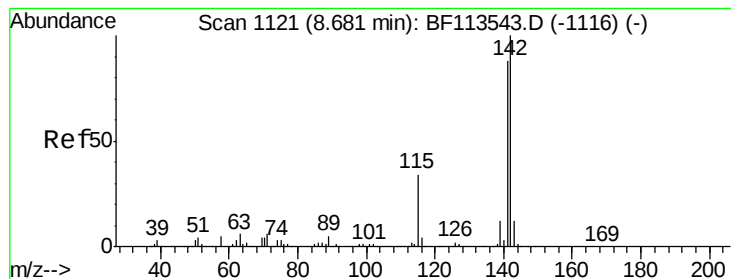
#31
Naphthalene
Concen: 2.051 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Tgt Ion: 128 Resp: 32796
Ion Ratio Lower Upper
128 100
129 32.7 9.3 13.9#
127 23.4 10.9 16.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 8.828 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF113603.D

Acq: 5 Apr 2019 00:55

Instrument :

BNA_F

ClientSampleId :

HR-06-040319-B

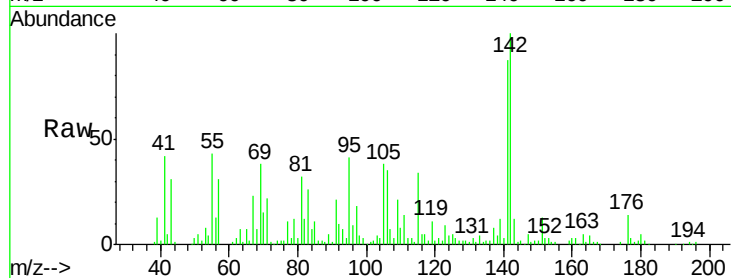
Tgt Ion:142 Resp: 92843

Ion Ratio Lower Upper

142 100

141 86.5 71.0 106.6

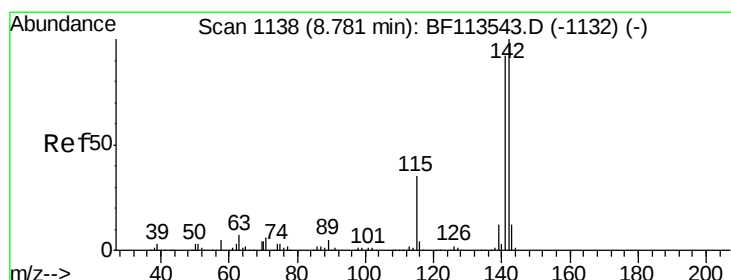
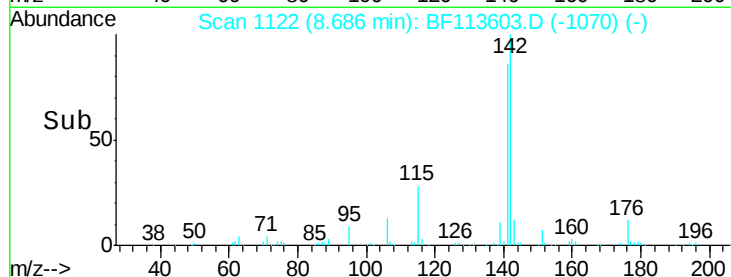
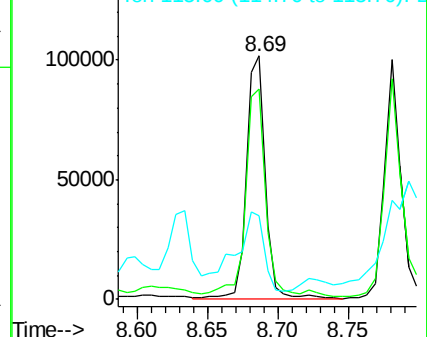
115 34.4 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 8.149 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF113603.D

Acq: 5 Apr 2019 00:55

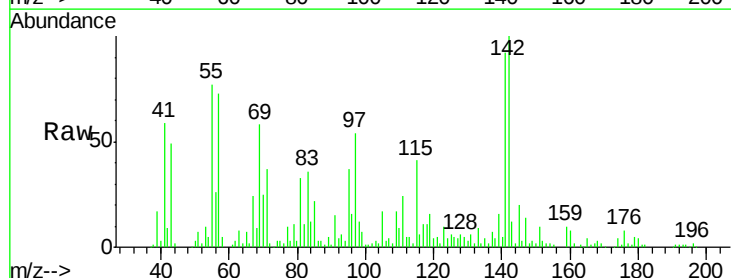
Tgt Ion:142 Resp: 82638

Ion Ratio Lower Upper

142 100

141 92.4 73.2 109.8

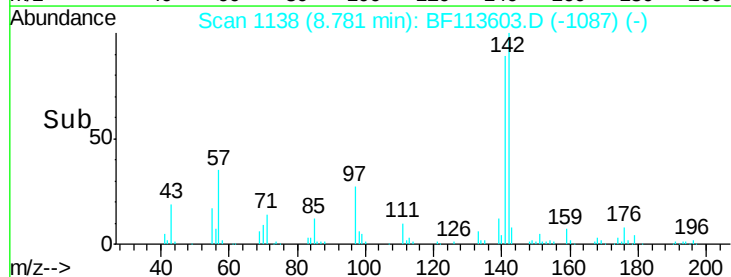
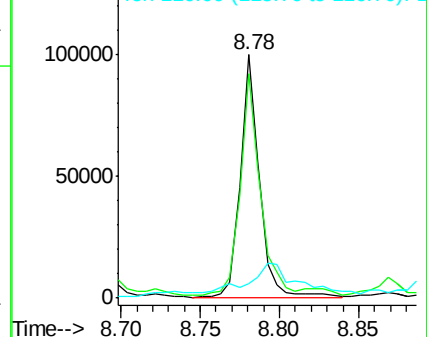
116 6.1 3.0 4.4#

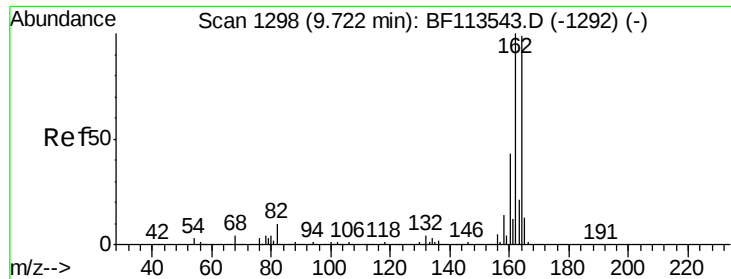


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

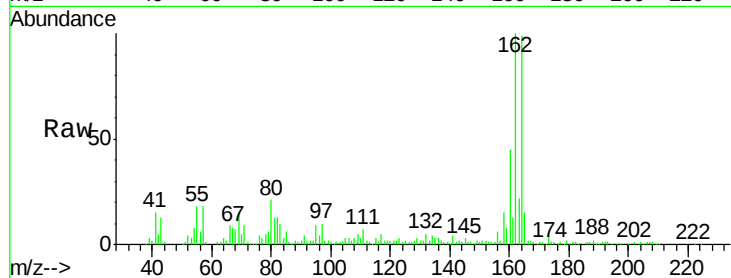




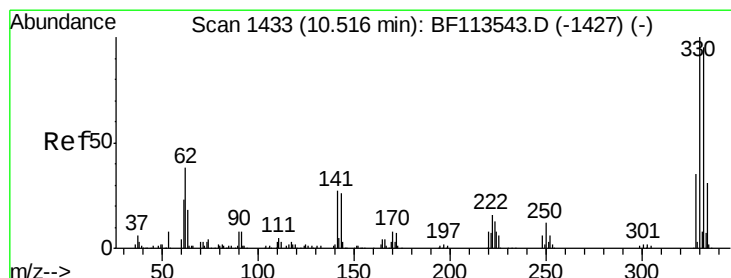
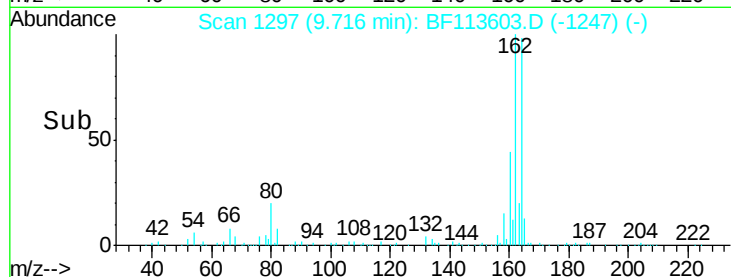
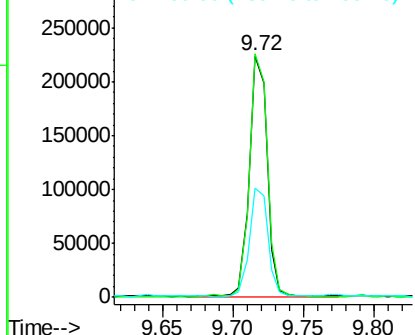
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113603.D
 Acq: 5 Apr 2019 00:55

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-B

Tgt Ion:164 Resp: 198201
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.8 122.6
 160 45.4 36.4 54.6

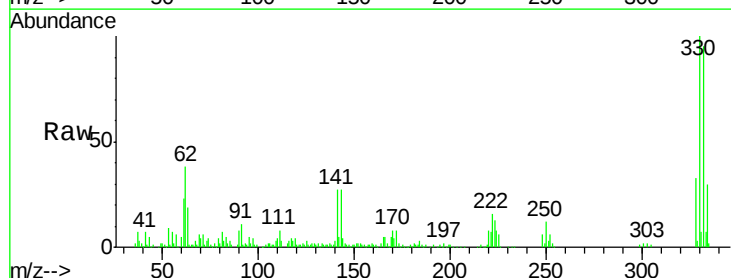


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

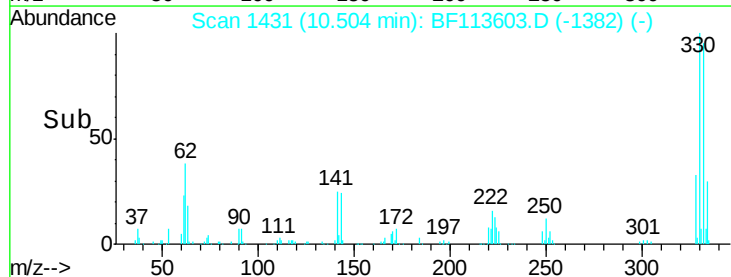
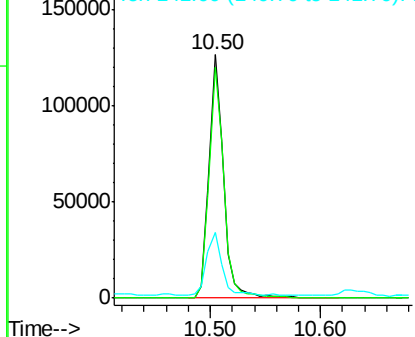


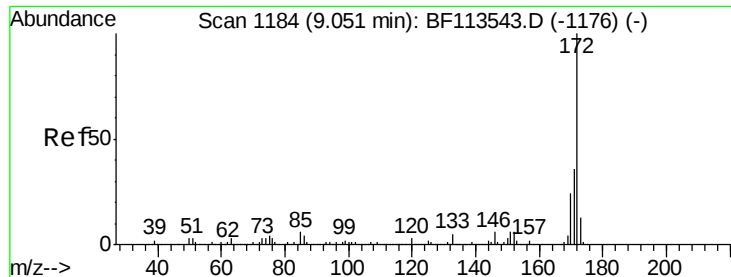
#42
 2,4,6-Tribromophenol
 Concen: 46.846 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113603.D
 Acq: 5 Apr 2019 00:55

Tgt Ion:330 Resp: 111534
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.6
 141 27.0 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

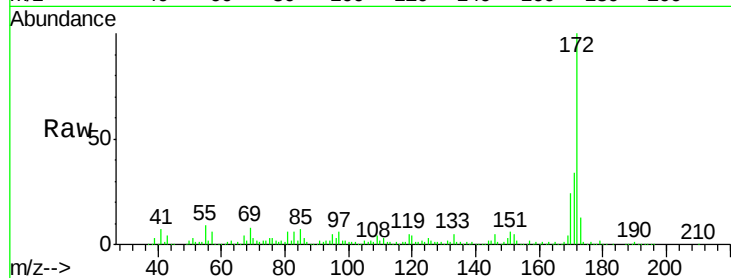




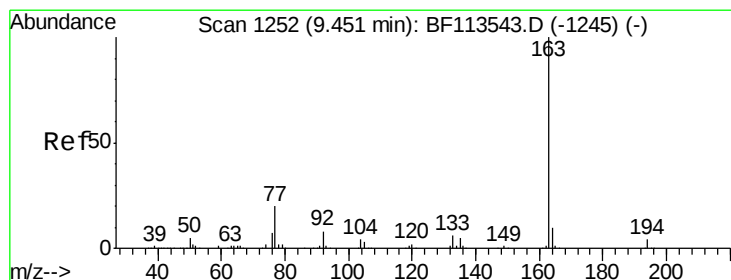
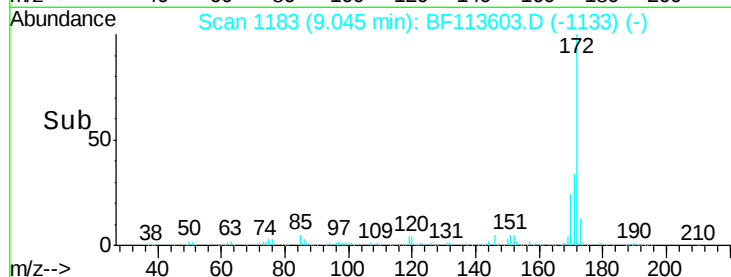
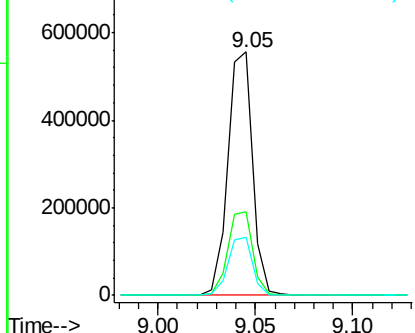
#45
2-Fluorobiphenyl
Concen: 39.575 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-B

Tgt Ion:172 Resp: 487231
Ion Ratio Lower Upper
172 100
171 34.3 29.0 43.6
170 23.7 19.5 29.3

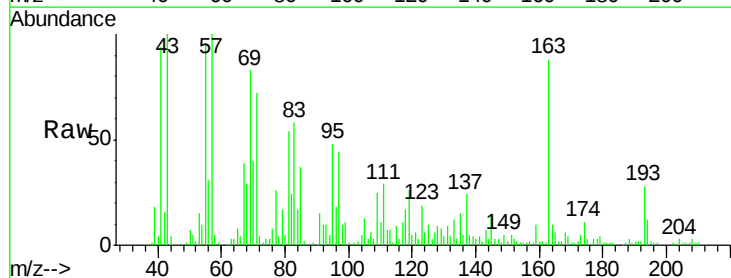


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

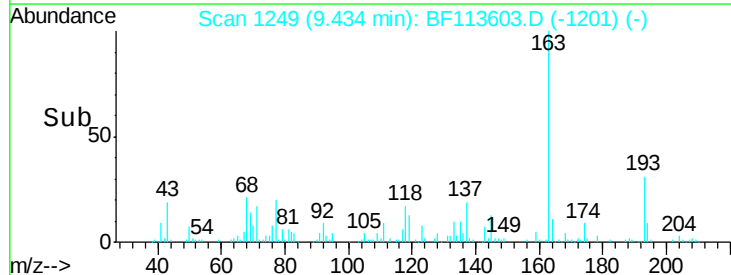
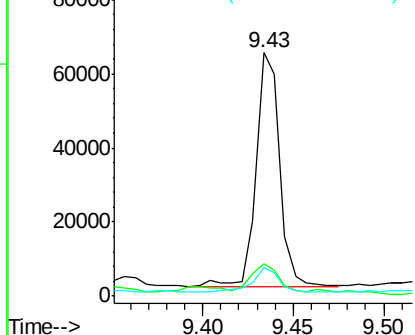


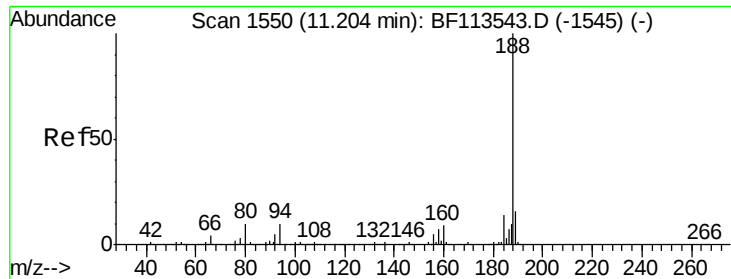
#50
Dimethylphthalate
Concen: 3.924 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Tgt Ion:163 Resp: 57334
Ion Ratio Lower Upper
163 100
194 13.5 3.0 4.6#
164 11.9 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

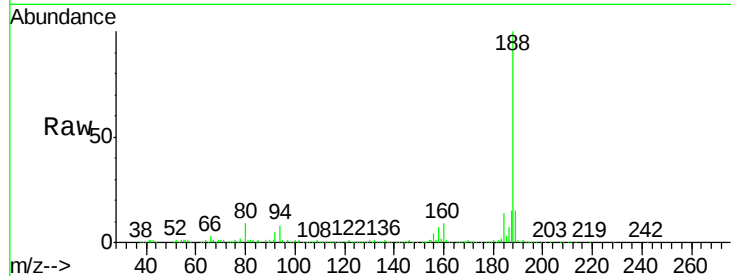




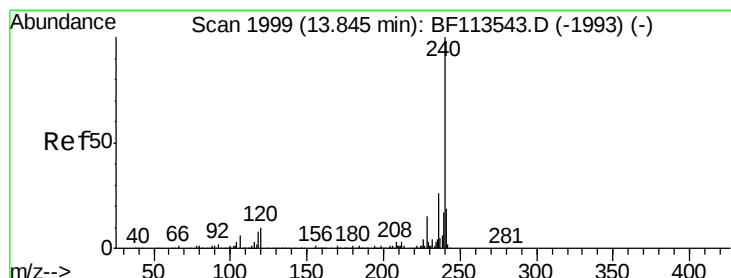
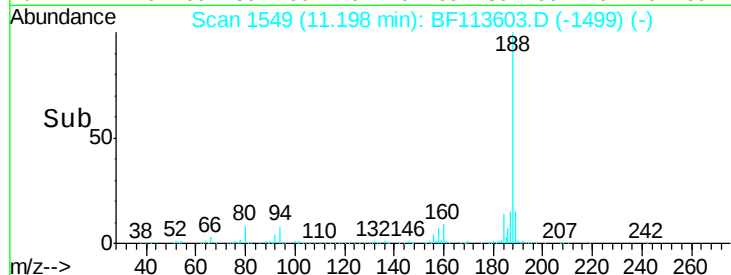
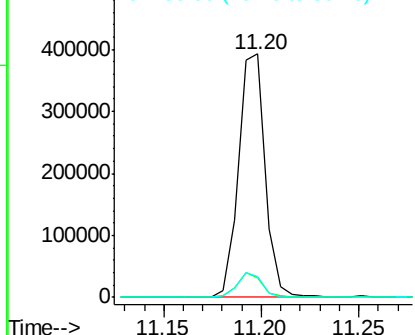
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-B

Tgt Ion:188 Resp: 371750
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.6 7.7 11.5

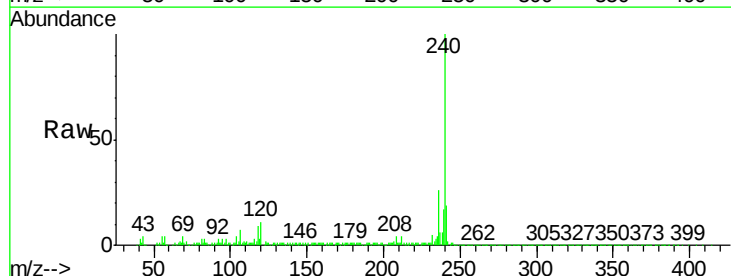


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

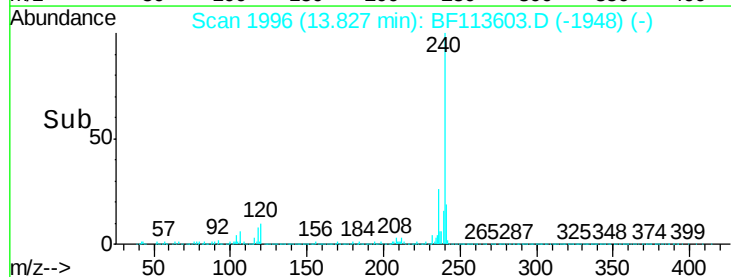
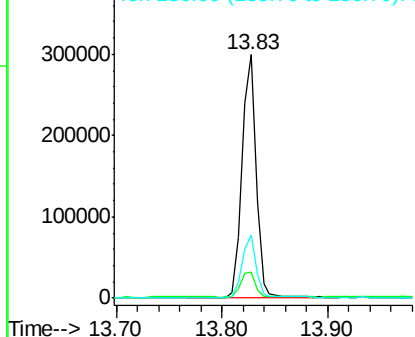


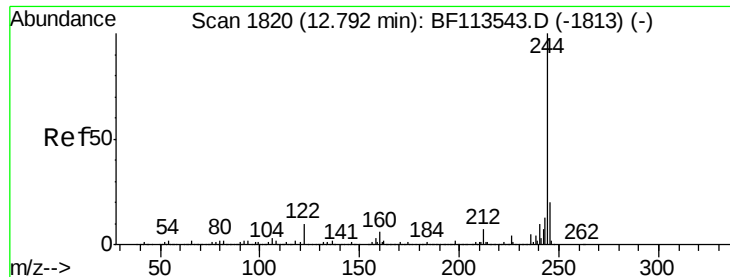
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Tgt Ion:240 Resp: 269897
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.8 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

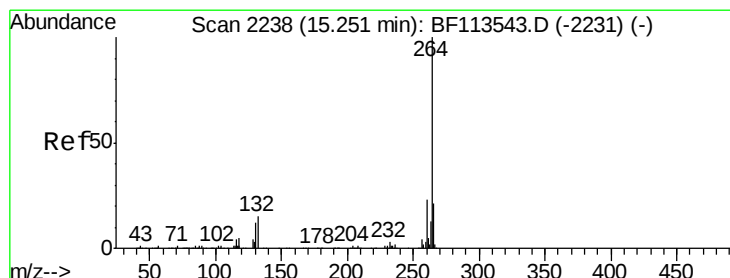
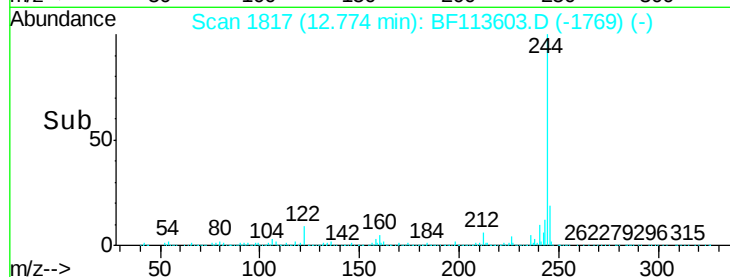
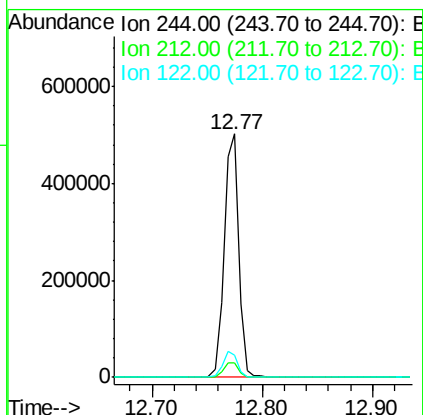
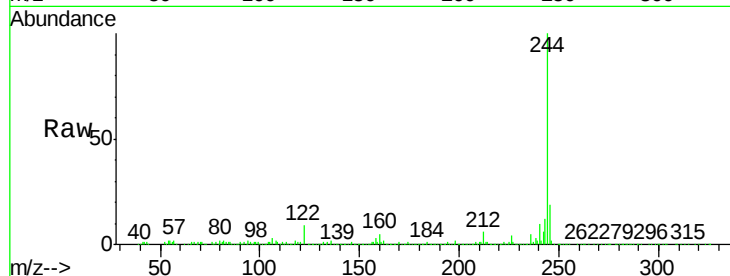




#79
 Terphenyl-d14
 Concen: 34.826 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113603.D
 Acq: 5 Apr 2019 00:55

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-B

Tgt Ion:244 Resp: 461664
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.5 8.3
 122 8.9 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: BF113603.D
 Acq: 5 Apr 2019 00:55

Tgt Ion:264 Resp: 215598
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 22.5 17.1 25.7

