

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 :

Quant Time: Apr 05 03:51:18 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

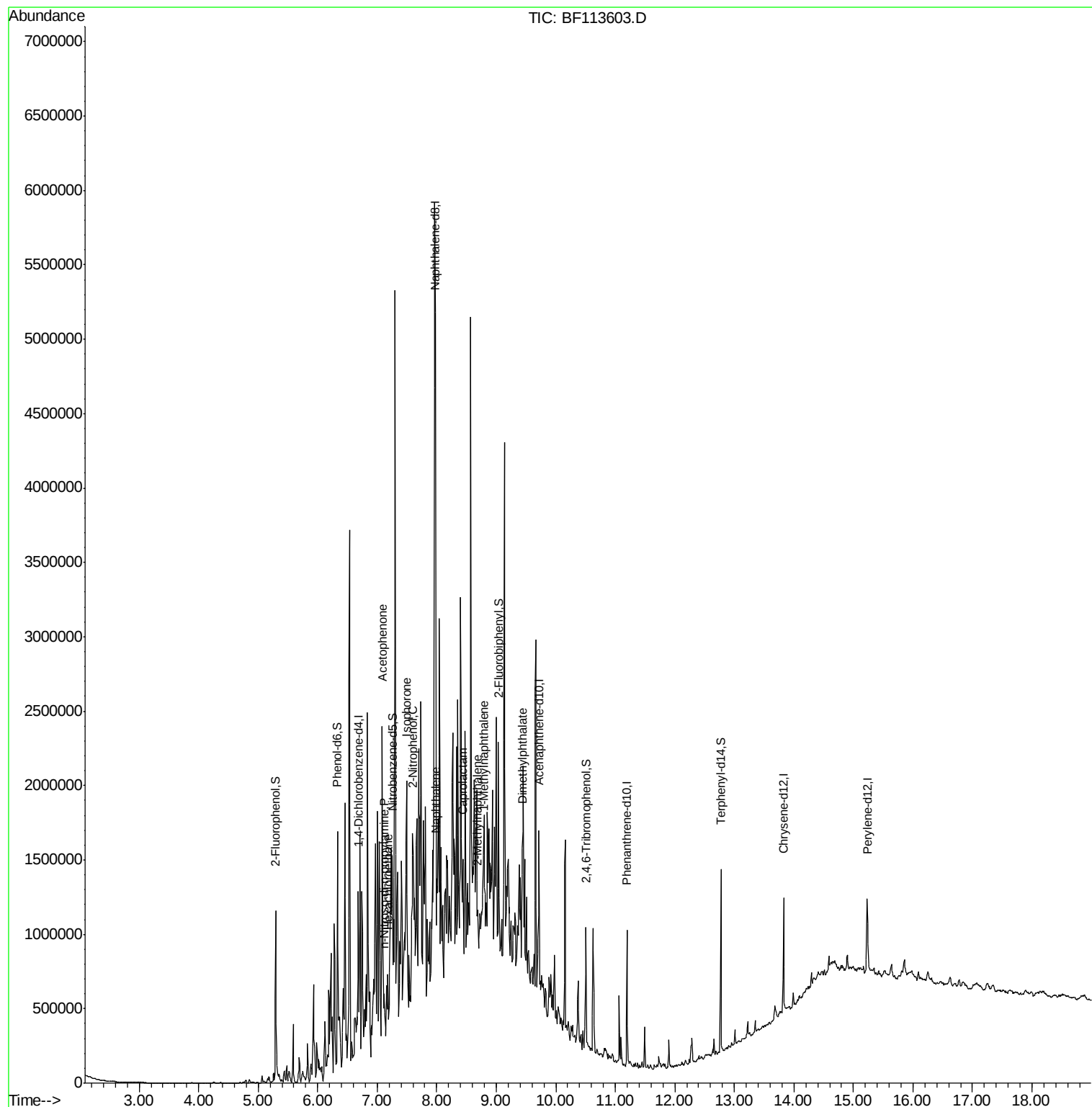
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.18	117	8012	2.256	ng	# 1
19) n-Nitroso-di-n-propylamine	7.12	70	17574	2.984	ng	# 69
22) Acetophenone	7.09	105	150007	20.695	ng	# 37
25) Isophorone	7.50	82	55056	5.073	ng	# 1
26) 2-Nitrophenol	7.60	139	7014	2.246	ng	# 1
31) Naphthalene	7.99	128	32796	2.051	ng	# 62
35) Caprolactam	8.44	113	5064	3.340	ng	# 1
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

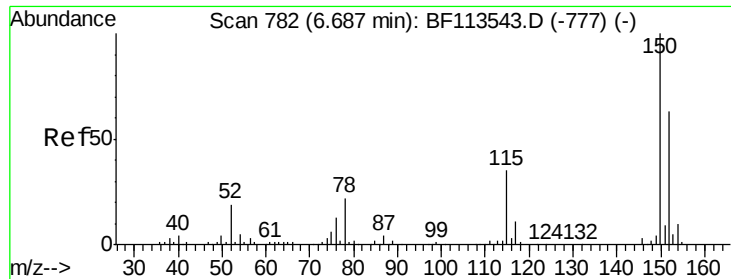
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

Quant Time: Apr 05 03:51:18 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



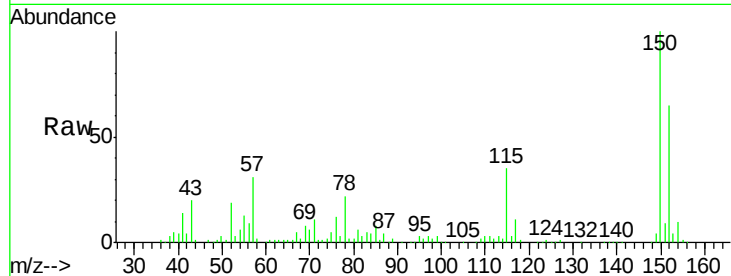


#1

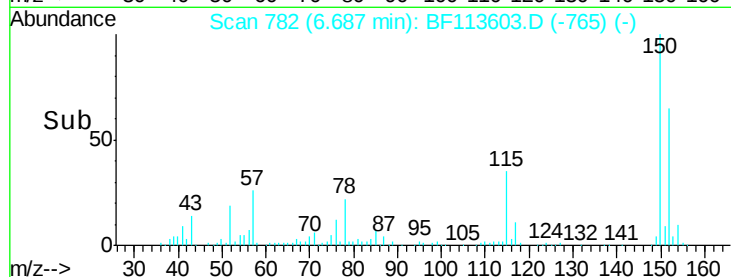
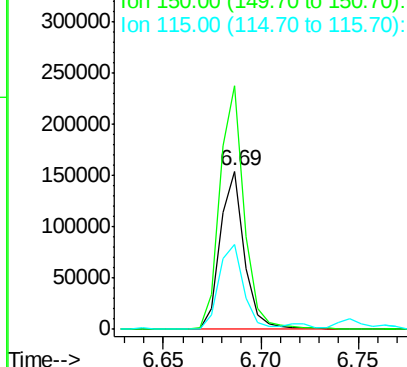
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.7	187.1
115	53.6	46.0	69.0



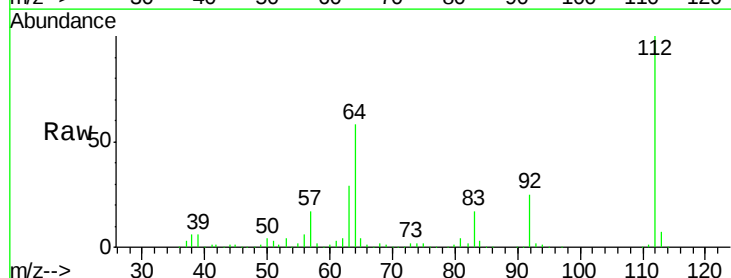
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



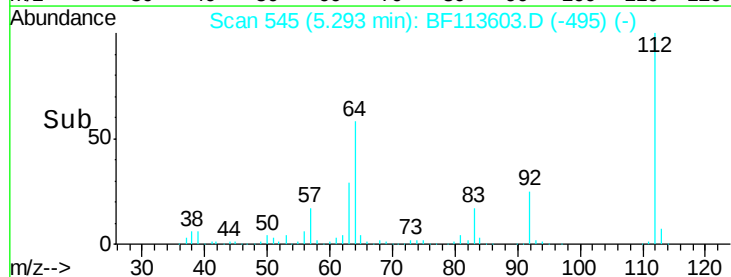
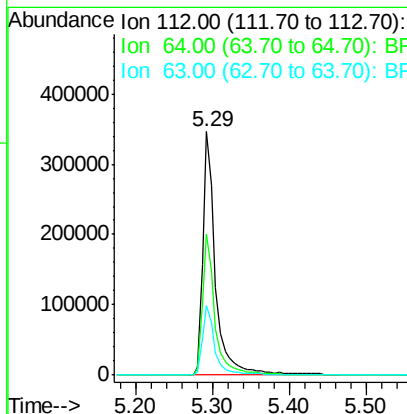
#5

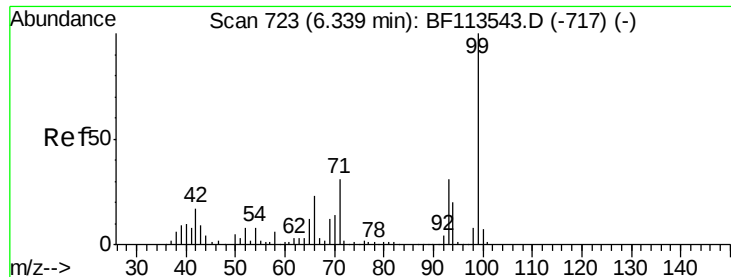
2-Fluorophenol
Concen: 51.540 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Tgt Ion	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 :

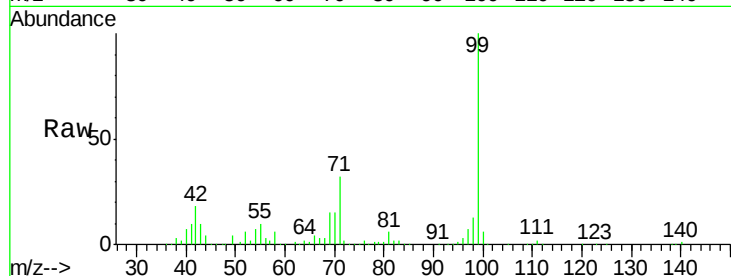
Tot Ion: 99 Resp: 513191

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

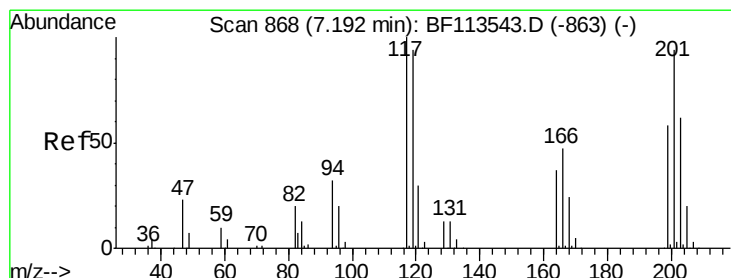
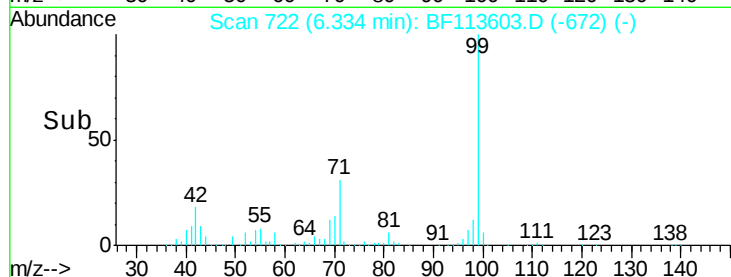
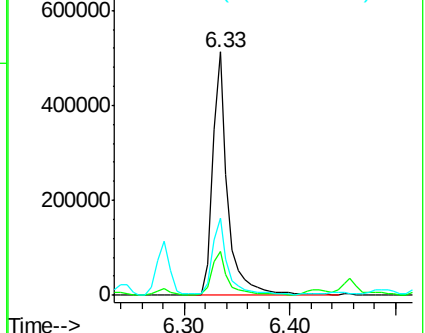
71 31.5 24.9 37.3



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



#18

Hexachloroethane

Concen: 2.256 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF113603.D

Acq: 5 Apr 2019 00:55

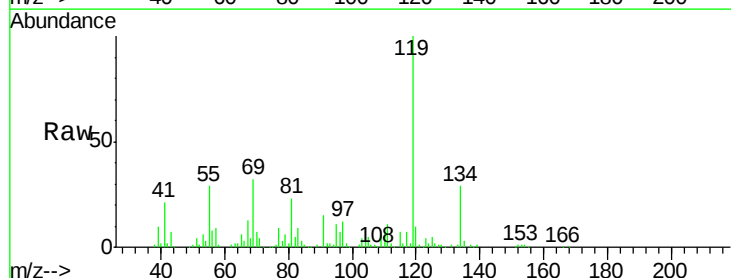
Tgt Ion: 117 Resp: 8012

Ion Ratio Lower Upper

117 100

119 1386.6 76.9 115.3#

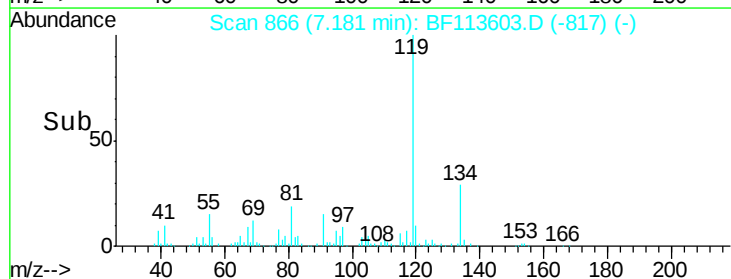
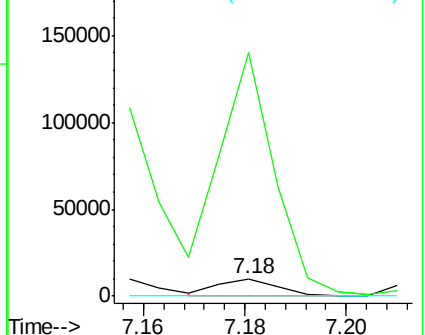
201 0.0 78.7 118.1#

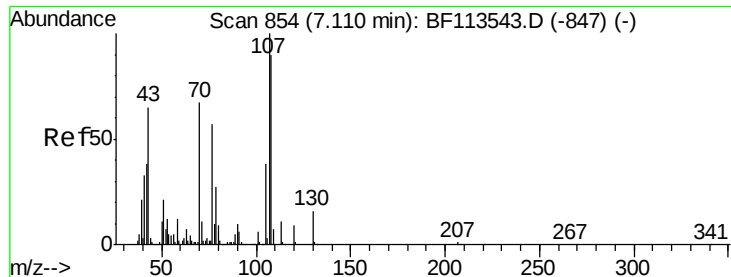


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

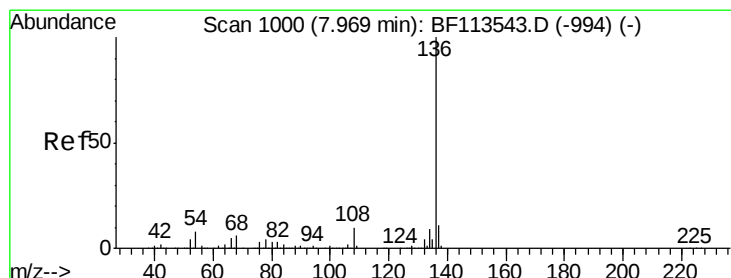
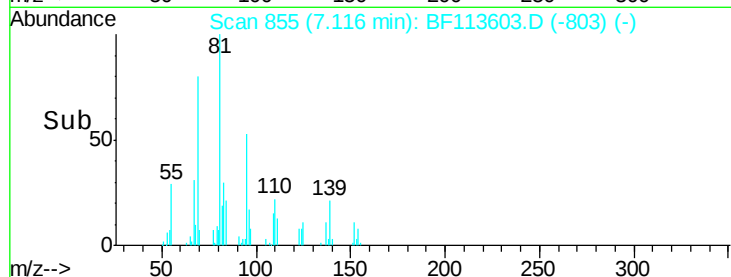
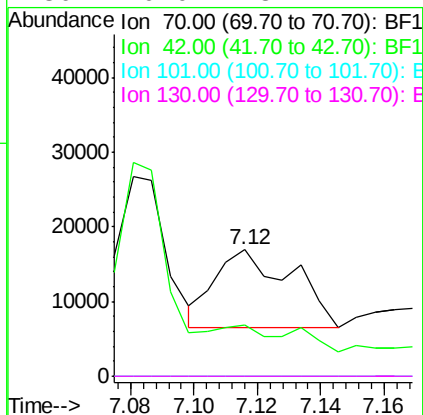
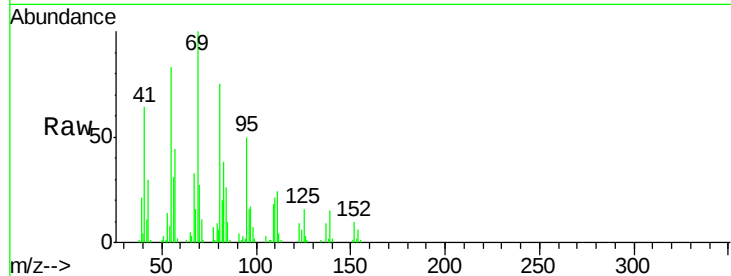




#19
n-Nitroso-di-n-propylamine
Concen: 2.984 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

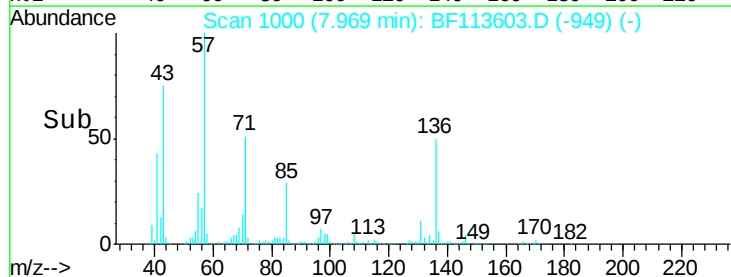
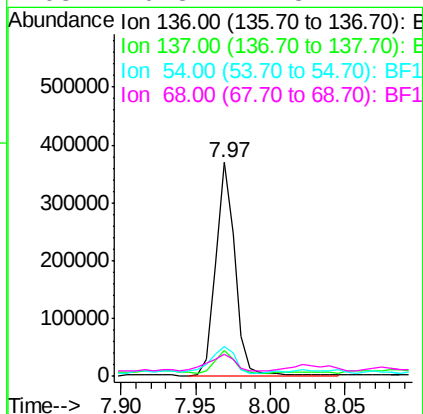
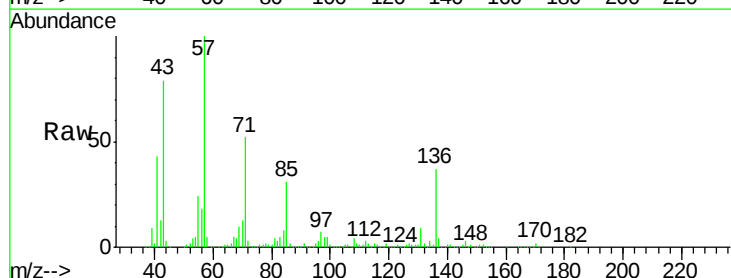
Instrument :
BNA_F
ClientSampleId :

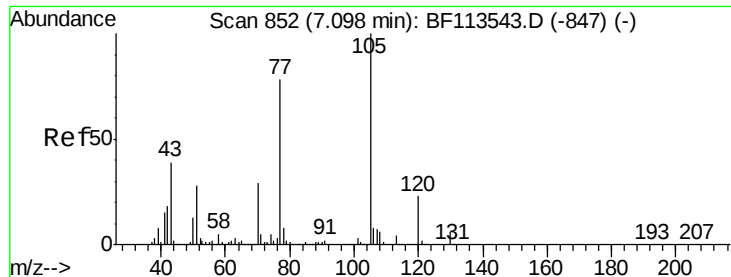
Tot Ion: 70 Resp: 17574
Ion Ratio Lower Upper
70 100
42 40.8 48.4 72.6#
101 0.0 7.8 11.8#
130 0.0 18.2 27.4#



#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#





#22

Acetophenone

Concen: 20.695 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF113603.D

Acq: 5 Apr 2019 00:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 150007

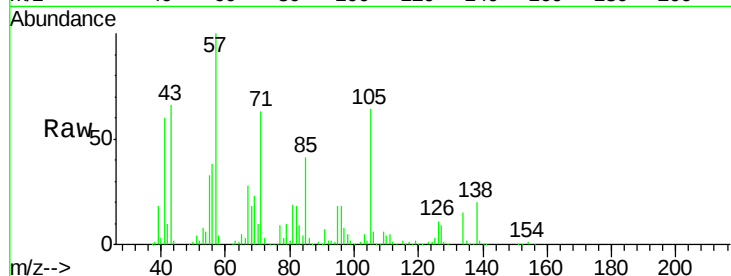
Ion Ratio Lower Upper

105 100

71 98.1 3.3 4.9#

51 6.0 24.2 36.2#

120 0.3 18.1 27.1#

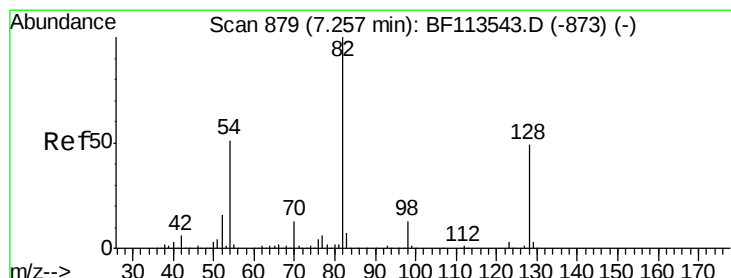
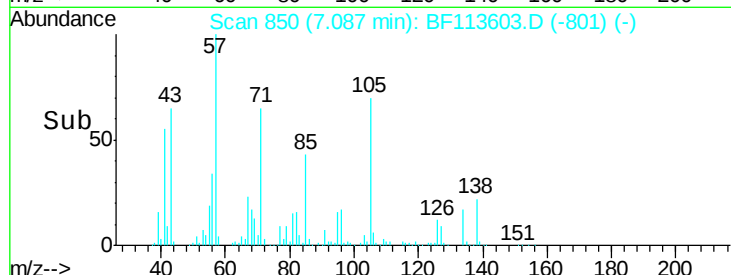
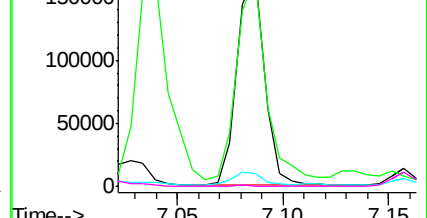


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#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

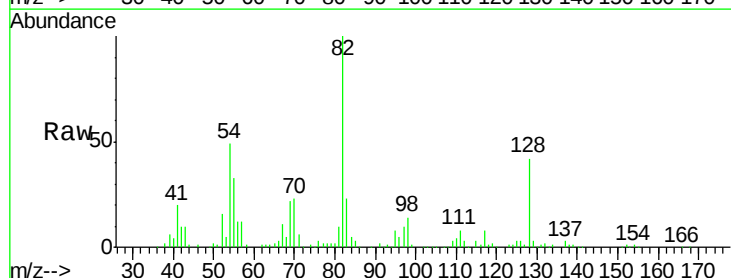
Tgt Ion: 82 Resp: 249981

Ion Ratio Lower Upper

82 100

128 42.1 36.5 54.7

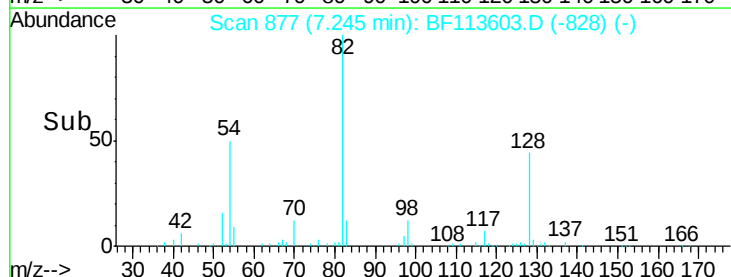
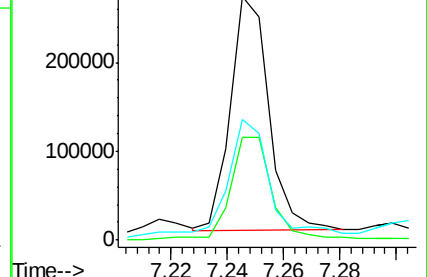
54 49.4 42.2 63.2

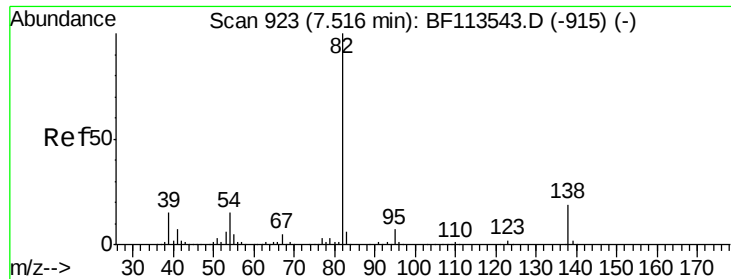


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 5.073 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF113603.D

Acq: 5 Apr 2019 00:55

Instrument :

BNA_F

ClientSampleId :

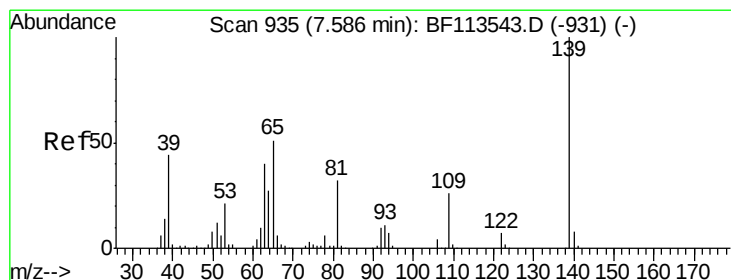
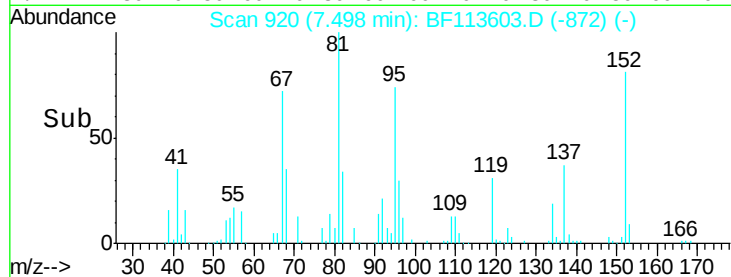
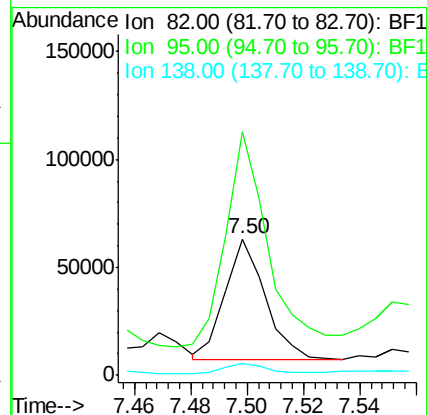
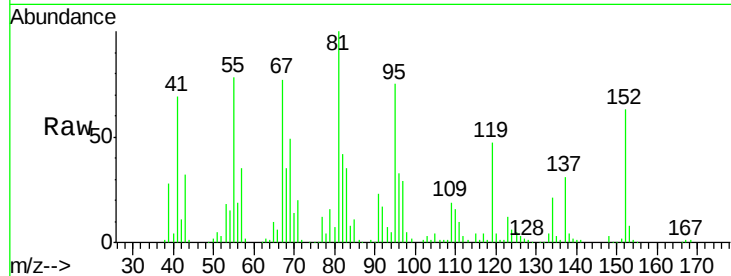
Tot Ion: 82 Resp: 55056

Ion Ratio Lower Upper

82 100

95 178.7 5.5 8.3#

138 9.1 15.2 22.8#



#26

2-Nitrophenol

Concen: 2.246 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF113603.D

Acq: 5 Apr 2019 00:55

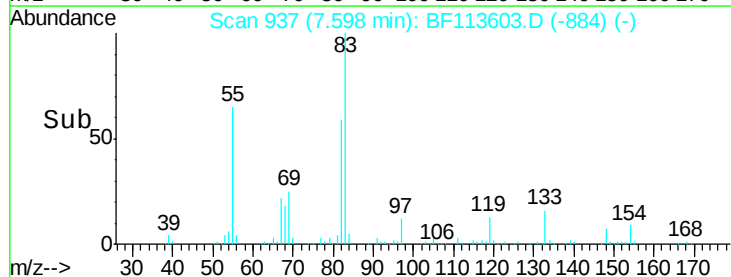
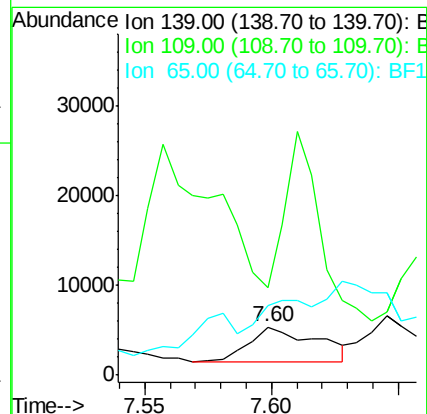
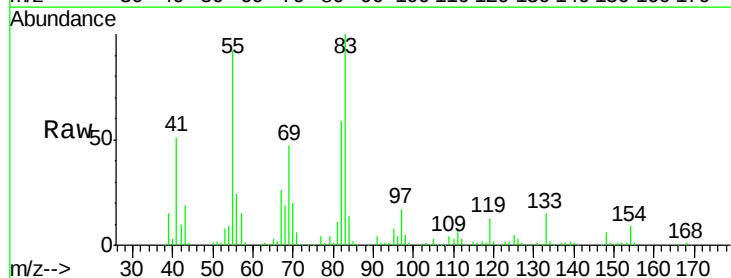
Tgt Ion: 139 Resp: 7014

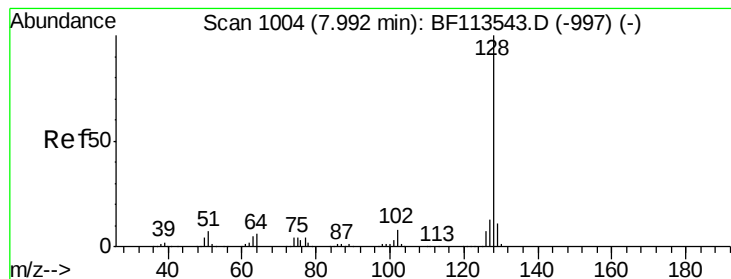
Ion Ratio Lower Upper

139 100

109 180.4 21.7 32.5#

65 144.8 41.6 62.4#





#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

Instrument :

BNA_F

ClientSampled :

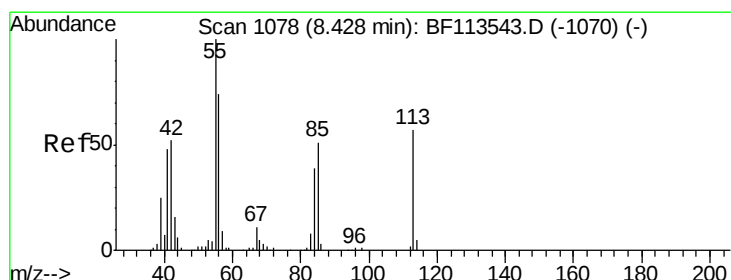
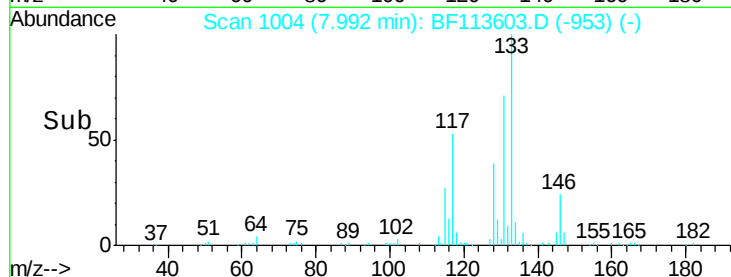
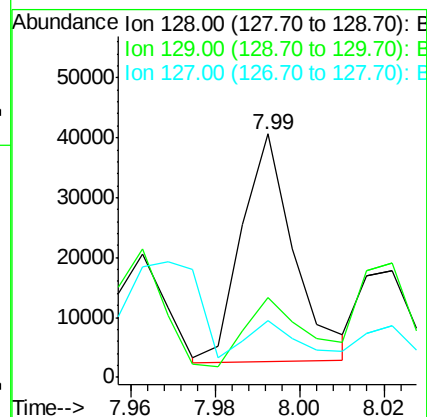
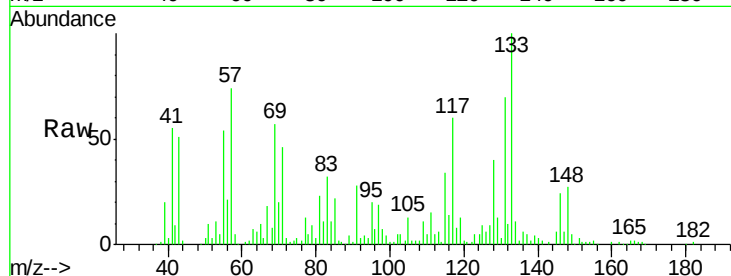
Tot Ion:128 Resp: 32796

Ion Ratio Lower Upper

128 100

129 32.7 9.3 13.9#

127 23.4 10.9 16.3#



#35

Caprolactam

Concen: 3.340 ng

RT: 8.44 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BF113603.D

Acq: 5 Apr 2019 00:55

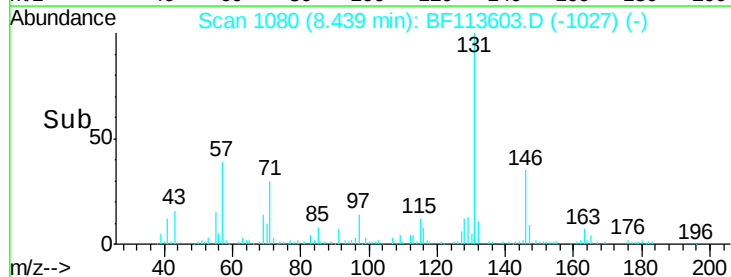
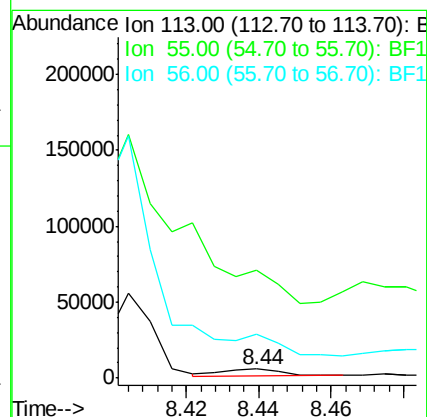
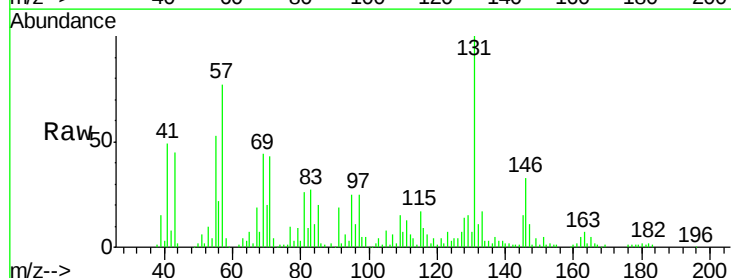
Tgt Ion:113 Resp: 5064

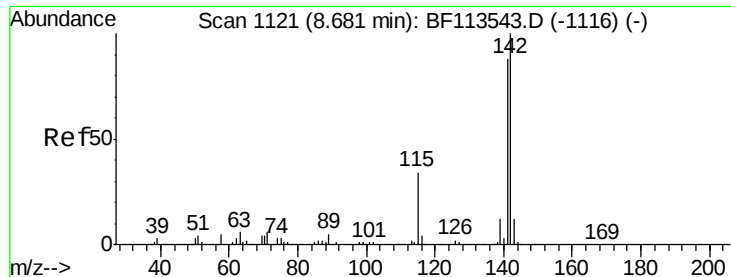
Ion Ratio Lower Upper

113 100

55 1183.6 152.7 192.7#

56 481.4 108.3 148.3#

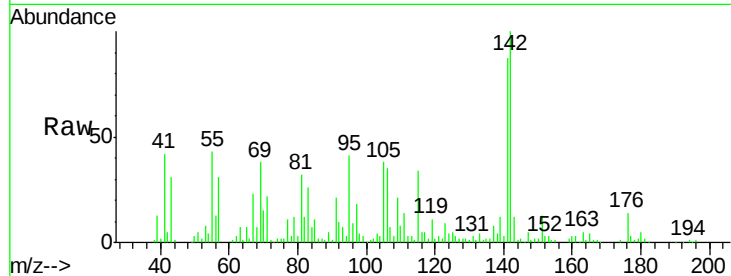




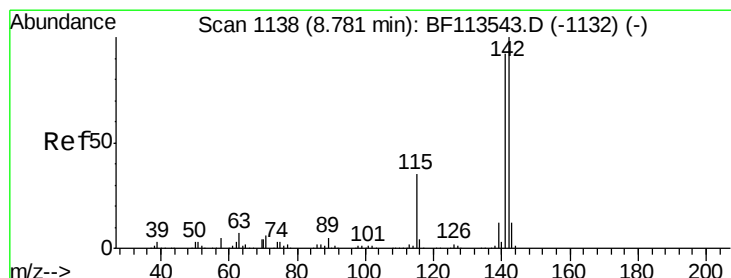
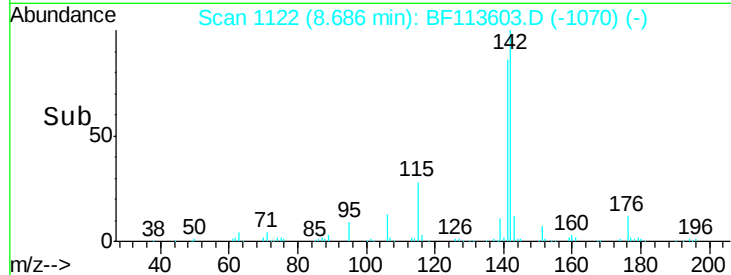
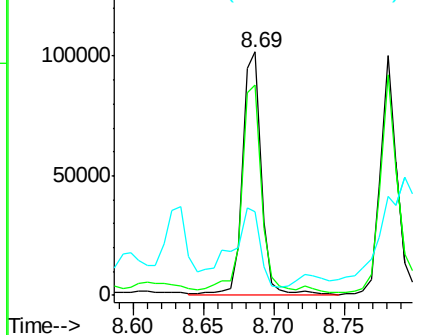
#37
2-Methylnaphthalene
Concen: 8.828 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 92843
Ion Ratio Lower Upper
142 100
141 86.5 71.0 106.6
115 34.4 26.6 39.8

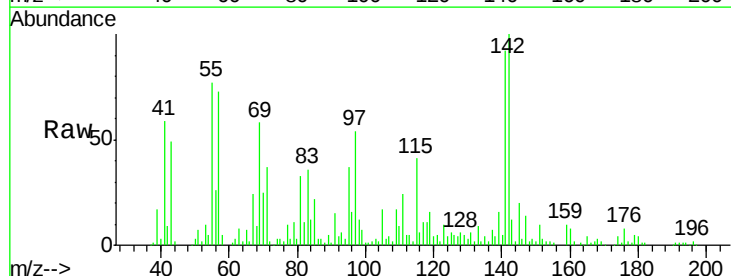


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

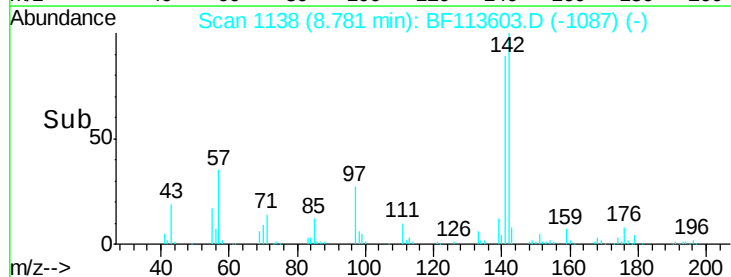
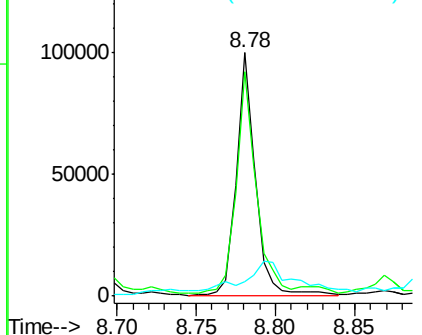


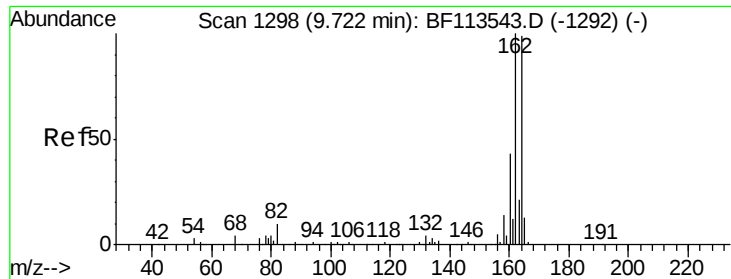
#38
1-Methylnaphthalene
Concen: 8.149 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

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

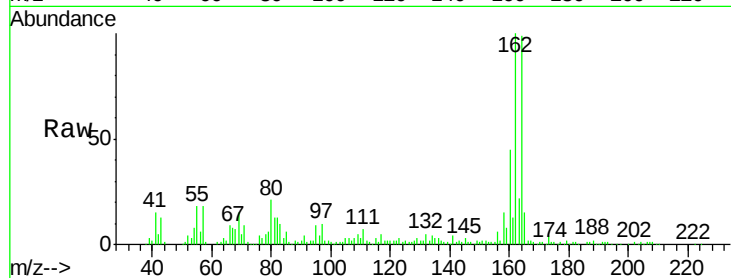




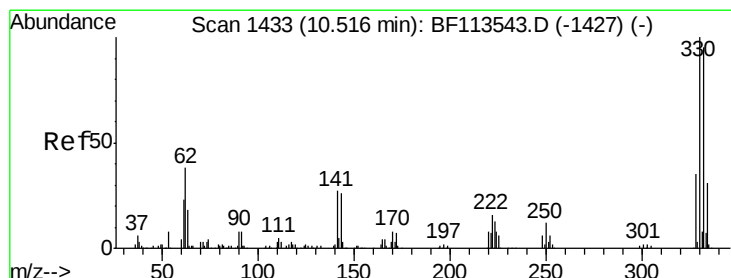
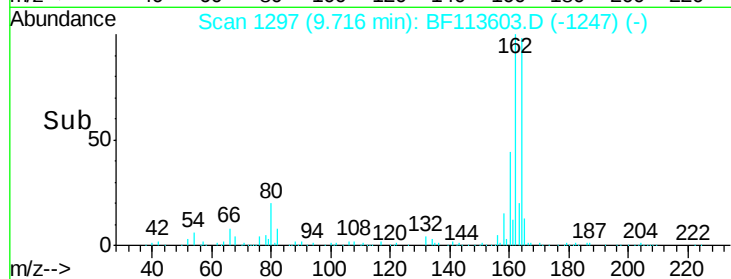
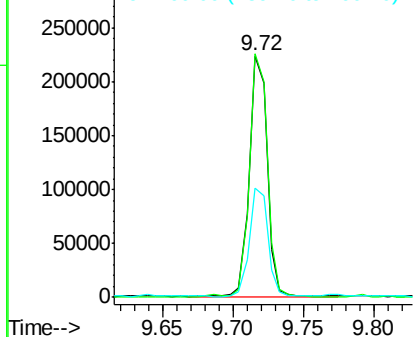
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113603.D
 Acq: 5 Apr 2019 00:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	45.4	36.4	54.6

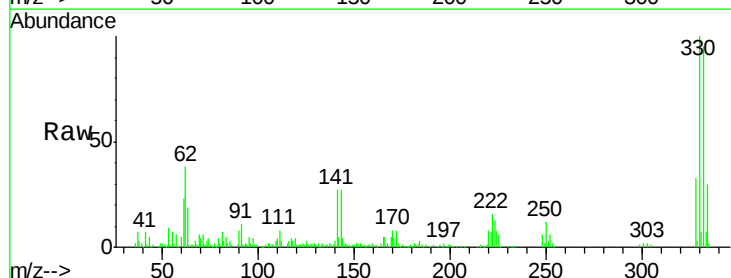


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

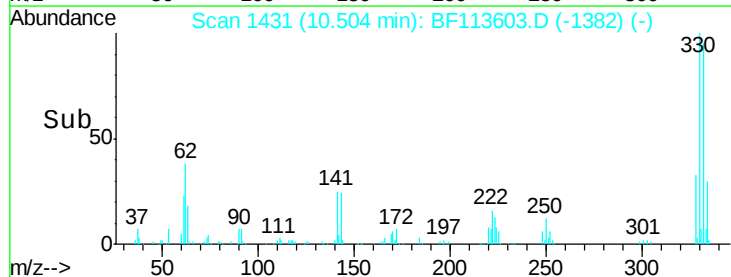
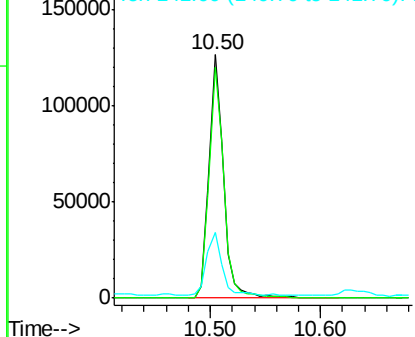


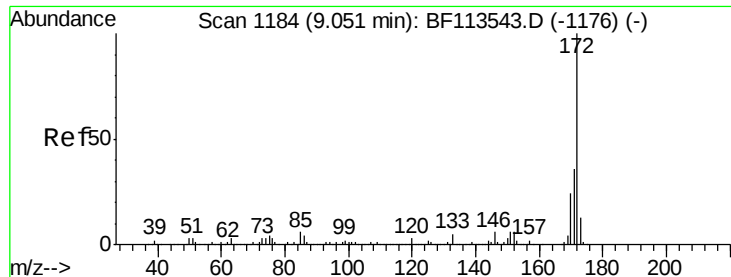
#42
 2,4,6-Tribromophenol
 Concen: 46.846 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113603.D
 Acq: 5 Apr 2019 00:55

Tgt Ion	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

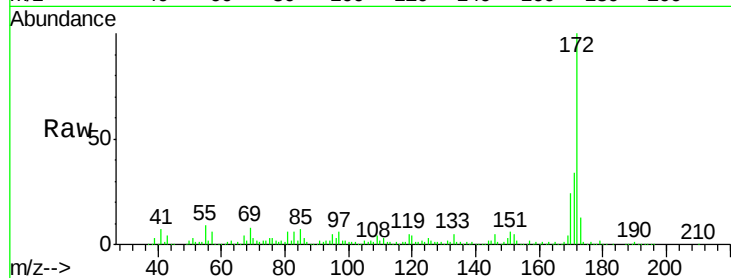




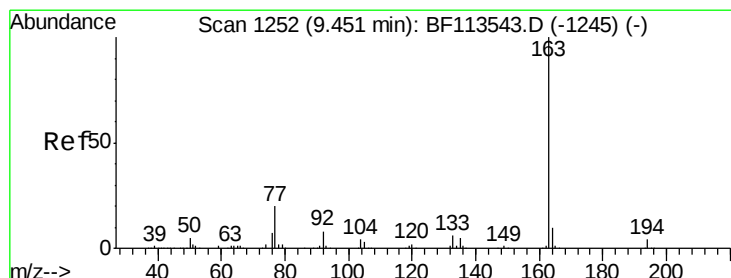
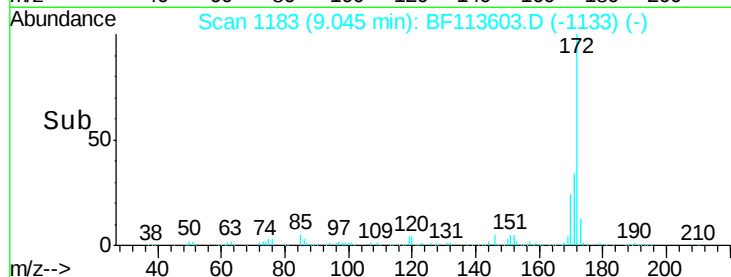
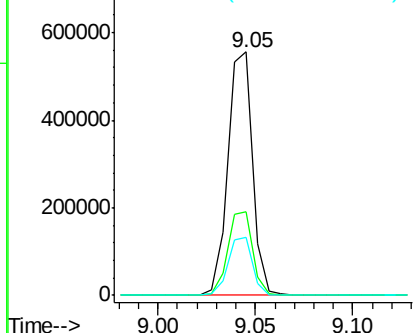
#45
2-Fluorobiphenyl
Concen: 39.575 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Instrument :
BNA_F
ClientSampleId :

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

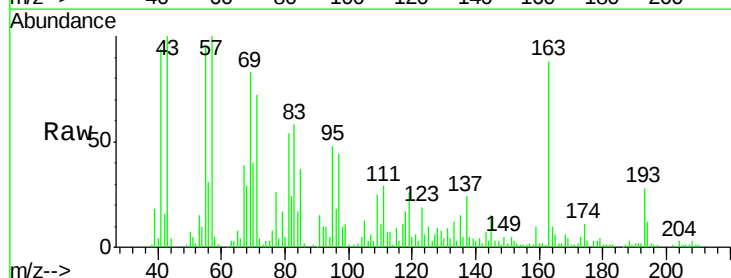


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

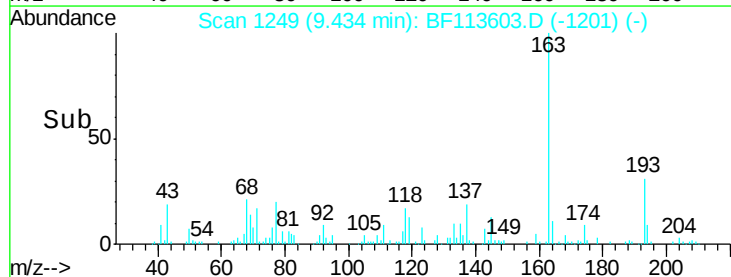
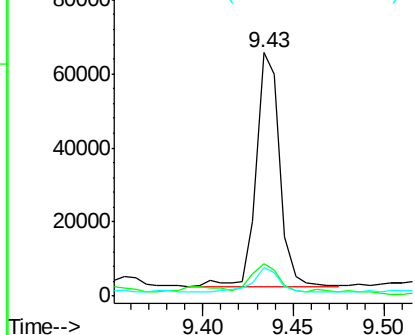


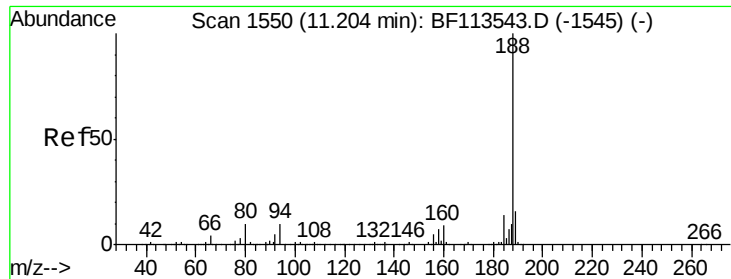
#50
Dimethylphthalate
Concen: 3.924 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

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

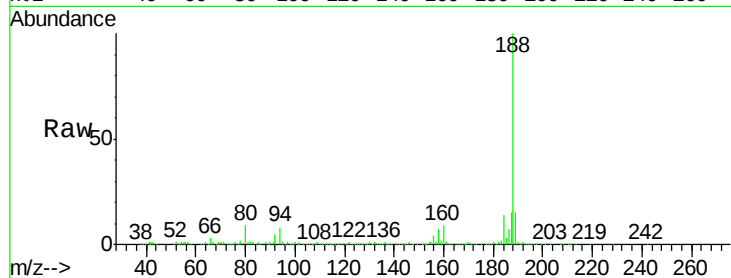




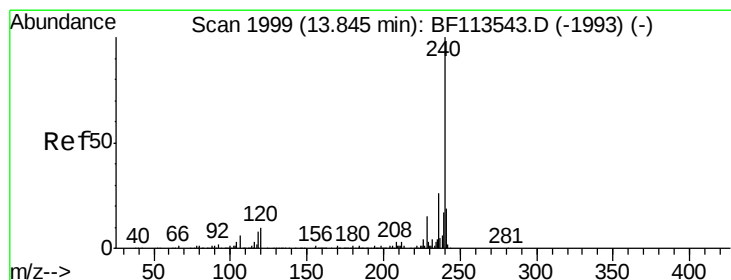
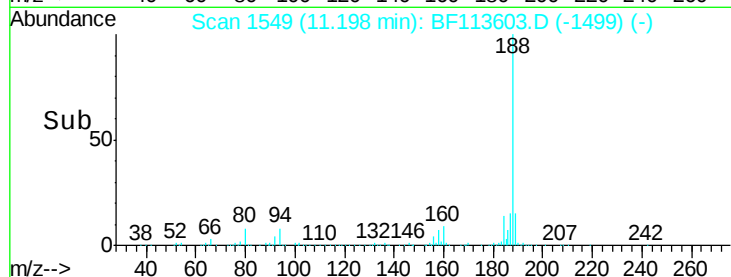
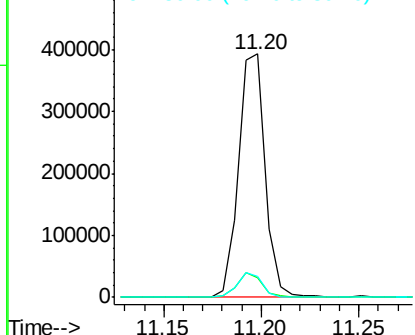
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

Instrument :
BNA_F
ClientSampleId :

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

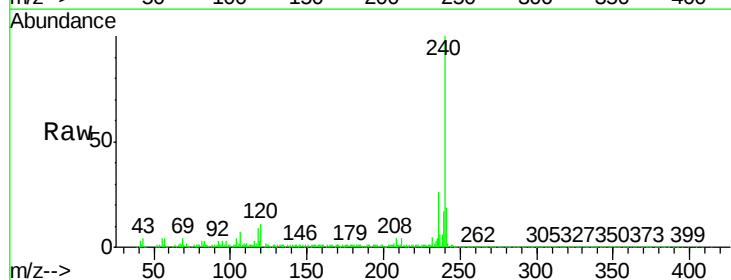


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

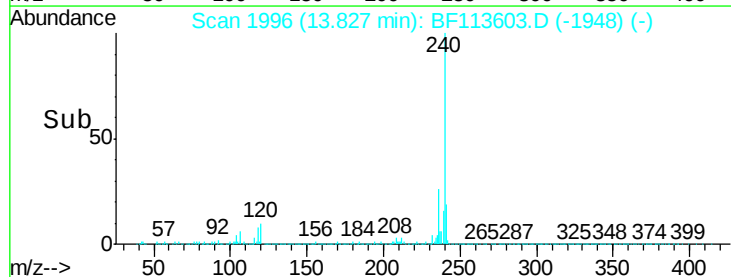
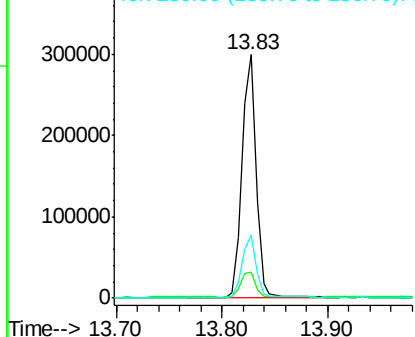


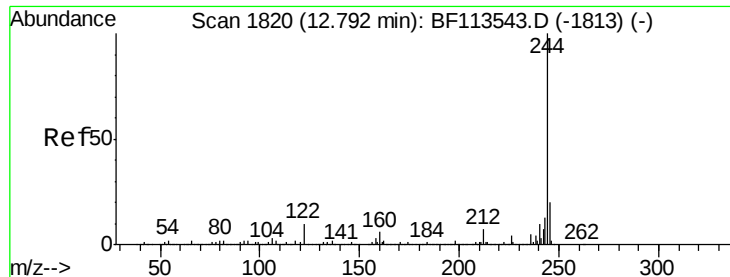
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113603.D
Acq: 5 Apr 2019 00:55

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

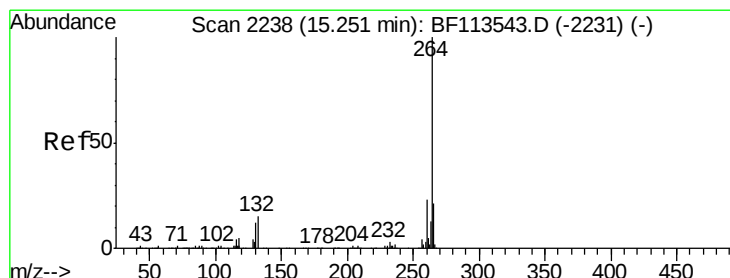
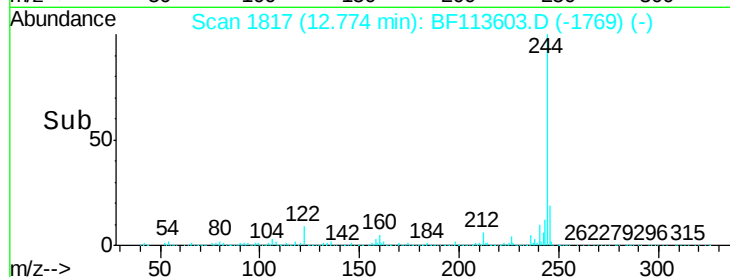
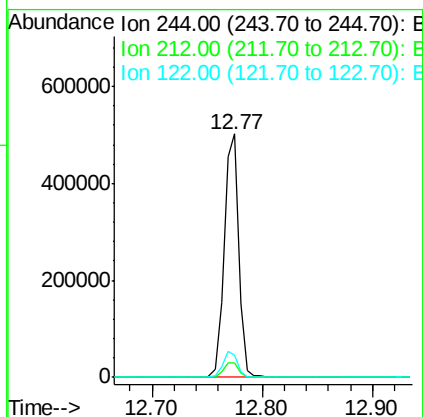
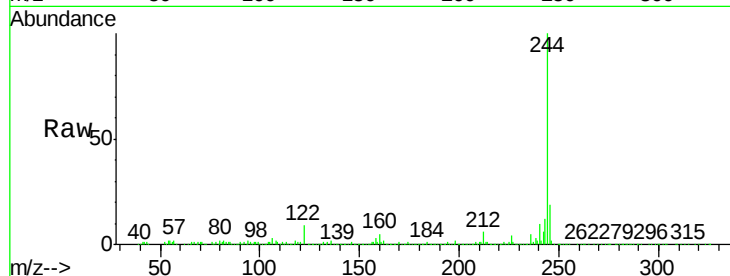




#79
 Terphenyl-d14
 Concen: 34.826 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113603.D
 Acq: 5 Apr 2019 00:55

Instrument :
 BNA_F
 ClientSampleId :

Tot 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

