

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
 Data File : BF077772.D
 Acq On : 17 Mar 2015 15:08
 Operator : TP/IZ
 Sample : G1412-11DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)DL

Quant Time: Mar 18 01:27:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

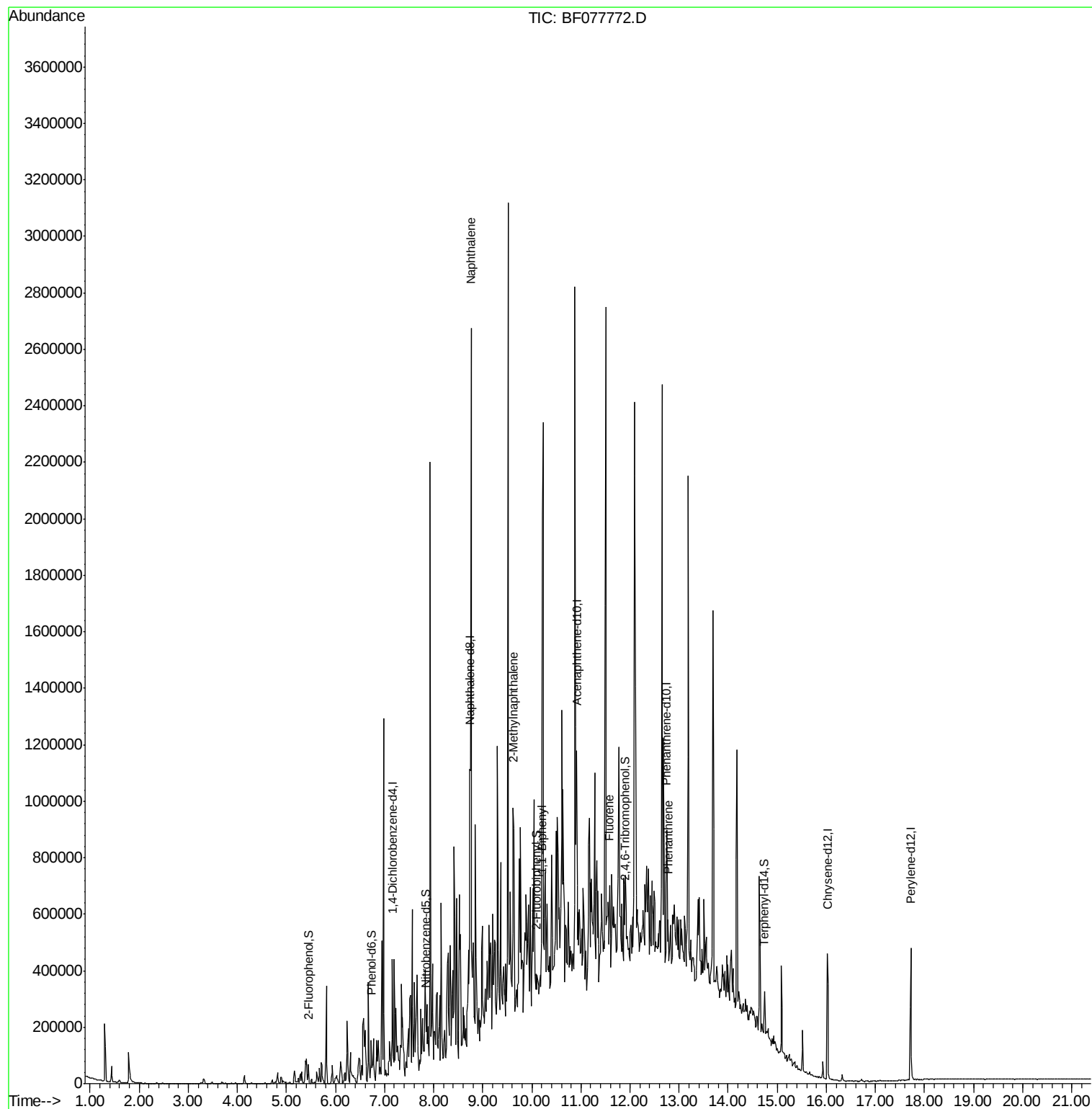
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	50173	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	202162	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	102315	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	203432	20.00	ng	0.00
75) Chrysene-d12	16.02	240	223816	20.00	ng	-0.01
86) Perylene-d12	17.72	264	219303	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	25205	8.77	ng	0.00
7) Phenol-d6	6.73	99	32014	9.01	ng	0.00
23) Nitrobenzene-d5	7.85	82	32024	10.38	ng	-0.01
41) 2,4,6-Tribromophenol	11.89	330	6057	6.19	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	42674	6.13	ng	0.00
78) Terphenyl-d14	14.74	244	49562	5.41	ng	0.00
Target Compounds						
31) Naphthalene	8.76	128	106075	10.22	ng	Qvalue # 86
37) 2-Methylnaphthalene	9.62	142	222270	31.87	ng	97
45) 1,1'-Biphenyl	10.20	154	49542	6.06	ng	97
57) Fluorene	11.59	166	38727	4.96	ng	# 85
70) Phenanthrene	12.77	178	83183	7.12	ng	# 96

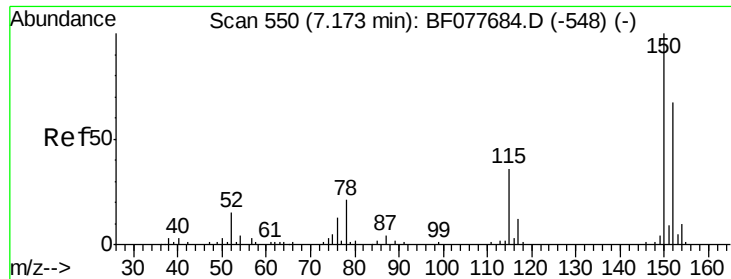
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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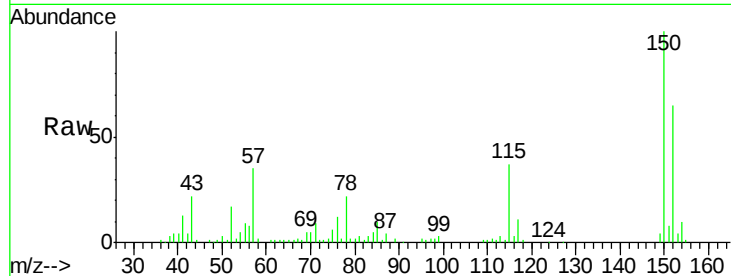


#1

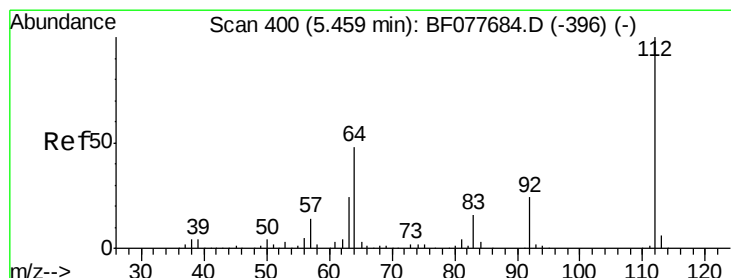
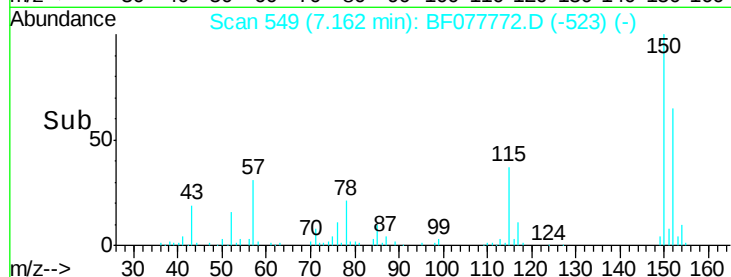
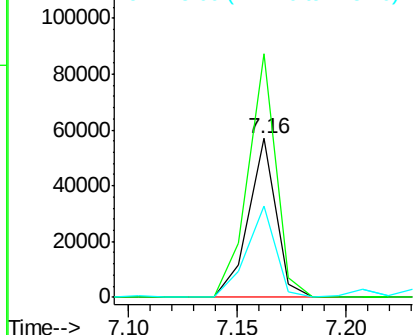
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tot Ion:152 Resp: 50173
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 57.2 43.0 64.4



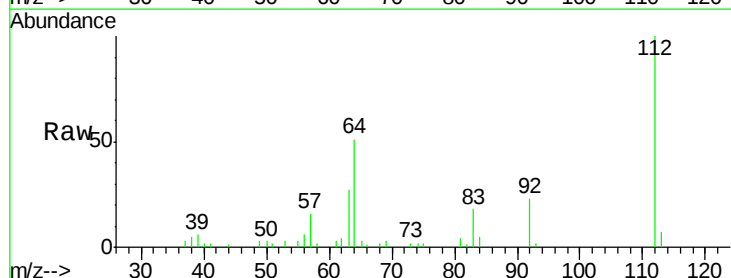
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



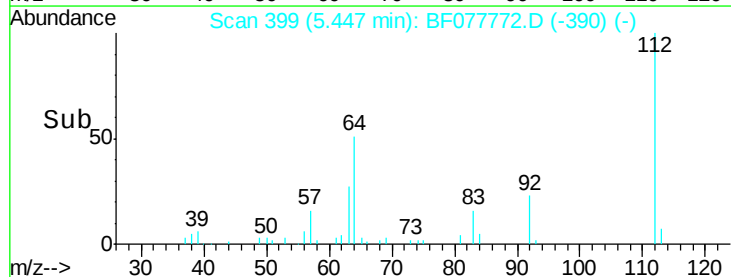
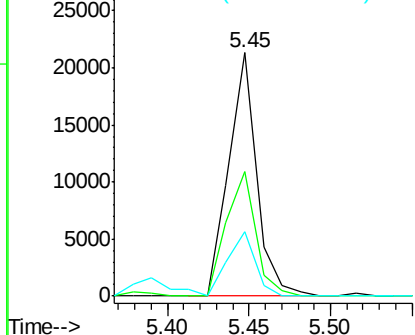
#5

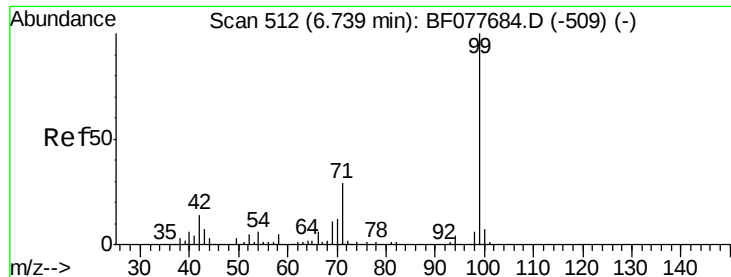
2-Fluorophenol
Concen: 8.77 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:112 Resp: 25205
Ion Ratio Lower Upper
112 100
64 51.2 38.6 57.8
63 26.6 19.3 28.9



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: 9.01 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077772.D

Acq: 17 Mar 2015 15:08

Instrument :

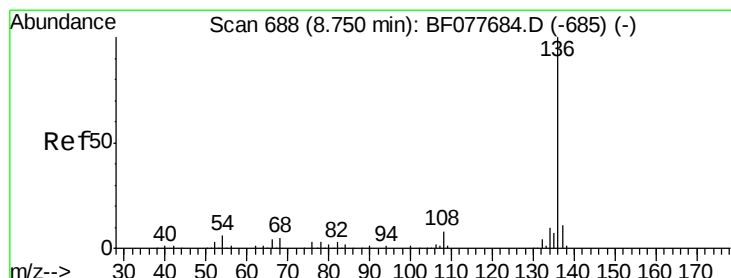
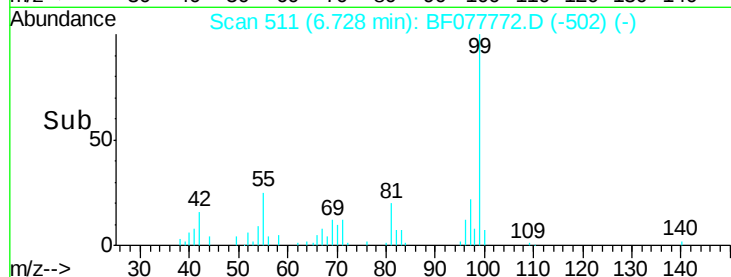
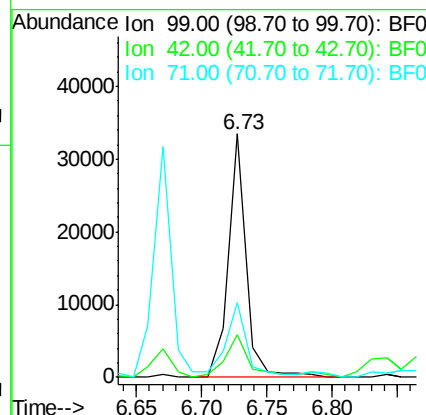
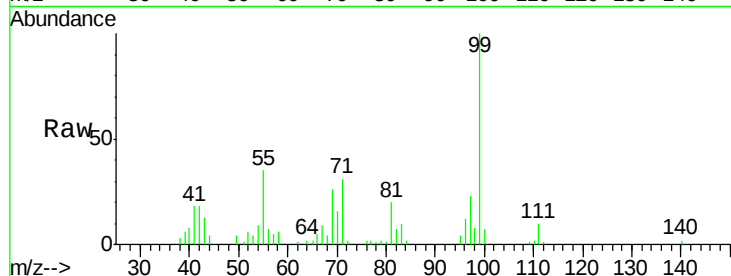
BNA_F

ClientSampleId :

PE-4(7.0-7.5)DL

Tot Ion: 99 Resp: 32014

Ion	Ratio	Lower	Upper
99	100		
42	17.7	11.0	16.4#
71	30.6	23.4	35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

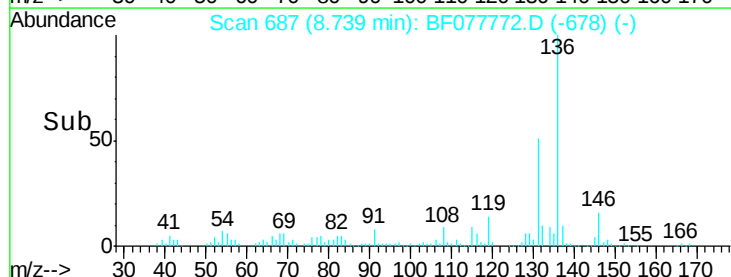
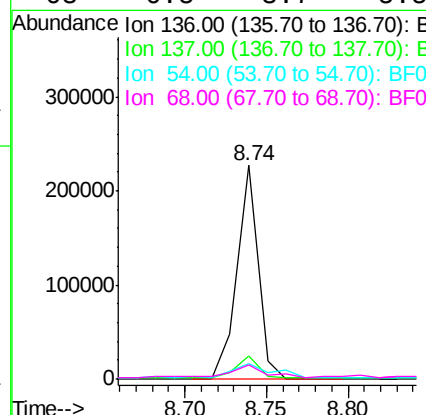
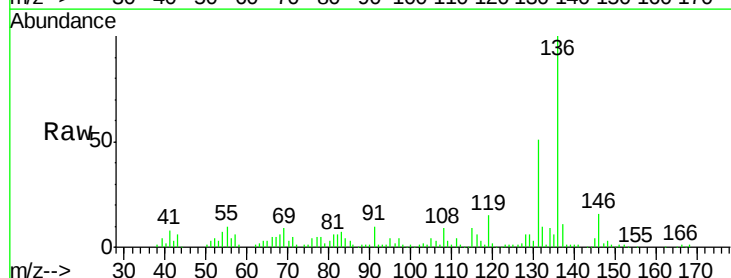
Delta R.T. 0.00 min

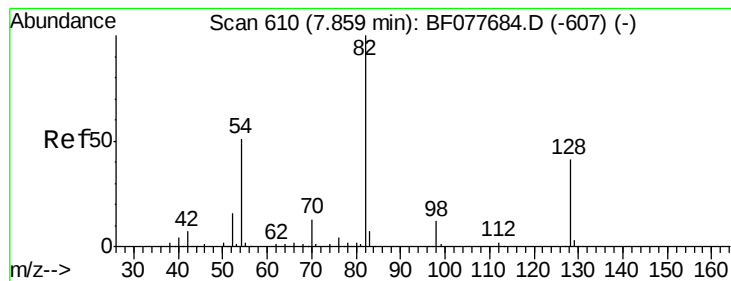
Lab File: BF077772.D

Acq: 17 Mar 2015 15:08

Tgt Ion: 136 Resp: 202162

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.5	4.6	6.8#
68	6.5	3.7	5.5#





#23

Nitrobenzene-d5

Concen: 10.38 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF077772.D

Acq: 17 Mar 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)DL

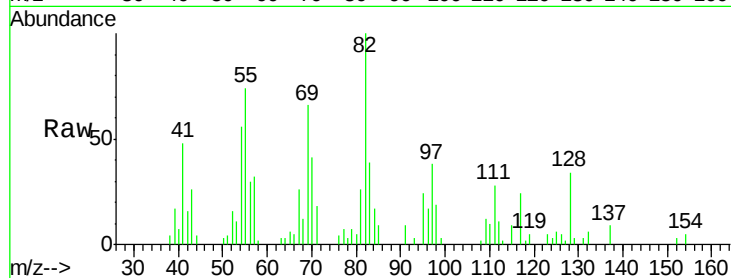
Tot Ion: 82 Resp: 32024

Ion Ratio Lower Upper

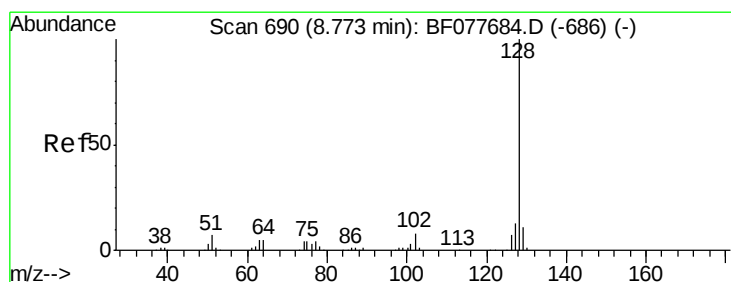
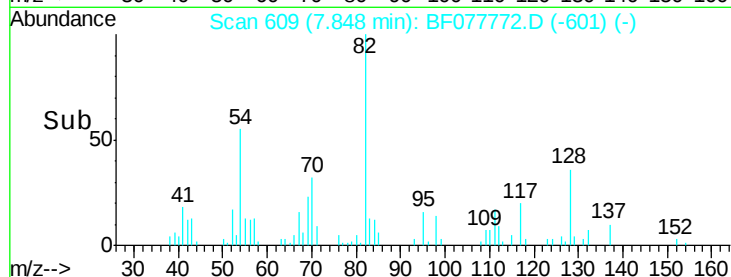
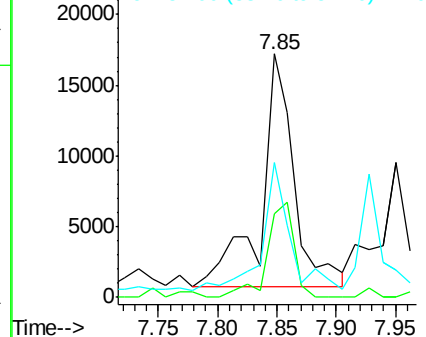
82 100

128 34.4 32.8 49.2

54 55.6 40.6 60.8



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



#31

Naphthalene

Concen: 10.22 ng

RT: 8.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF077772.D

Acq: 17 Mar 2015 15:08

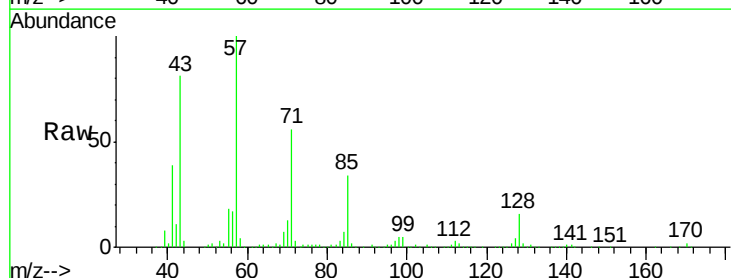
Tgt Ion:128 Resp: 106075

Ion Ratio Lower Upper

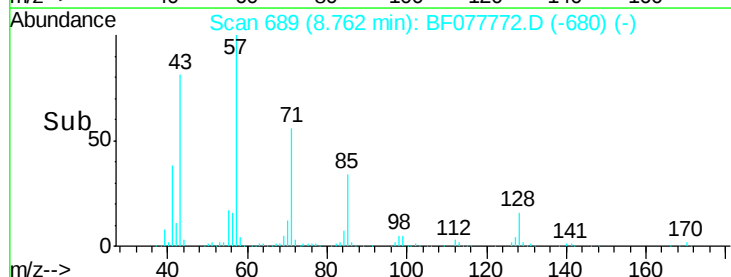
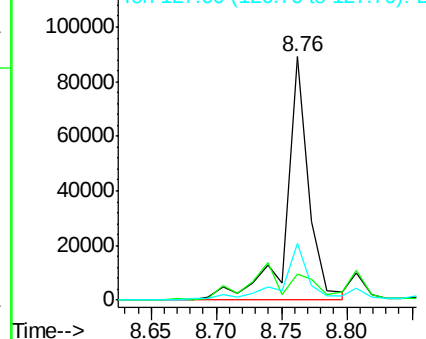
128 100

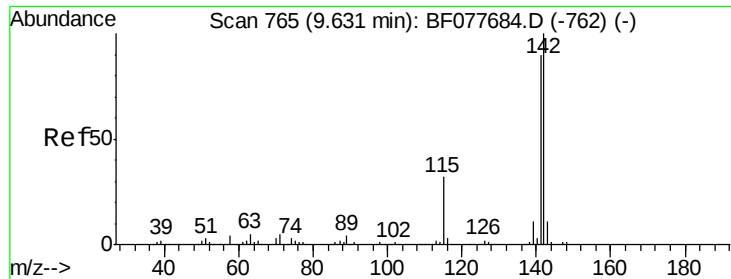
129 10.7 8.9 13.3

127 23.1 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

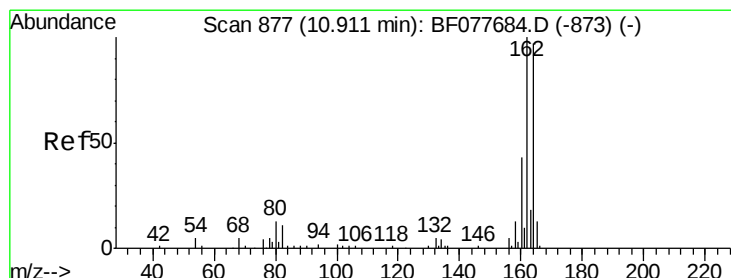
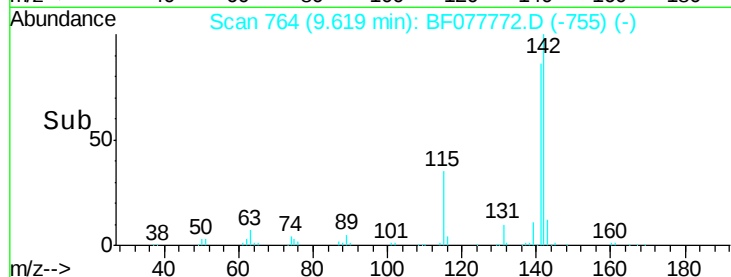
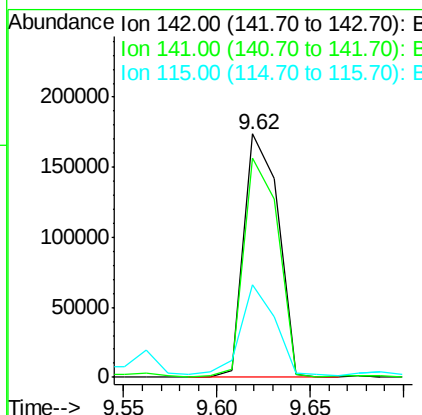
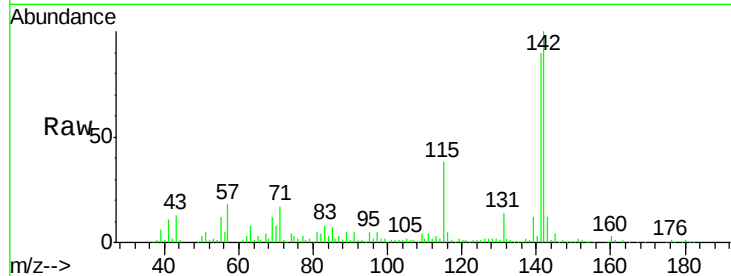




#37
2-Methylnaphthalene
Concen: 31.87 ng
RT: 9.62 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

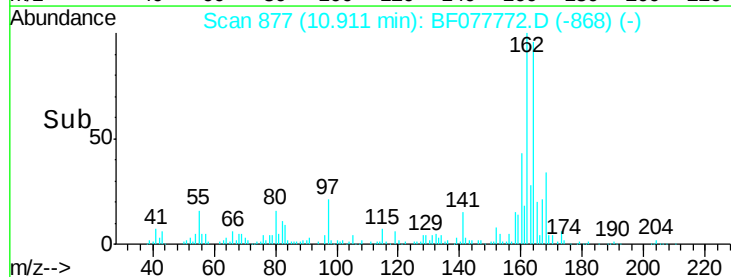
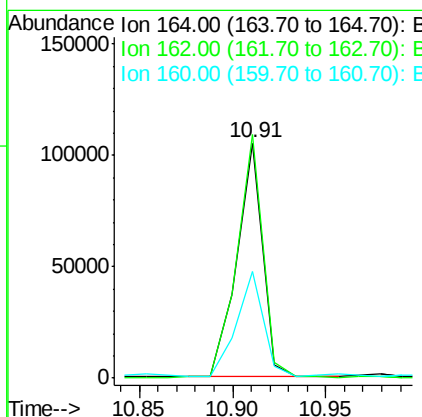
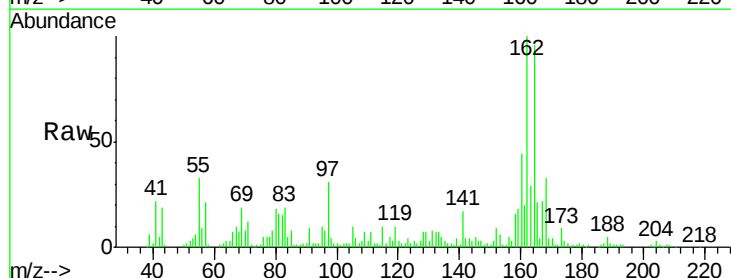
Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tot Ion:142 Resp: 222270
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9
115 37.8 25.4 38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:164 Resp: 102315
Ion Ratio Lower Upper
164 100
162 103.7 82.4 123.6
160 45.5 35.8 53.6

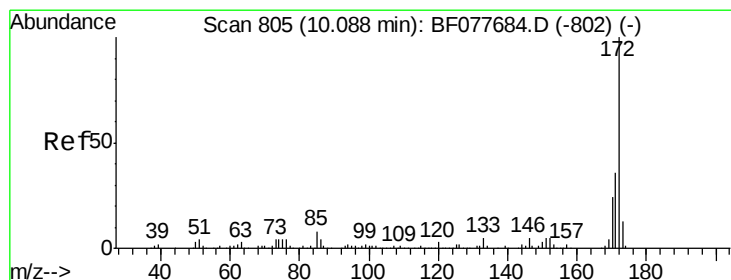
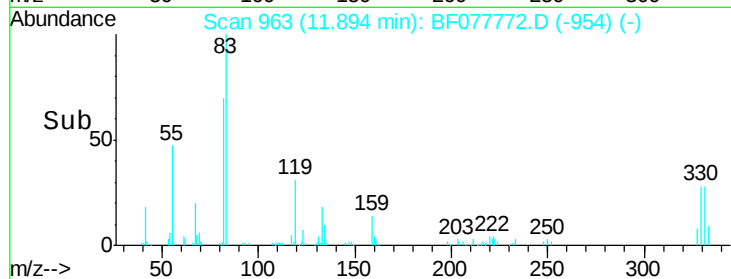
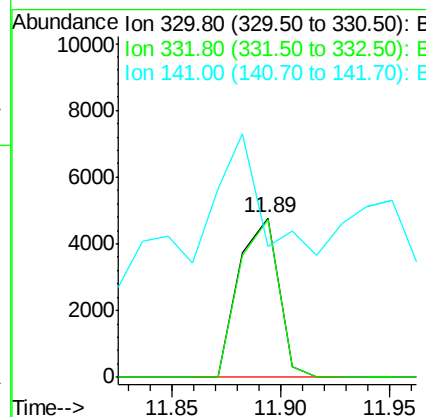
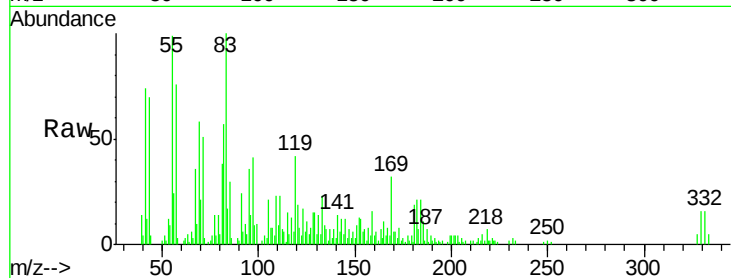




#41
 2,4,6-Tribromophenol
 Concen: 6.19 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077772.D
 Acq: 17 Mar 2015 15:08

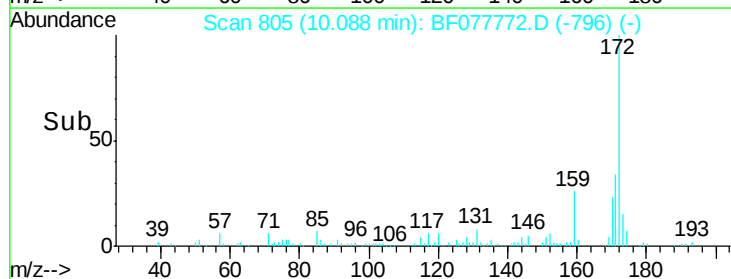
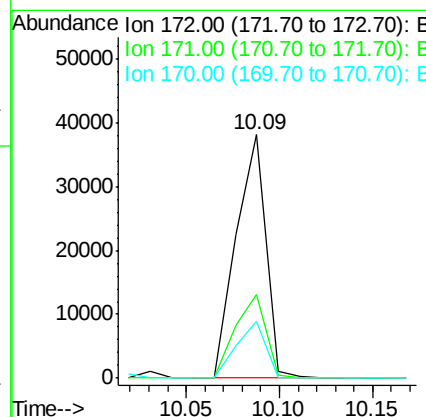
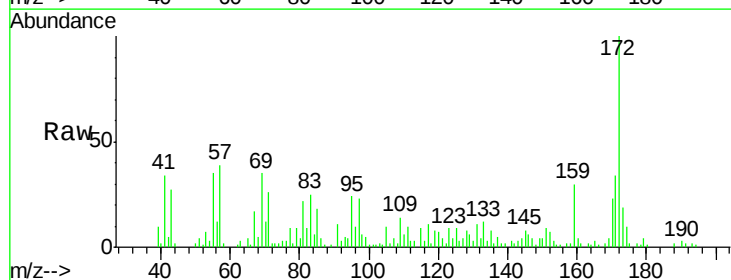
Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)DL

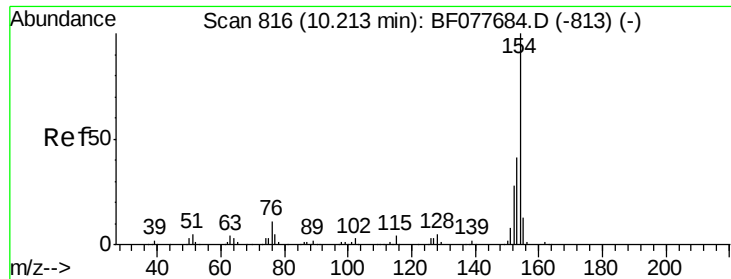
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	170.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 6.13 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077772.D
 Acq: 17 Mar 2015 15:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	23.2	18.8	28.2

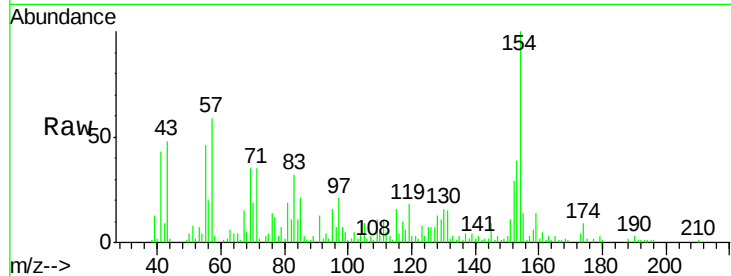




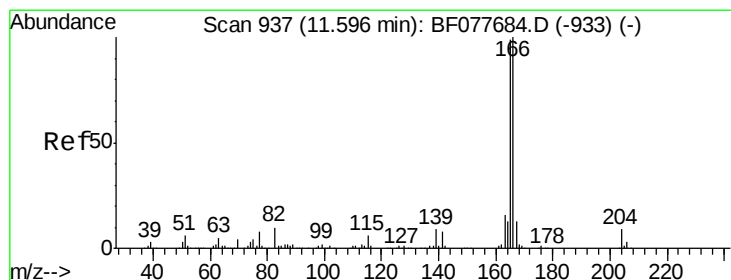
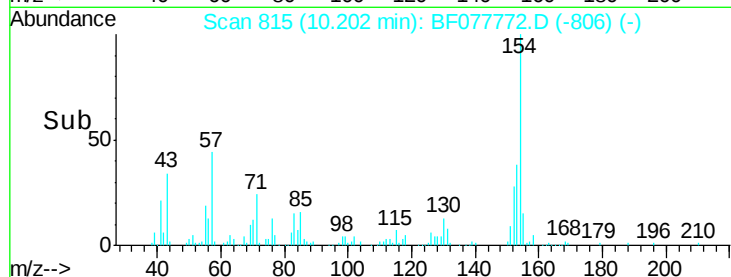
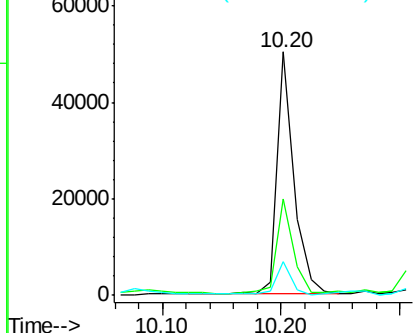
#45
1,1'-Biphenyl
Concen: 6.06 ng
RT: 10.20 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tot Ion:154 Resp: 49542
Ion Ratio Lower Upper
154 100
153 39.4 20.7 60.7
76 13.9 0.0 30.9

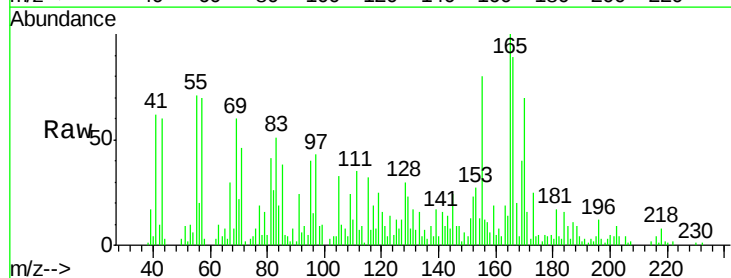


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

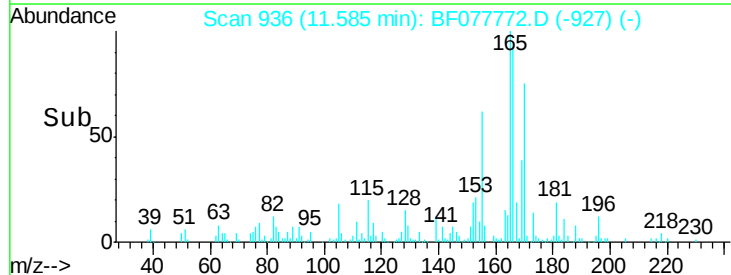
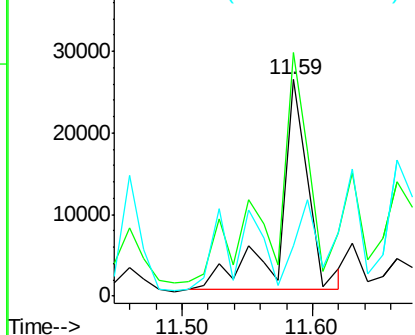


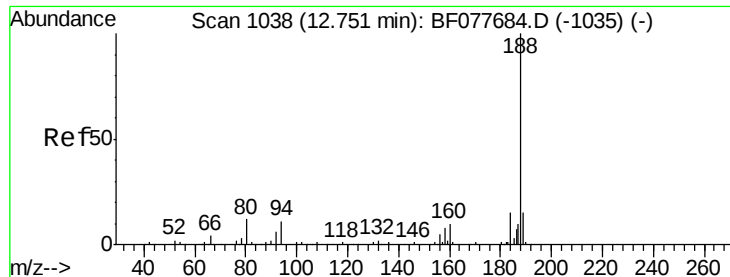
#57
Fluorene
Concen: 4.96 ng
RT: 11.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:166 Resp: 38727
Ion Ratio Lower Upper
166 100
165 112.6 79.0 118.4
167 23.0 10.3 15.5#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

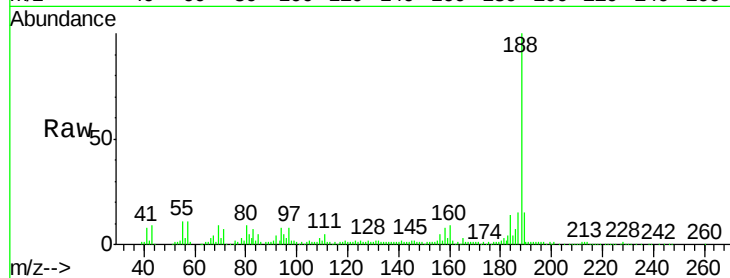




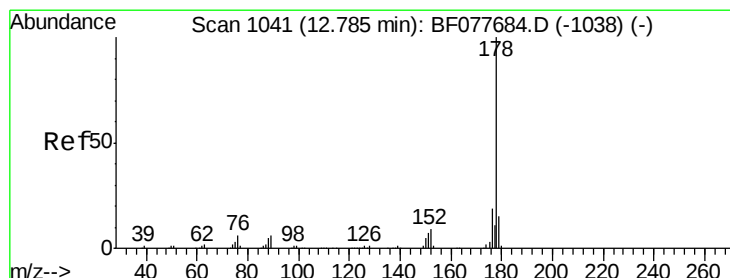
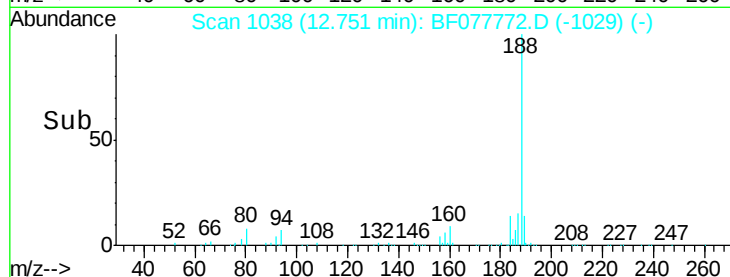
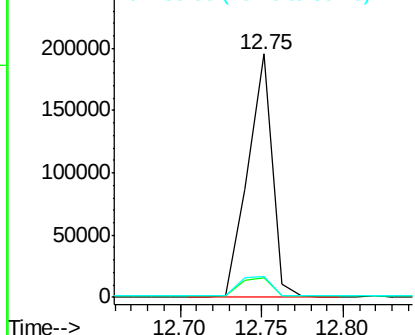
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)DL

Tot Ion:188 Resp: 203432
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 8.8 9.3 13.9#

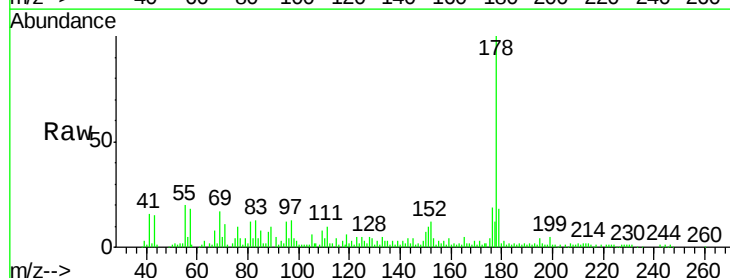


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

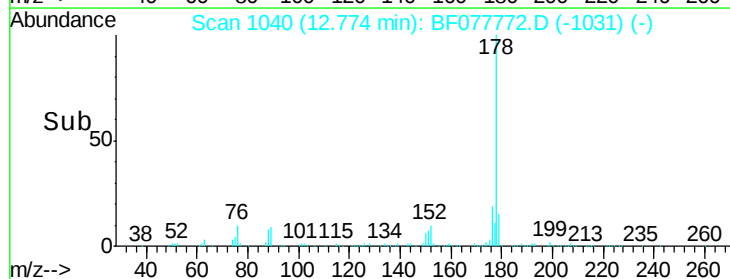
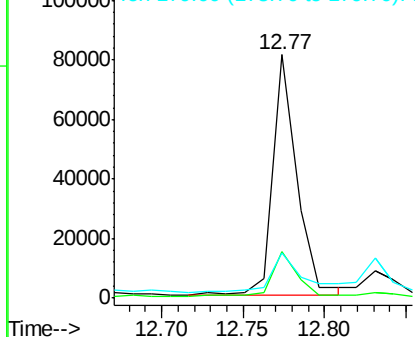


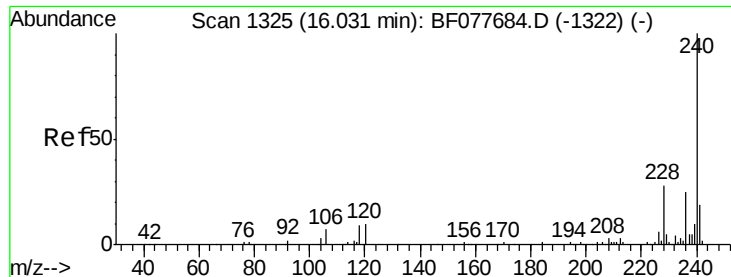
#70
Phenanthrene
Concen: 7.12 ng
RT: 12.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF077772.D
Acq: 17 Mar 2015 15:08

Tgt Ion:178 Resp: 83183
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 18.3 12.1 18.1#



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: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077772.D

Acq: 17 Mar 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)DL

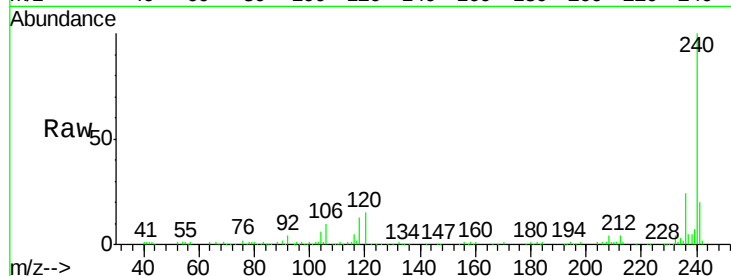
Tot Ion:240 Resp: 223816

Ion Ratio Lower Upper

240 100

120 14.8 8.2 12.2#

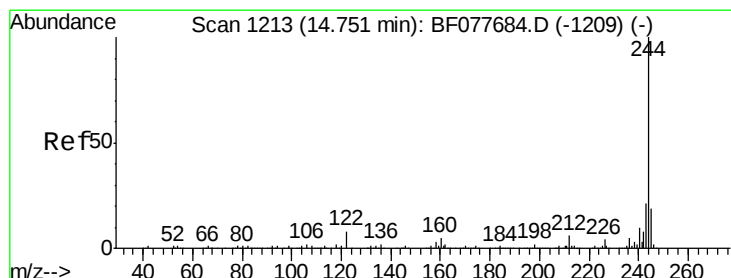
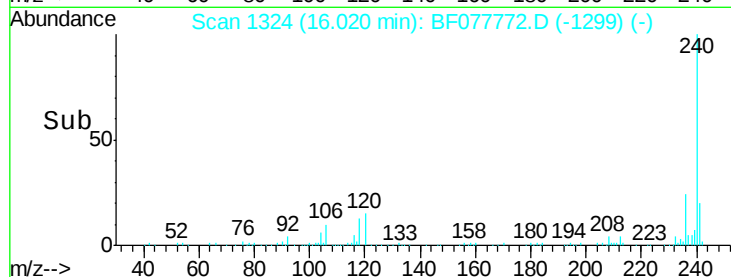
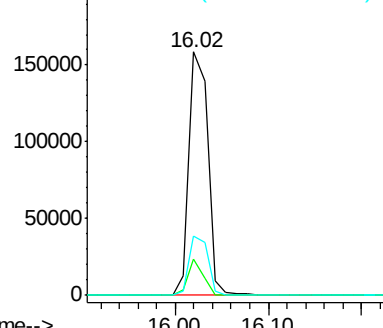
236 24.5 20.0 30.0



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



#78

Terphenyl-d14

Concen: 5.41 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077772.D

Acq: 17 Mar 2015 15:08

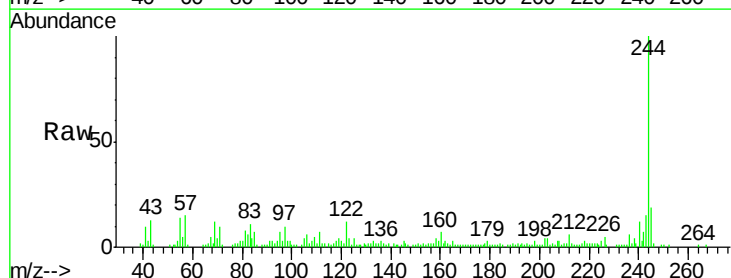
Tgt Ion:244 Resp: 49562

Ion Ratio Lower Upper

244 100

212 6.5 4.9 7.3

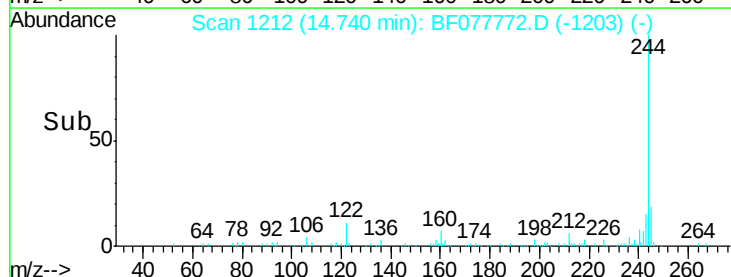
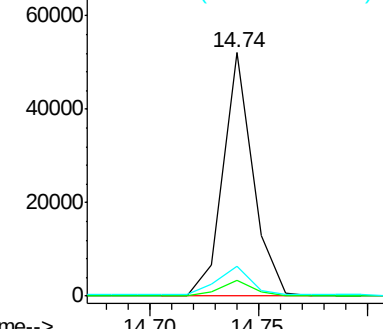
122 12.1 6.2 9.4#

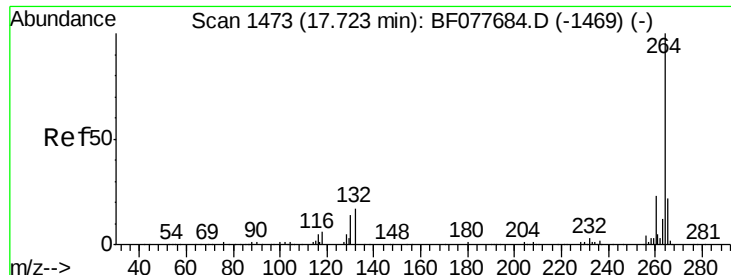


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

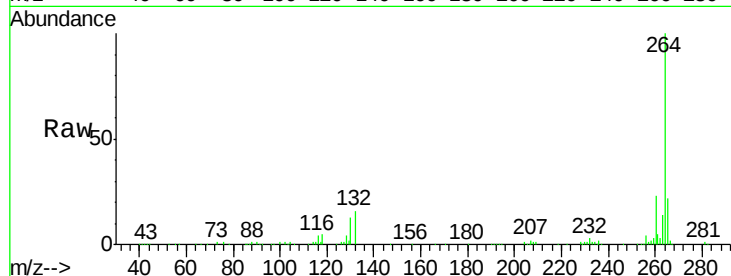




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.72 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF077772.D
 Acq: 17 Mar 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.9	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

