

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094618.D
 Acq On : 25 Apr 2017 21:06
 Operator : SJ/MA
 Sample : I2783-03RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:27:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

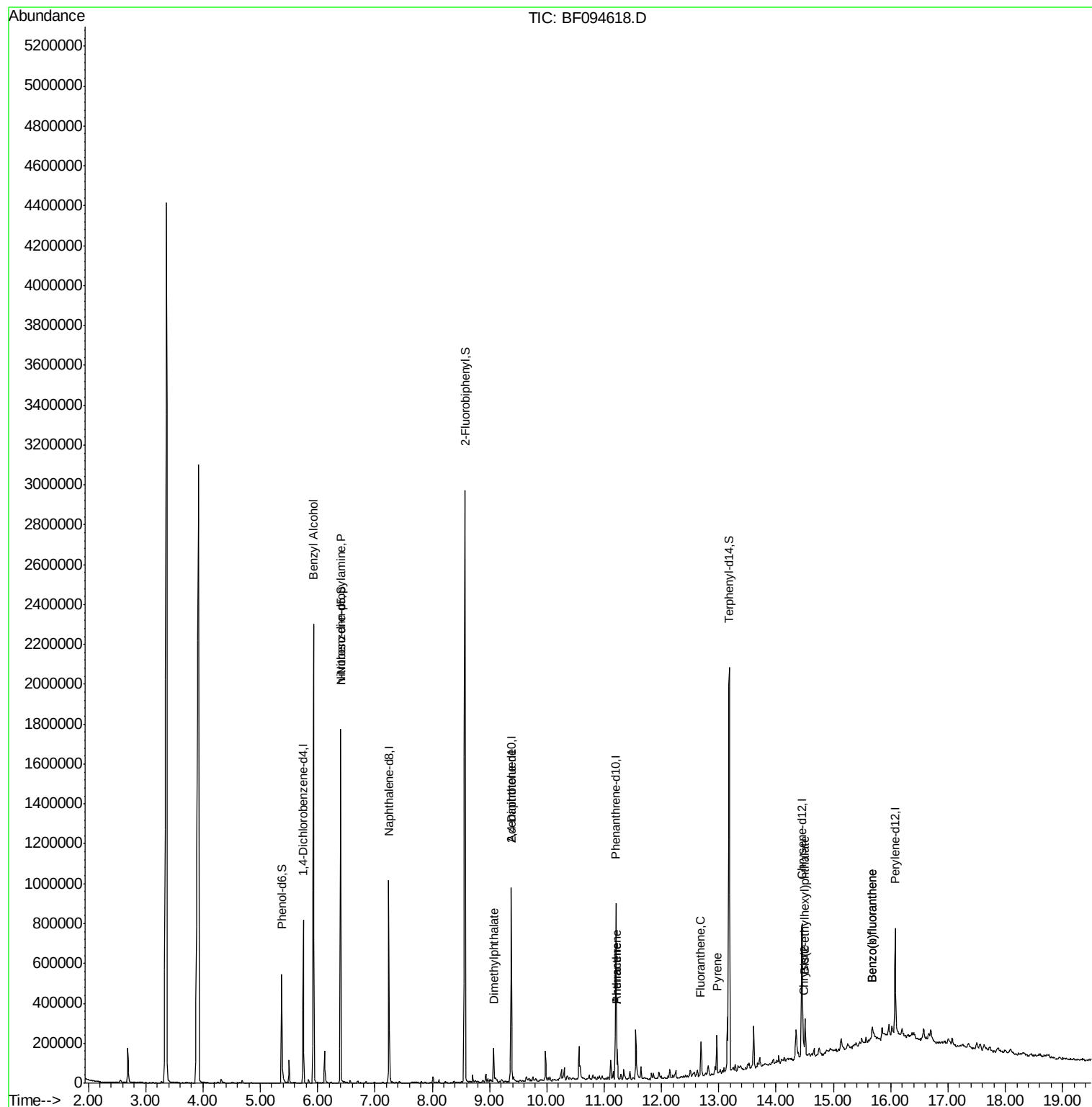
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	128336	20.00	ng	-0.01
21) Naphthalene-d8	7.24	136	495871	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	207768	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	334167	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	274877	20.00	ng	-0.01
86) Perylene-d12	16.08	264	218509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	9936	1.28	ng	0.00
7) Phenol-d6	5.37	99	225859	24.77	ng	-0.02
23) Nitrobenzene-d5	6.40	82	593353	73.89	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.57	172	1109360	78.56	ng	-0.01
78) Terphenyl-d14	13.18	244	767980	74.68	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	5.92	79	29187	4.31	ng	# 78
19) n-Nitroso-di-n-propylamine	6.40	70	77311	12.79	ng	# 77
49) Dimethylphthalate	9.07	163	84564	5.46	ng	99
56) 2,4-Dinitrotoluene	9.38	165	27253	6.39	ng	# 33
70) Phenanthrene	11.22	178	58700	3.12	ng	96
71) Anthracene	11.22	178	58700	3.02	ng	97
74) Fluoranthene	12.69	202	74573	3.82	ng	99
77) Pyrene	12.97	202	67195	3.50	ng	95
82) Chrysene	14.48	228	31495	2.16	ng	95
83) Bis(2-ethylhexyl)phthalate	14.51	149	56496	5.00	ng	98
87) Benzo(b)fluoranthene	15.68	252	48242	3.61	ng	# 86
88) Benzo(k)fluoranthene	15.68	252	48242	3.81	ng	# 91

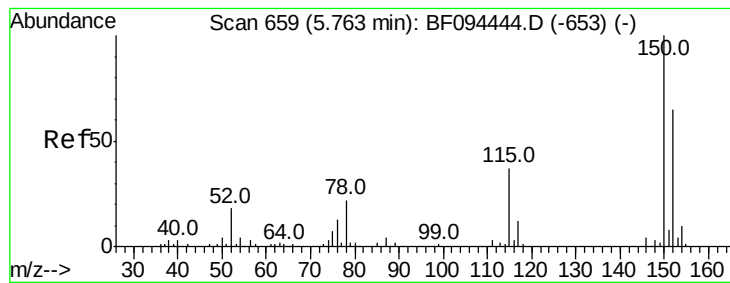
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094618.D
Acq On : 25 Apr 2017 21:06
Operator : SJ/MA
Sample : I2783-03RX
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 26 01:27:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF094618.D

Acq: 25 Apr 2017 21:06

Instrument :

BNA_F

ClientSampleId :

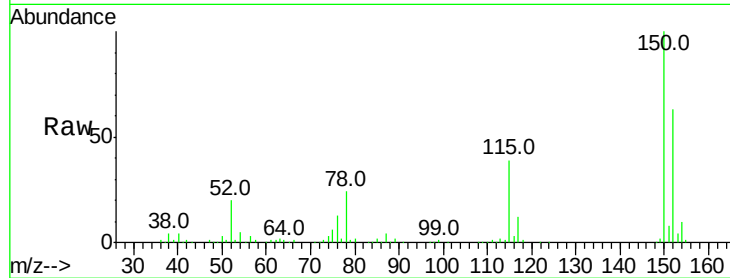
Tot Ion:152 Resp: 128336

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

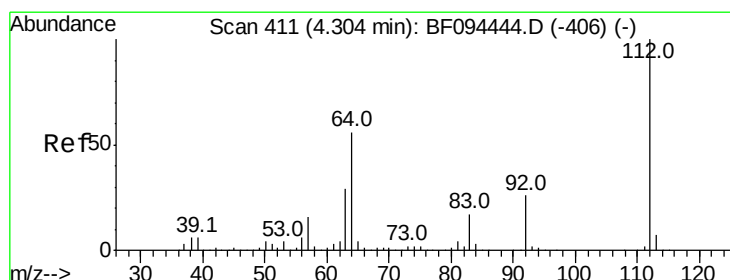
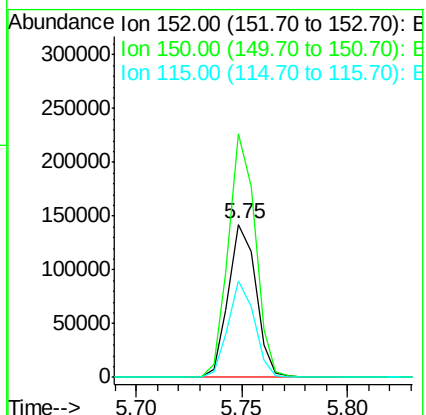
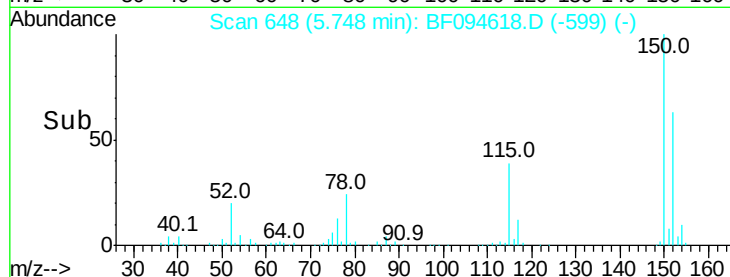
115 62.8 52.2 78.2



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: 1.28 ng

RT: 4.31 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF094618.D

Acq: 25 Apr 2017 21:06

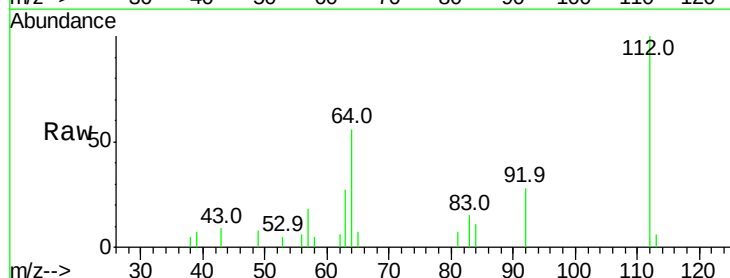
Tgt Ion:112 Resp: 9936

Ion Ratio Lower Upper

112 100

64 56.1 46.0 69.0

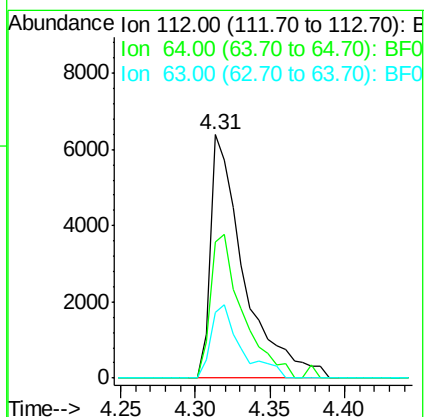
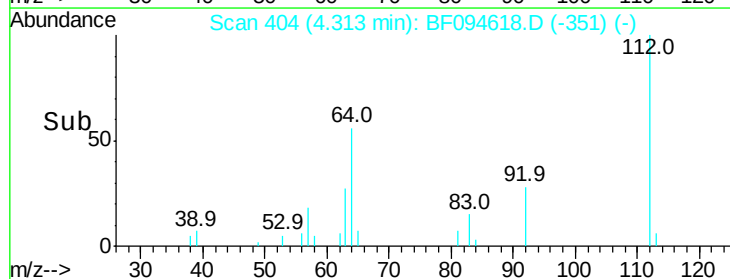
63 26.9 23.4 35.0

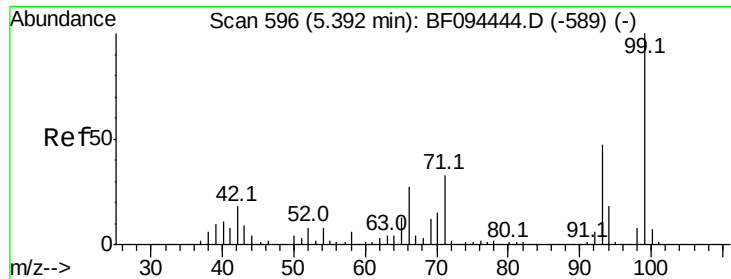


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.77 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094618.D

Acq: 25 Apr 2017 21:06

Instrument :

BNA_F

ClientSampled :

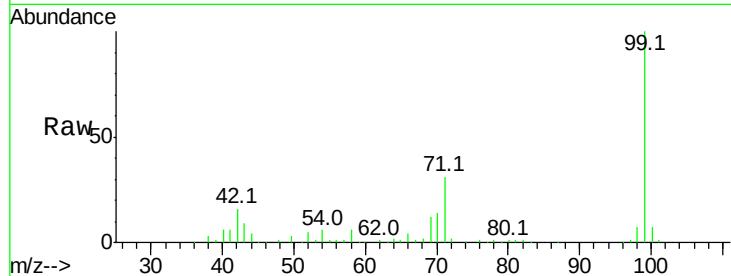
Tot Ion: 99 Resp: 225859

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

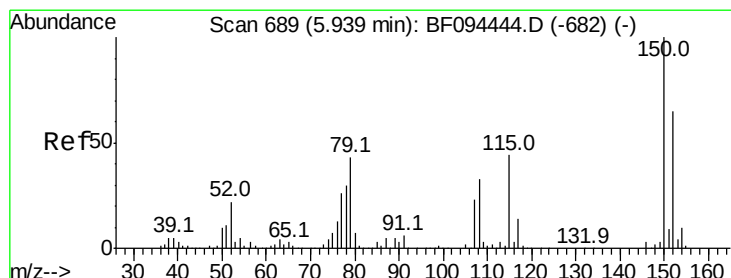
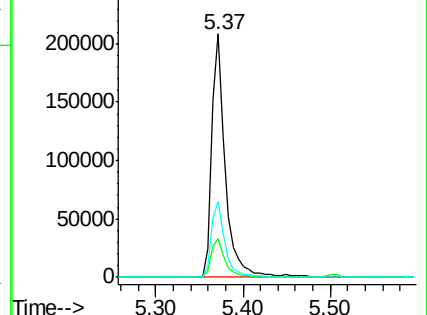
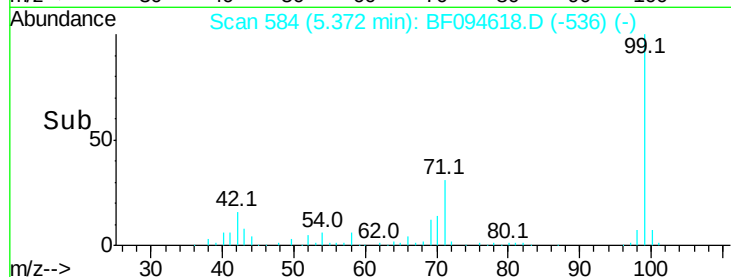
71 31.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 4.31 ng

RT: 5.92 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF094618.D

Acq: 25 Apr 2017 21:06

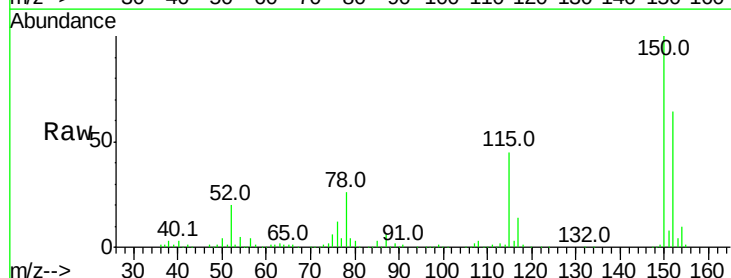
Tgt Ion: 79 Resp: 29187

Ion Ratio Lower Upper

79 100

108 64.6 63.4 95.0

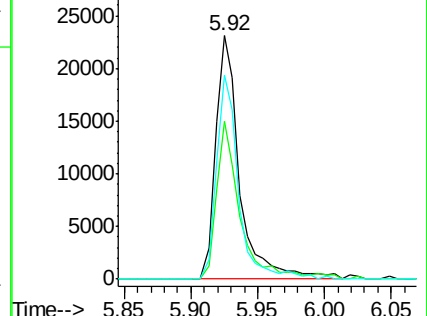
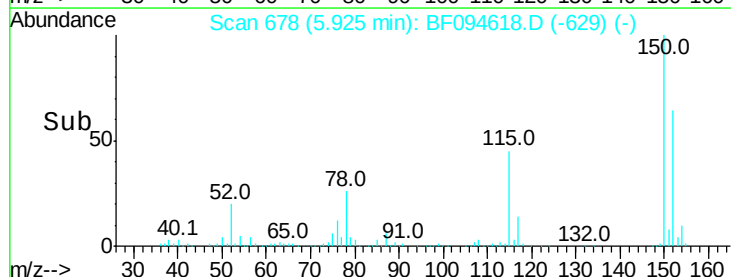
77 83.7 49.2 73.8#

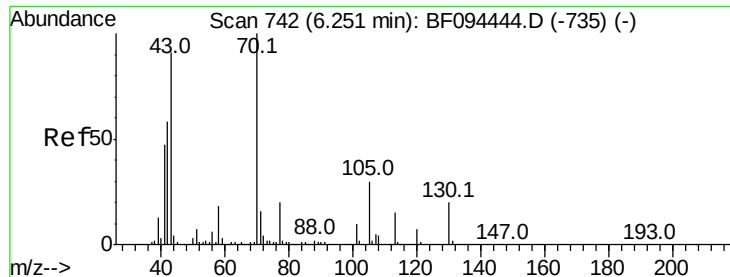


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.79 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF094618.D

Acq: 25 Apr 2017 21:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 77311

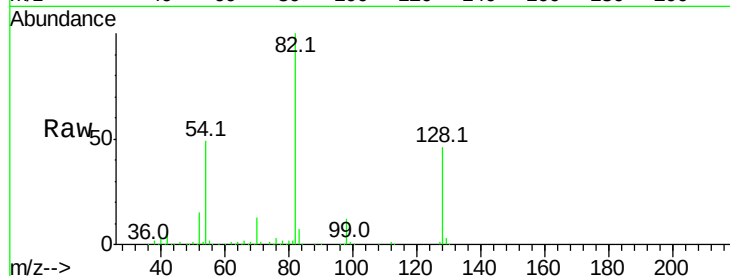
Ion Ratio Lower Upper

70 100

42 45.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

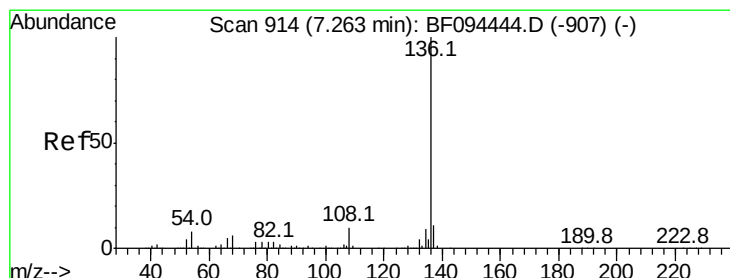
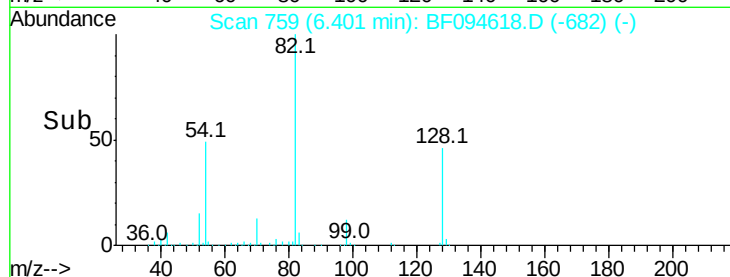
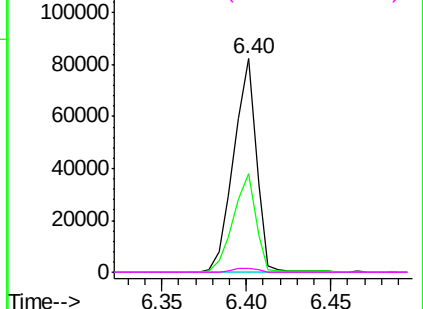


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094618.D

Acq: 25 Apr 2017 21:06

Tgt Ion: 136 Resp: 495871

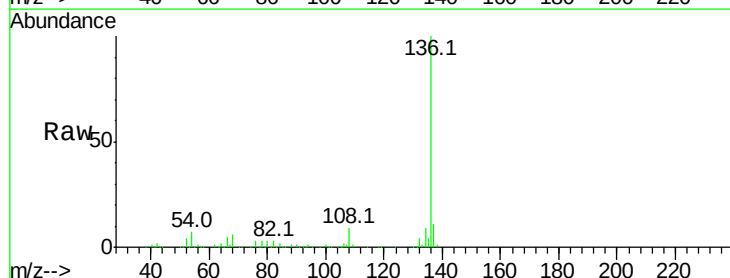
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.4 4.9 7.3#

68 6.2 4.1 6.1#

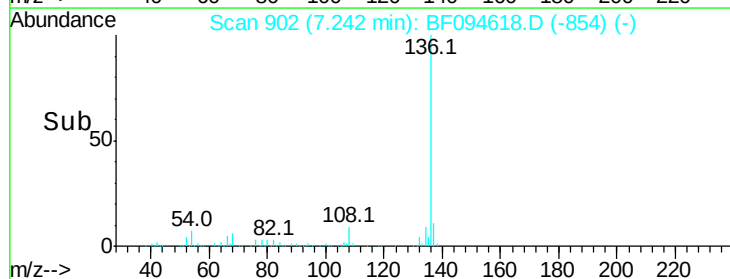
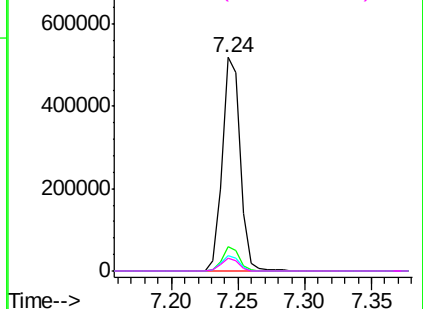


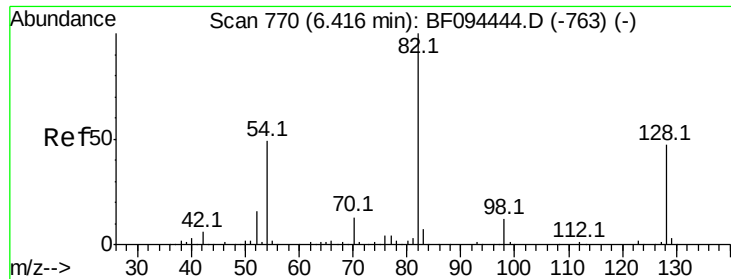
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 73.89 ng

RT: 6.40 min Scan# 759

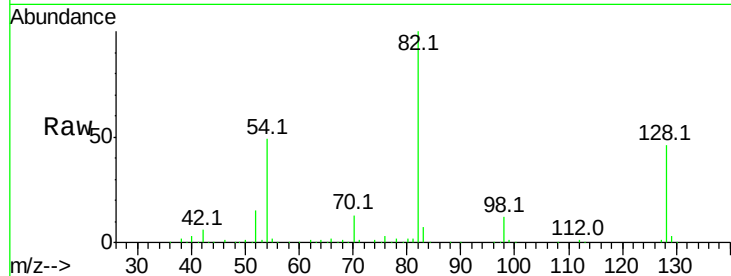
Delta R.T. -0.01 min

Lab File: BF094618.D

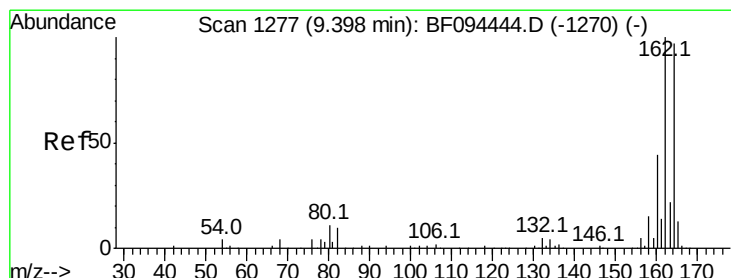
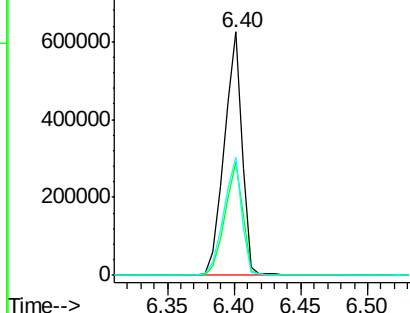
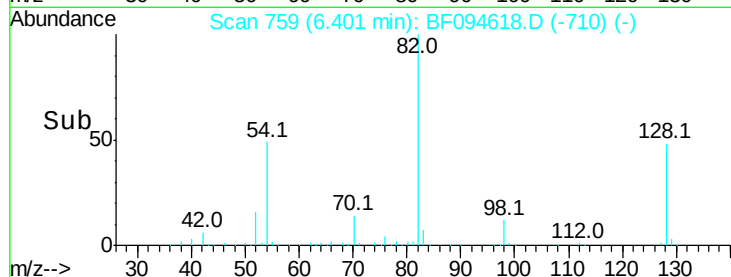
Acq: 25 Apr 2017 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	593353
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	48.5	42.2	63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

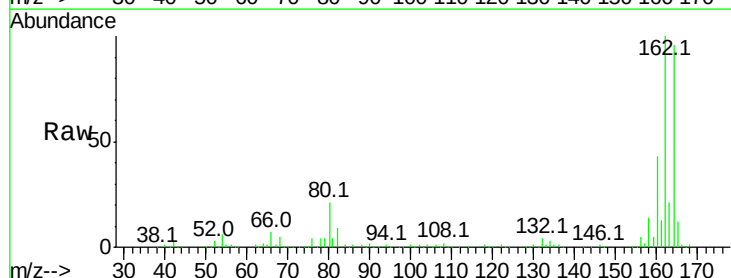
RT: 9.38 min Scan# 1265

Delta R.T. -0.02 min

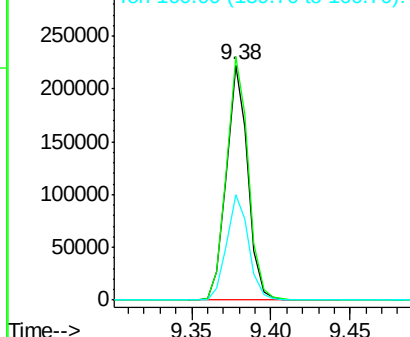
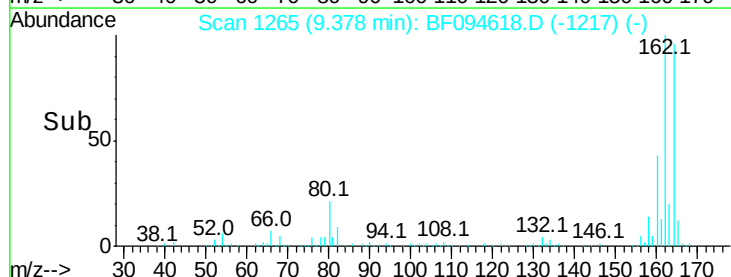
Lab File: BF094618.D

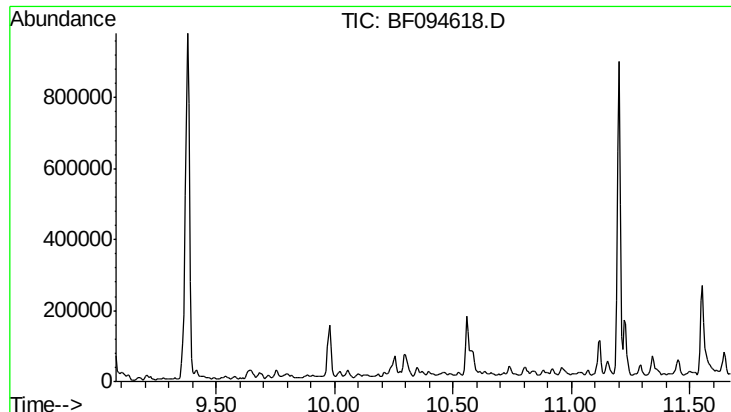
Acq: 25 Apr 2017 21:06

Tgt Ion:	164	Resp:	207768
Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.0	36.2	54.2



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

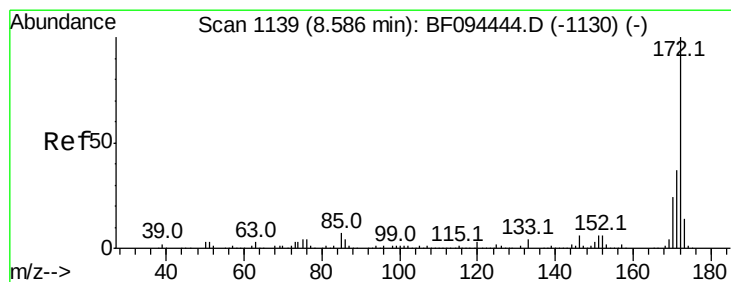
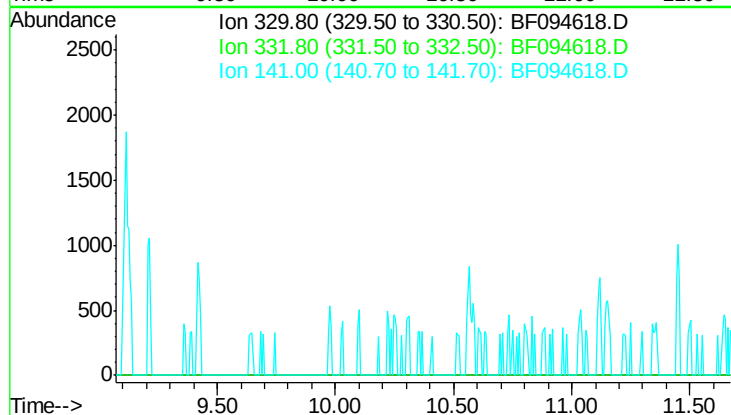




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.37 min
 Lab File: BF094618.D
 Acq: 25 Apr 2017 21:06

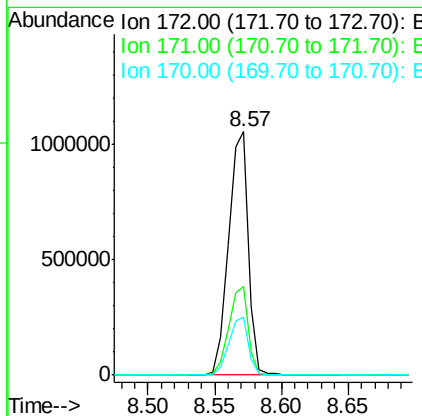
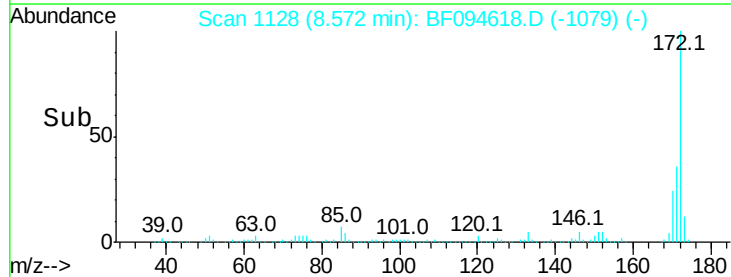
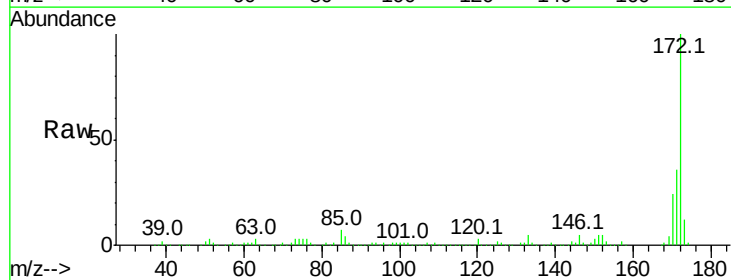
Instrument :
 BNA_F
 ClientSampleId :

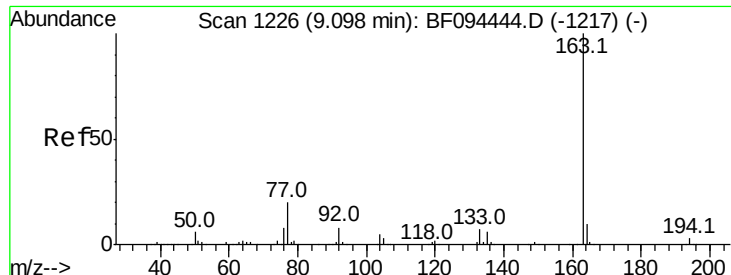
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 78.56 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094618.D
 Acq: 25 Apr 2017 21:06

Tgt Ion: 172 Resp: 1109360
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.8 19.8 29.8

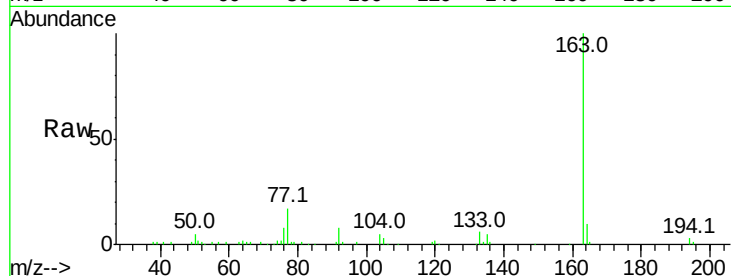




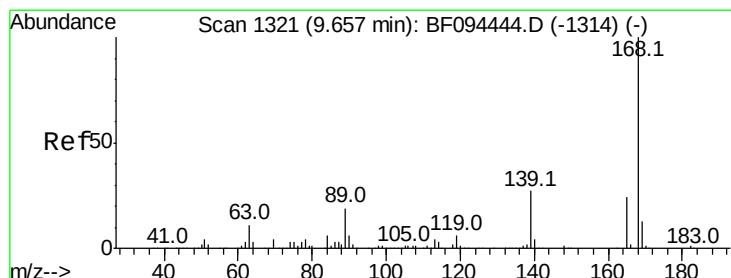
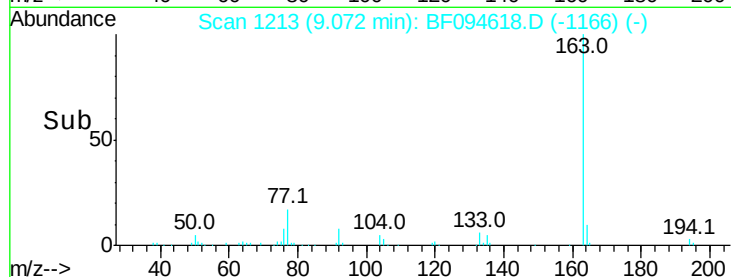
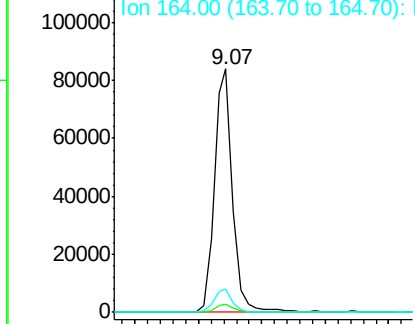
#49
Dimethylphthalate
Concen: 5.46 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094618.D
Acq: 25 Apr 2017 21:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 84564
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.4 12.6

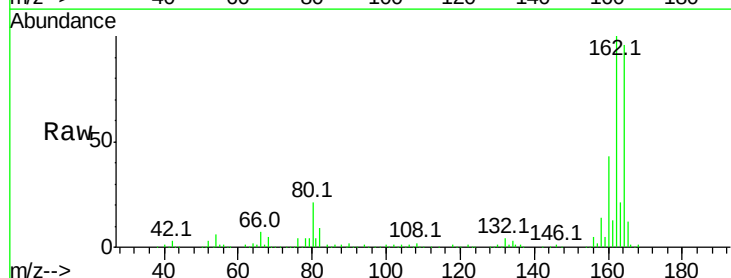


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

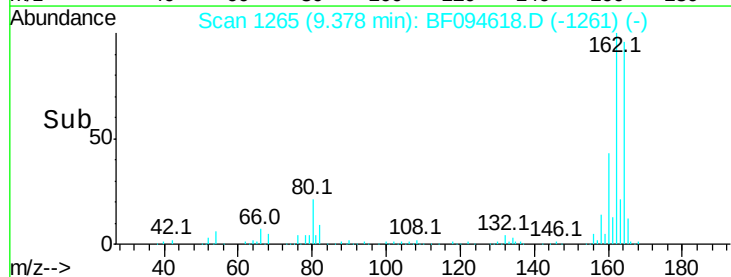
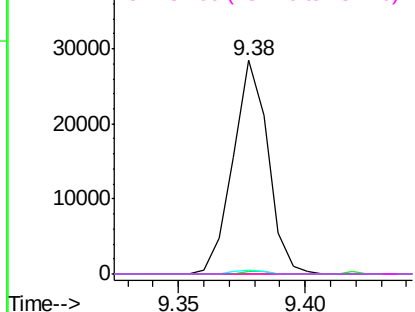


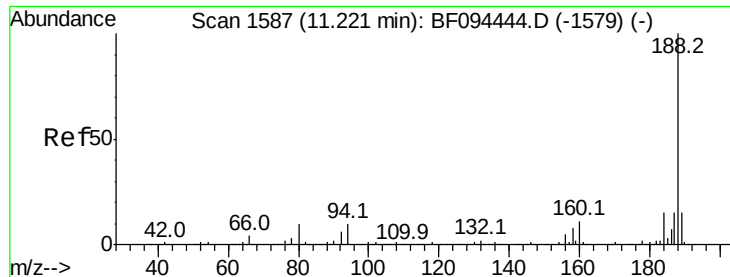
#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.28 min
Lab File: BF094618.D
Acq: 25 Apr 2017 21:06

Tgt Ion:165 Resp: 27253
Ion Ratio Lower Upper
165 100
63 1.2 25.4 38.0#
89 2.0 46.4 69.6#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

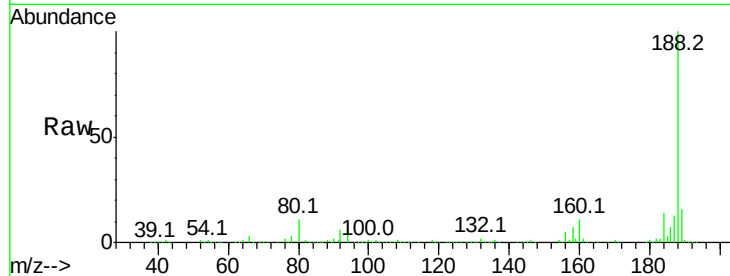




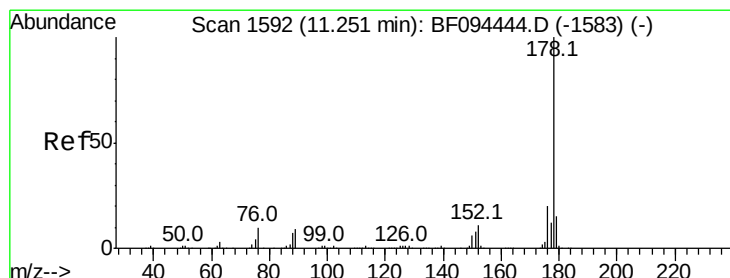
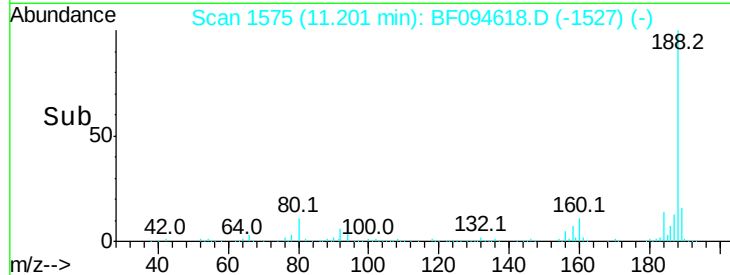
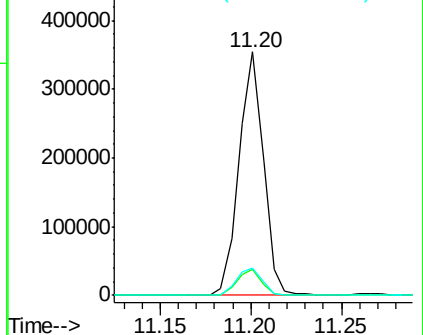
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094618.D
Acq: 25 Apr 2017 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 334167
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.4 10.2 15.2

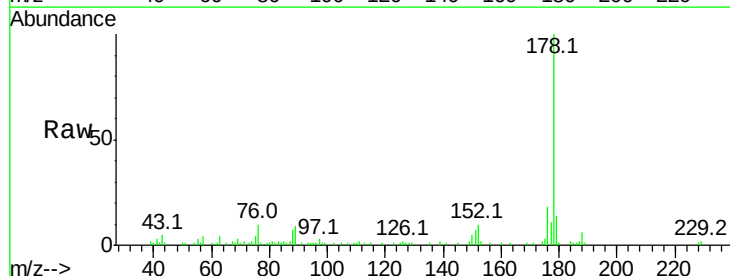


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

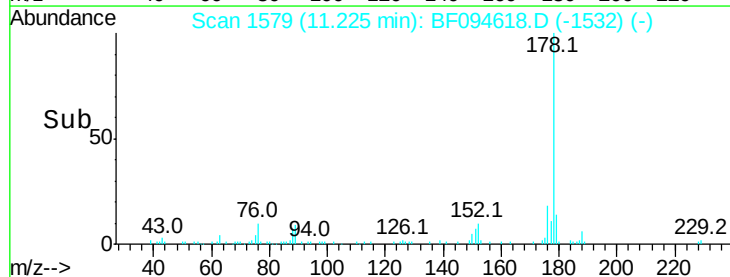
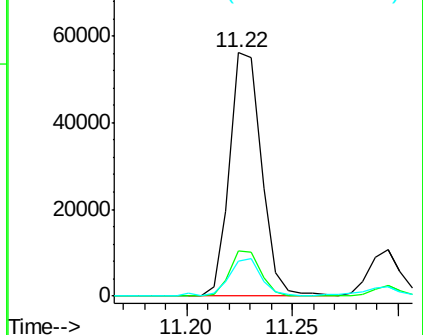


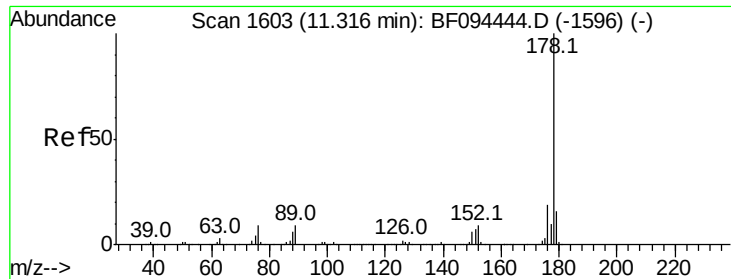
#70
Phenanthrene
Concen: 3.12 ng
RT: 11.22 min Scan# 1579
Delta R.T. -0.03 min
Lab File: BF094618.D
Acq: 25 Apr 2017 21:06

Tgt Ion:178 Resp: 58700
Ion Ratio Lower Upper
178 100
176 18.3 16.2 24.4
179 14.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

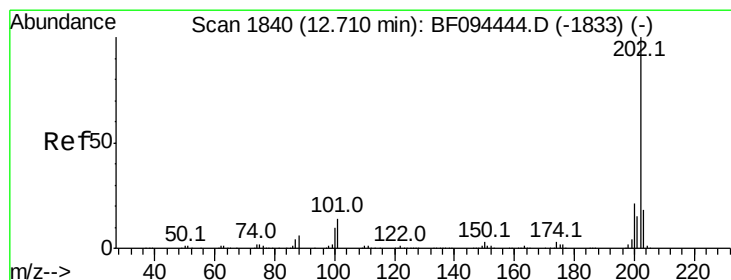
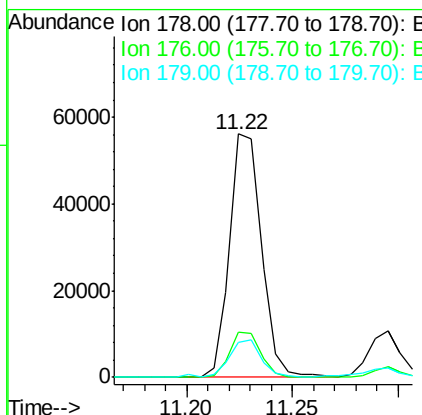
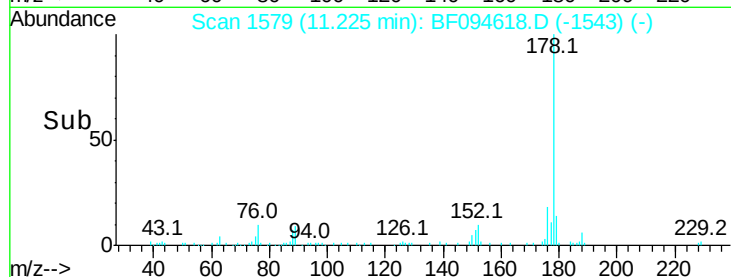
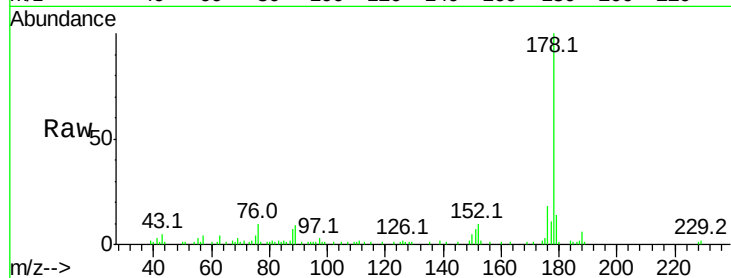




#71
 Anthracene
 Concen: 3.02 ng
 RT: 11.22 min Scan# 1579
 Delta R.T. -0.09 min
 Lab File: BF094618.D
 Acq: 25 Apr 2017 21:06

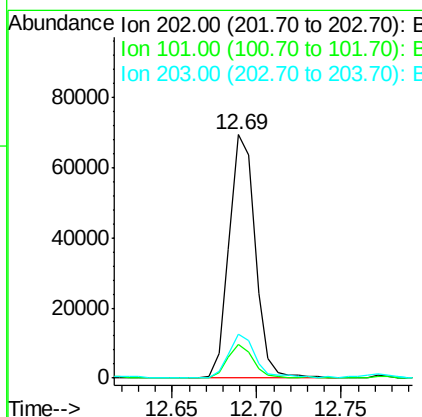
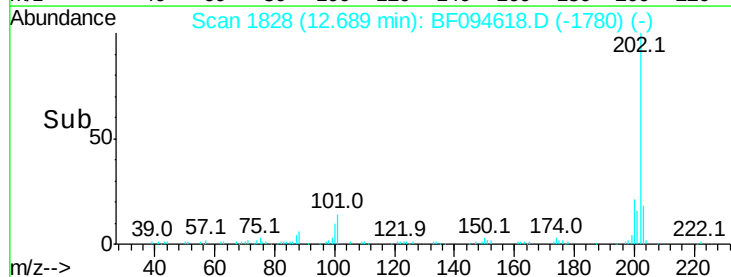
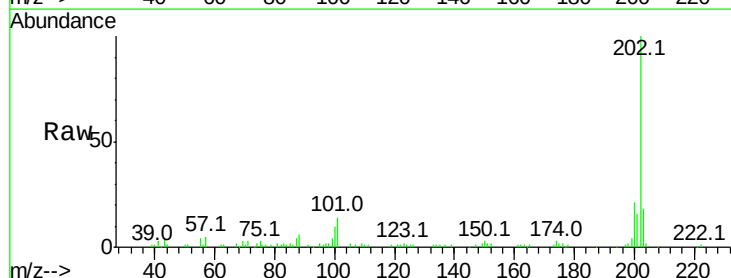
Instrument :
 BNA_F
 ClientSampleId :

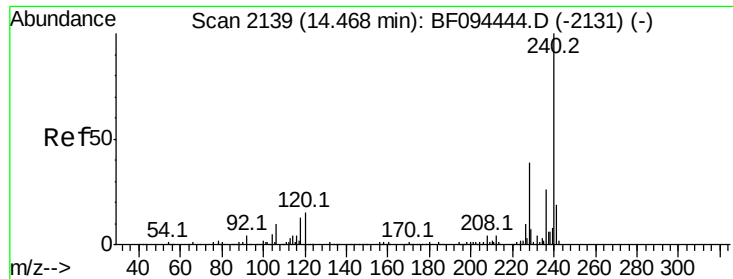
Tot Ion:178 Resp: 58700
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 14.4 12.7 19.1



#74
 Fluoranthene
 Concen: 3.82 ng
 RT: 12.69 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF094618.D
 Acq: 25 Apr 2017 21:06

Tgt Ion:202 Resp: 74573
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 33.2
 203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094618.D

Acq: 25 Apr 2017 21:06

Instrument :

BNA_F

ClientSampleId :

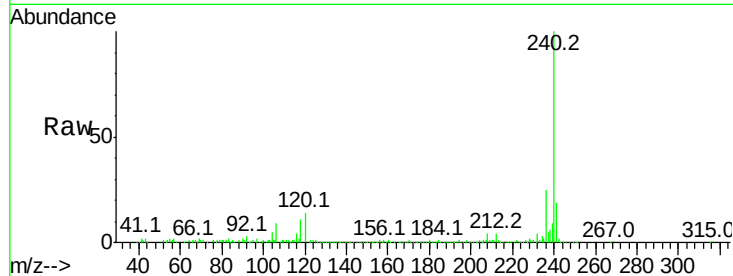
Tot Ion:240 Resp: 274877

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

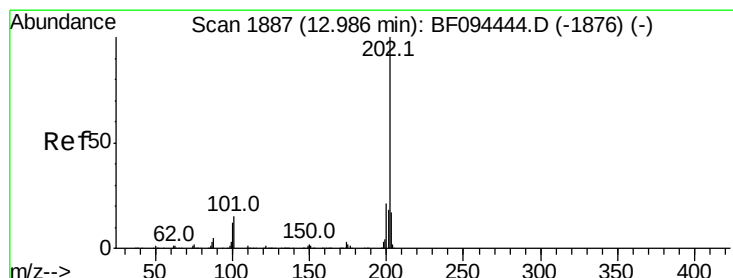
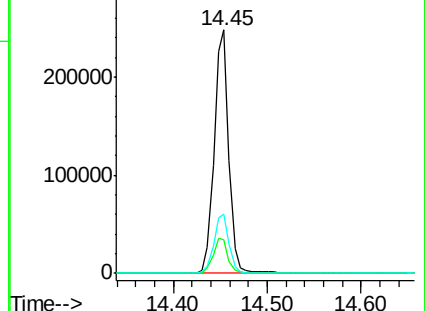
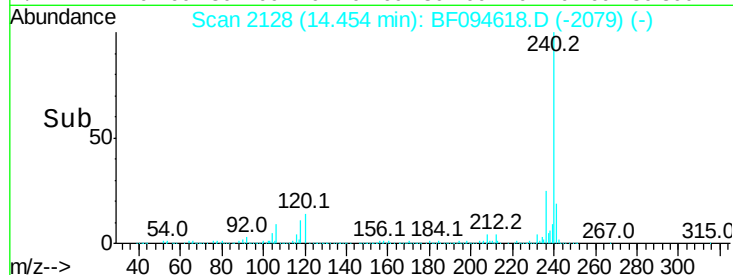
236 24.5 20.5 30.7



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



#77

Pyrene

Concen: 3.50 ng

RT: 12.97 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BF094618.D

Acq: 25 Apr 2017 21:06

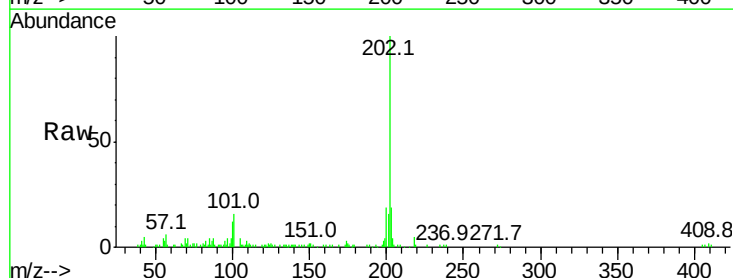
Tgt Ion:202 Resp: 67195

Ion Ratio Lower Upper

202 100

200 18.8 17.6 26.4

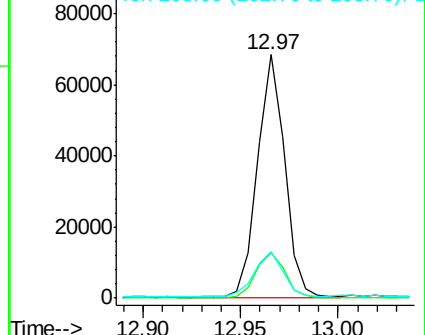
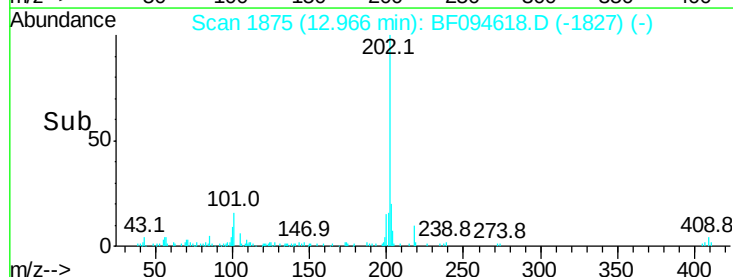
203 19.0 14.4 21.6

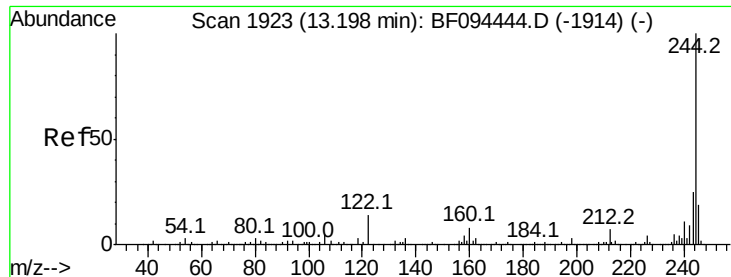


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

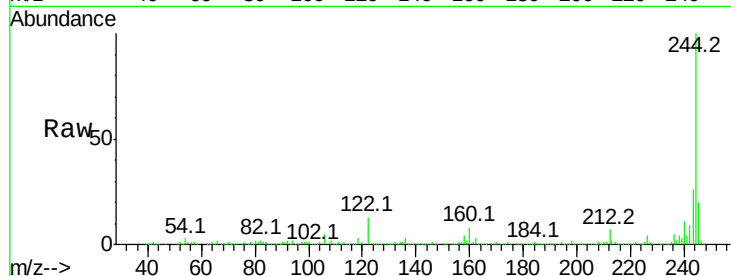




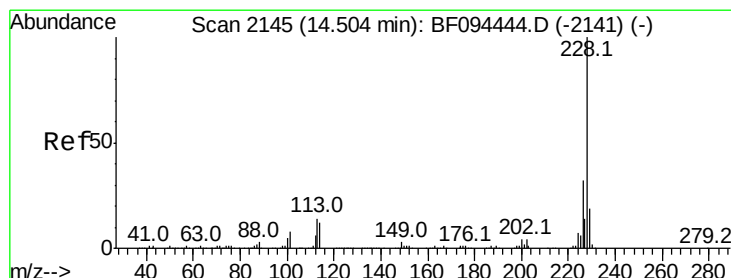
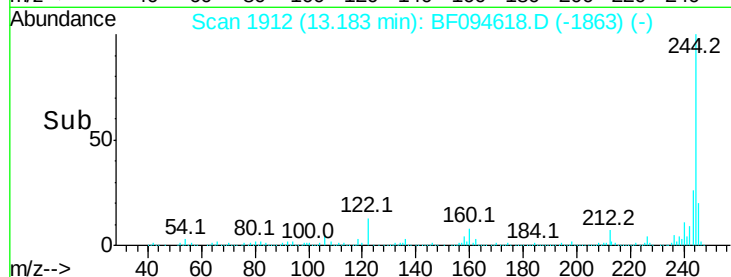
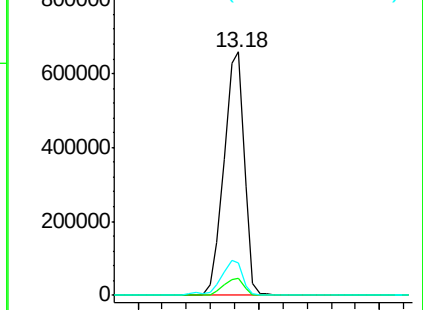
#78
 Terphenyl-d14
 Concen: 74.68 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094618.D
 Acq: 25 Apr 2017 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 767980
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.1 10.3 15.5

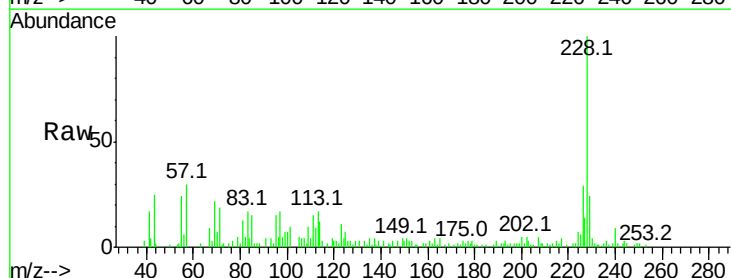


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

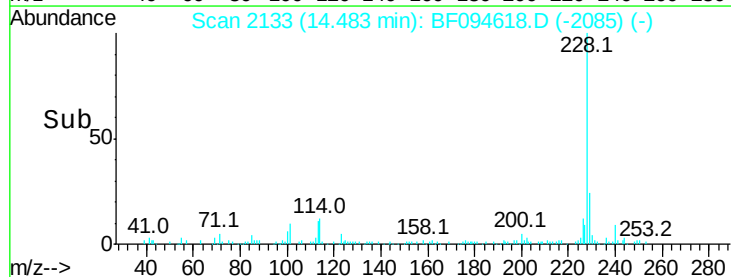
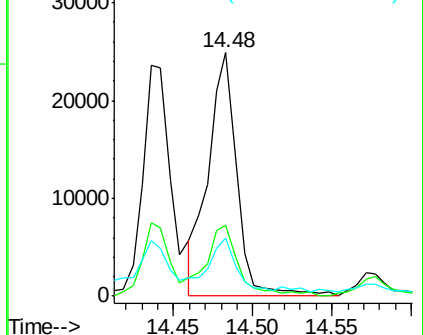


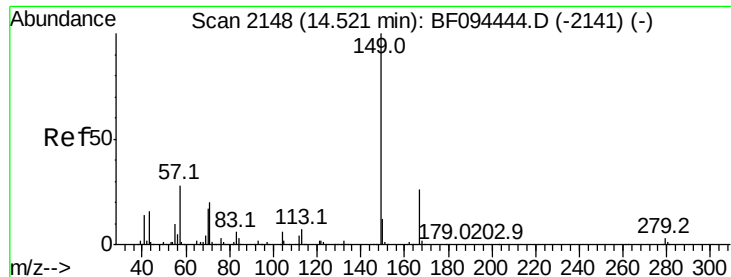
#82
 Chrysene
 Concen: 2.16 ng
 RT: 14.48 min Scan# 2133
 Delta R.T. -0.02 min
 Lab File: BF094618.D
 Acq: 25 Apr 2017 21:06

Tgt Ion:228 Resp: 31495
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.9 37.3
 229 23.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

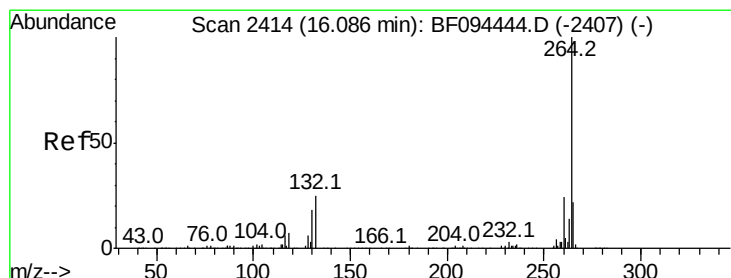
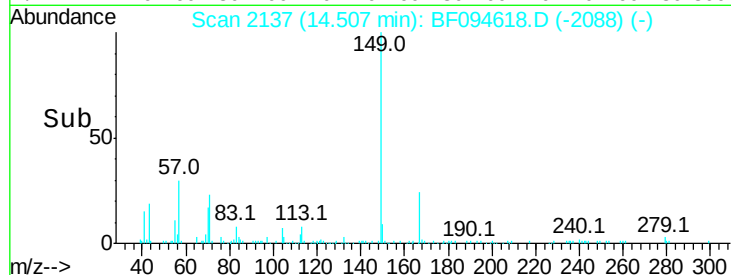
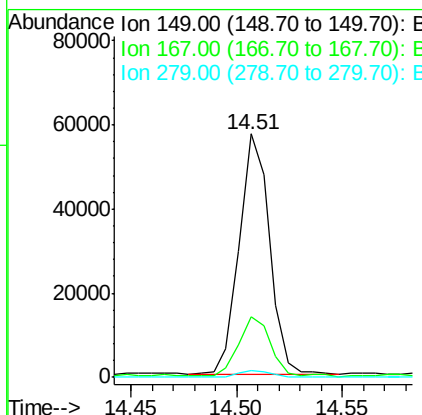
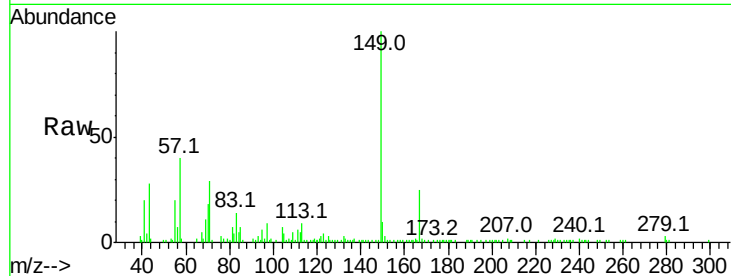




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.00 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BF094618.D
 Acq: 25 Apr 2017 21:06

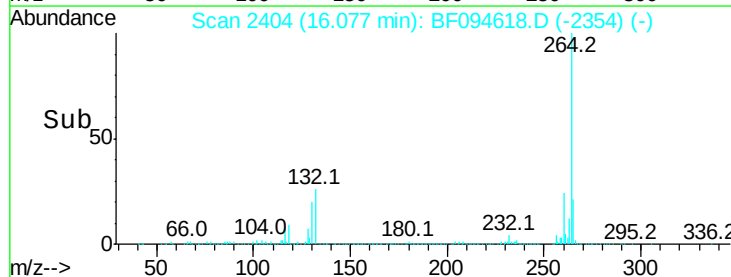
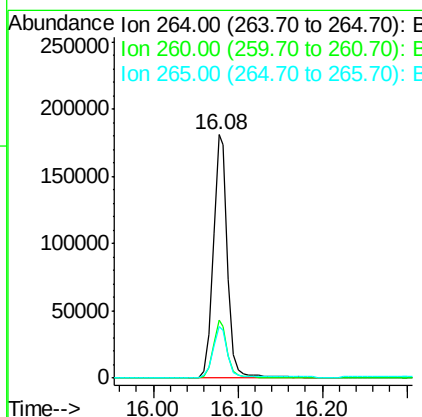
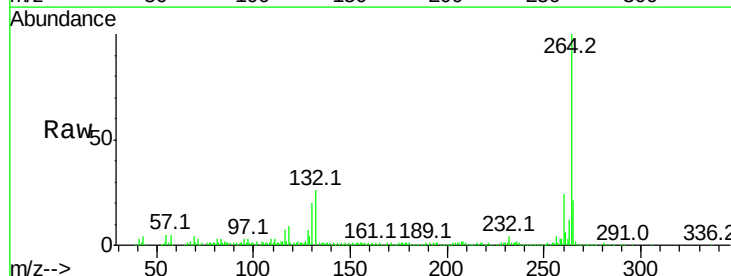
Instrument :
 BNA_F
 ClientSampleId :

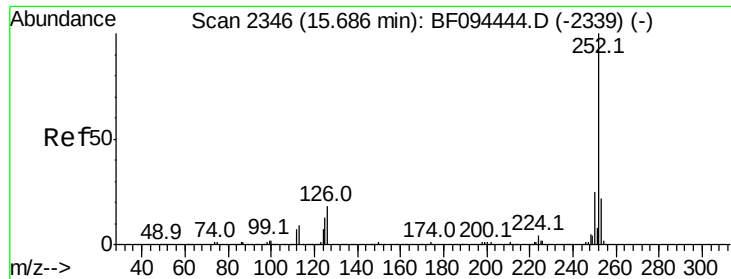
Tot Ion:149 Resp: 56496
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.0 31.4
 279 2.6 1.9 2.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094618.D
 Acq: 25 Apr 2017 21:06

Tgt Ion:264 Resp: 218509
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 3.61 ng

RT: 15.68 min Scan# 2336

Delta R.T. -0.01 min

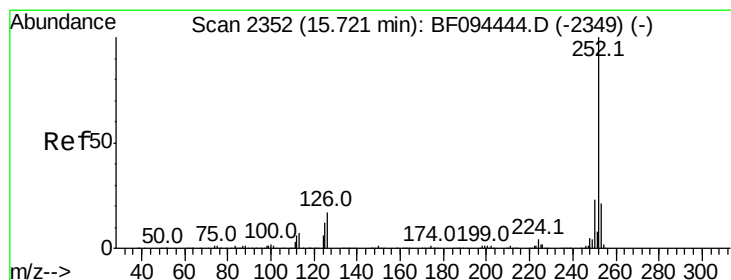
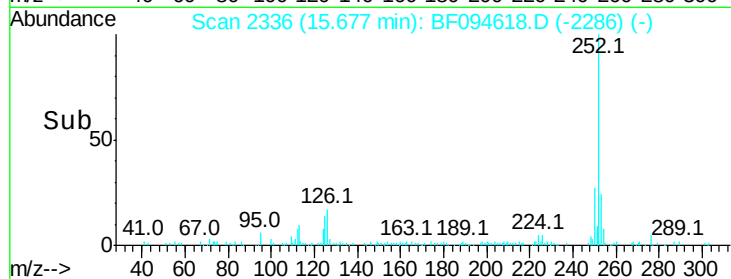
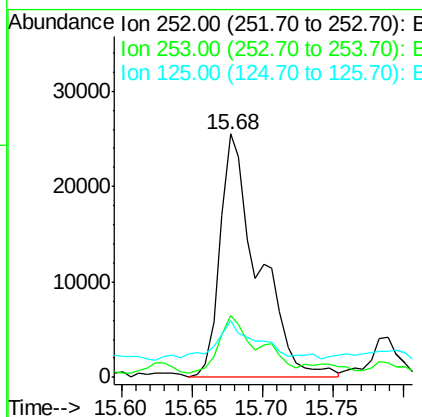
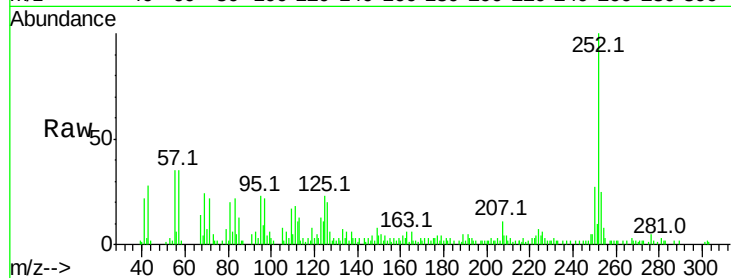
Lab File: BF094618.D

Acq: 25 Apr 2017 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 48242

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	23.2	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 3.81 ng

RT: 15.68 min Scan# 2336

Delta R.T. -0.04 min

Lab File: BF094618.D

Acq: 25 Apr 2017 21:06

Tgt Ion:252 Resp: 48242

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.4	27.6
125	23.2	13.1	19.7#

