

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098967.D
 Acq On : 30 Sep 2017 17:19
 Operator : SJ/JU
 Sample : I5511-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 30 23:26:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

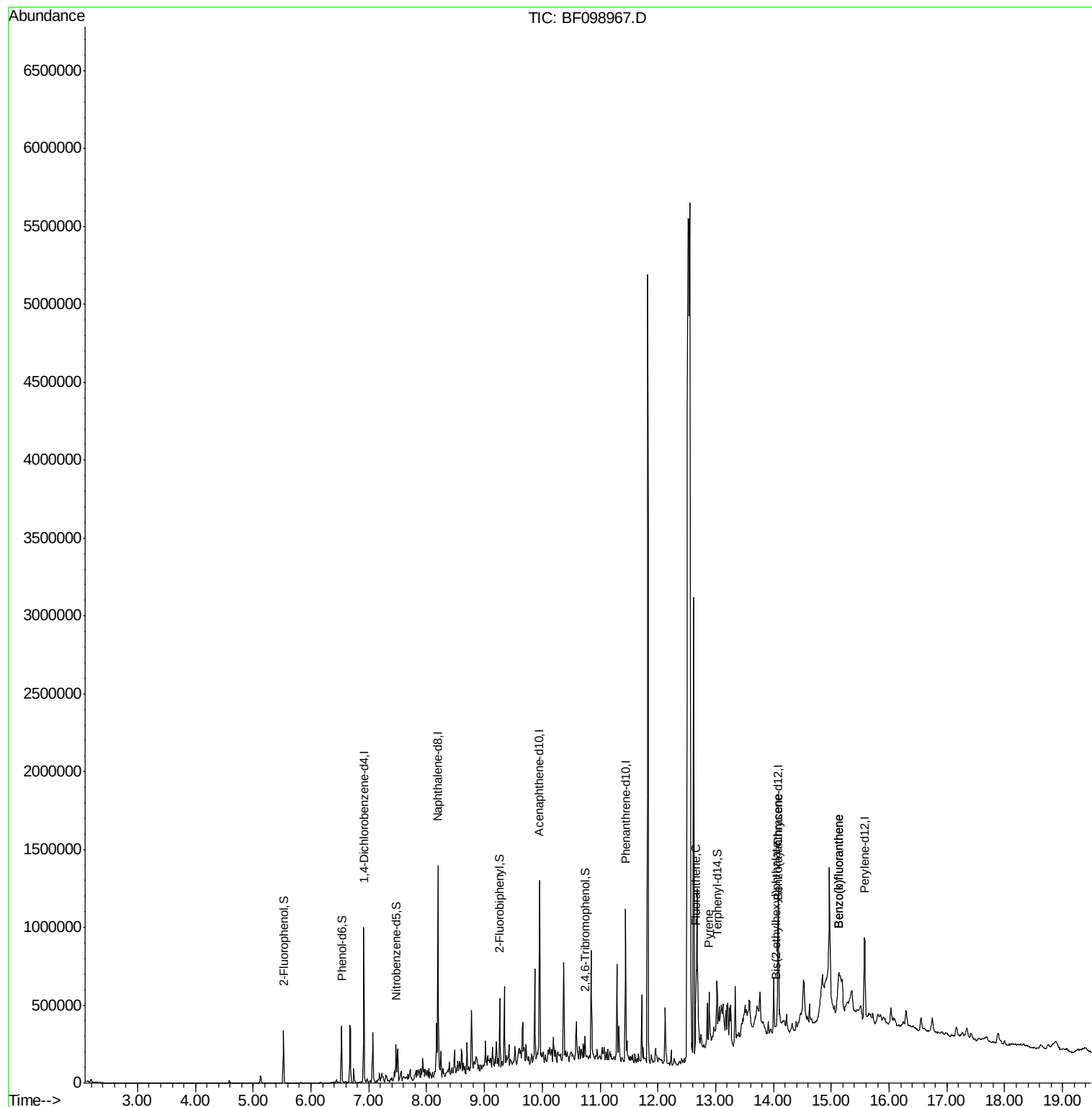
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	143523	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	576182	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	230353	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	317270	20.00	ng	0.00
75) Chrysene-d12	14.08	240	260942	20.00	ng	0.00
86) Perylene-d12	15.57	264	211810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	92138	10.22	ng	-0.02
7) Phenol-d6	6.53	99	112118	10.08	ng	-0.02
23) Nitrobenzene-d5	7.47	82	62552	6.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	14190	7.53	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	126289	9.15	ng	-0.01
78) Terphenyl-d14	13.02	244	72867	6.35	ng	-0.01
Target Compounds						
74) Fluoranthene	12.66	202	62955	3.661	ng	Qvalue 97
77) Pyrene	12.89	202	58786	2.954	ng	98
80) Benzo(a)anthracene	14.07	228	31718	2.007	ng	# 84
83) Bis(2-ethylhexyl)phthalate	14.05	149	30915	2.401	ng	# 81
87) Benzo(b)fluoranthene	15.13	252	45173	3.469	ng	# 73
88) Benzo(k)fluoranthene	15.13	252	45173	3.512	ng	# 76

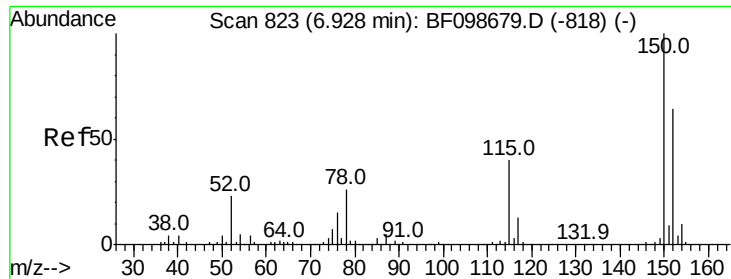
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098967.D
Acq On : 30 Sep 2017 17:19
Operator : SJ/JU
Sample : I5511-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 30 23:26:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



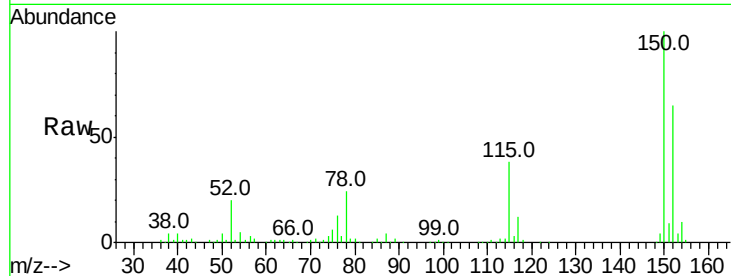


#1

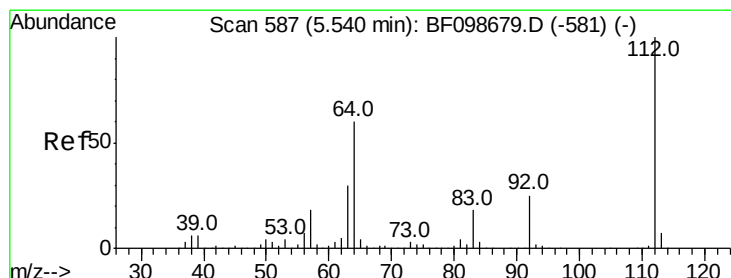
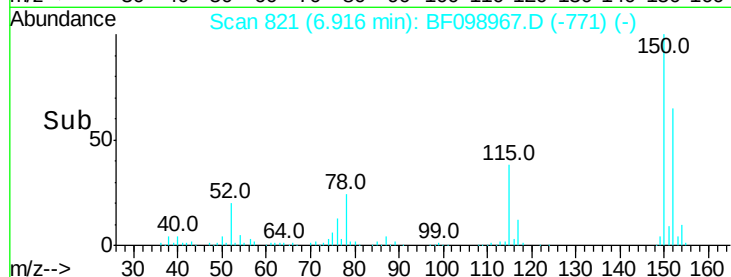
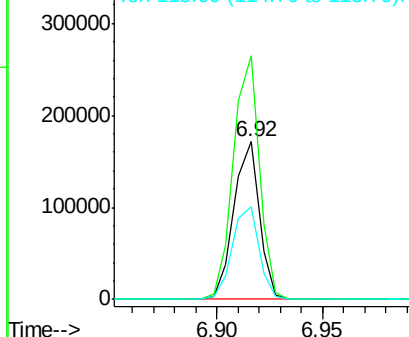
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098967.D
Acq: 30 Sep 2017 17:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143523
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 59.0 50.1 75.1



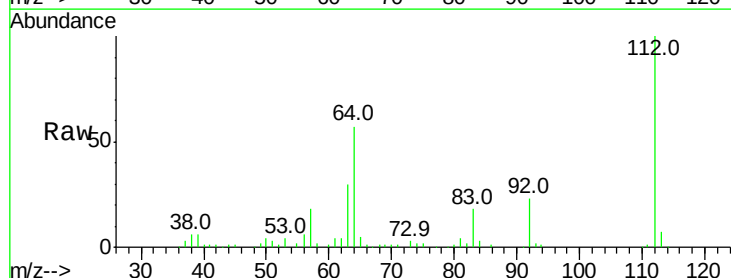
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



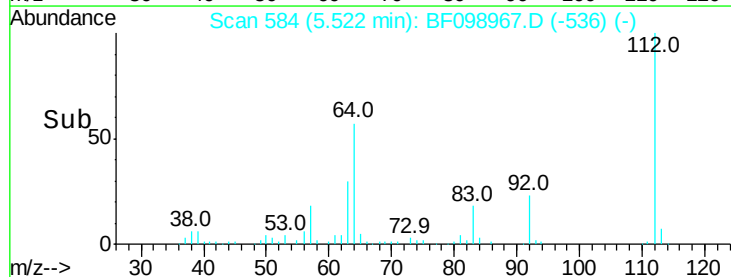
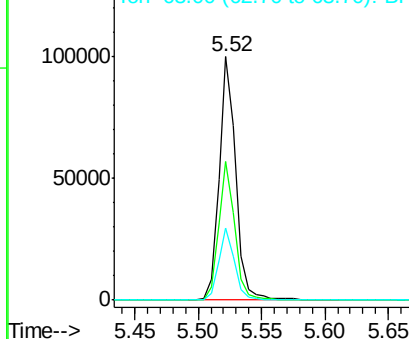
#5

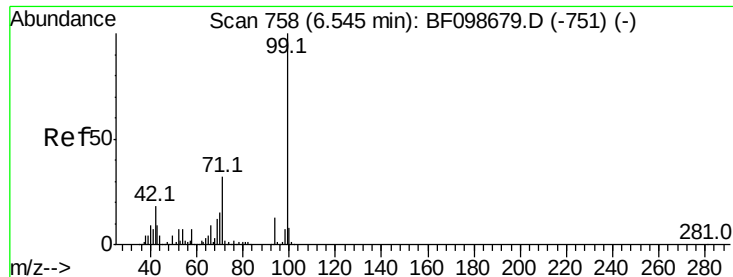
2-Fluorophenol
Concen: 10.220 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098967.D
Acq: 30 Sep 2017 17:19

Tgt Ion:112 Resp: 92138
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 29.6 23.7 35.5



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: 10.081 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Instrument :

BNA_F

ClientSampleId :

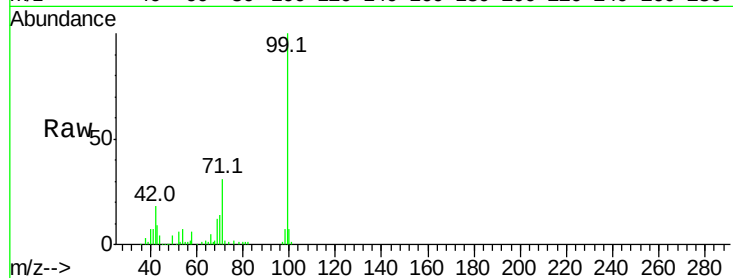
Tot Ion: 99 Resp: 112118

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

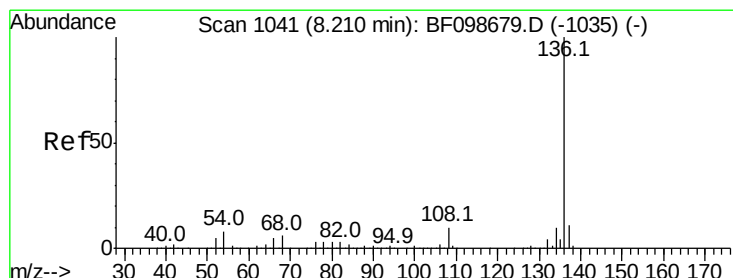
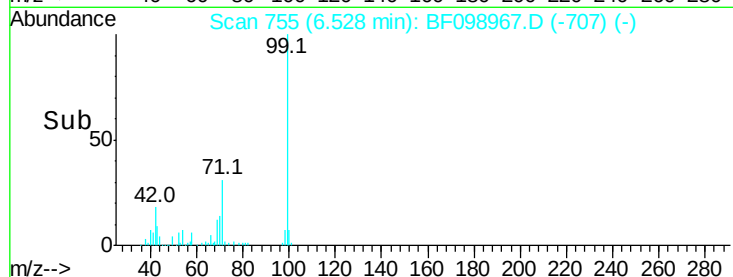
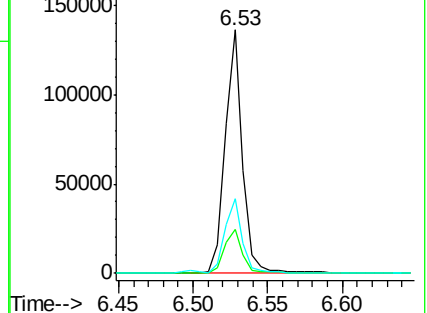
71 30.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Tgt Ion: 136 Resp: 576182

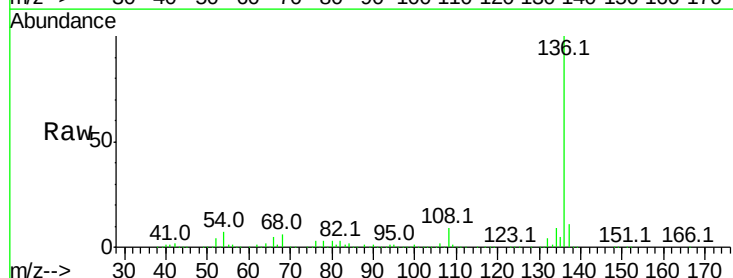
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 6.6 9.8

68 5.7 5.0 7.4

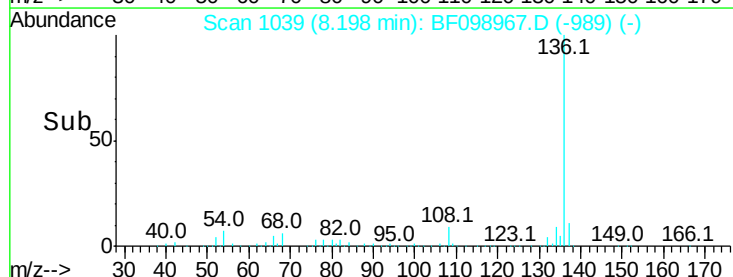
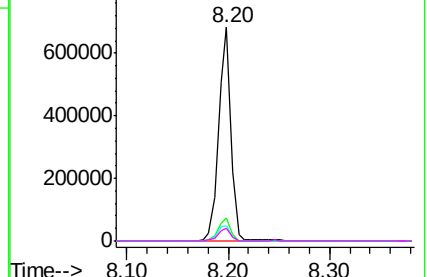


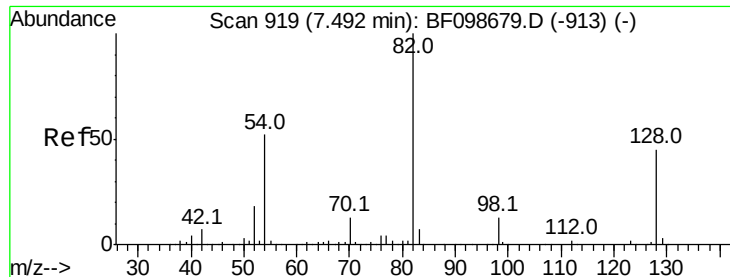
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

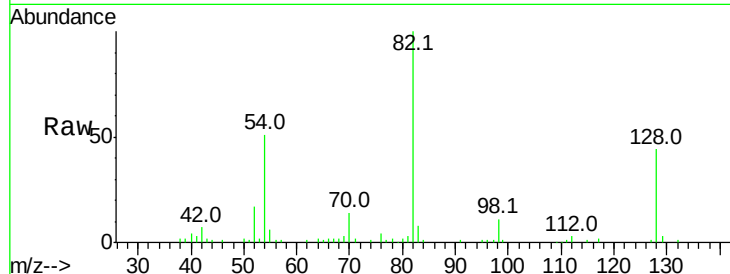




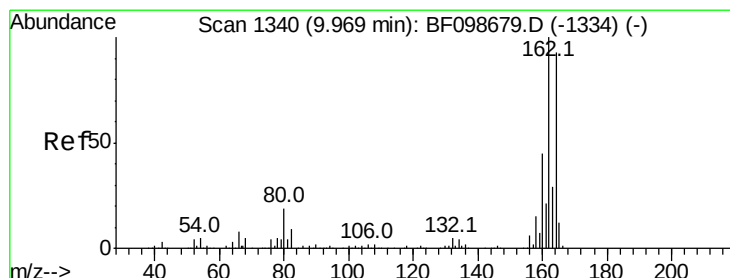
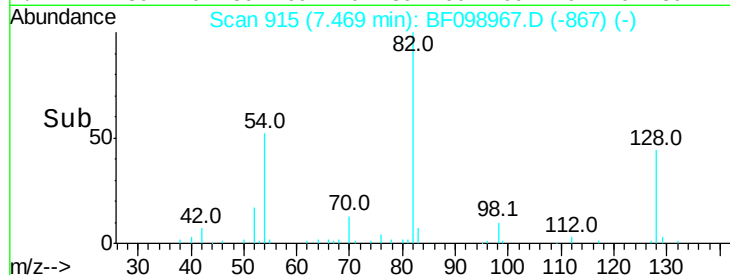
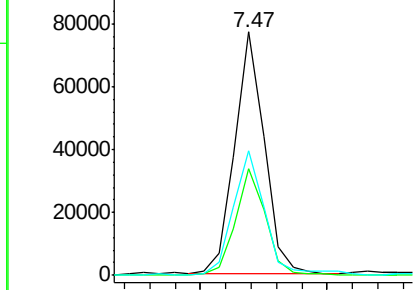
#23
Nitrobenzene-d5
Concen: 6.962 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098967.D
Acq: 30 Sep 2017 17:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	51.2	41.4	62.2

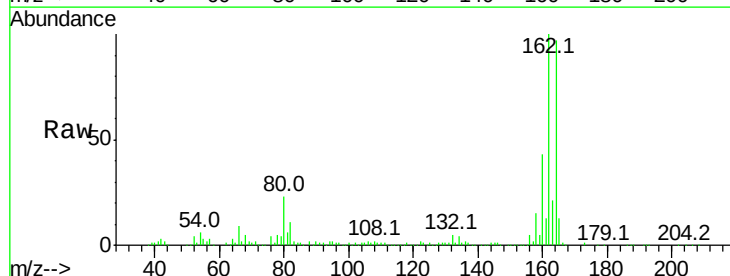


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

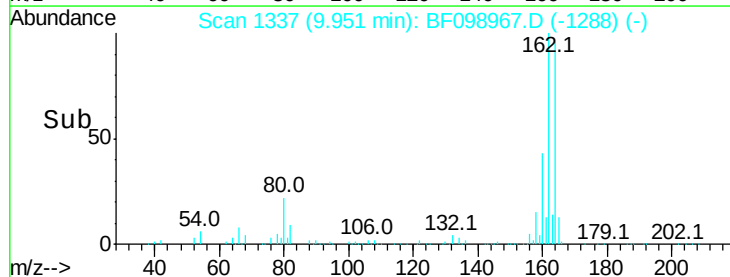
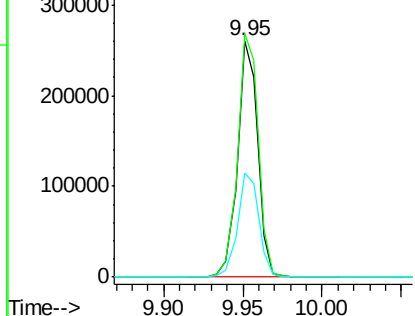


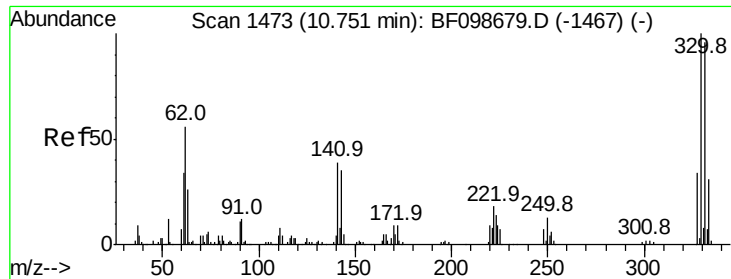
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098967.D
Acq: 30 Sep 2017 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.1	38.3	57.5



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

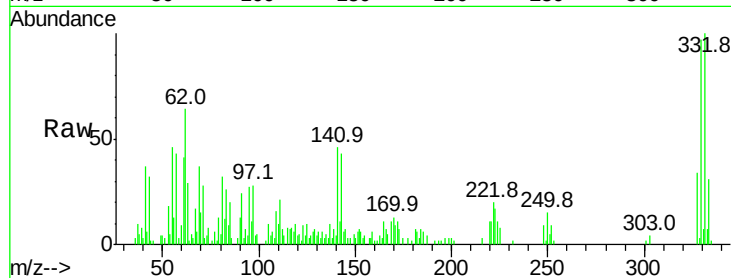




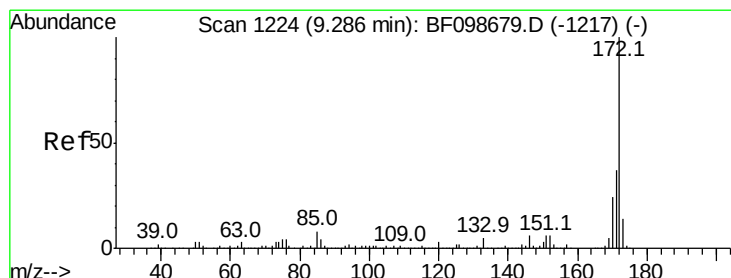
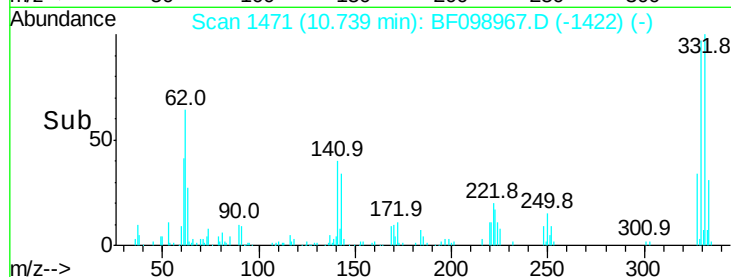
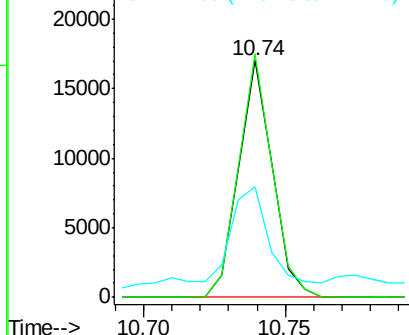
#41
 2,4,6-Tribromophenol
 Concen: 7.528 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098967.D
 Acq: 30 Sep 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 14190
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 54.8 29.9 44.9#

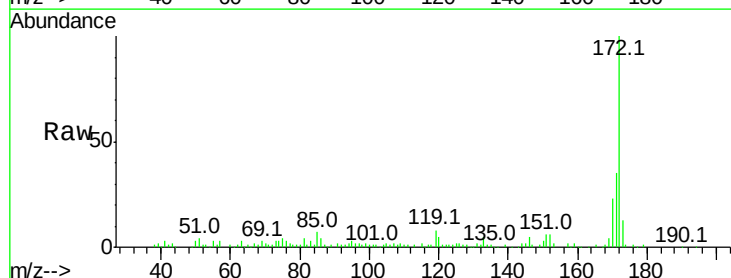


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

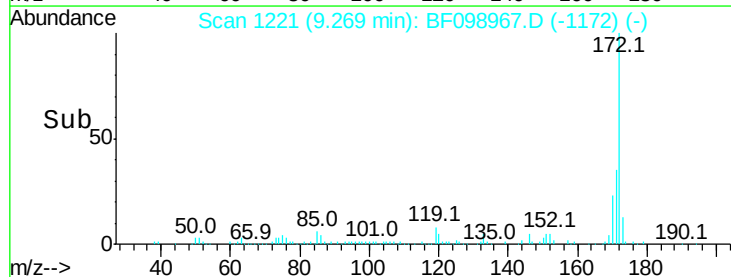
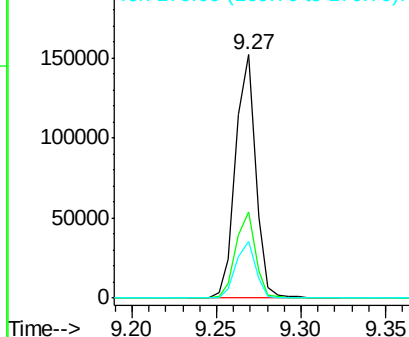


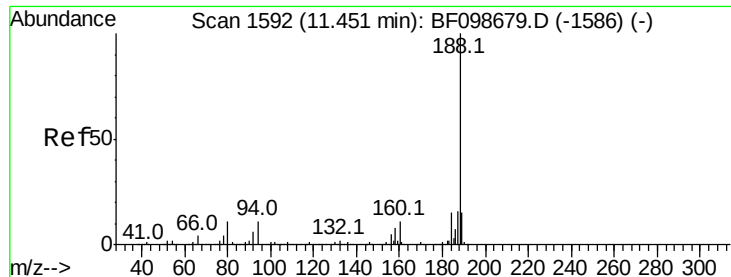
#44
 2-Fluorobiphenyl
 Concen: 9.152 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098967.D
 Acq: 30 Sep 2017 17:19

Tgt Ion:172 Resp: 126289
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.1 19.6 29.4



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

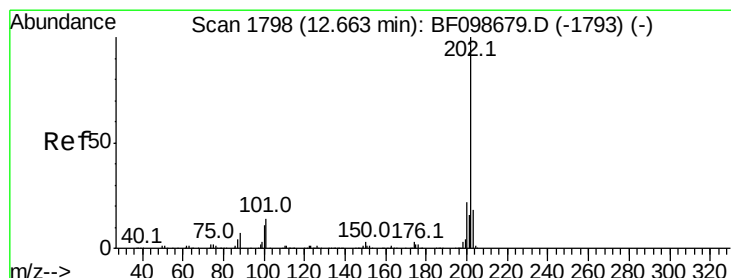
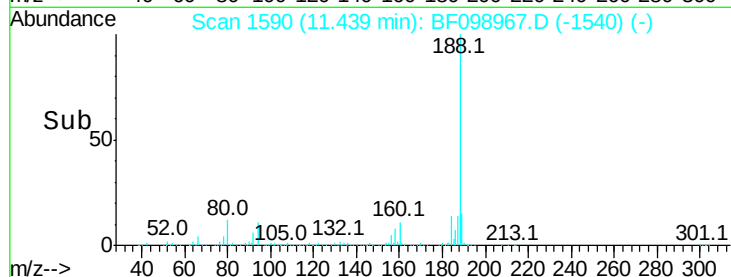
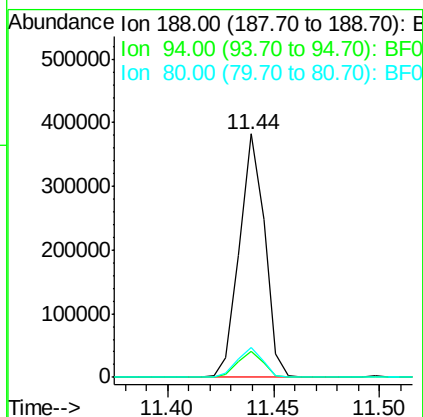
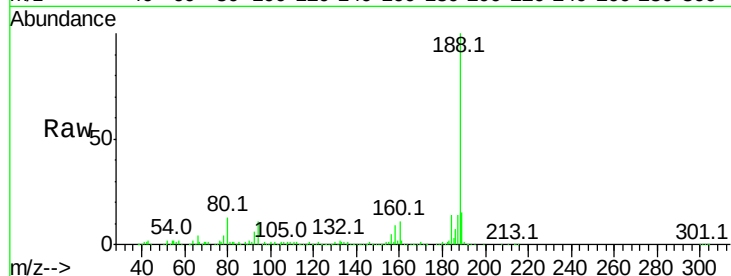




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098967.D
Acq: 30 Sep 2017 17:19

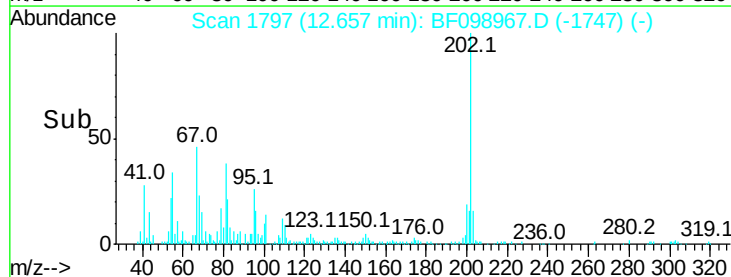
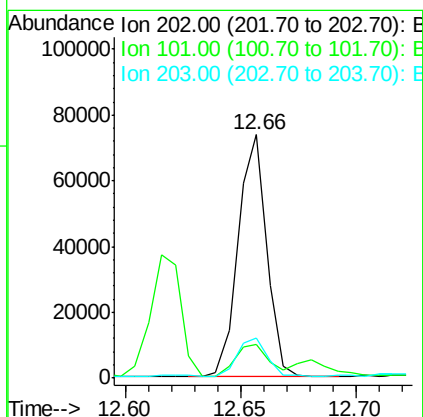
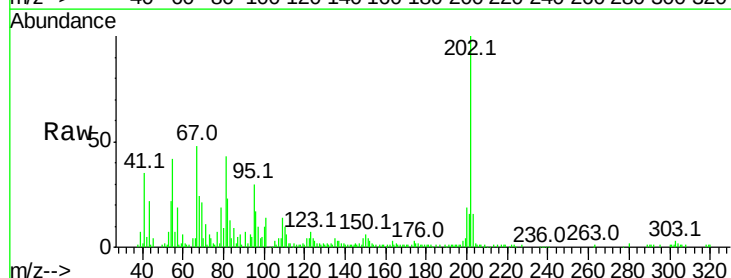
Instrument :
BNA_F
ClientSampleId :

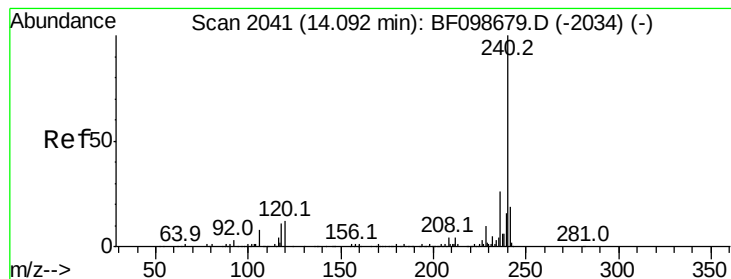
Tot Ion:188 Resp: 317270
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.5 9.2 13.8



#74
Fluoranthene
Concen: 3.661 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098967.D
Acq: 30 Sep 2017 17:19

Tgt Ion:202 Resp: 62955
Ion Ratio Lower Upper
202 100
101 13.8 0.0 34.1
203 16.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Instrument :

BNA_F

ClientSampleId :

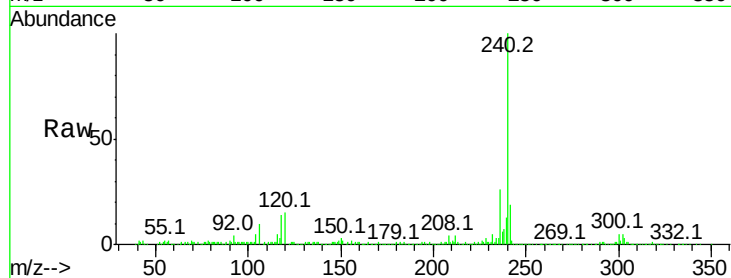
Tot Ion:240 Resp: 260942

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

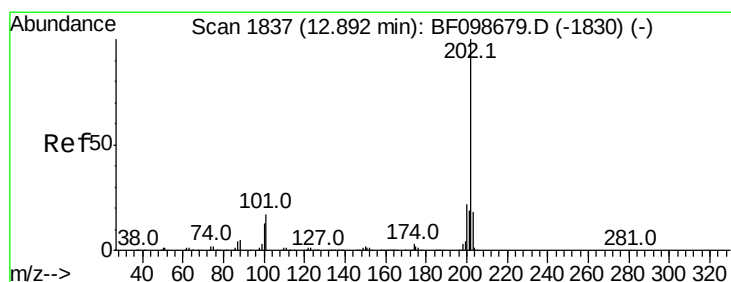
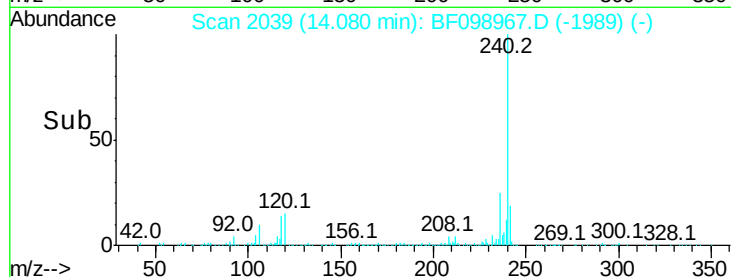
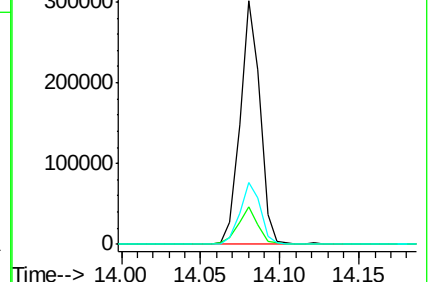
236 25.5 20.7 31.1



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: 2.954 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

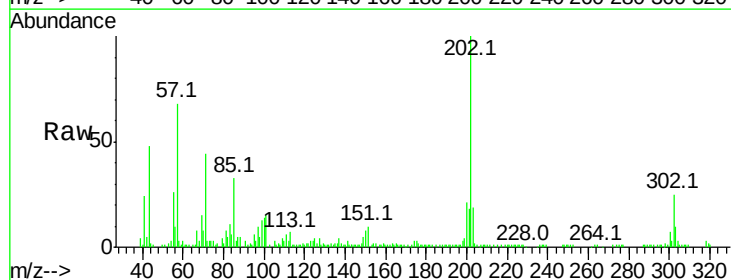
Tgt Ion:202 Resp: 58786

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

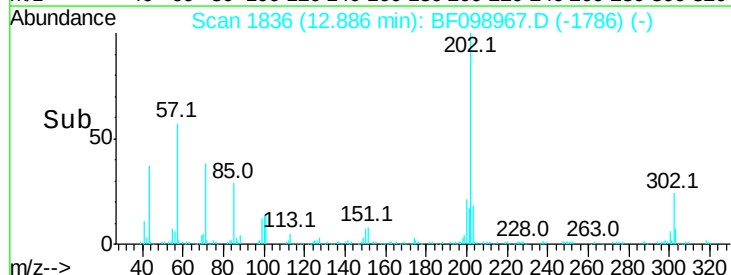
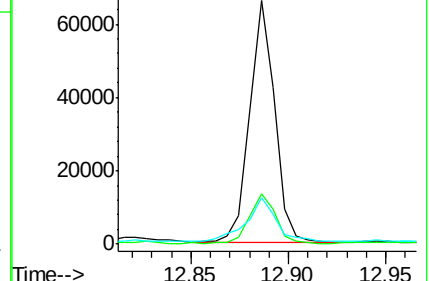
203 18.9 14.3 21.5

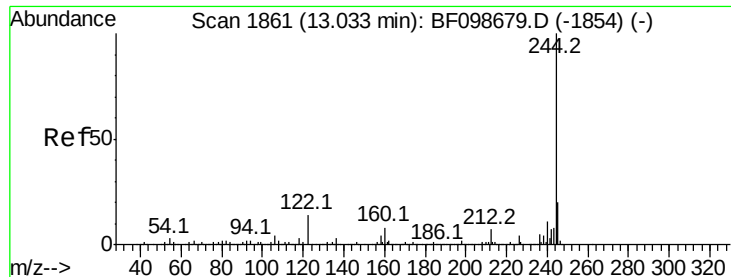


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 6.351 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Instrument :

BNA_F

ClientSampled :

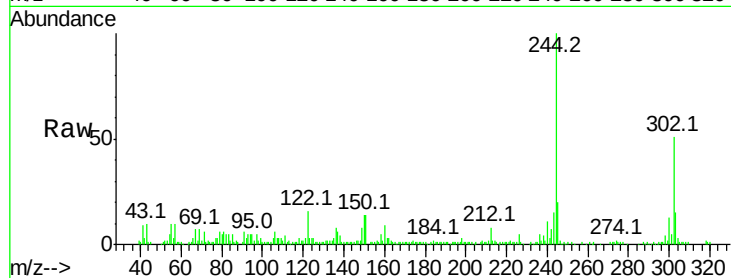
Tot Ion:244 Resp: 72867

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.0#

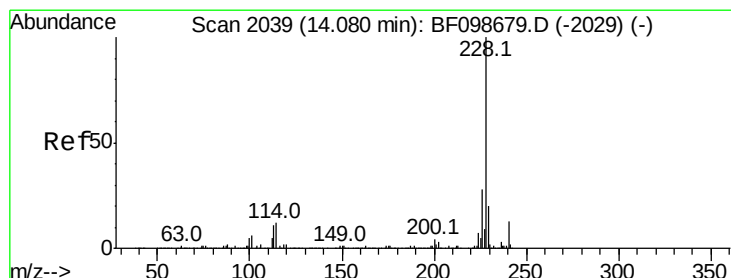
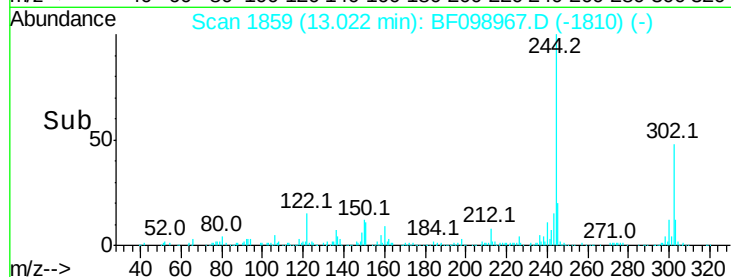
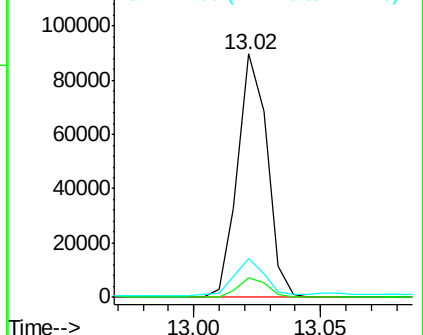
122 15.7 11.0 16.4



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



#80

Benzo(a)anthracene

Concen: 2.007 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

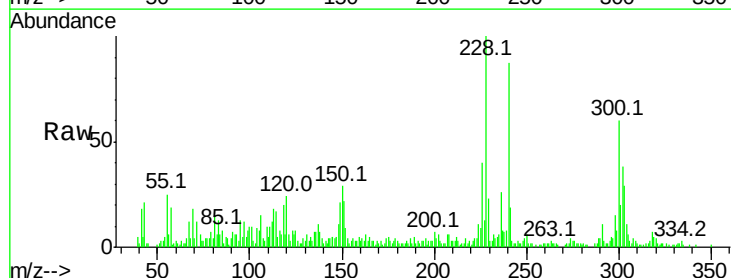
Tgt Ion:228 Resp: 31718

Ion Ratio Lower Upper

228 100

226 39.8 22.6 33.8#

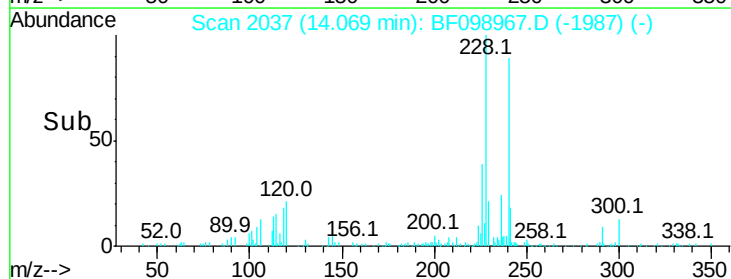
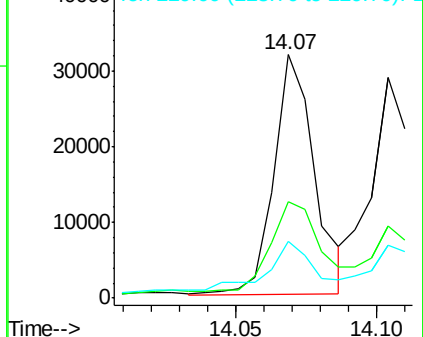
229 23.2 15.8 23.6

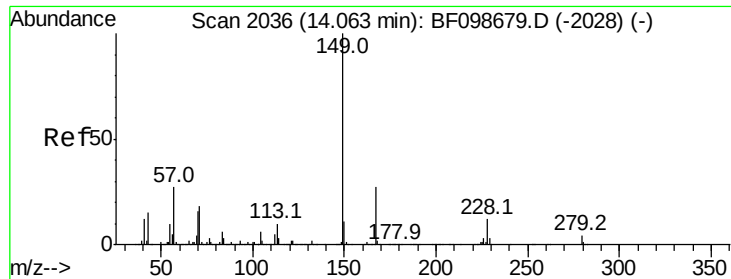


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

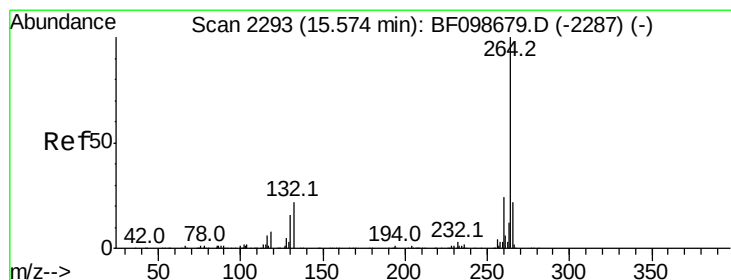
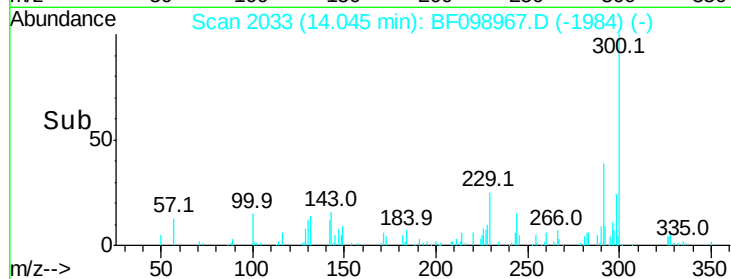
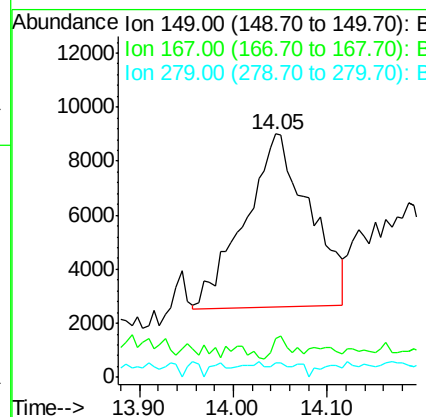
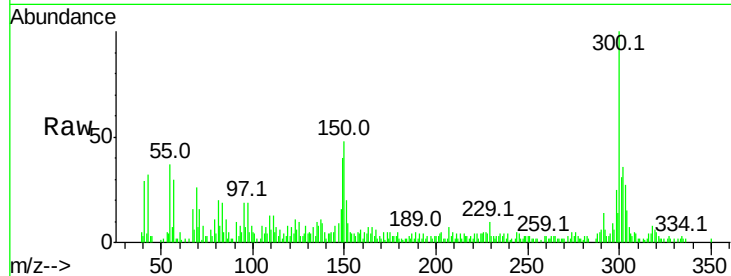




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.401 ng
 RT: 14.05 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF098967.D
 Acq: 30 Sep 2017 17:19

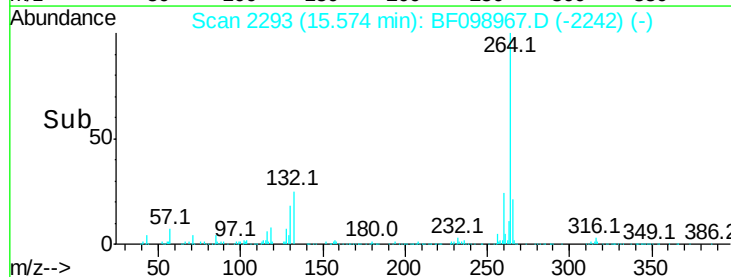
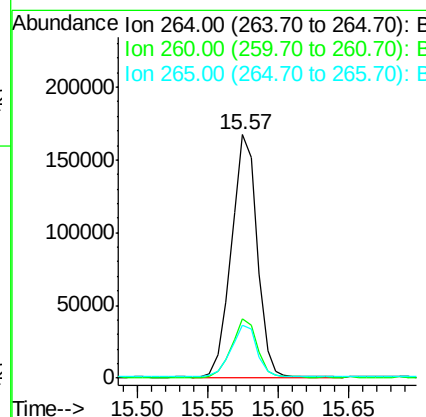
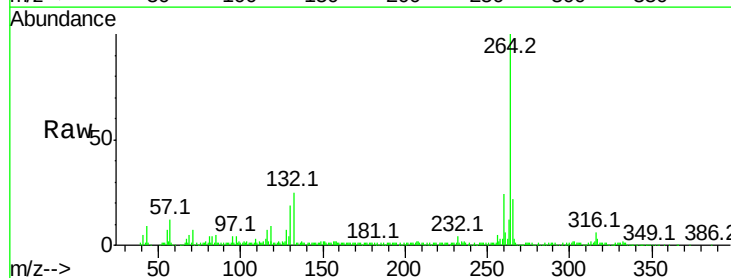
Instrument :
 BNA_F
 ClientSampled :

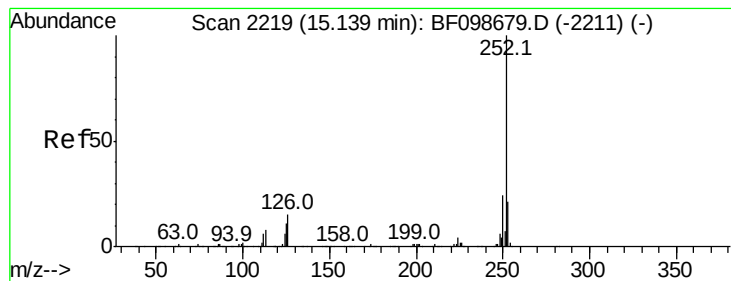
Tot Ion:149 Resp: 30915
 Ion Ratio Lower Upper
 149 100
 167 16.1 21.3 31.9#
 279 6.0 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF098967.D
 Acq: 30 Sep 2017 17:19

Tgt Ion:264 Resp: 211810
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.8 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 3.469 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Instrument :

BNA_F

ClientSampleId :

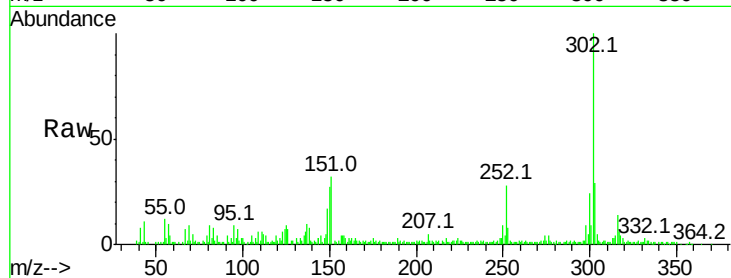
Tot Ion:252 Resp: 45173

Ion Ratio Lower Upper

252 100

253 27.3 17.0 25.6#

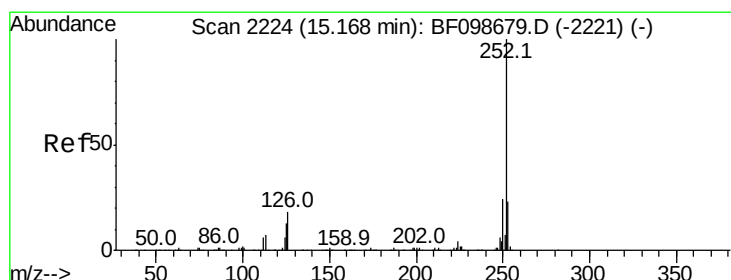
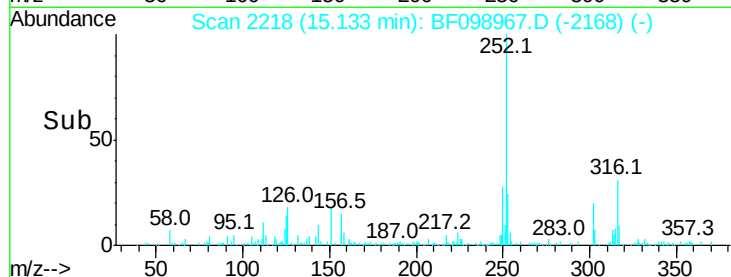
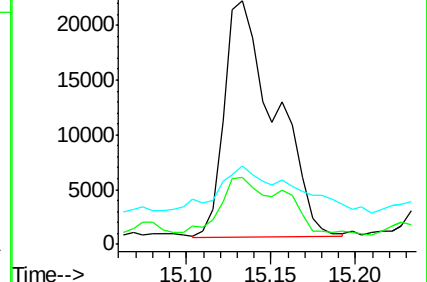
125 32.3 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.512 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.04 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

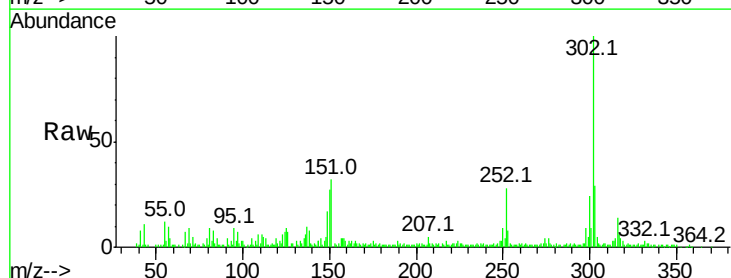
Tgt Ion:252 Resp: 45173

Ion Ratio Lower Upper

252 100

253 27.3 17.9 26.9#

125 32.3 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

