

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098630.D
 Acq On : 19 Sep 2017 5:01
 Operator : SJ/JU
 Sample : I5265-15 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-27D02

Quant Time: Sep 19 07:32:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

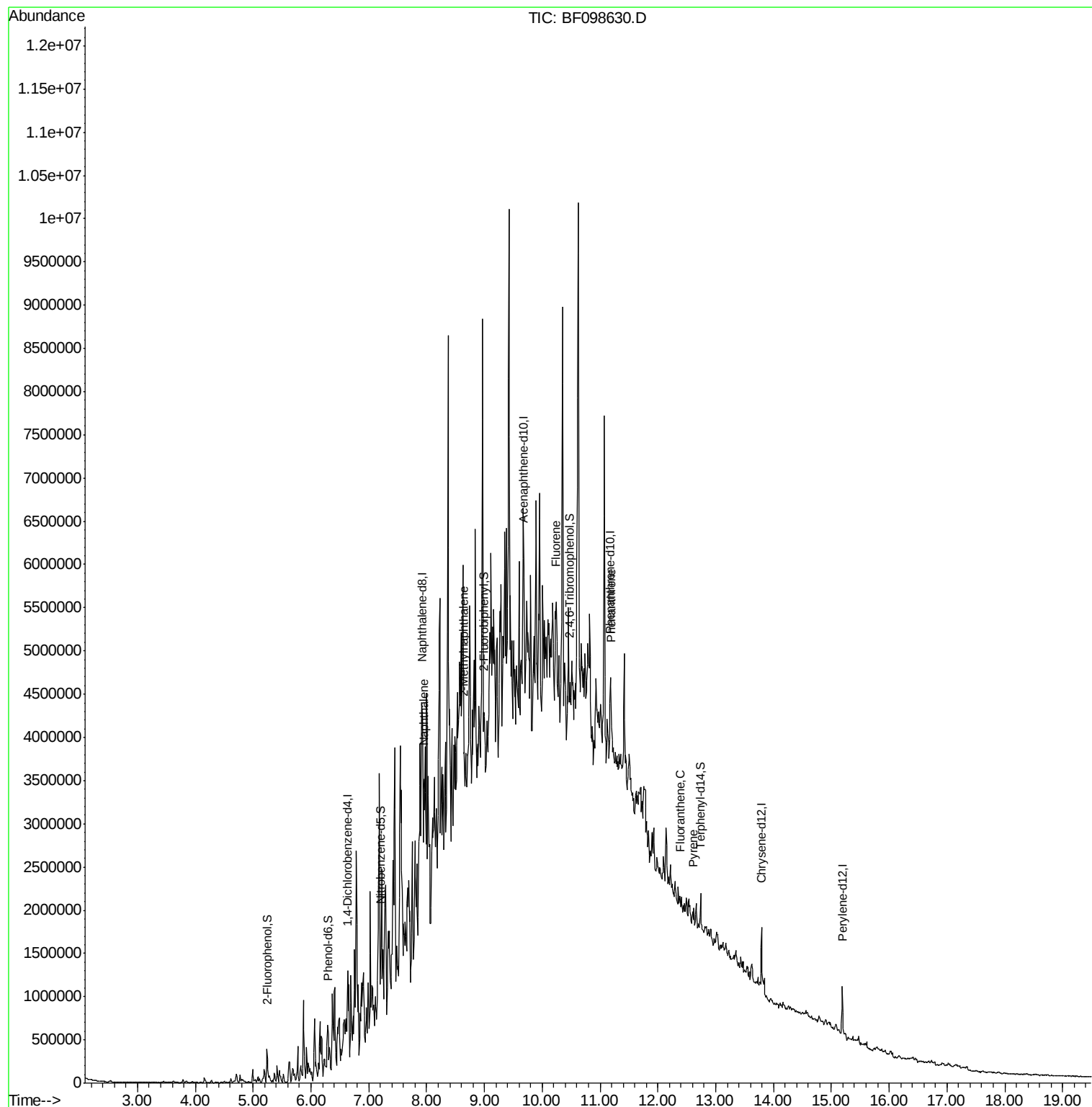
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	108928	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	374246	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	132614	20.00	ng	0.02
63) Phenanthrene-d10	11.17	188	204542	20.00	ng	0.02
75) Chrysene-d12	13.79	240	209322	20.00	ng	0.00
86) Perylene-d12	15.19	264	225148	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	132645	18.00	ng	0.00
7) Phenol-d6	6.29	99	164342	17.57	ng	0.00
23) Nitrobenzene-d5	7.20	82	101636	15.14	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	14685	16.59	ng	0.02
44) 2-Fluorobiphenyl	9.00	172	141366	18.07	ng	0.00
78) Terphenyl-d14	12.74	244	92194	9.51	ng	0.00
Target Compounds						
31) Naphthalene	7.95	128	82609	4.465	ng	# 74
37) 2-Methylnaphthalene	8.65	142	289839	25.863	ng	# 97
57) Fluorene	10.23	166	62178	7.117	ng	# 68
70) Phenanthrene	11.19	178	125799	11.601	ng	# 85
74) Fluoranthene	12.37	202	26106	2.405	ng	# 78
77) Pyrene	12.60	202	66149	4.006	ng	# 93

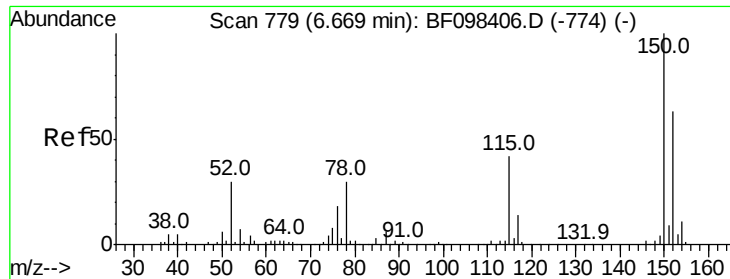
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098630.D
Acq On : 19 Sep 2017 5:01
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-27D02

Quant Time: Sep 19 07:32:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF098630.D

Acq: 19 Sep 2017 5:01

Instrument :

BNA_F

ClientSampled :

TP-27D02

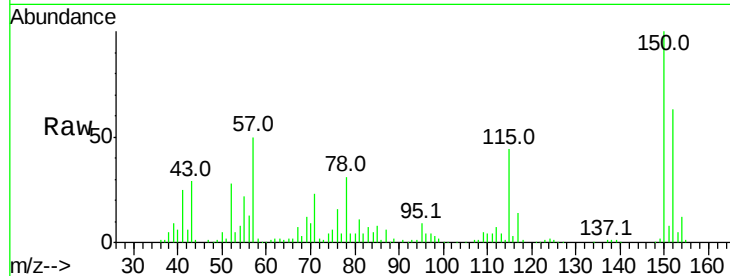
Tot Ion:152 Resp: 108928

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

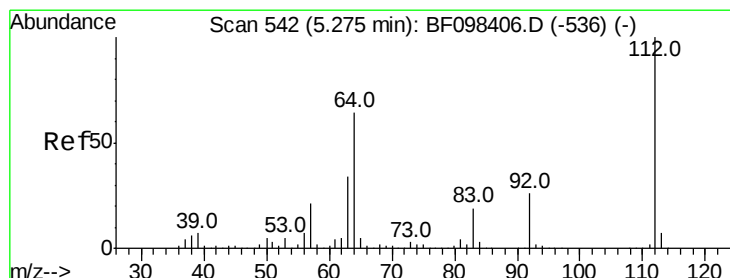
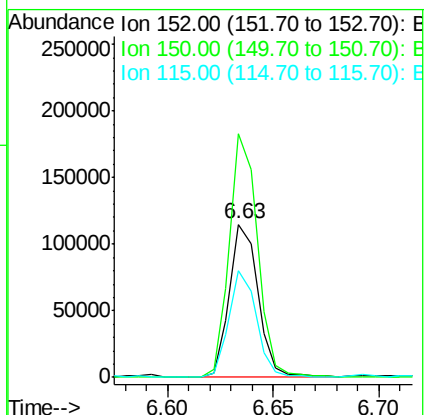
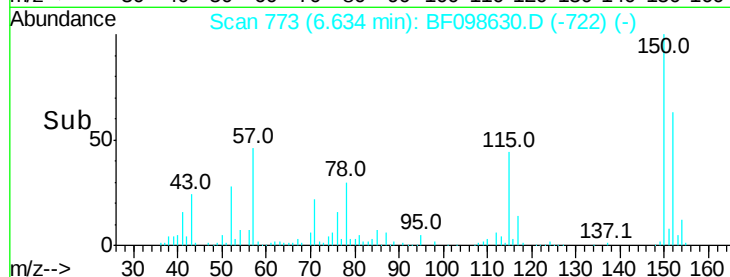
115 69.5 52.2 78.2



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: 18.004 ng

RT: 5.24 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF098630.D

Acq: 19 Sep 2017 5:01

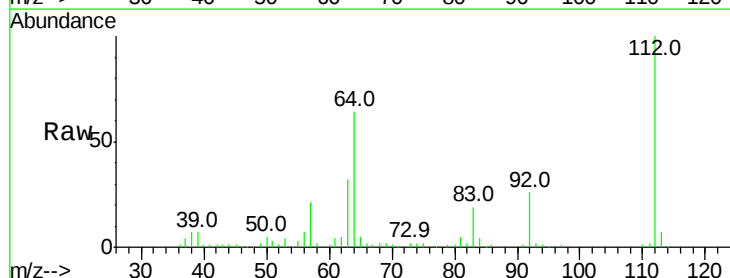
Tgt Ion:112 Resp: 132645

Ion Ratio Lower Upper

112 100

64 63.7 46.0 69.0

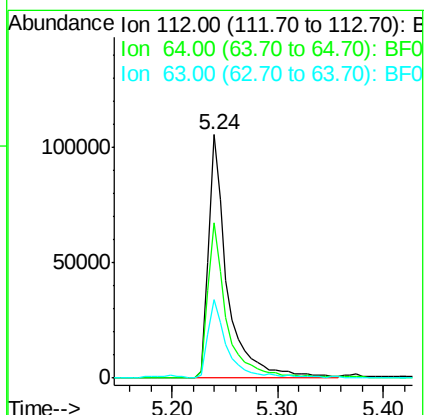
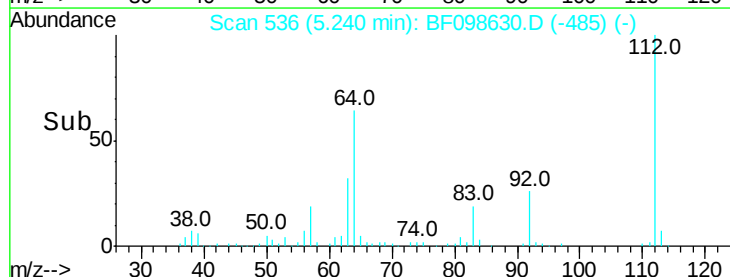
63 32.3 23.4 35.0

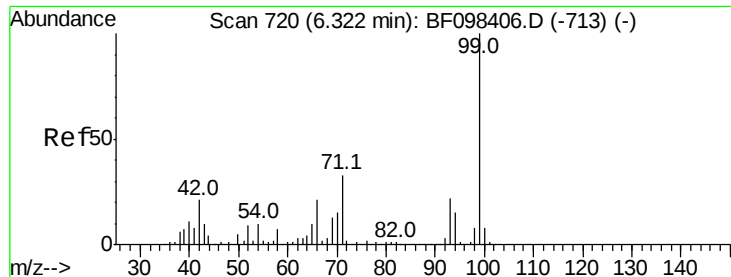


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.569 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098630.D

Acq: 19 Sep 2017 5:01

Instrument :

BNA_F

ClientSampleId :

TP-27D02

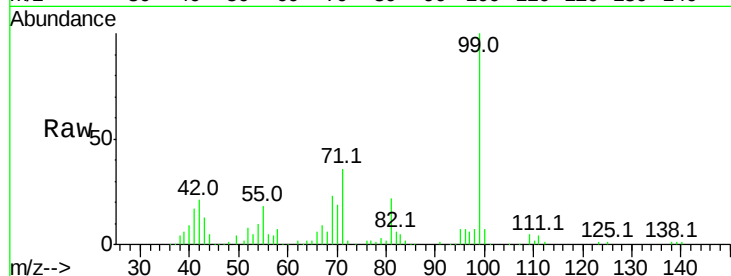
Tot Ion: 99 Resp: 164342

Ion Ratio Lower Upper

99 100

42 20.8 13.5 20.3#

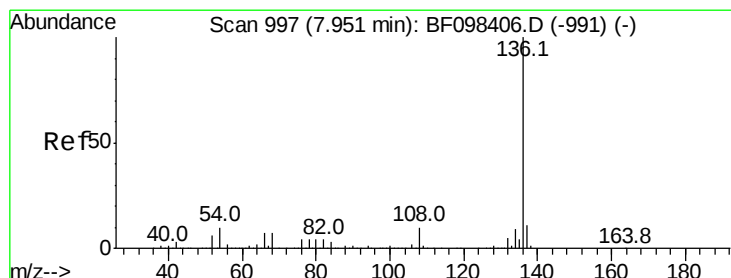
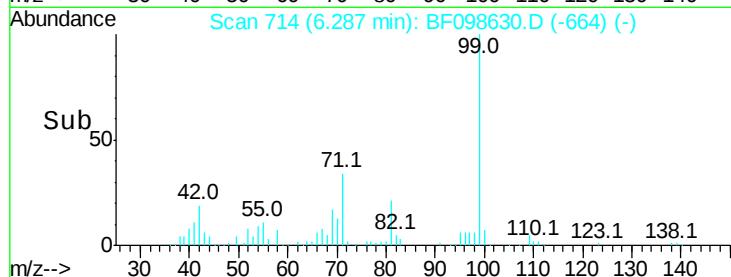
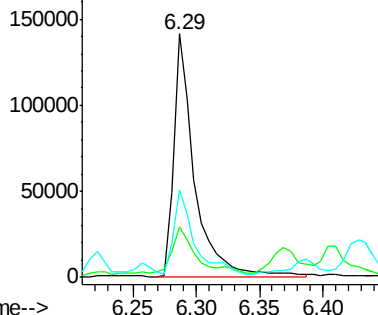
71 36.2 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF098630.D

Acq: 19 Sep 2017 5:01

Tgt Ion: 136 Resp: 374246

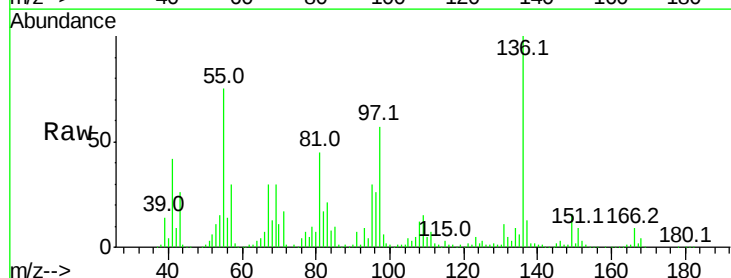
Ion Ratio Lower Upper

136 100

137 12.6 8.5 12.7

54 14.8 4.9 7.3#

68 13.1 4.1 6.1#

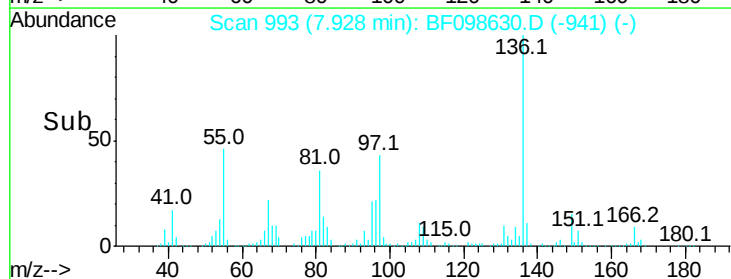
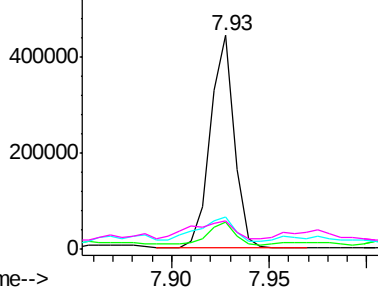


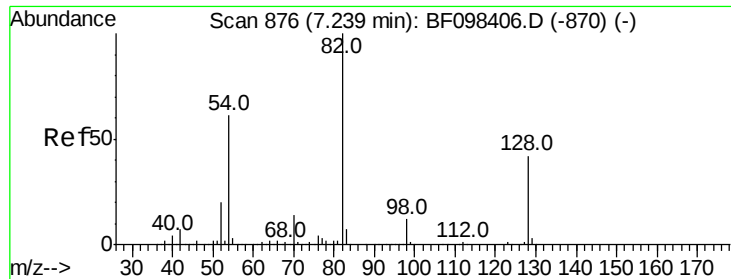
Abundance Ion 136.00 (135.70 to 136.70): E

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

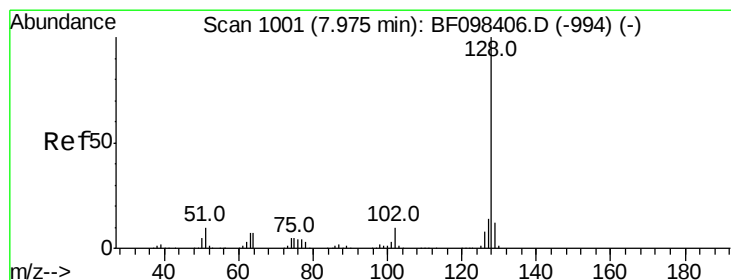
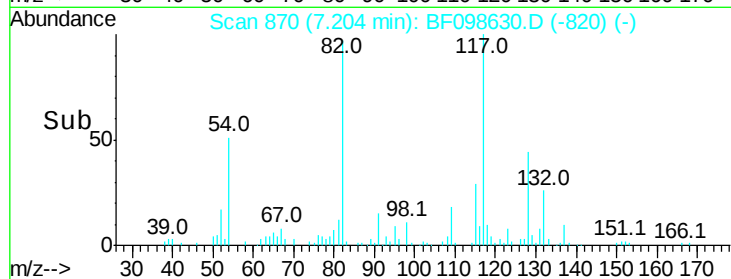
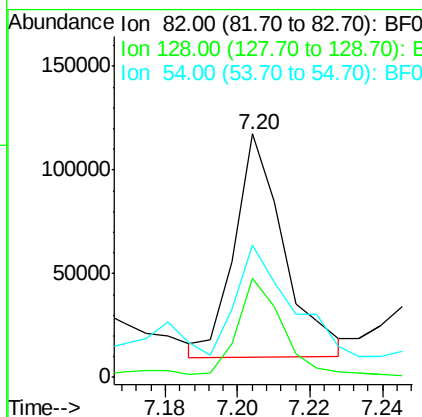
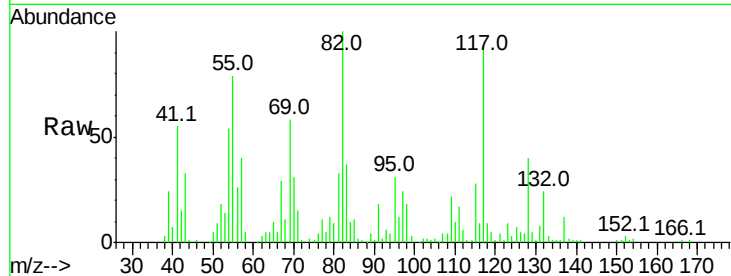




#23
Nitrobenzene-d5
Concen: 15.140 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098630.D
Acq: 19 Sep 2017 5:01

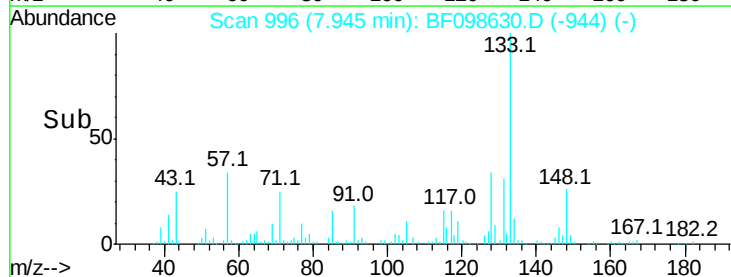
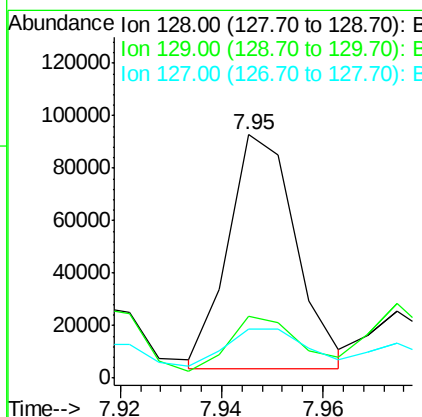
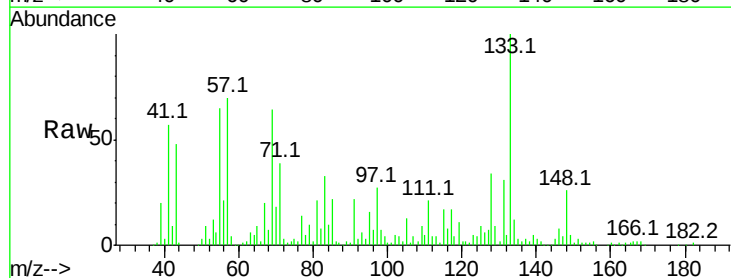
Instrument :
BNA_F
ClientSampleId :
TP-27D02

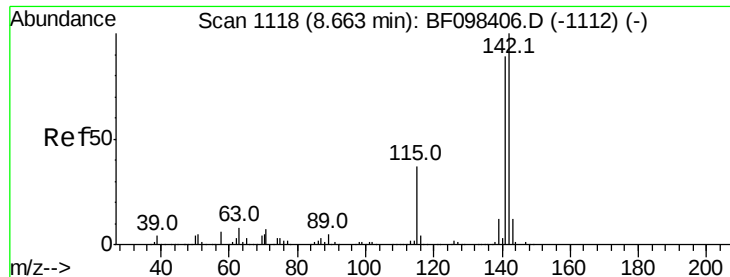
Tot Ion: 82 Resp: 101636
Ion Ratio Lower Upper
82 100
128 40.5 34.0 51.0
54 54.4 42.2 63.2



#31
Naphthalene
Concen: 4.465 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF098630.D
Acq: 19 Sep 2017 5:01

Tgt Ion: 128 Resp: 82609
Ion Ratio Lower Upper
128 100
129 25.5 9.0 13.6#
127 20.3 10.8 16.2#

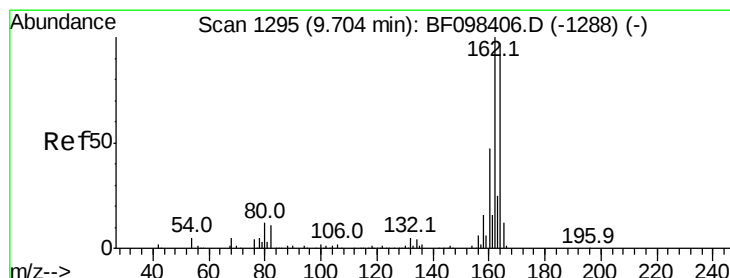
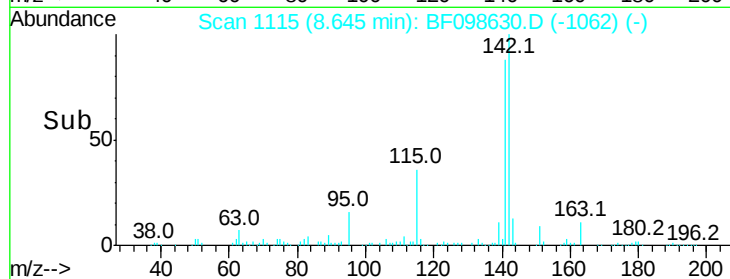
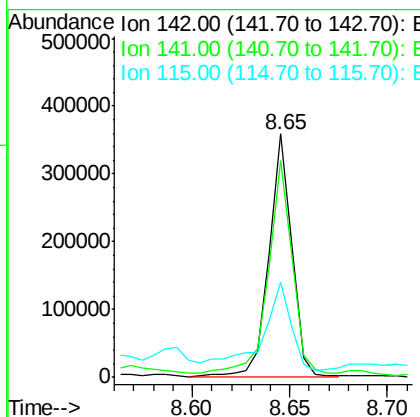
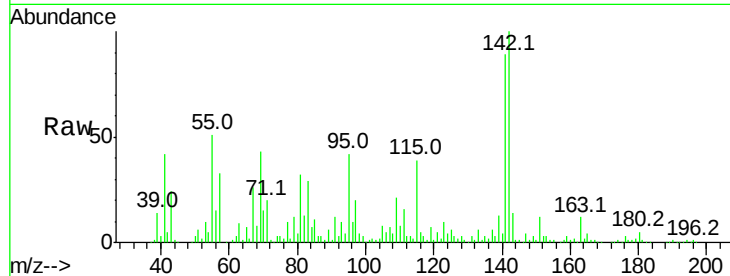




#37
 2-Methylnaphthalene
 Concen: 25.863 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF098630.D
 Acq: 19 Sep 2017 5:01

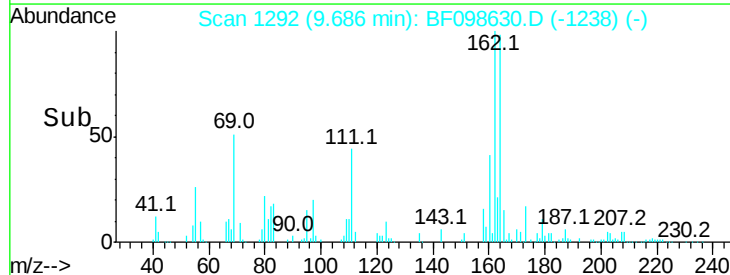
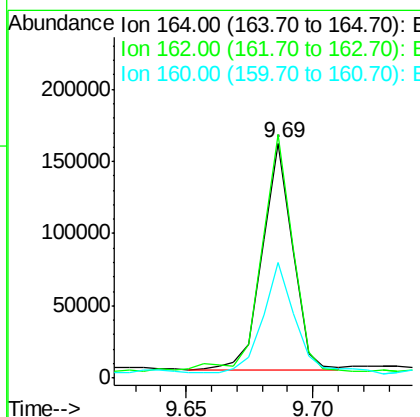
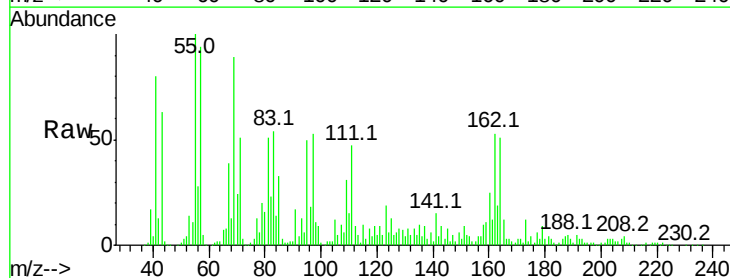
Instrument :
 BNA_F
 ClientSampleId :
 TP-27D02

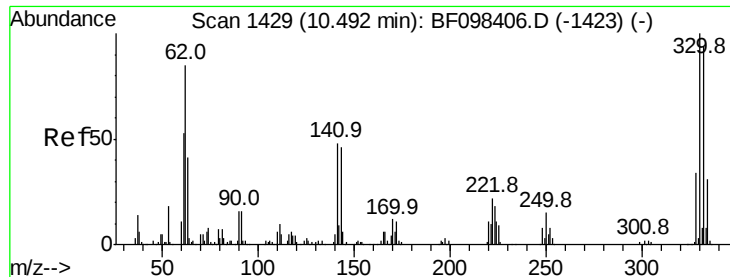
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	39.3	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.02 min
 Lab File: BF098630.D
 Acq: 19 Sep 2017 5:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	49.3	36.2	54.2

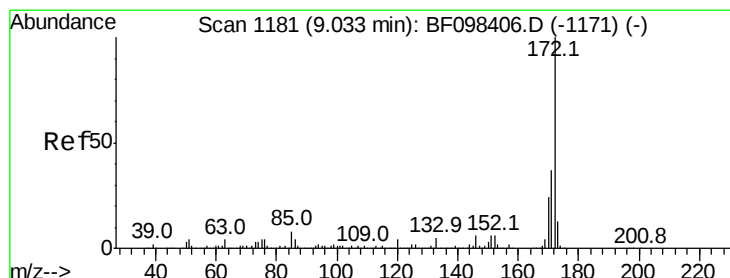
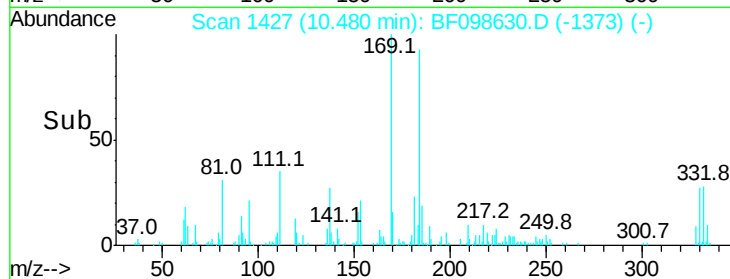
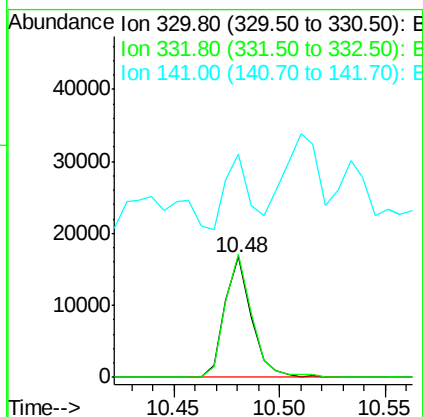
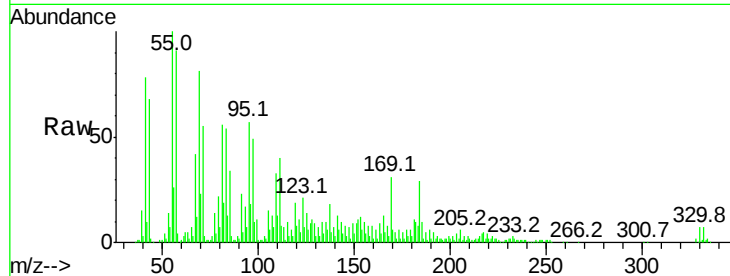




#41
 2,4,6-Tribromophenol
 Concen: 16.592 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.02 min
 Lab File: BF098630.D
 Acq: 19 Sep 2017 5:01

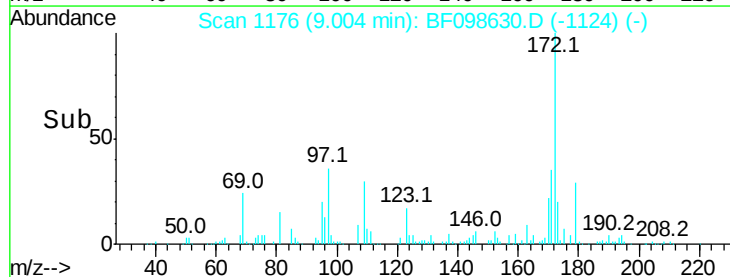
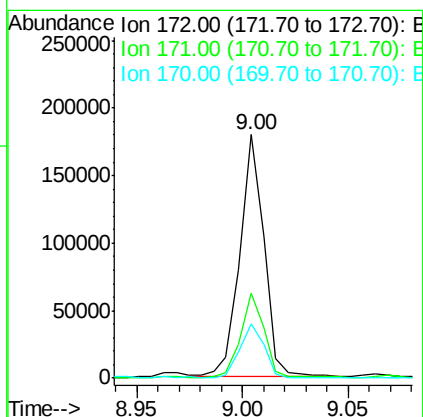
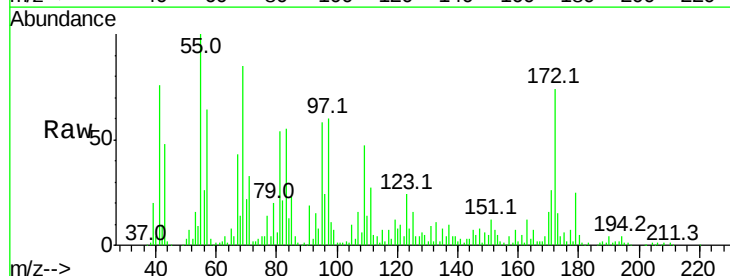
Instrument :
 BNA_F
 ClientSampled :
 TP-27D02

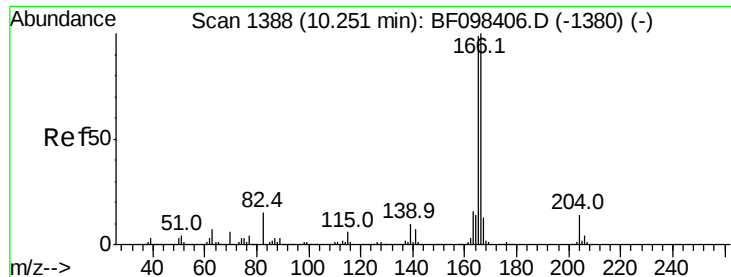
Tot Ion:330 Resp: 14685
 Ion Ratio Lower Upper
 330 100
 332 102.4 76.6 115.0
 141 54.1 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 18.068 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF098630.D
 Acq: 19 Sep 2017 5:01

Tgt Ion:172 Resp: 141366
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 22.2 19.8 29.8





#57

Fluorene

Concen: 7.117 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.02 min

Lab File: BF098630.D

Acq: 19 Sep 2017 5:01

Instrument :

BNA_F

ClientSampleId :

TP-27D02

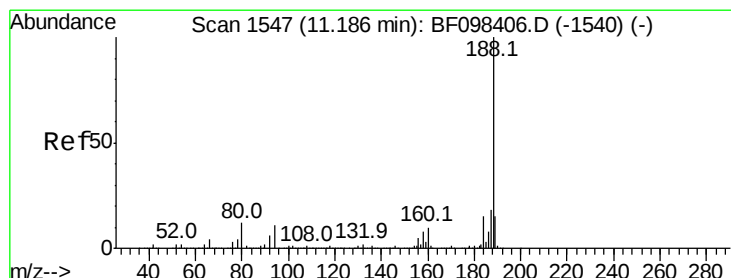
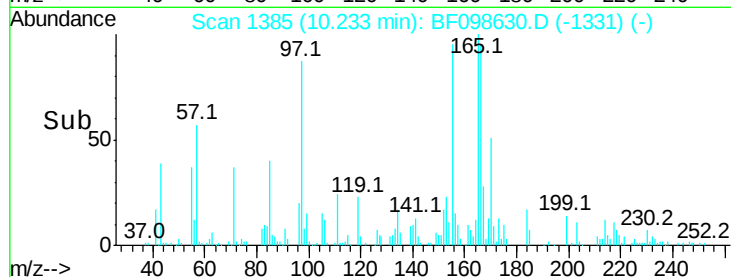
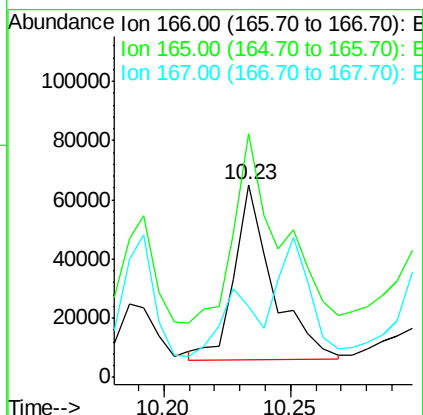
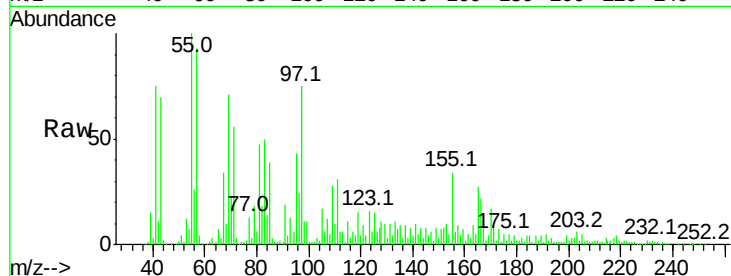
Tot Ion:166 Resp: 62178

Ion Ratio Lower Upper

166 100

165 126.5 78.8 118.2#

167 37.0 10.6 16.0#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.02 min

Lab File: BF098630.D

Acq: 19 Sep 2017 5:01

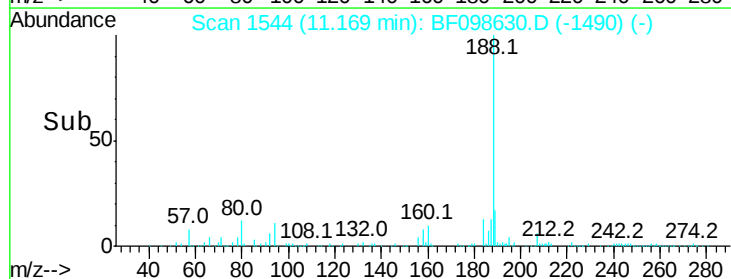
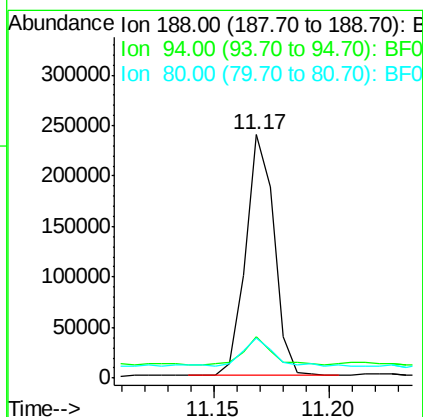
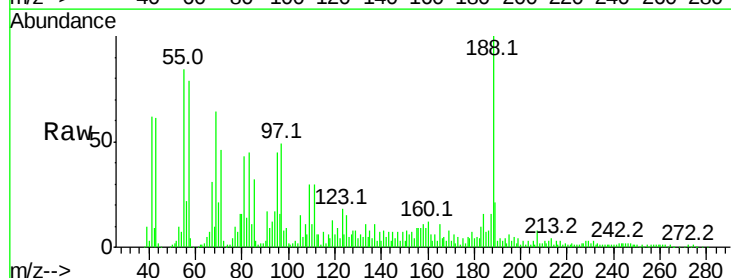
Tgt Ion:188 Resp: 204542

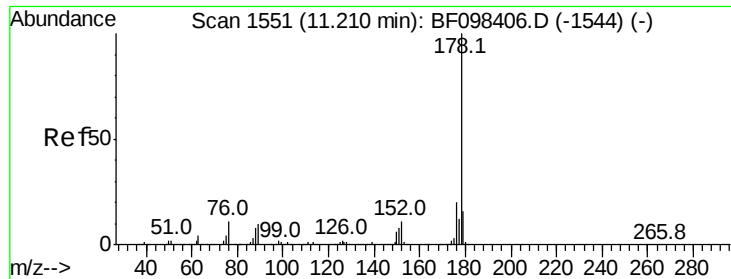
Ion Ratio Lower Upper

188 100

94 16.9 9.4 14.2#

80 16.4 10.2 15.2#





#70

Phenanthrene

Concen: 11.601 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.02 min

Lab File: BF098630.D

Acq: 19 Sep 2017 5:01

Instrument :

BNA_F

ClientSampleId :

TP-27D02

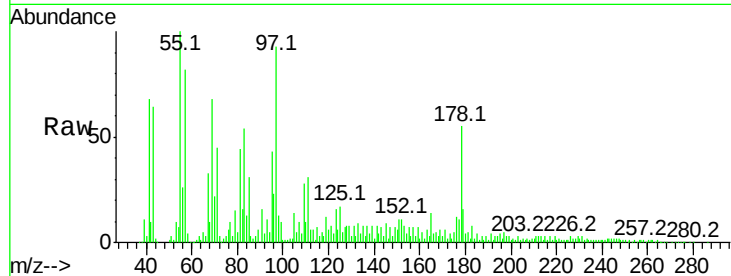
Tot Ion:178 Resp: 125799

Ion Ratio Lower Upper

178 100

176 21.6 16.2 24.4

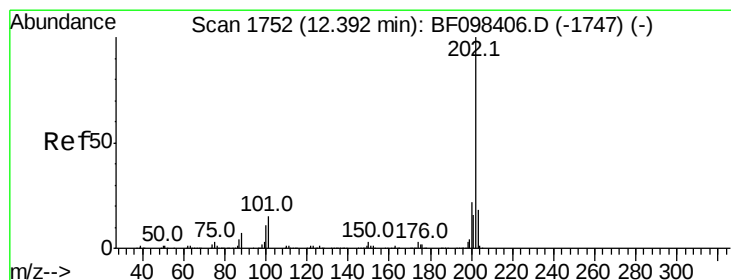
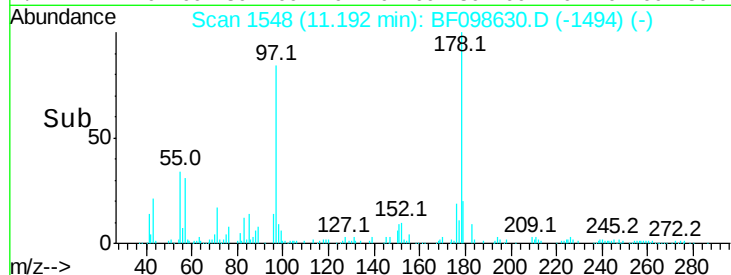
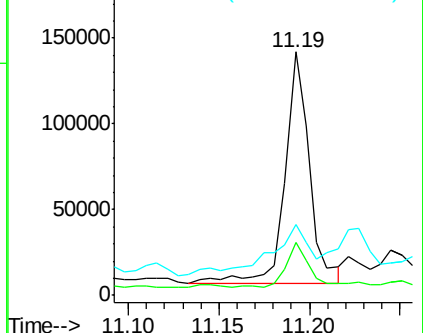
179 28.9 12.6 19.0#



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



#74

Fluoranthene

Concen: 2.405 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BF098630.D

Acq: 19 Sep 2017 5:01

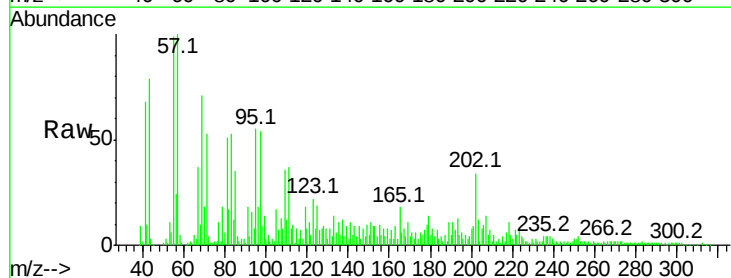
Tgt Ion:202 Resp: 26106

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.2

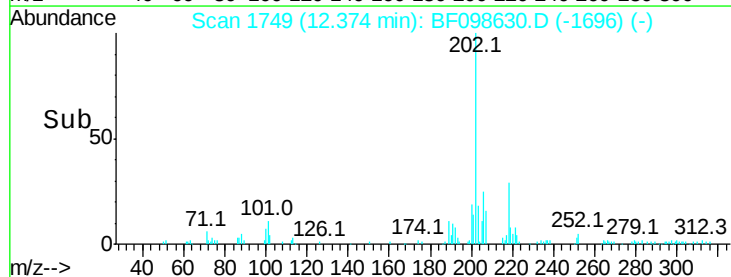
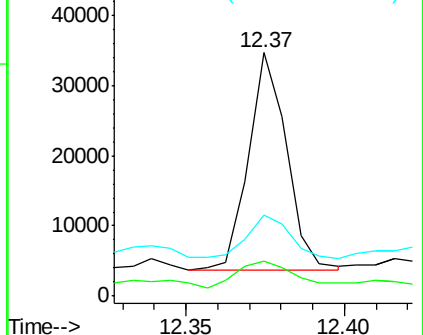
203 33.5 0.0 38.1

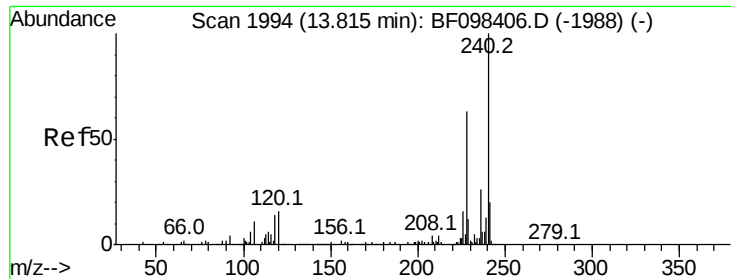


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF098630.D

Acq: 19 Sep 2017 5:01

Instrument :

BNA_F

ClientSampleId :

TP-27D02

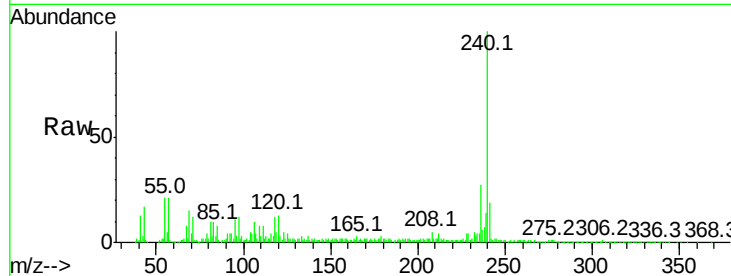
Tot Ion:240 Resp: 209322

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

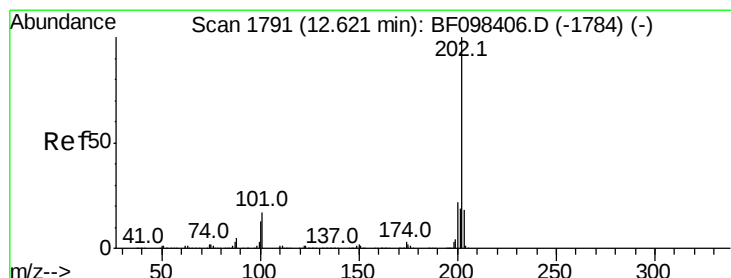
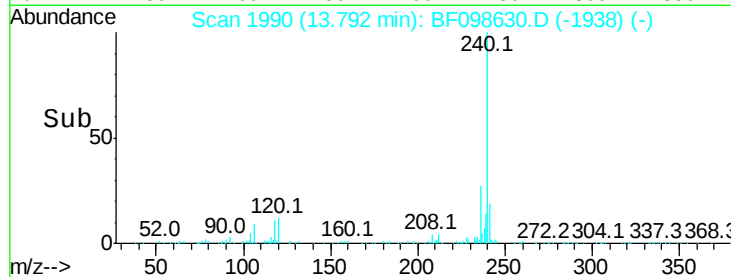
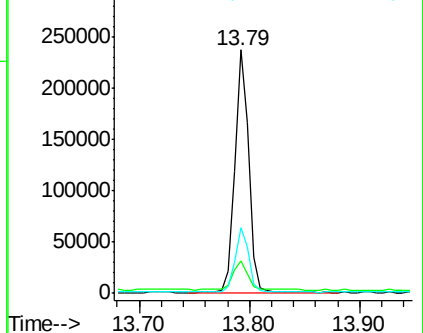
236 27.1 20.5 30.7



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: 4.006 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.02 min

Lab File: BF098630.D

Acq: 19 Sep 2017 5:01

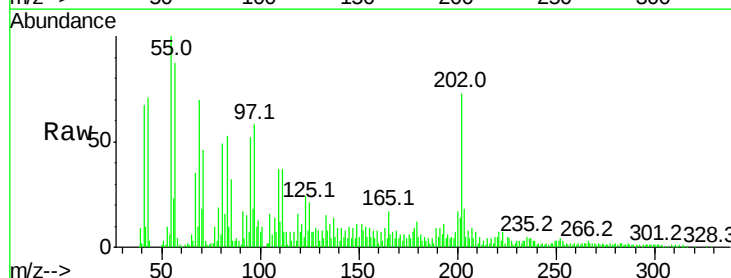
Tgt Ion:202 Resp: 66149

Ion Ratio Lower Upper

202 100

200 22.8 17.6 26.4

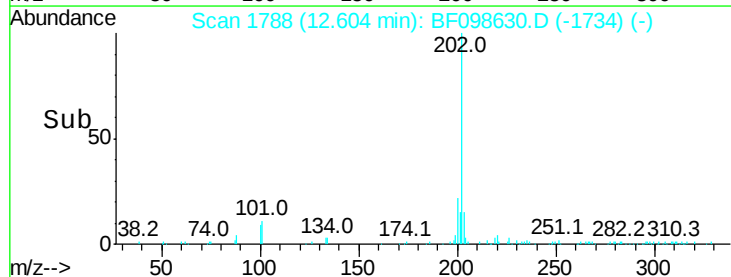
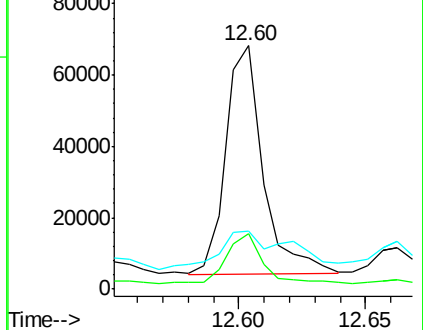
203 23.9 14.4 21.6#

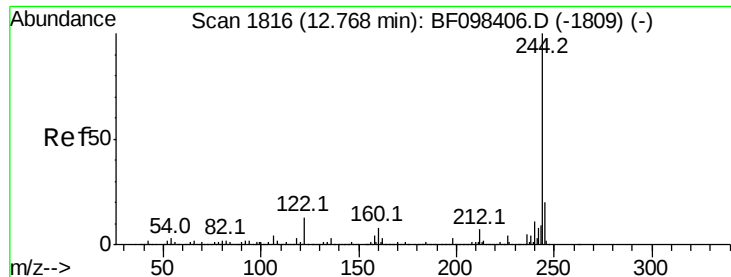


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

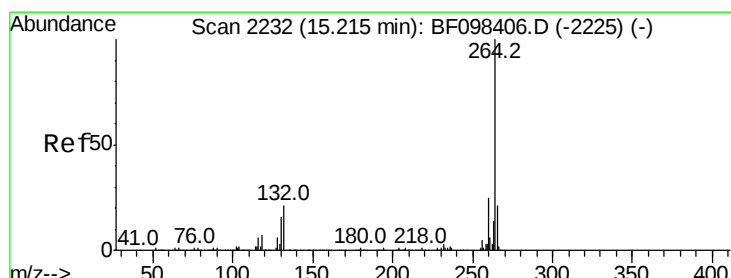
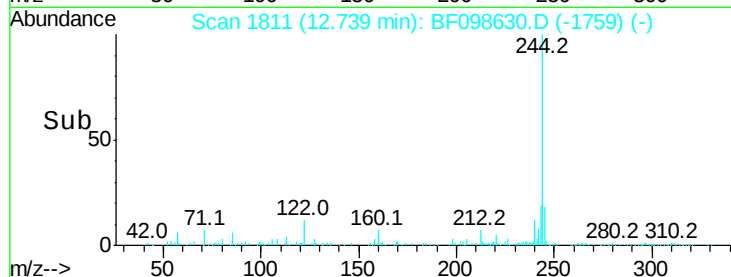
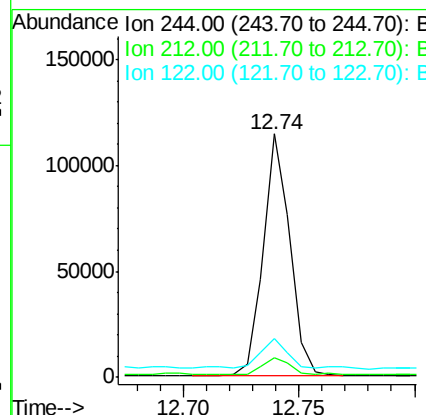
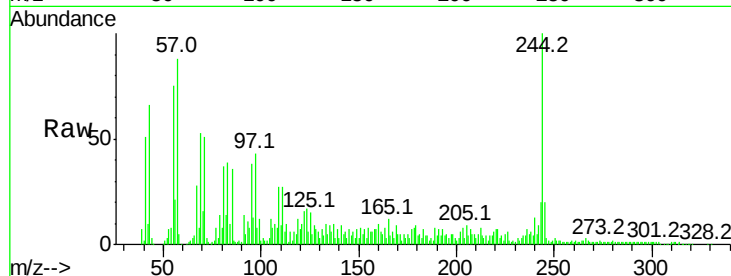




#78
 Terphenyl-d14
 Concen: 9.507 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: BF098630.D
 Acq: 19 Sep 2017 5:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-27D02

Tot Ion:244 Resp: 92194
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 15.8 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.19 min Scan# 2228
 Delta R.T. 0.02 min
 Lab File: BF098630.D
 Acq: 19 Sep 2017 5:01

Tgt Ion:264 Resp: 225148
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.2 17.2 25.8

