

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
 Data File : BF076822.D
 Acq On : 13 Jan 2015 00:43
 Operator : IZ / TP
 Sample : G1062-02
 Misc : S
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-012

Quant Time: Jan 13 03:00:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

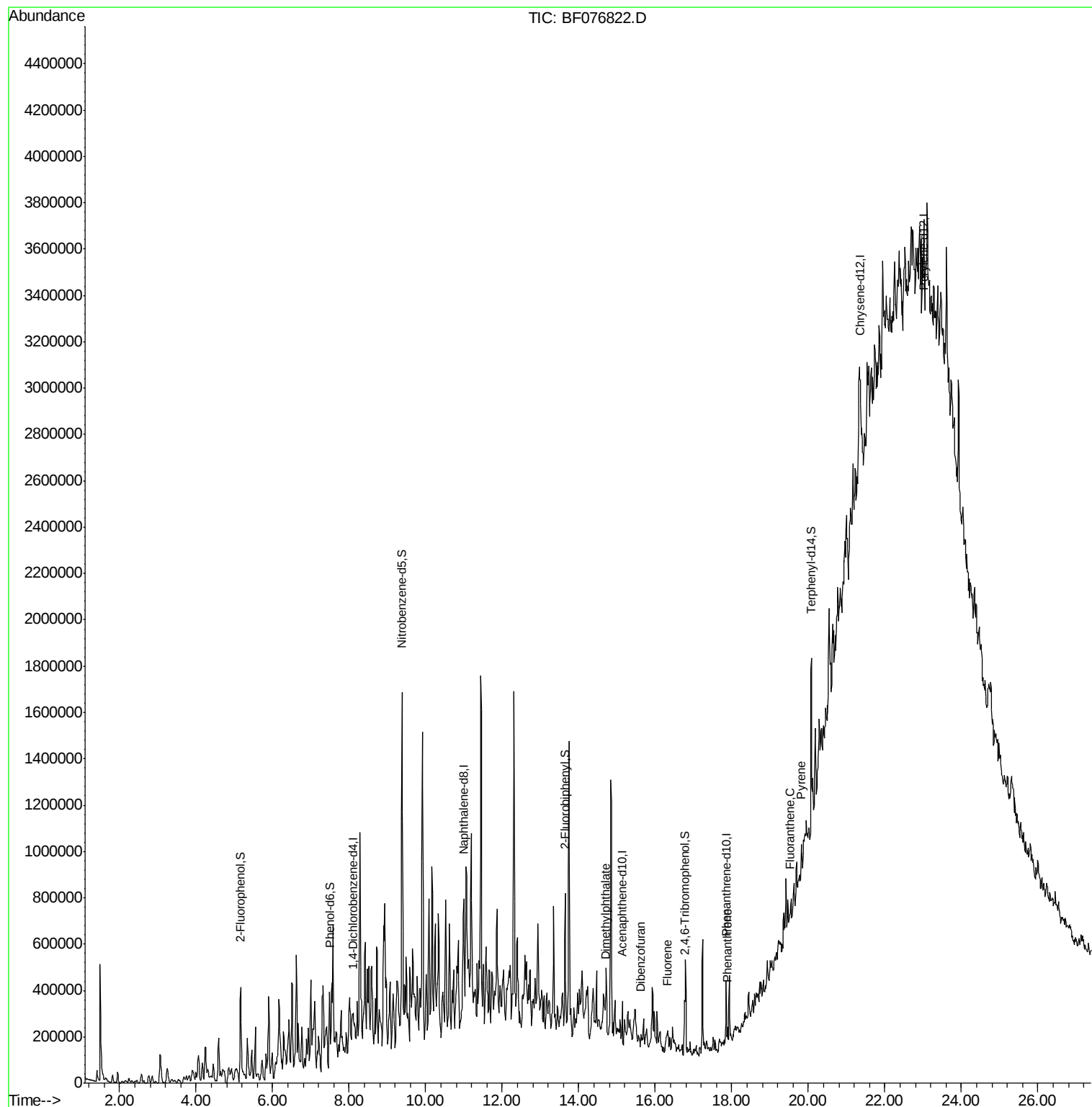
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	34859	20.00	ng	0.01
21) Naphthalene-d8	11.00	136	137151	20.00	ng	0.00
38) Acenaphthene-d10	15.13	164	72129	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	118001	20.00	ng	0.00
75) Chrysene-d12	21.35	240	120260	20.00	ng	0.00
86) Perylene-d12	23.02	264	112795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	150673	72.13	ng	-0.01
7) Phenol-d6	7.49	99	211912	80.58	ng	-0.01
23) Nitrobenzene-d5	9.38	82	147455	59.75	ng	0.00
41) 2,4,6-Tribromophenol	16.77	330	28089	46.66	ng	-0.01
44) 2-Fluorobiphenyl	13.65	172	276652	56.45	ng	0.00
78) Terphenyl-d14	20.08	244	272704	49.79	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.70	163	24253	4.63	ng	# 97
54) Dibenzofuran	15.63	168	15423	2.47	ng	# 98
57) Fluorene	16.32	166	18587	3.57	ng	# 95
70) Phenanthrene	17.89	178	32242	4.38	ng	# 90
74) Fluoranthene	19.52	202	17959	2.38	ng	# 72
77) Pyrene	19.81	202	31215	3.61	ng	# 82

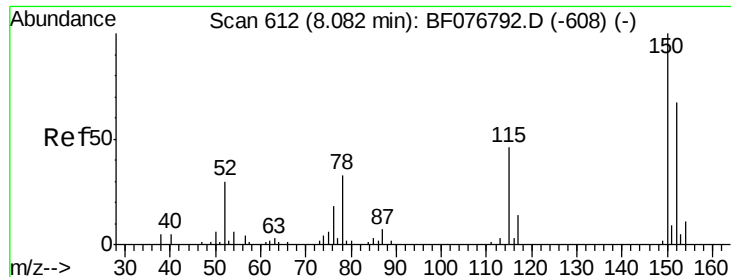
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076822.D
Acq On : 13 Jan 2015 00:43
Operator : IZ / TP
Sample : G1062-02
Misc : S
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-012

Quant Time: Jan 13 03:00:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

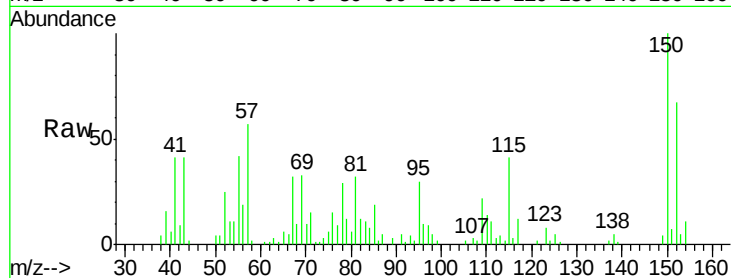
Tot Ion:152 Resp: 34859

Ion Ratio Lower Upper

152 100

150 149.6 119.5 179.3

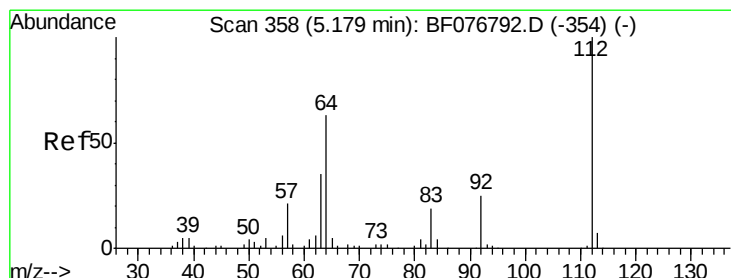
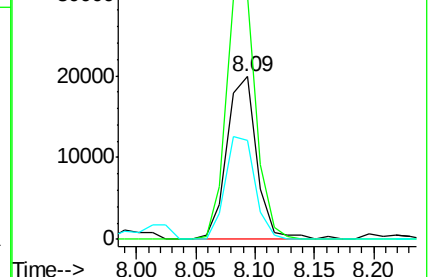
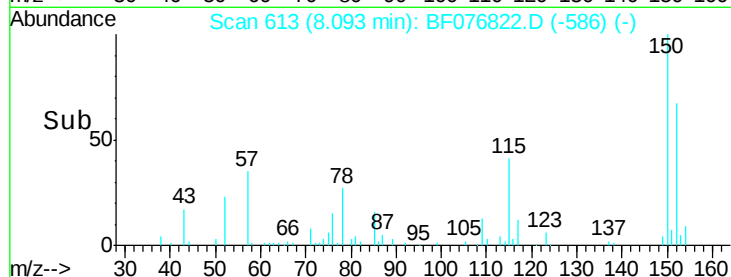
115 61.0 54.6 81.8



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: 72.13 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

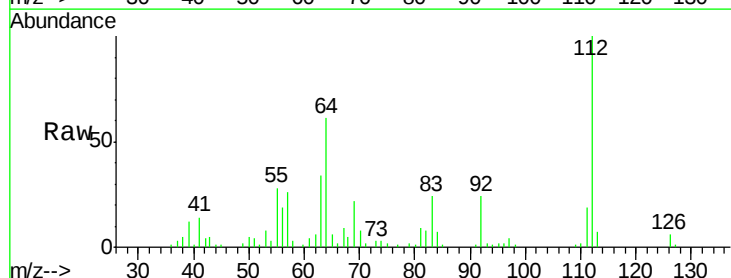
Tgt Ion:112 Resp: 150673

Ion Ratio Lower Upper

112 100

64 60.5 50.2 75.4

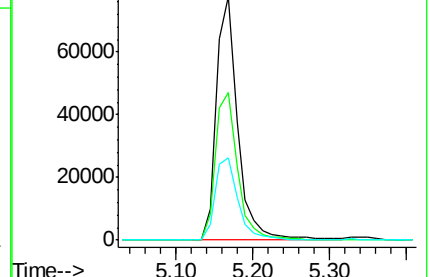
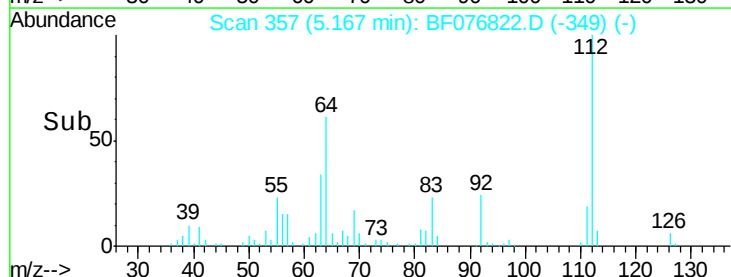
63 34.1 27.8 41.6

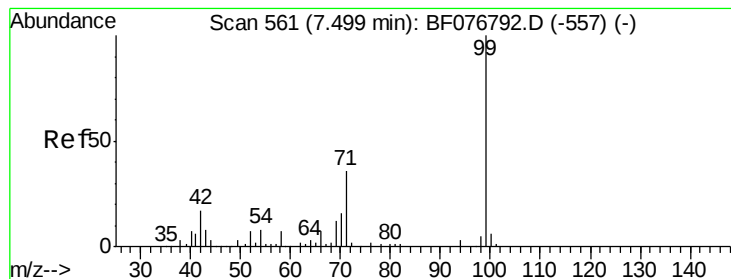


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.58 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

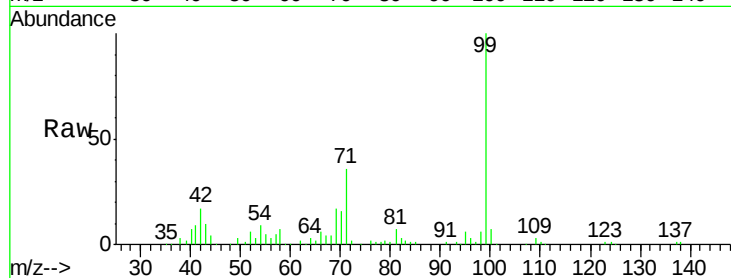
Tot Ion: 99 Resp: 211912

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

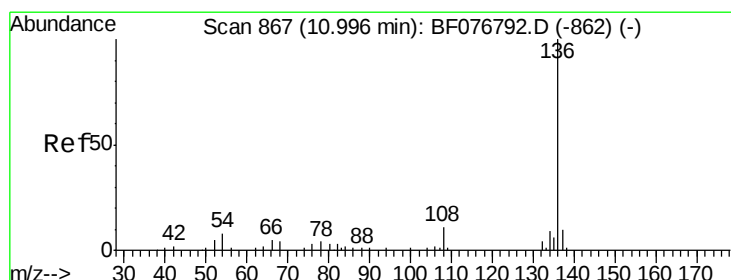
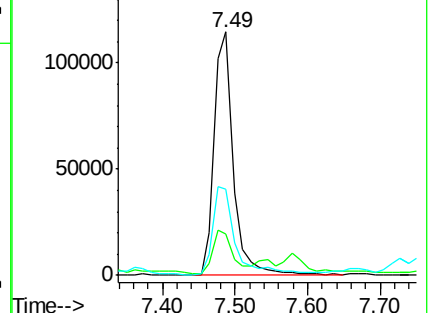
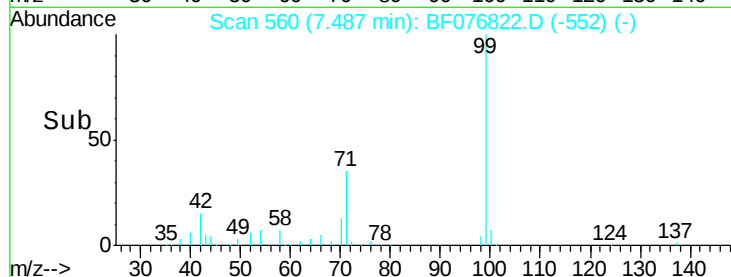
71 35.6 29.2 43.8



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: 20.00 ng

RT: 11.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Tgt Ion: 136 Resp: 137151

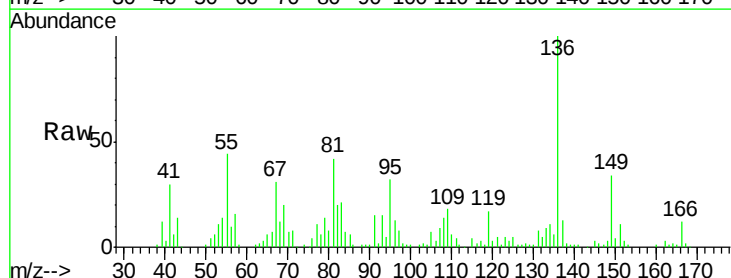
Ion Ratio Lower Upper

136 100

137 12.6 8.1 12.1#

54 13.7 6.3 9.5#

68 12.3 3.4 5.0#

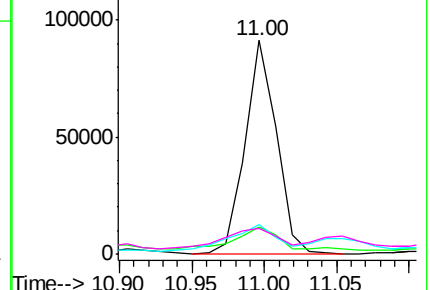
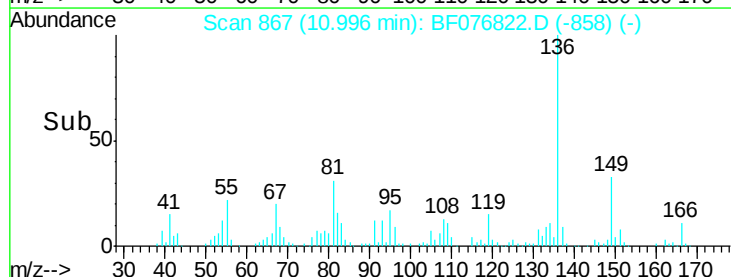


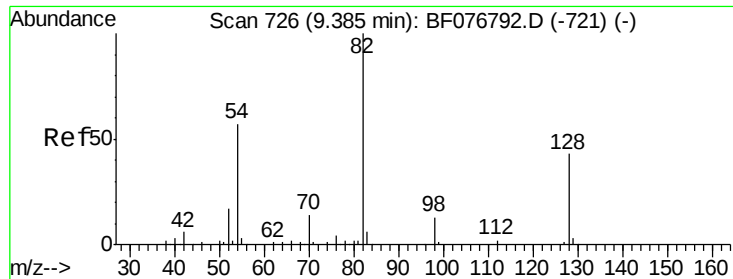
Abundance Ion 136.00 (135.70 to 136.70): E

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

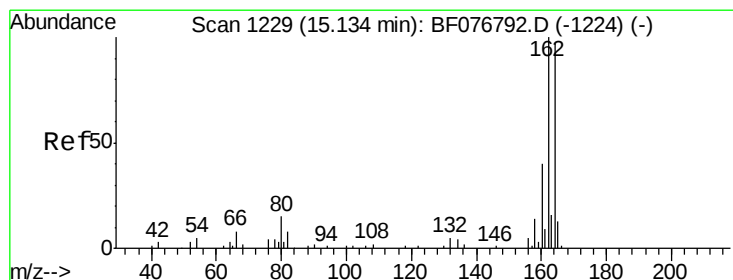
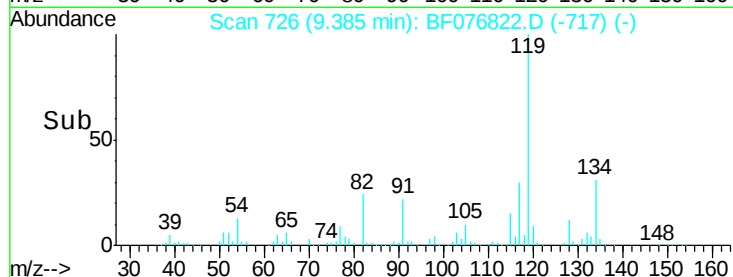
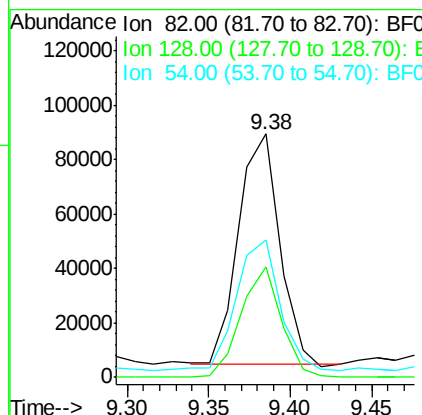
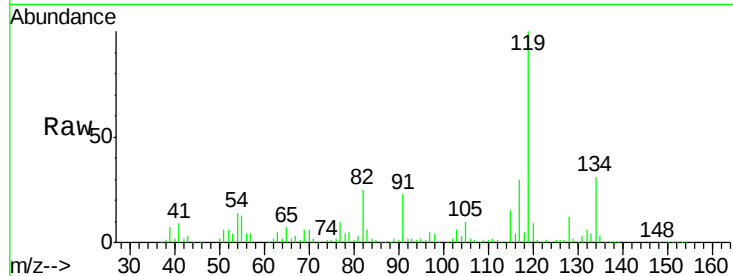




#23
 Nitrobenzene-d5
 Concen: 59.75 ng
 RT: 9.38 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF076822.D
 Acq: 13 Jan 2015 00:43

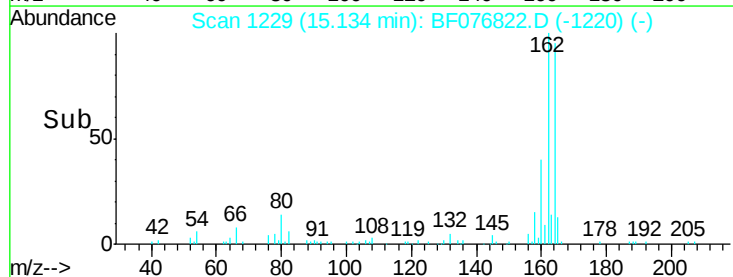
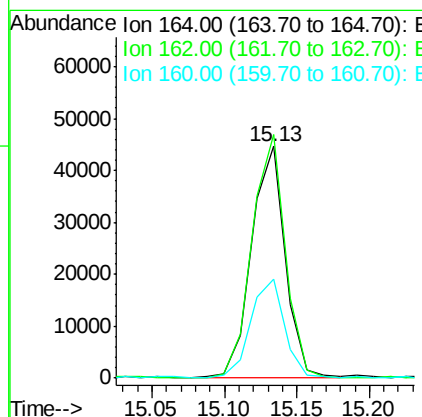
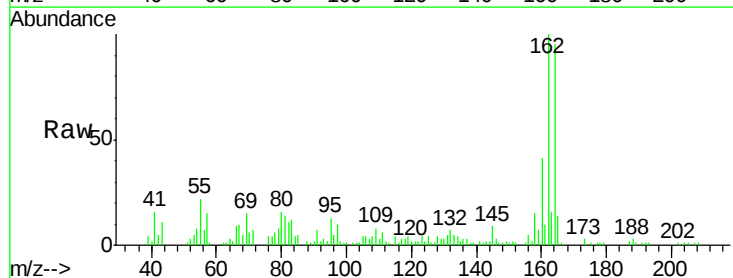
Instrument :
 BNA_F
 ClientSampleId :
 SW-012

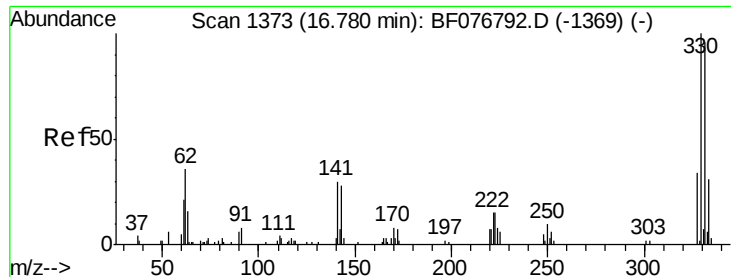
Tot Ion	82	Resp	147455
Ion Ratio	Lower	Upper	
82	100		
128	45.3	34.0	51.0
54	56.3	45.6	68.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF076822.D
 Acq: 13 Jan 2015 00:43

Tgt Ion	164	Resp	72129
Ion Ratio	Lower	Upper	
164	100		
162	105.1	82.5	123.7
160	42.6	33.1	49.7

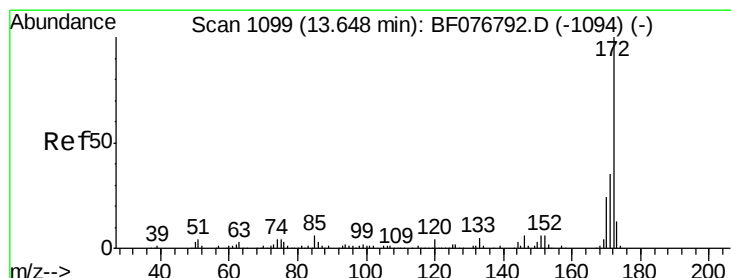
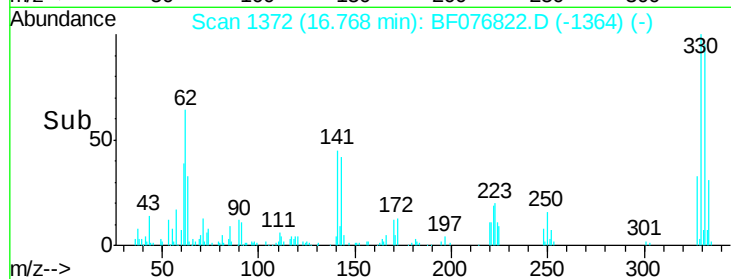
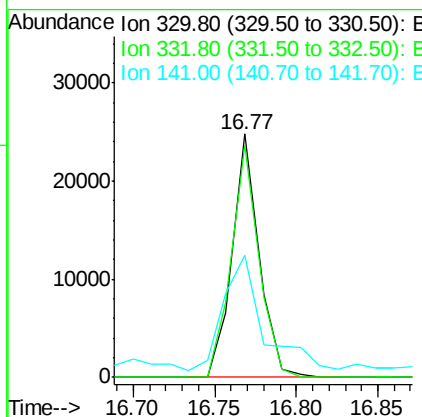
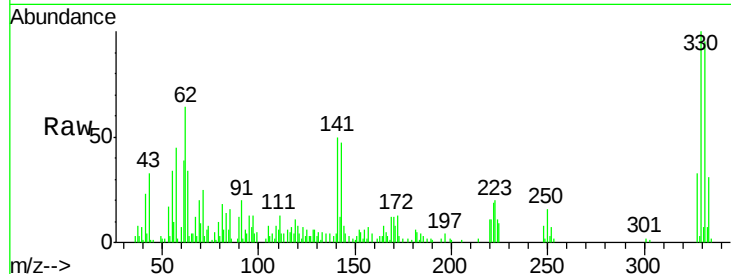




#41
 2,4,6-Tribromophenol
 Concen: 46.66 ng
 RT: 16.77 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF076822.D
 Acq: 13 Jan 2015 00:43

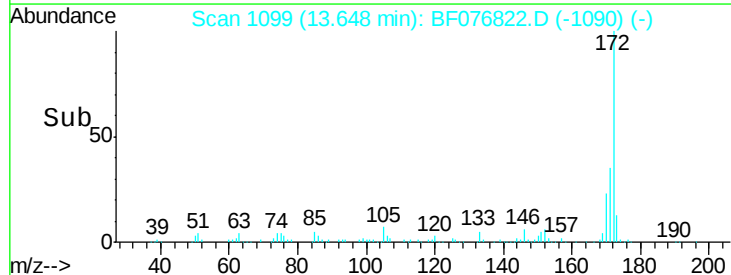
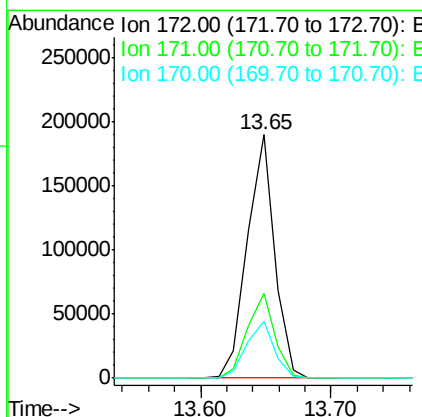
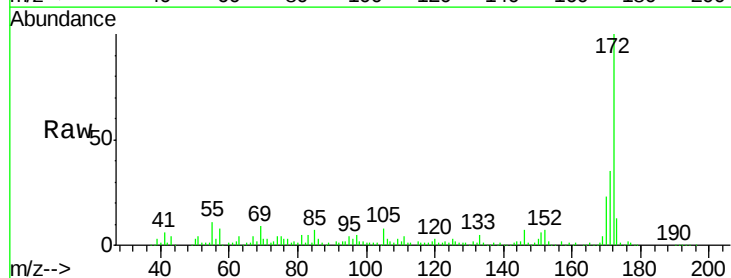
Instrument :
 BNA_F
 ClientSampleId :
 SW-012

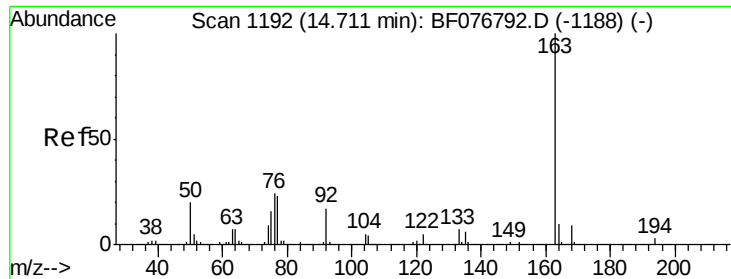
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	74.8	112.2
141	69.1	42.4	63.6#



#44
 2-Fluorobiphenyl
 Concen: 56.45 ng
 RT: 13.65 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF076822.D
 Acq: 13 Jan 2015 00:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	23.1	18.8	28.2

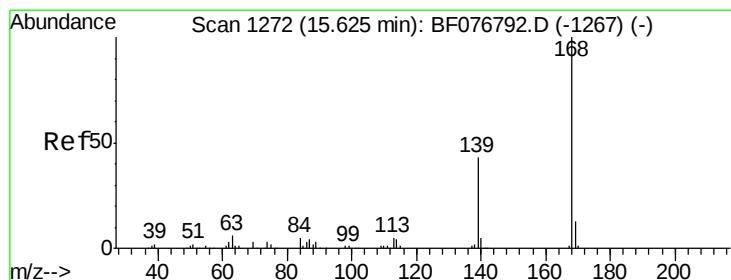
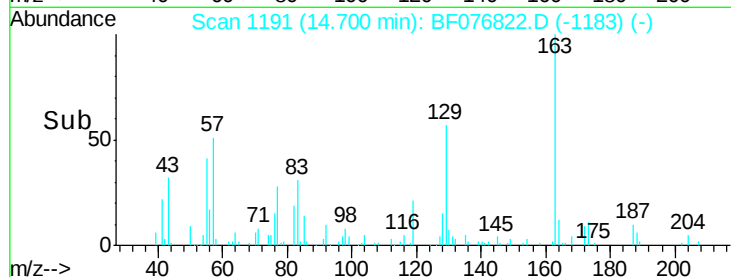
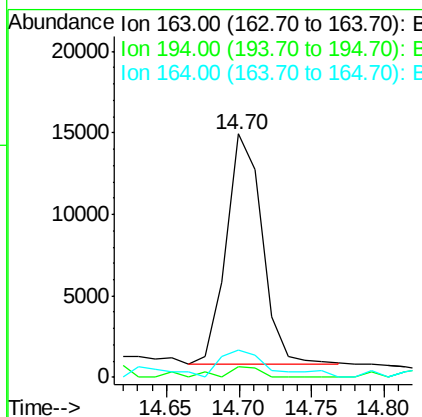
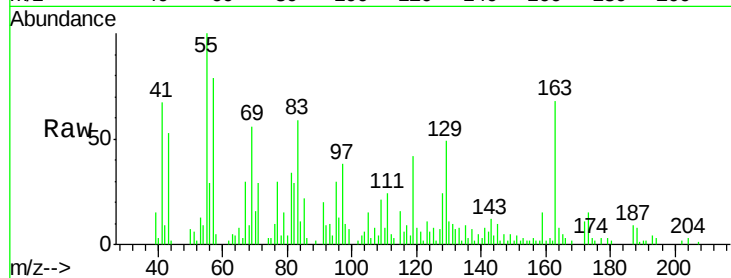




#49
Dimethylphthalate
Concen: 4.63 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF076822.D
Acq: 13 Jan 2015 00:43

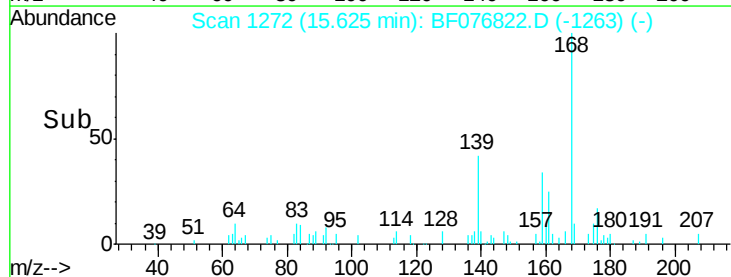
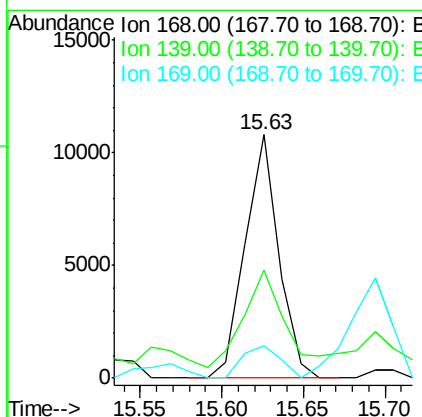
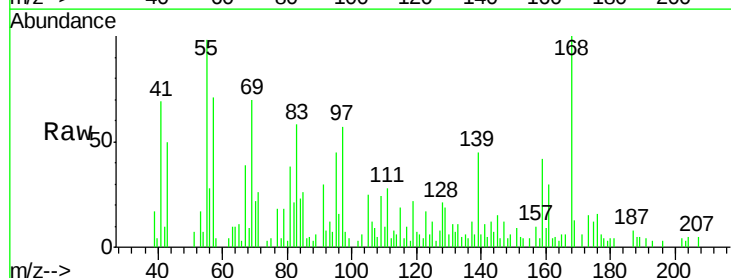
Instrument :
BNA_F
ClientSampleId :
SW-012

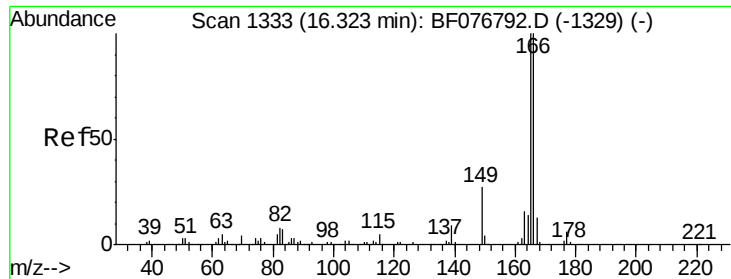
Tot Ion:163 Resp: 24253
Ion Ratio Lower Upper
163 100
194 4.3 2.3 3.5#
164 11.2 8.3 12.5



#54
Dibenzofuran
Concen: 2.47 ng
RT: 15.63 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF076822.D
Acq: 13 Jan 2015 00:43

Tgt Ion:168 Resp: 15423
Ion Ratio Lower Upper
168 100
139 44.6 34.2 51.4
169 13.5 10.5 15.7





#57

Fluorene

Concen: 3.57 ng

RT: 16.32 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

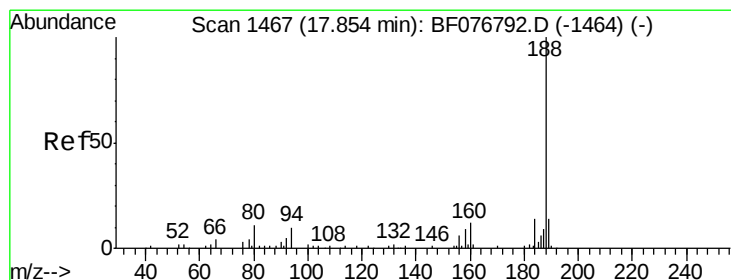
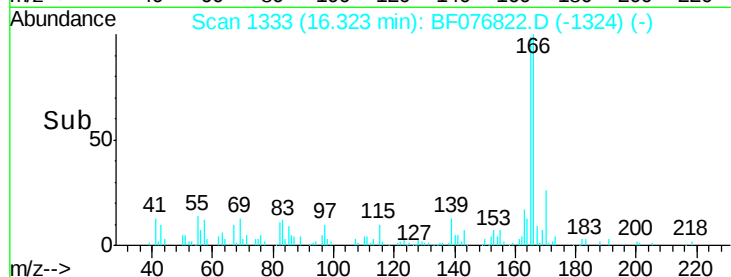
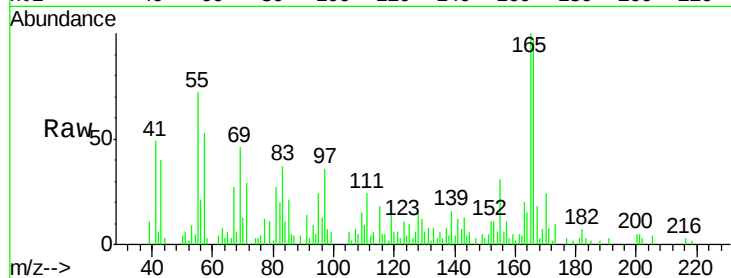
Tot Ion:166 Resp: 18587

Ion Ratio Lower Upper

166 100

165 102.9 79.6 119.4

167 18.9 10.2 15.2#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.85 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

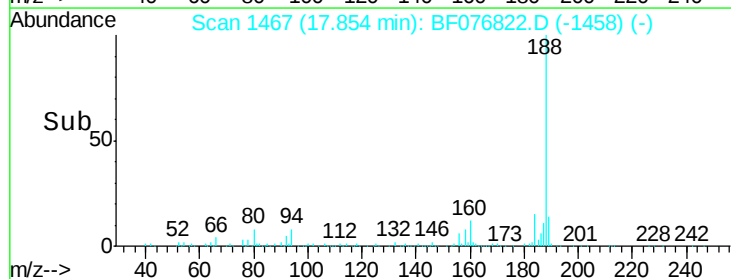
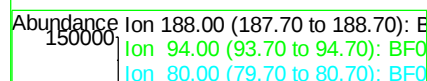
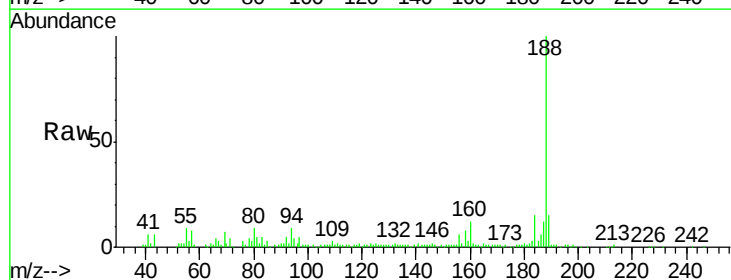
Tgt Ion:188 Resp: 118001

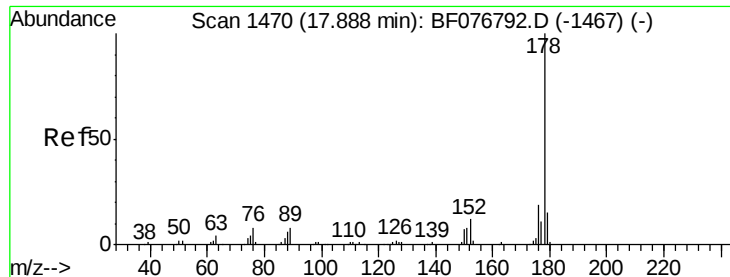
Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

80 8.9 8.6 13.0





#70

Phenanthrene

Concen: 4.38 ng

RT: 17.89 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

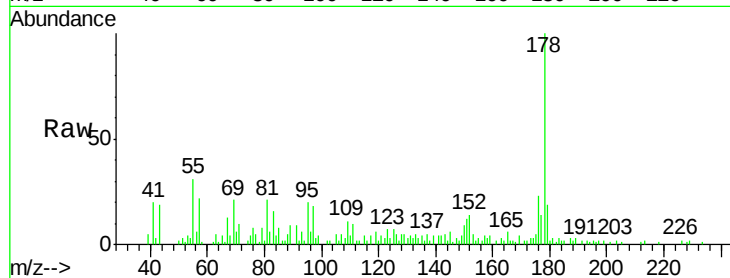
Tot Ion:178 Resp: 32242

Ion Ratio Lower Upper

178 100

176 23.3 15.2 22.8#

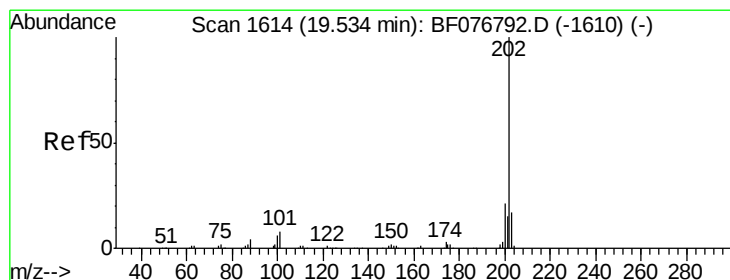
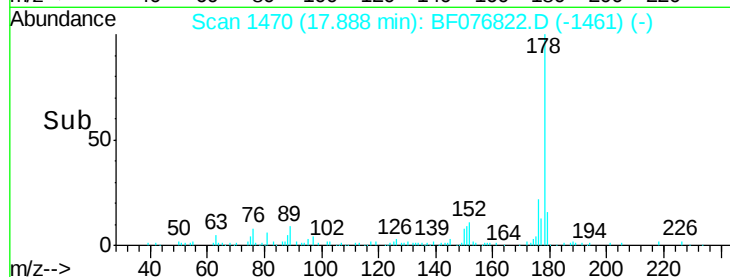
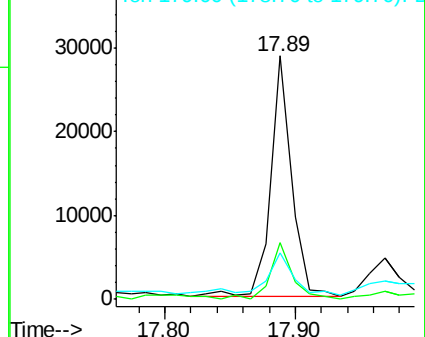
179 19.0 11.8 17.8#



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: 2.38 ng

RT: 19.52 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

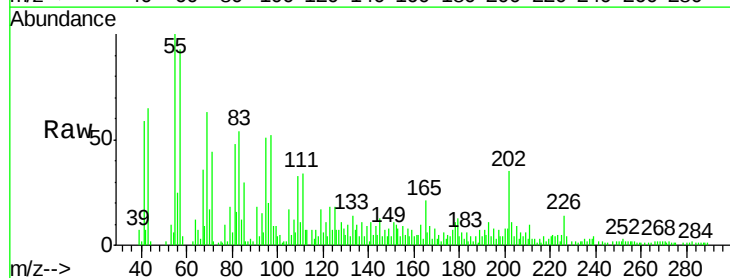
Tgt Ion:202 Resp: 17959

Ion Ratio Lower Upper

202 100

101 15.3 0.0 28.0

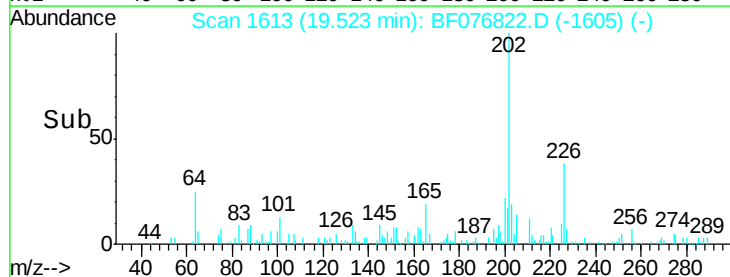
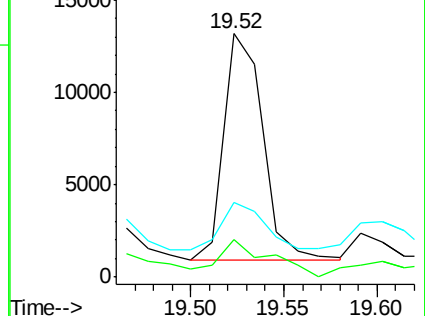
203 30.7 0.0 37.2

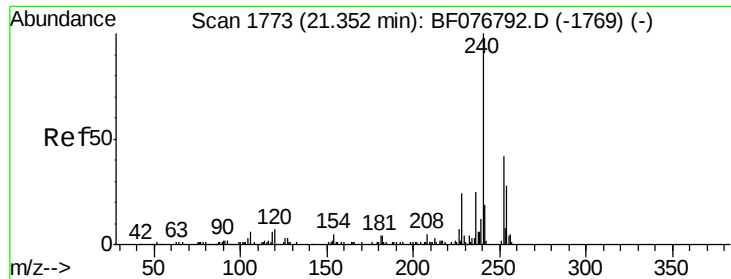


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SW-012

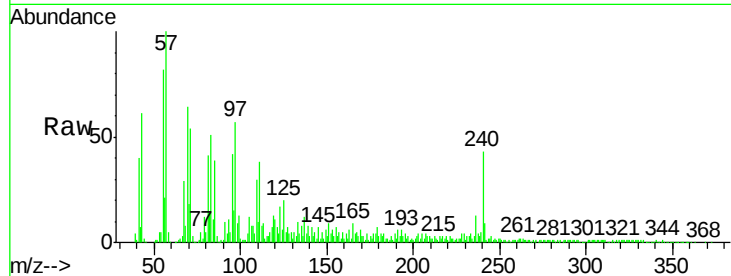
Tot Ion:240 Resp: 120260

Ion Ratio Lower Upper

240 100

120 24.6 5.7 8.5#

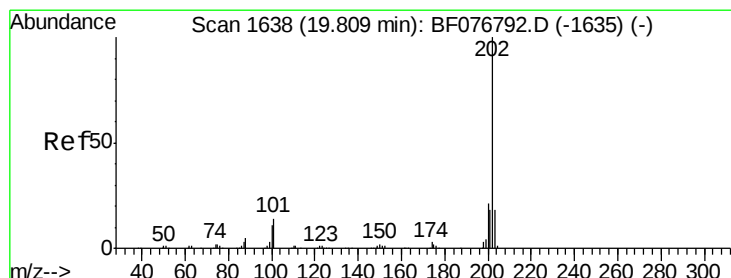
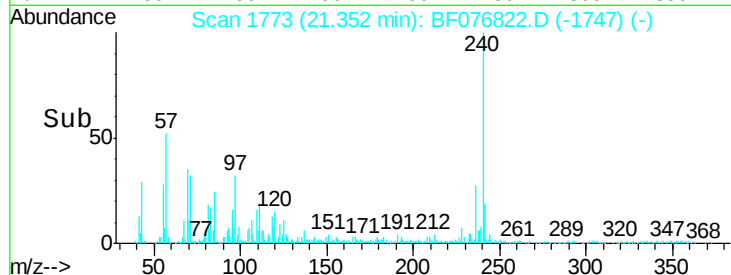
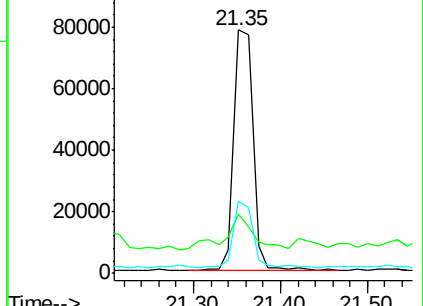
236 29.4 19.7 29.5



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: 3.61 ng

RT: 19.81 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF076822.D

Acq: 13 Jan 2015 00:43

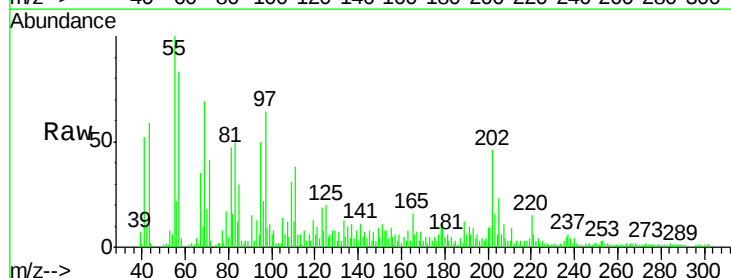
Tgt Ion:202 Resp: 31215

Ion Ratio Lower Upper

202 100

200 19.5 16.6 25.0

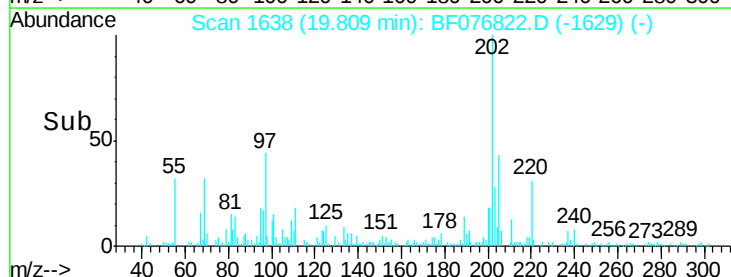
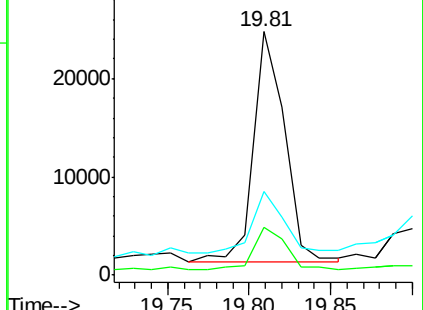
203 34.3 14.6 22.0#

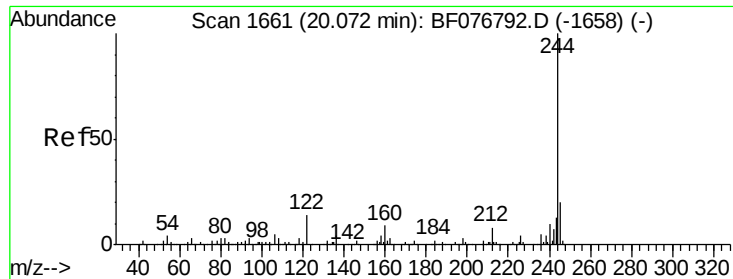


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

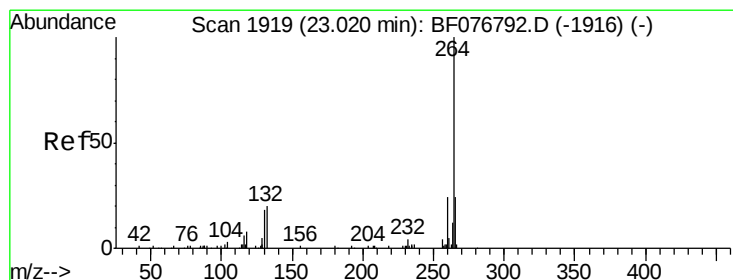
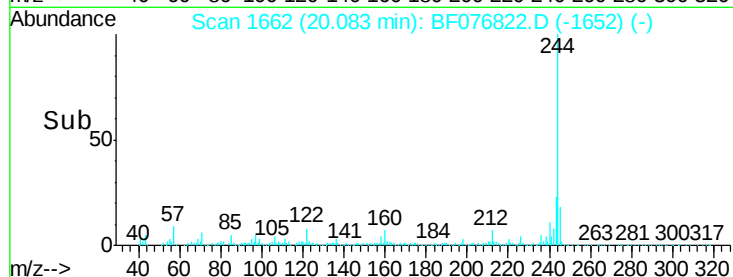
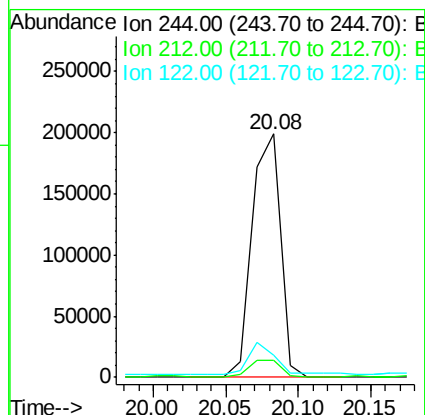
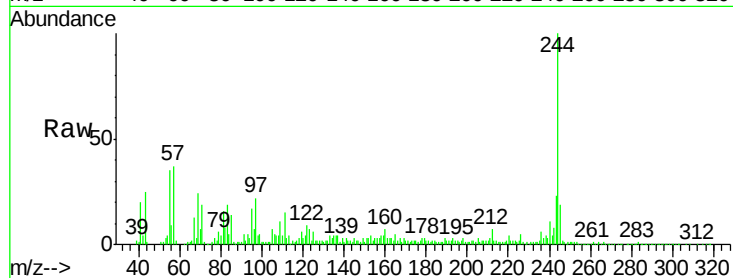




#78
 Terphenyl-d14
 Concen: 49.79 ng
 RT: 20.08 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: BF076822.D
 Acq: 13 Jan 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 SW-012

Tot Ion:244 Resp: 272704
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.0 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.02 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF076822.D
 Acq: 13 Jan 2015 00:43

Tgt Ion:264 Resp: 112795
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.0
 265 24.4 18.9 28.3

