

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
 Data File : BF076823.D
 Acq On : 13 Jan 2015 1:17
 Operator : IZ / TP
 Sample : F5246-01
 Misc : S
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Jan 13 03:12:57 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

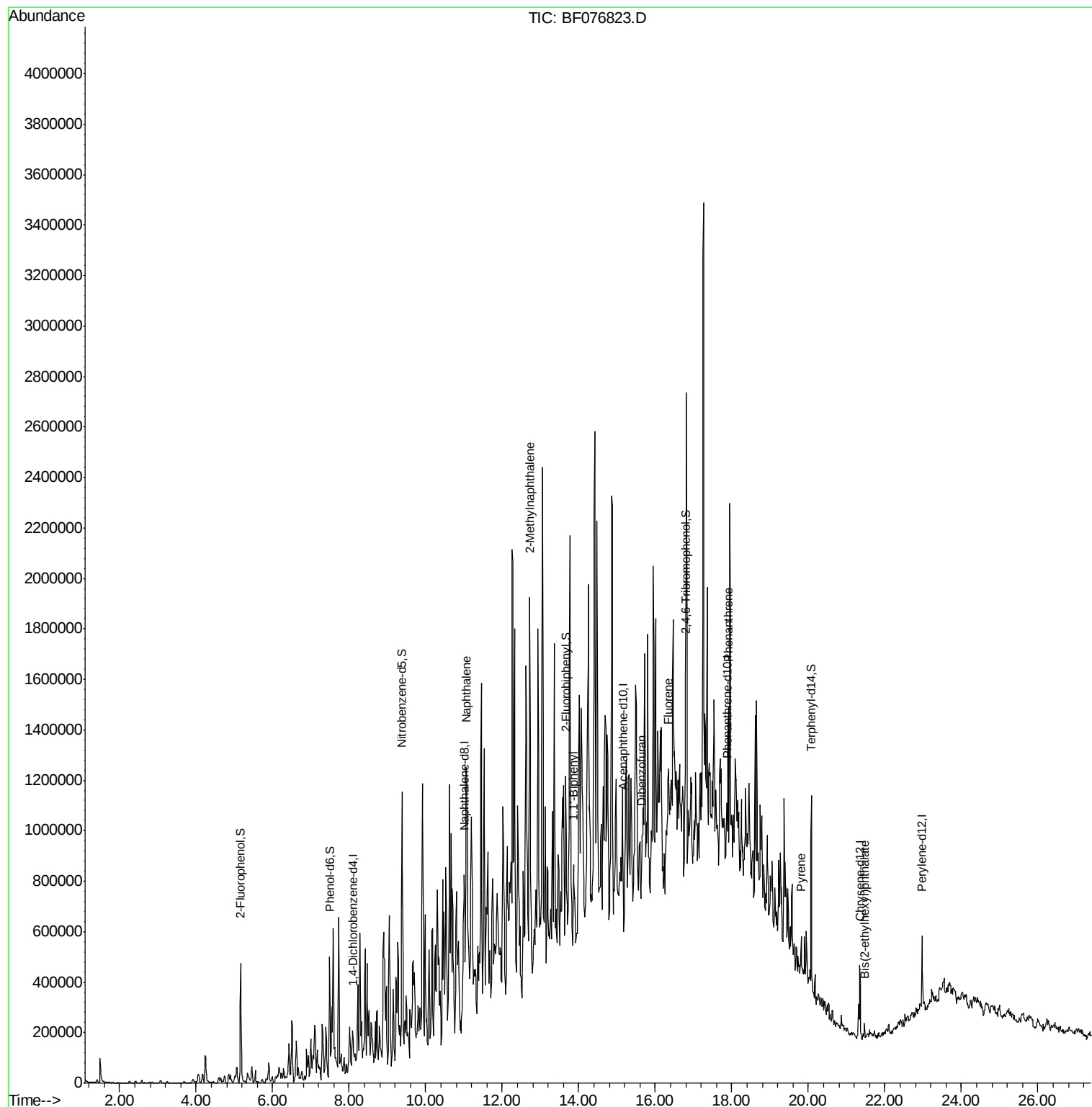
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38905	20.00	ng	0.01
21) Naphthalene-d8	11.01	136	160014	20.00	ng	0.01
38) Acenaphthene-d10	15.16	164	83788	20.00	ng	0.02
63) Phenanthrene-d10	17.88	188	131008	20.00	ng	0.02
75) Chrysene-d12	21.34	240	124926	20.00	ng	-0.01
86) Perylene-d12	22.97	264	117042	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	224114	96.13	ng	-0.01
7) Phenol-d6	7.49	99	286760	97.70	ng	-0.01
23) Nitrobenzene-d5	9.38	82	176190	61.19	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	59527	85.12	ng	0.01
44) 2-Fluorobiphenyl	13.66	172	332566	58.42	ng	0.01
78) Terphenyl-d14	20.08	244	311316	54.71	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	11.05	128	341223	41.57	ng	# 91
37) 2-Methylnaphthalene	12.72	142	583814	101.35	ng	97
45) 1,1'-Biphenyl	13.87	154	174026	27.01	ng	98
54) Dibenzofuran	15.65	168	60770	8.38	ng	92
57) Fluorene	16.35	166	139992	23.12	ng	# 88
70) Phenanthrene	17.91	178	308712	37.81	ng	97
77) Pyrene	19.82	202	50744	5.65	ng	# 84
83) Bis(2-ethylhexyl)phthalate	21.47	149	16908	2.92	ng	# 91

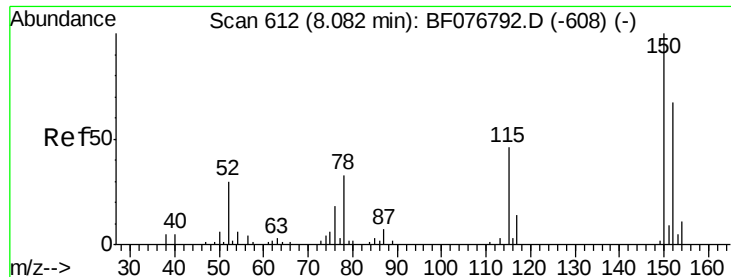
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
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Misc : S
ALS Vial : 16 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF076823.D

Acq: 13 Jan 2015 1:17

Instrument :

BNA_F

ClientSampled :

S-1

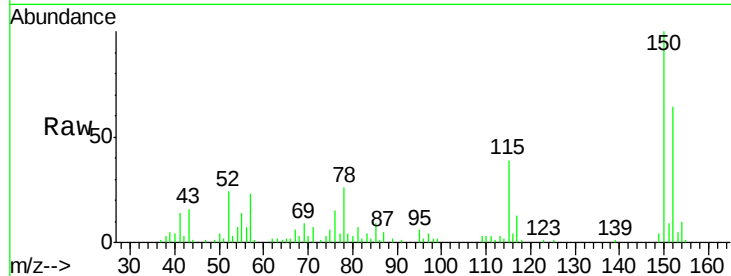
Tot Ion:152 Resp: 38905

Ion Ratio Lower Upper

152 100

150 156.1 119.5 179.3

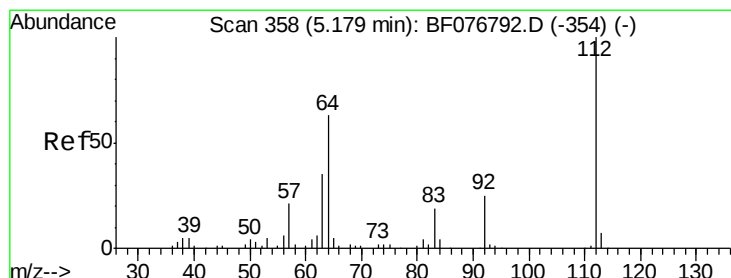
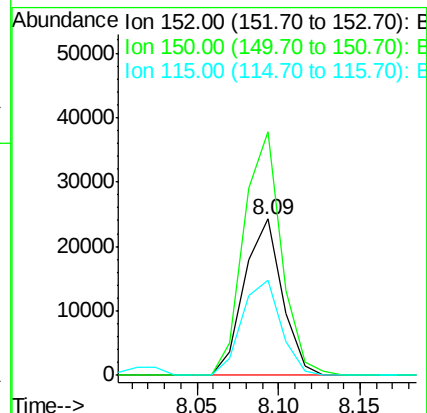
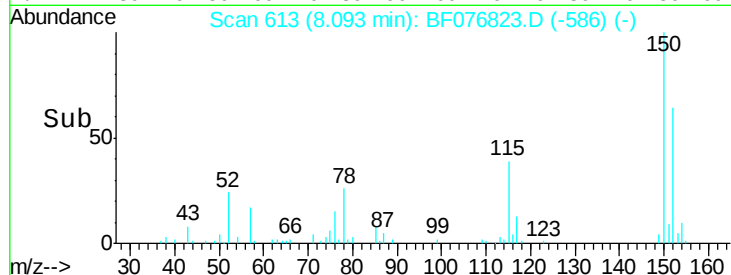
115 61.4 54.6 81.8



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: 96.13 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076823.D

Acq: 13 Jan 2015 1:17

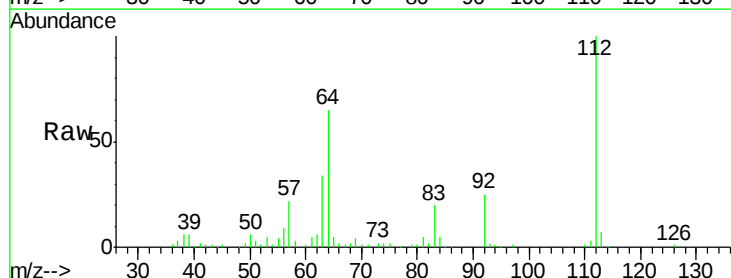
Tgt Ion:112 Resp: 224114

Ion Ratio Lower Upper

112 100

64 65.1 50.2 75.4

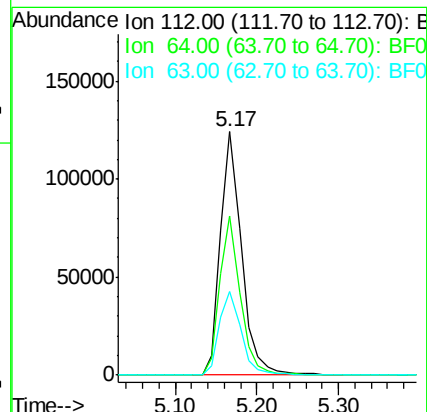
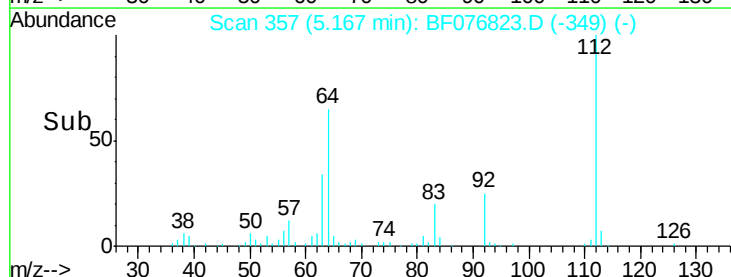
63 34.4 27.8 41.6

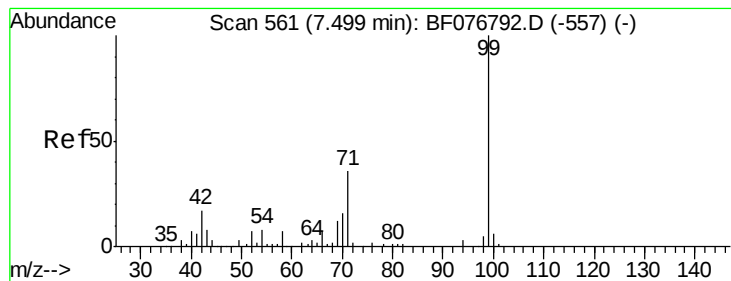


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.70 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076823.D

Acq: 13 Jan 2015 1:17

Instrument :

BNA_F

ClientSampleId :

S-1

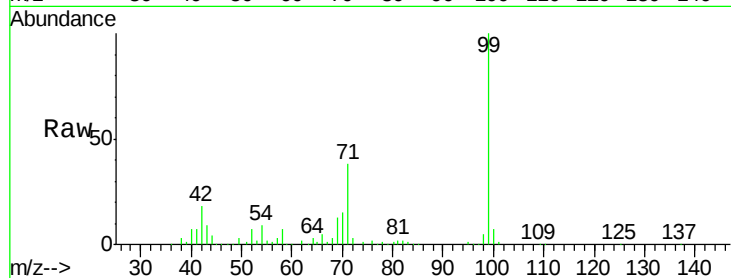
Tot Ion: 99 Resp: 286760

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

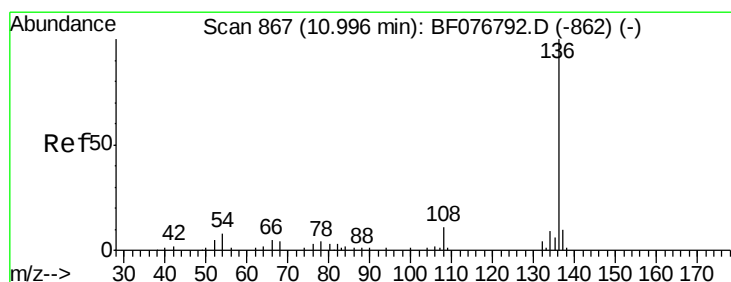
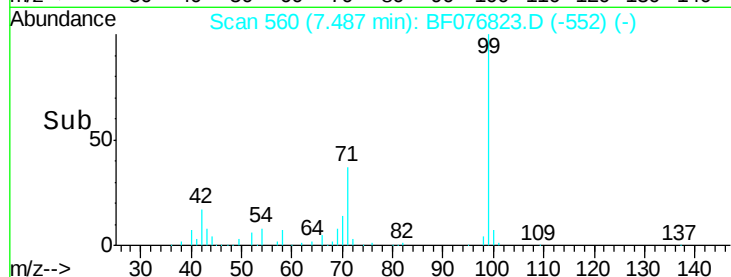
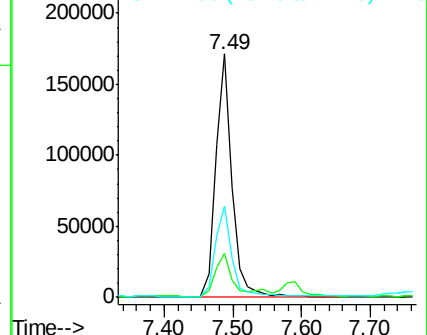
71 37.7 29.2 43.8



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: 11.01 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF076823.D

Acq: 13 Jan 2015 1:17

Tgt Ion: 136 Resp: 160014

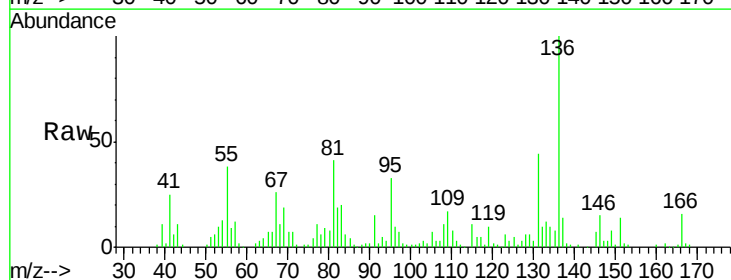
Ion Ratio Lower Upper

136 100

137 14.0 8.1 12.1#

54 12.8 6.3 9.5#

68 11.4 3.4 5.0#

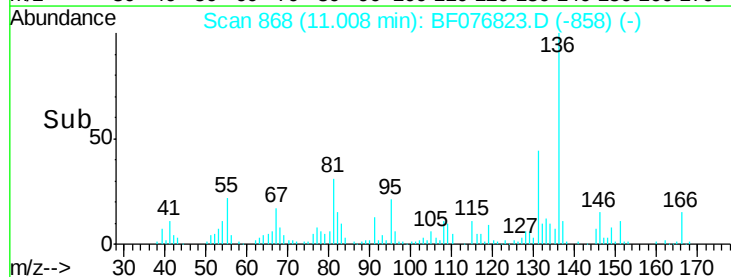
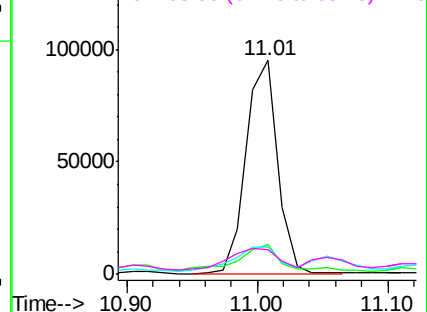


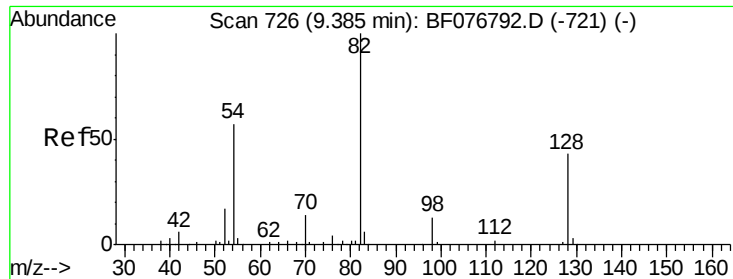
Abundance Ion 136.00 (135.70 to 136.70): E

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

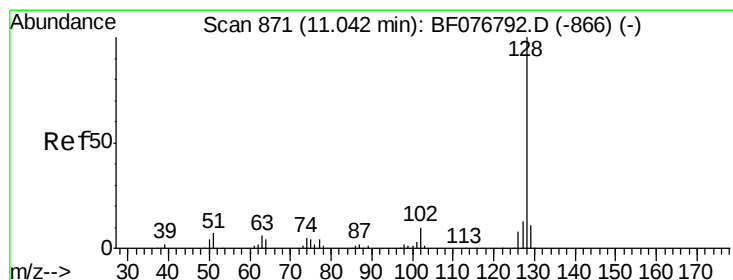
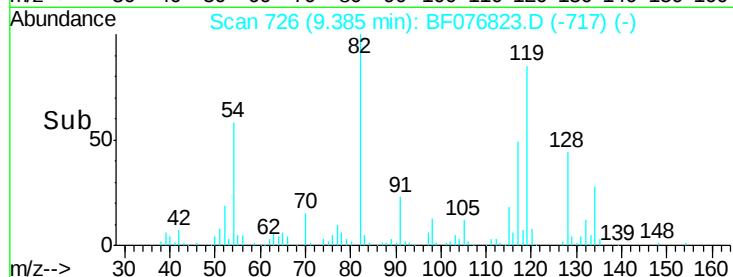
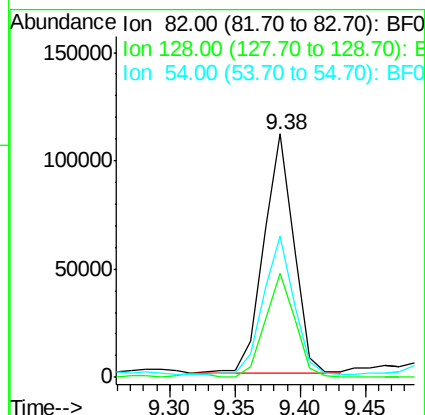
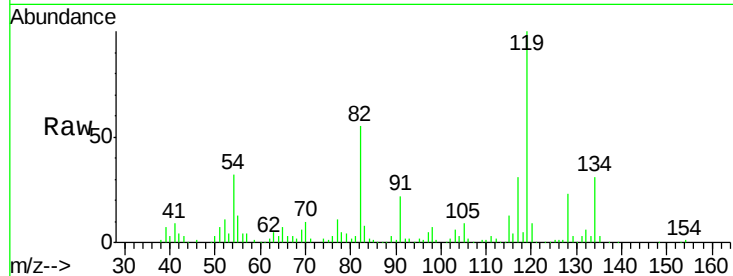




#23
Nitrobenzene-d5
Concen: 61.19 ng
RT: 9.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

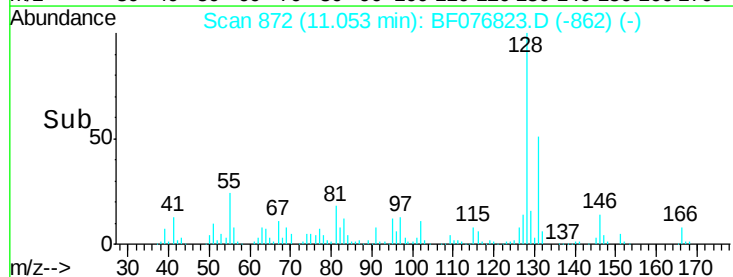
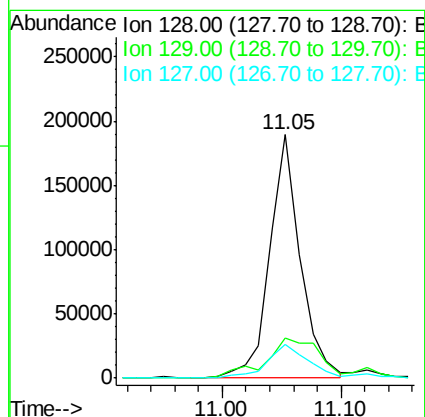
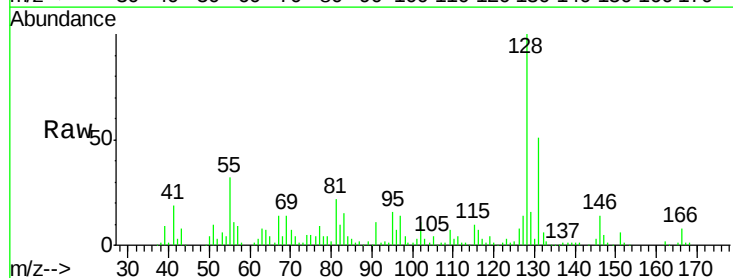
Instrument :
BNA_F
ClientSampleId :
S-1

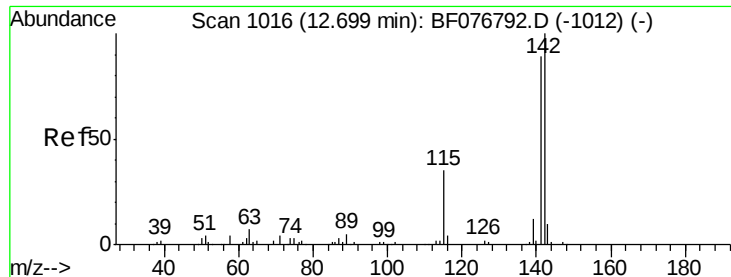
Tot Ion	82	Resp	176190
Ion Ratio	Lower	Upper	
82	100		
128	42.8	34.0	51.0
54	57.8	45.6	68.4



#31
Naphthalene
Concen: 41.57 ng
RT: 11.05 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion	128	Resp	341223
Ion Ratio	Lower	Upper	
128	100		
129	16.3	8.6	13.0#
127	14.0	10.1	15.1

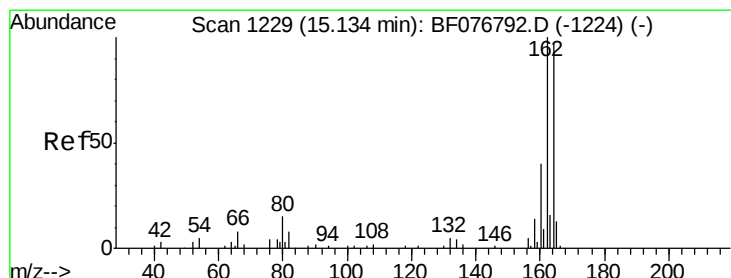
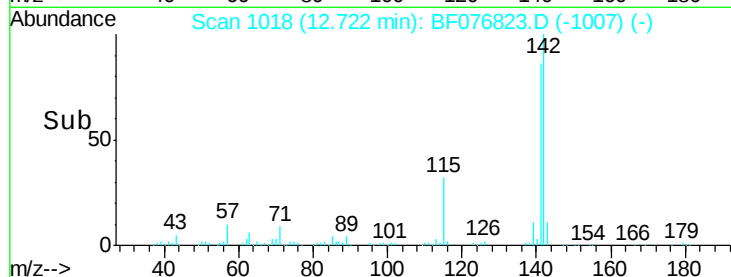
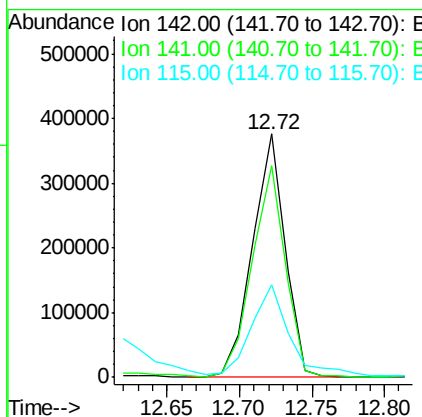
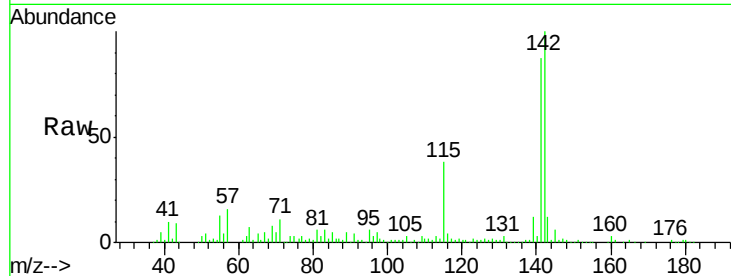




#37
2-Methylnaphthalene
Concen: 101.35 ng
RT: 12.72 min Scan# 1018
Delta R.T. 0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

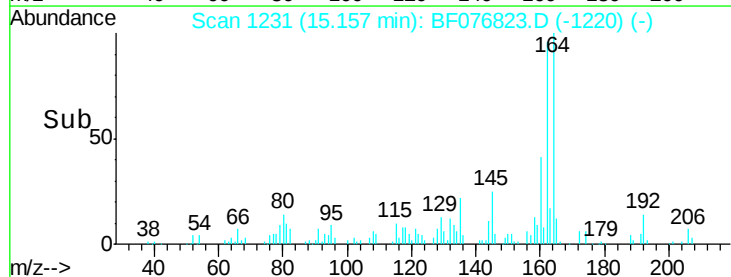
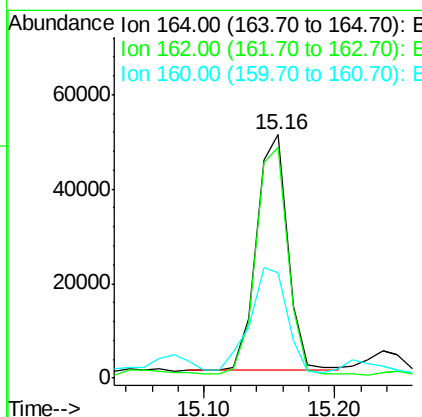
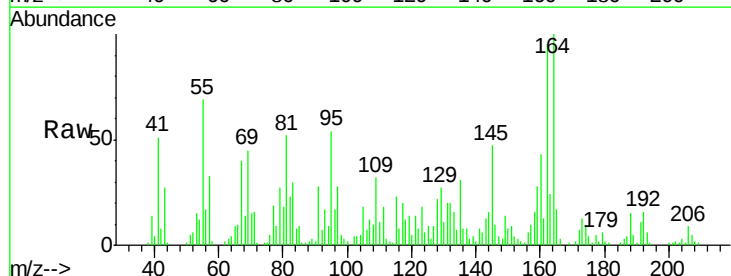
Instrument :
BNA_F
ClientSampled :
S-1

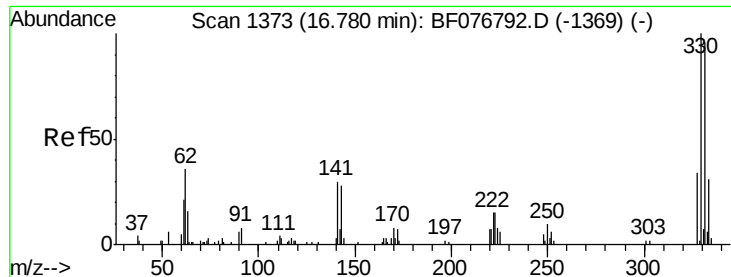
Tot Ion:142 Resp: 583814
Ion Ratio Lower Upper
142 100
141 86.7 71.0 106.4
115 37.9 28.2 42.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.16 min Scan# 1231
Delta R.T. 0.02 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:164 Resp: 83788
Ion Ratio Lower Upper
164 100
162 95.0 82.5 123.7
160 43.3 33.1 49.7

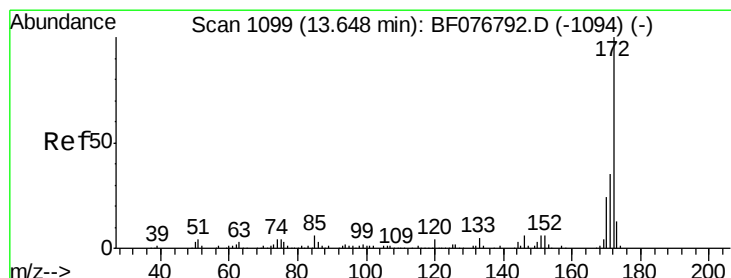
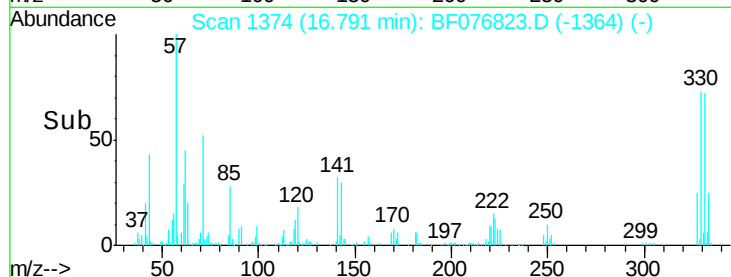
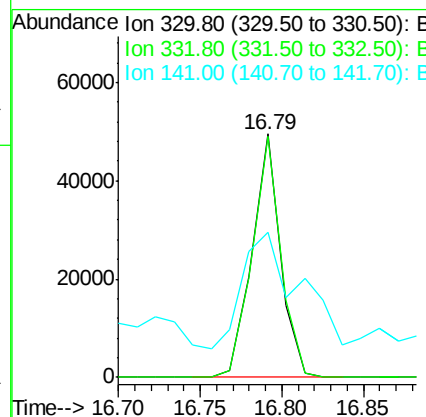
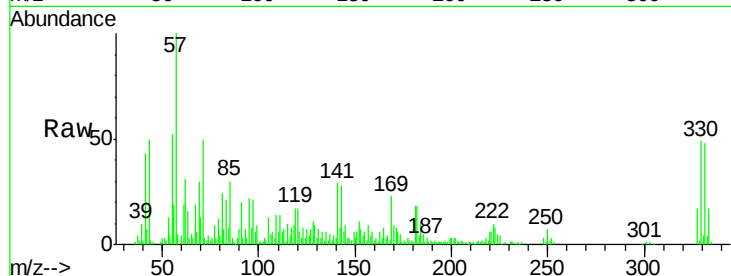




#41
 2,4,6-Tribromophenol
 Concen: 85.12 ng
 RT: 16.79 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF076823.D
 Acq: 13 Jan 2015 1:17

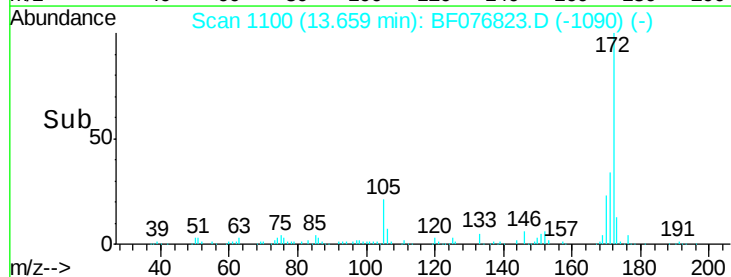
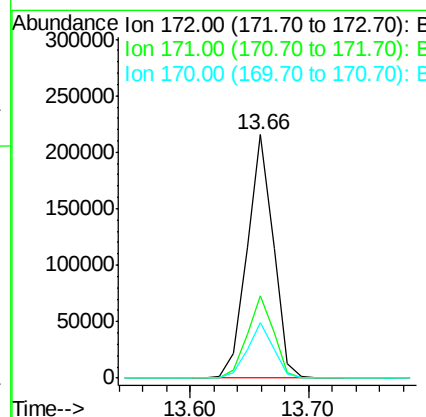
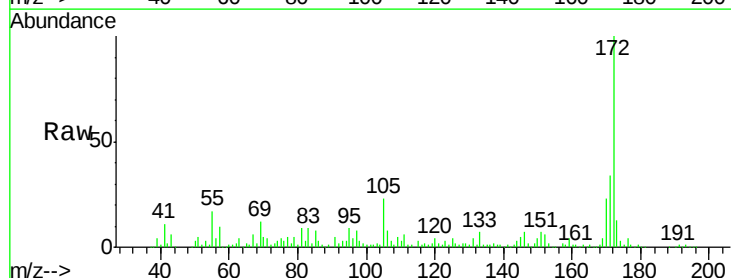
Instrument :
 BNA_F
 ClientSampleId :
 S-1

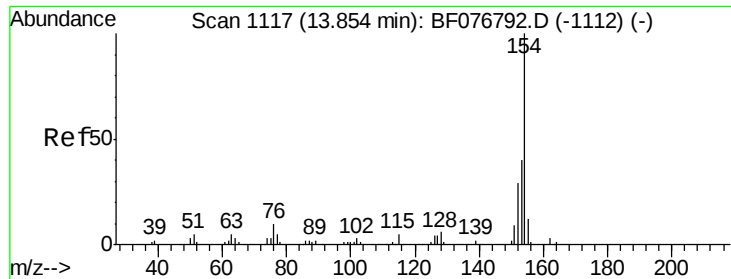
Tot Ion	Ratio	Lower	Upper
330	100		
332	100.4	74.8	112.2
141	96.9	42.4	63.6#



#44
 2-Fluorobiphenyl
 Concen: 58.42 ng
 RT: 13.66 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF076823.D
 Acq: 13 Jan 2015 1:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.8	41.8
170	22.8	18.8	28.2

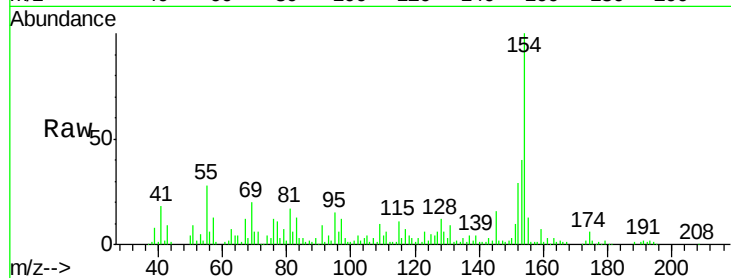




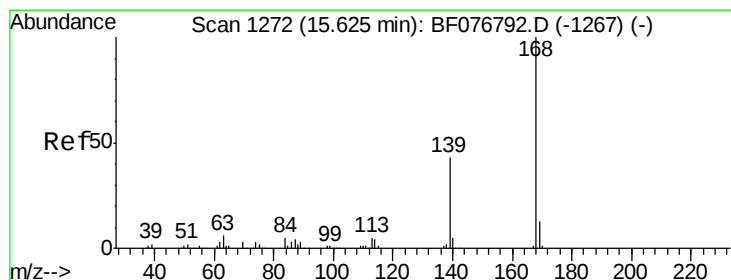
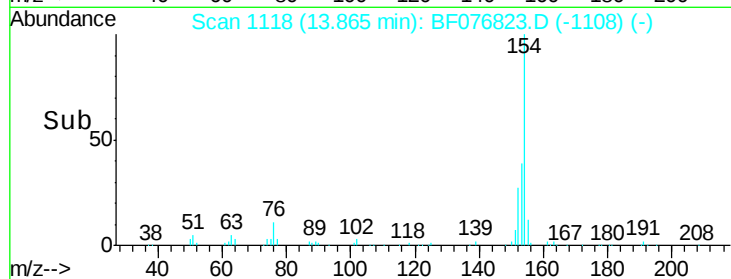
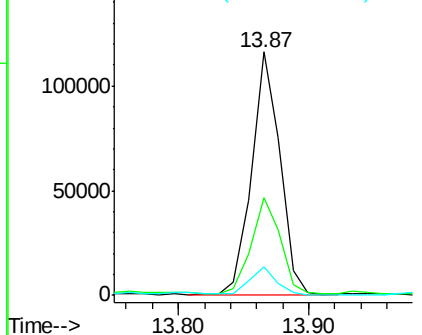
#45
 1,1'-Biphenyl
 Concen: 27.01 ng
 RT: 13.87 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF076823.D
 Acq: 13 Jan 2015 1:17

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion:	154	Resp:	174026
Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.9	59.9
76	11.7	0.0	29.9

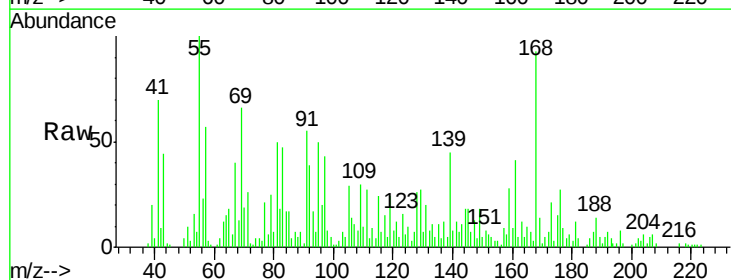


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

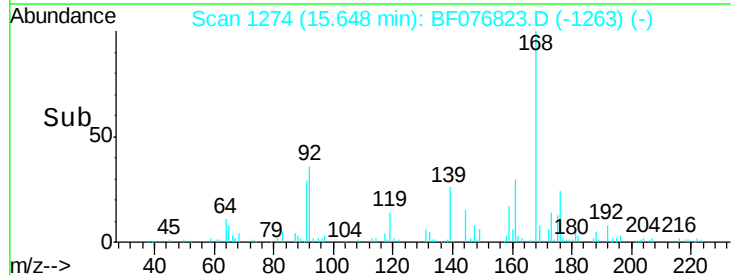
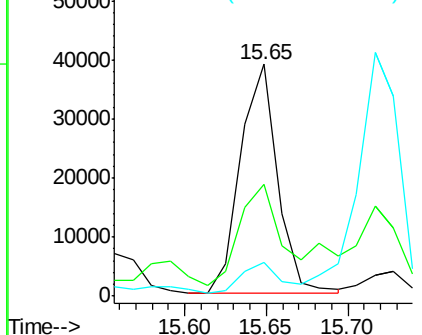


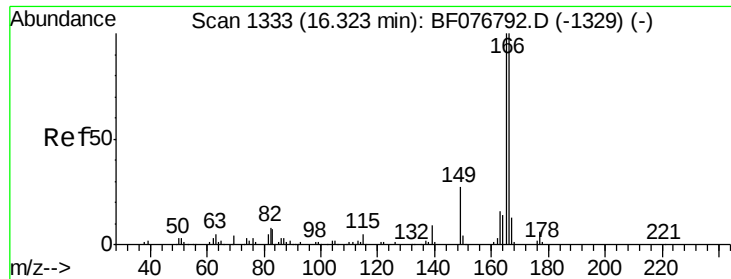
#54
 Dibenzofuran
 Concen: 8.38 ng
 RT: 15.65 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BF076823.D
 Acq: 13 Jan 2015 1:17

Tgt Ion:	168	Resp:	60770
Ion	Ratio	Lower	Upper
168	100		
139	48.4	34.2	51.4
169	14.8	10.5	15.7



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

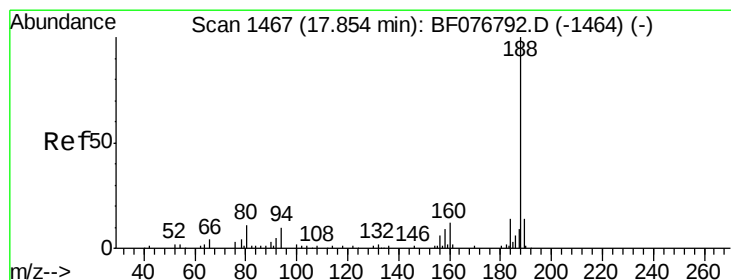
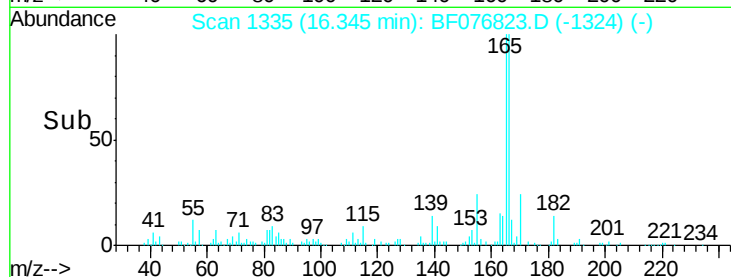
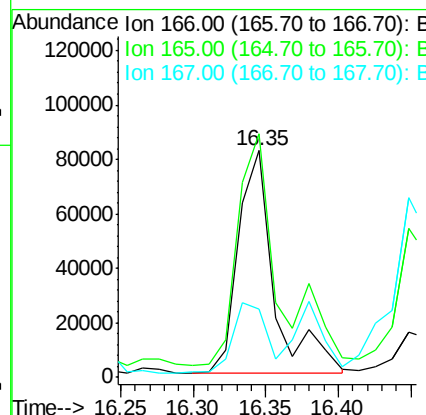
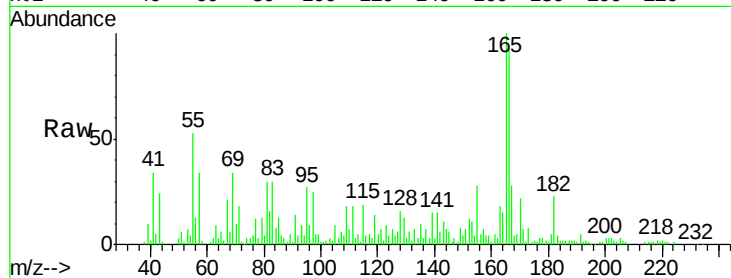




#57
Fluorene
 Concen: 23.12 ng
 RT: 16.35 min Scan# 1335
 Delta R.T. 0.02 min
 Lab File: BF076823.D
 Acq: 13 Jan 2015 1:17

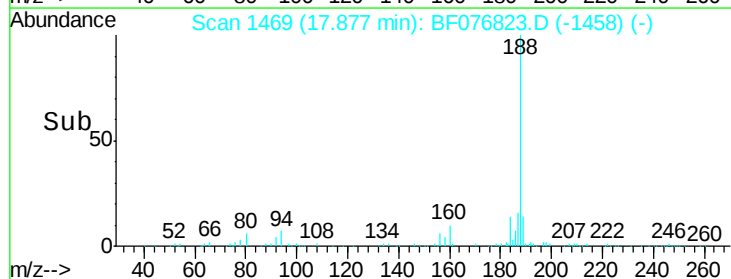
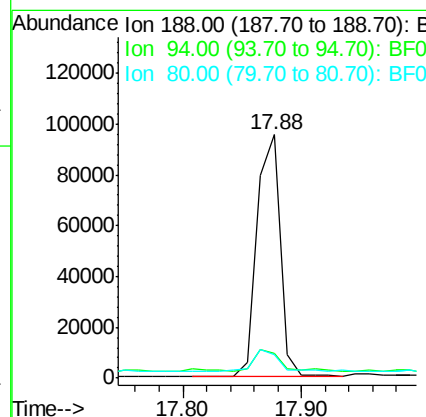
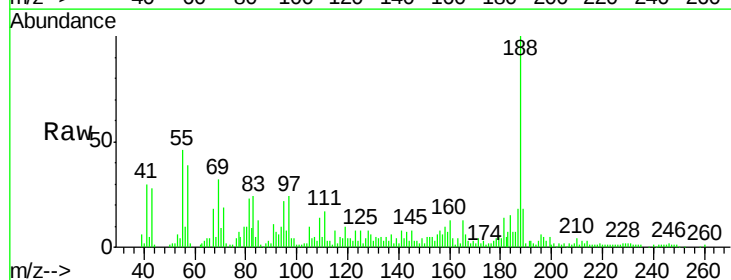
Instrument :
 BNA_F
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 S-1

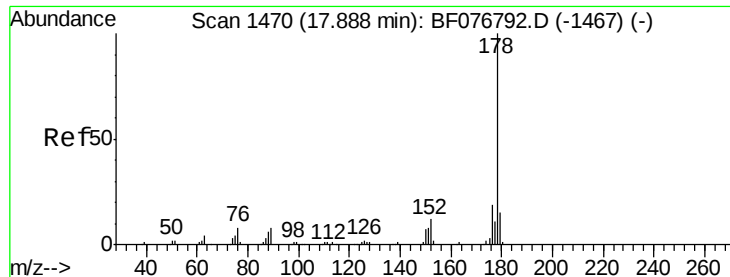
Tot Ion:166 Resp: 139992
 Ion Ratio Lower Upper
 166 100
 165 107.5 79.6 119.4
 167 30.3 10.2 15.2#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.88 min Scan# 1469
 Delta R.T. 0.02 min
 Lab File: BF076823.D
 Acq: 13 Jan 2015 1:17

Tgt Ion:188 Resp: 131008
 Ion Ratio Lower Upper
 188 100
 94 10.0 7.8 11.6
 80 9.6 8.6 13.0





#70

Phenanthrene

Concen: 37.81 ng

RT: 17.91 min Scan# 1472

Delta R.T. 0.02 min

Lab File: BF076823.D

Acq: 13 Jan 2015 1:17

Instrument :

BNA_F

ClientSampleId :

S-1

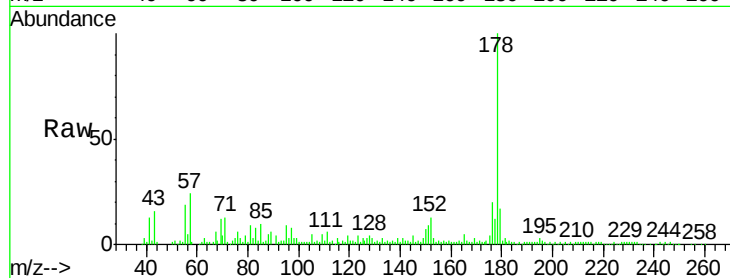
Tot Ion:178 Resp: 308712

Ion Ratio Lower Upper

178 100

176 20.2 15.2 22.8

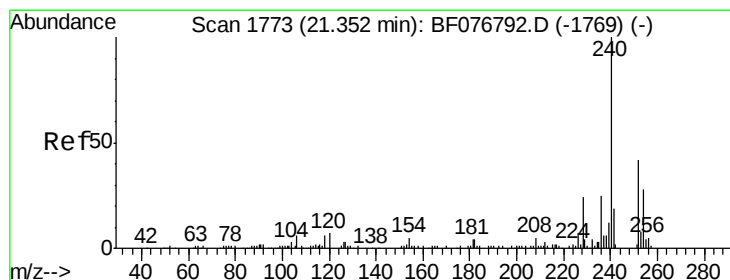
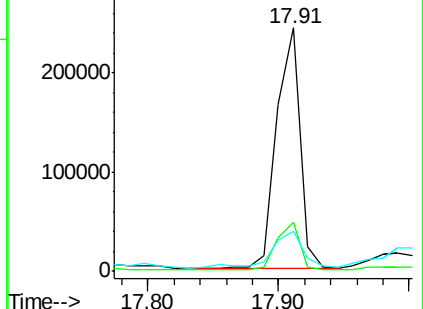
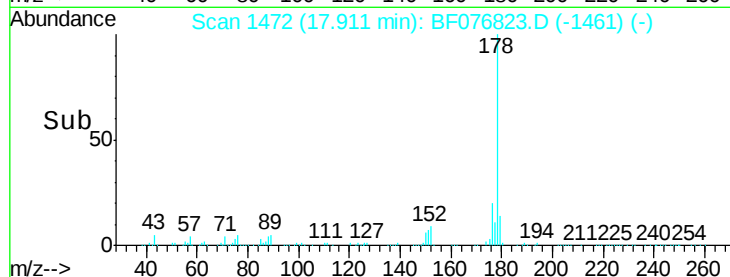
179 16.6 11.8 17.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF076823.D

Acq: 13 Jan 2015 1:17

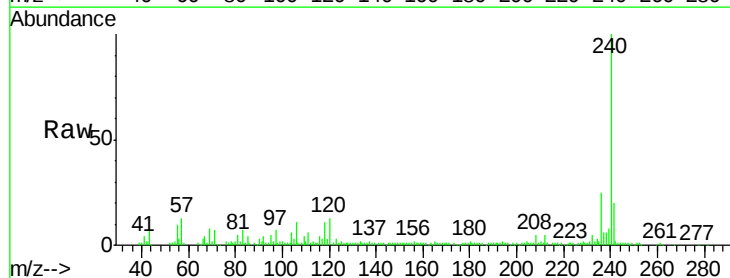
Tgt Ion:240 Resp: 124926

Ion Ratio Lower Upper

240 100

120 12.8 5.7 8.5#

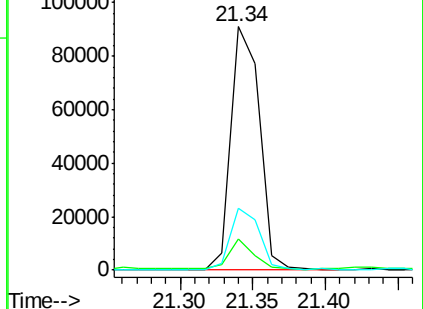
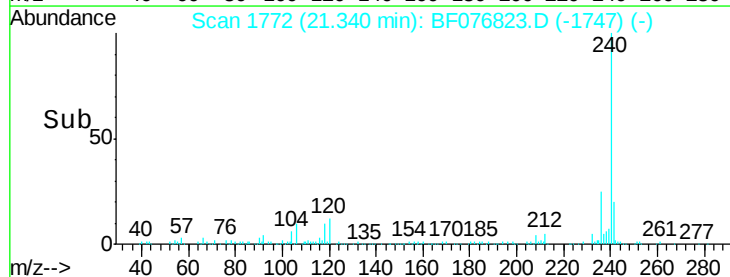
236 25.4 19.7 29.5

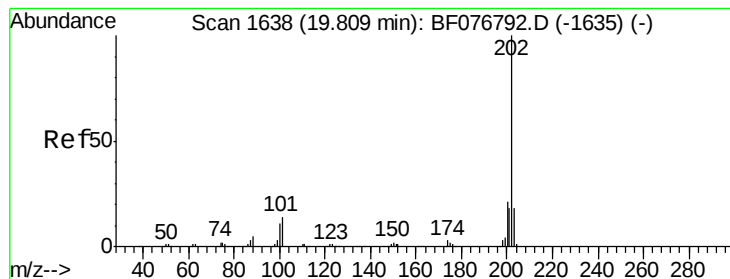


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 5.65 ng

RT: 19.82 min Scan# 1639

Delta R.T. 0.01 min

Lab File: BF076823.D

Acq: 13 Jan 2015 1:17

Instrument :

BNA_F

ClientSampleId :

S-1

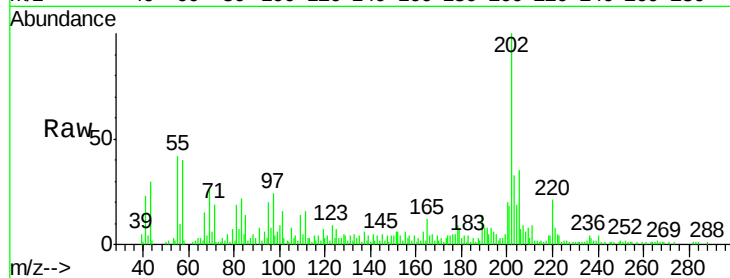
Tot Ion:202 Resp: 50744

Ion Ratio Lower Upper

202 100

200 19.9 16.6 25.0

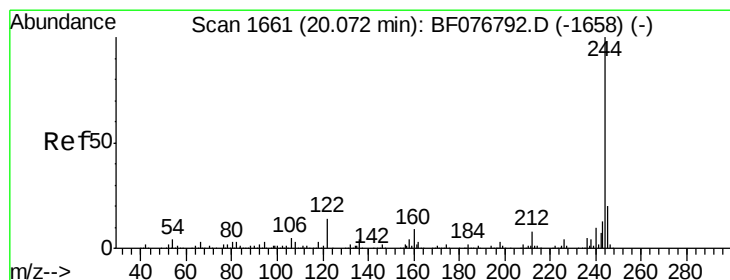
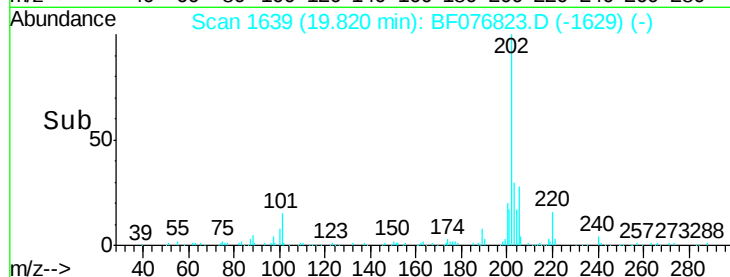
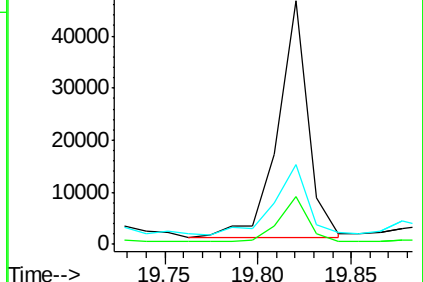
203 32.9 14.6 22.0#



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: 54.71 ng

RT: 20.08 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF076823.D

Acq: 13 Jan 2015 1:17

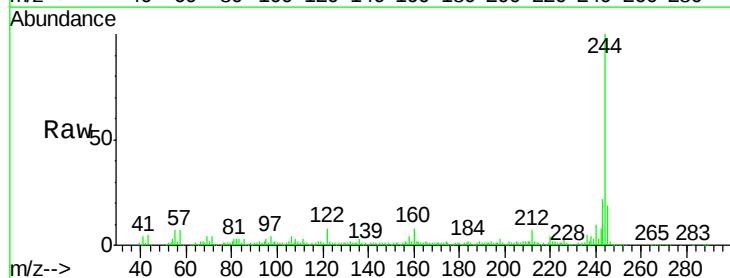
Tgt Ion:244 Resp: 311316

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

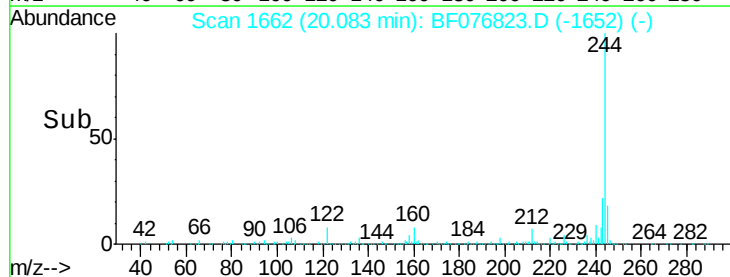
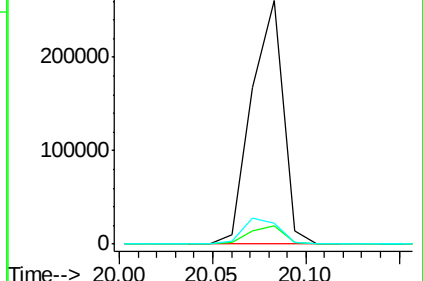
122 8.4 11.3 16.9#

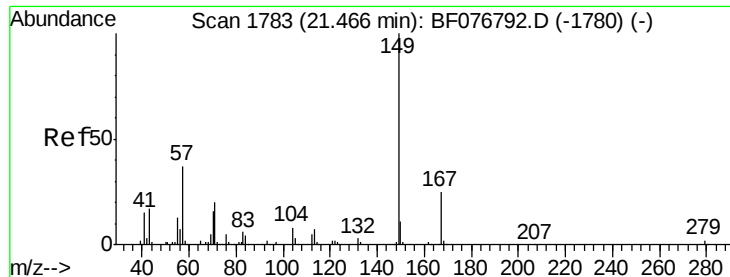


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

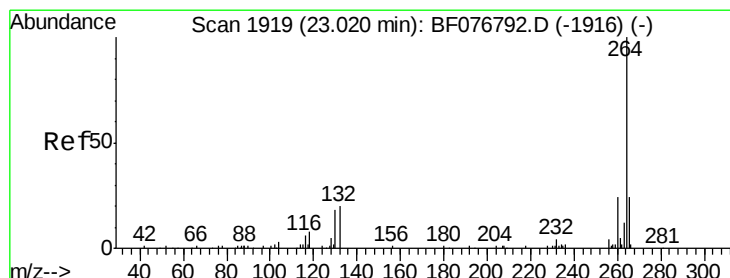
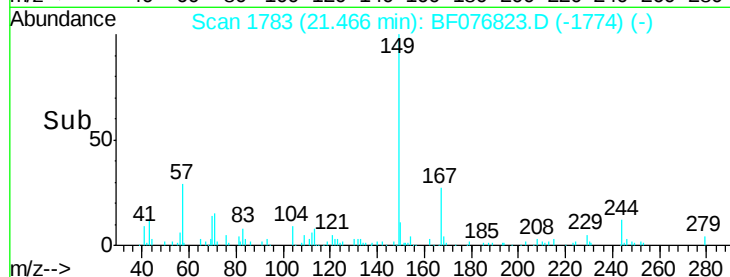
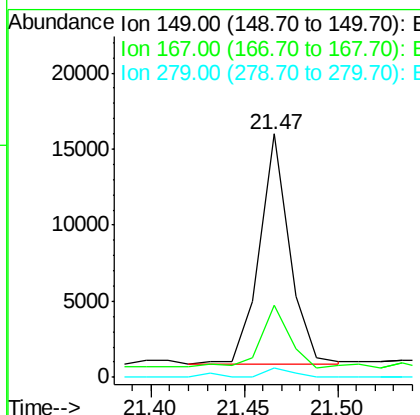
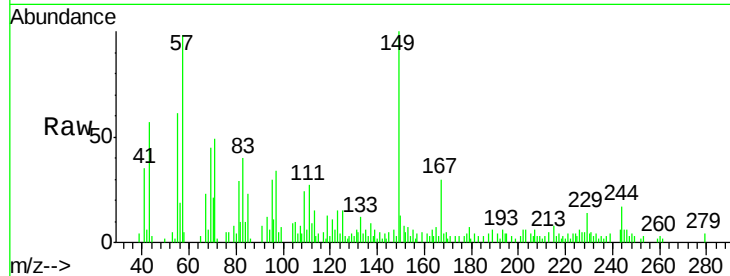




#83
Bis(2-ethylhexyl)phthalate
Concen: 2.92 ng
RT: 21.47 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Instrument :
BNA_F
ClientSampleId :
S-1

Tot Ion:149 Resp: 16908
Ion Ratio Lower Upper
149 100
167 29.7 20.1 30.1
279 4.1 1.4 2.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.97 min Scan# 1915
Delta R.T. -0.05 min
Lab File: BF076823.D
Acq: 13 Jan 2015 1:17

Tgt Ion:264 Resp: 117042
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.0
265 21.9 18.9 28.3

