

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
 Data File : BF077635.D
 Acq On : 6 Mar 2015 21:31
 Operator : TP/IZ
 Sample : G1443-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Mar 07 00:57:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 22:10:32 2015
 Response via : Initial Calibration

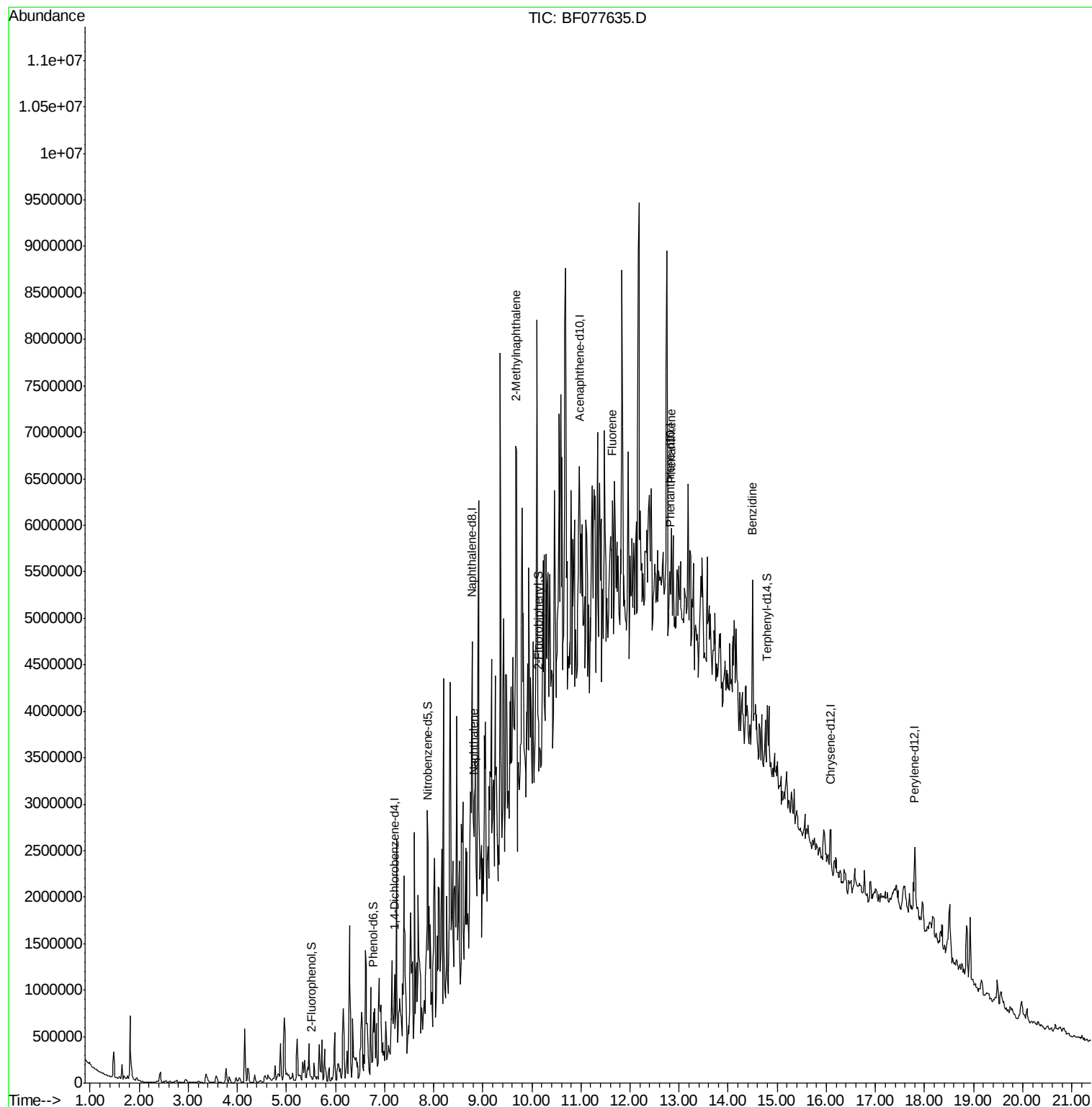
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	63603	20.00	ng	0.00
21) Naphthalene-d8	8.78	136	221455	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	110490	20.00	ng	0.01
63) Phenanthrene-d10	12.81	188	209457	20.00	ng	0.02
75) Chrysene-d12	16.08	240	255014	20.00	ng	0.00
86) Perylene-d12	17.80	264	260363	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	13958	3.66	ng	0.00
7) Phenol-d6	6.77	99	58493	11.94	ng	0.00
23) Nitrobenzene-d5	7.88	82	138660	38.94	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	10.13	172	282413	39.85	ng	0.00
78) Terphenyl-d14	14.80	244	286624	26.28	ng	0.01
Target Compounds						
31) Naphthalene	8.81	128	699278	63.14	ng	Qvalue 99
37) 2-Methylnaphthalene	9.68	142	1468590	186.73	ng	# 97
57) Fluorene	11.64	166	227818	29.76	ng	# 75
70) Phenanthrene	12.84	178	623693	51.37	ng	# 95
76) Benzydine	14.49	184	1345337	156.15	ng	98

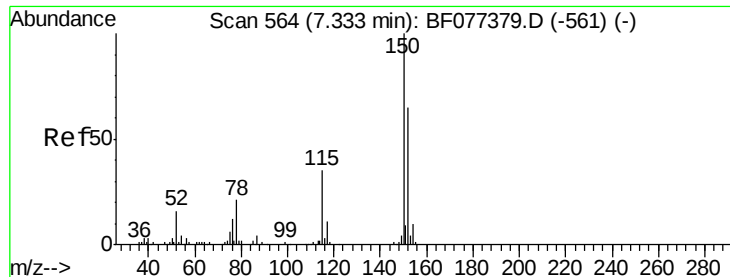
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
Data File : BF077635.D
Acq On : 6 Mar 2015 21:31
Operator : TP/IZ
Sample : G1443-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1

Quant Time: Mar 07 00:57:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 22:10:32 2015
Response via : Initial Calibration



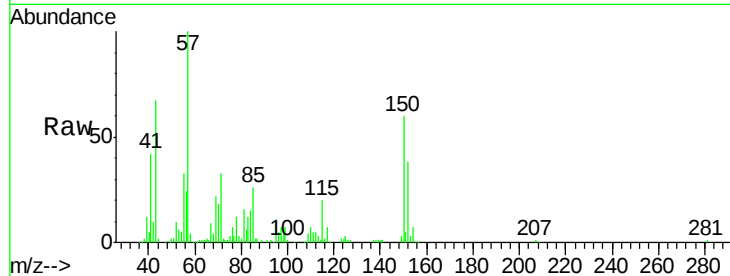


#1

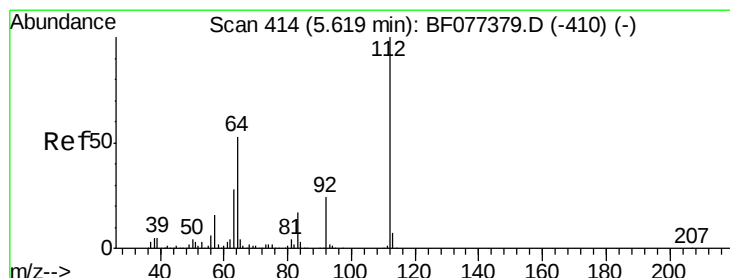
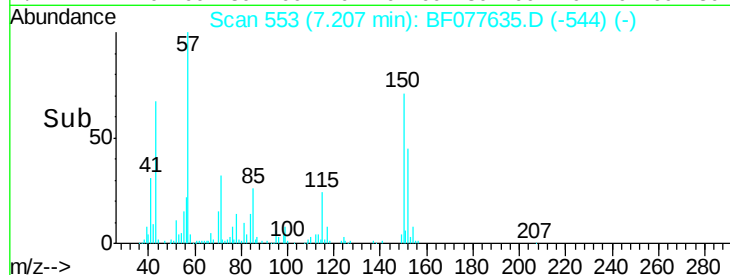
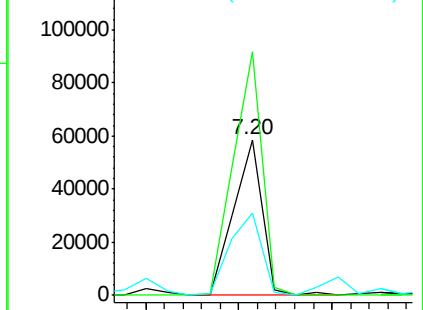
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.20 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:152 Resp: 63603
Ion Ratio Lower Upper
152 100
150 156.2 124.0 186.0
115 52.6 49.4 74.2



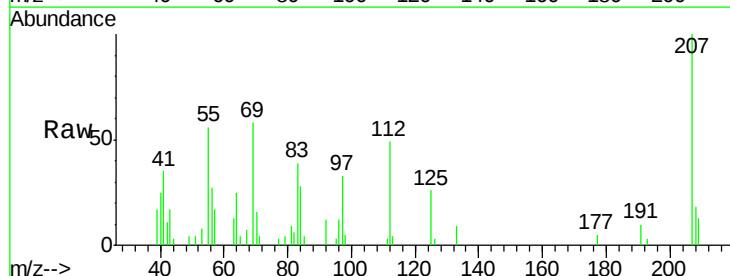
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



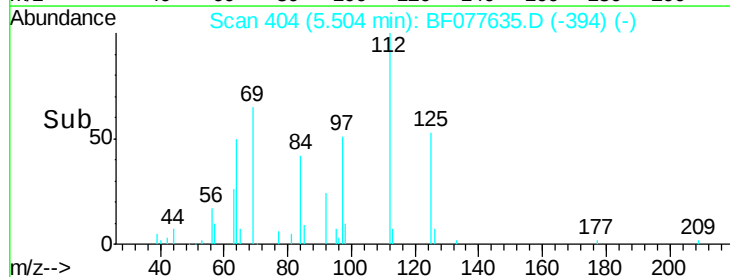
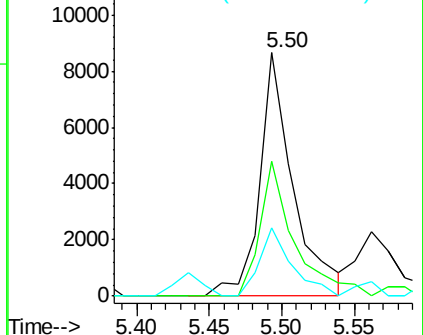
#5

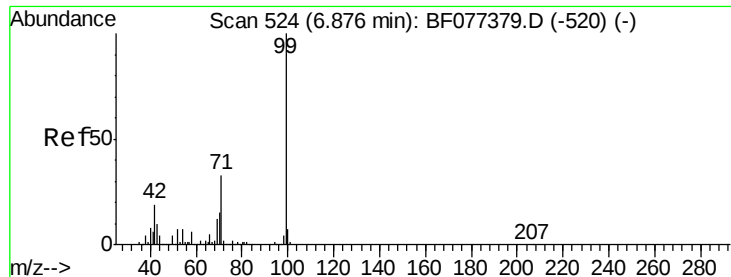
2-Fluorophenol
Concen: 3.66 ng
RT: 5.50 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

Tgt Ion:112 Resp: 13958
Ion Ratio Lower Upper
112 100
64 49.9 48.5 72.7
63 26.2 25.0 37.4



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: 11.94 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

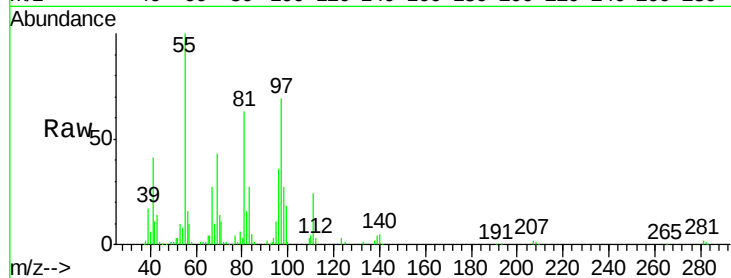
Tgt Ion: 99 Resp: 58493

Ion Ratio Lower Upper

99 100

42 59.1 16.2 24.4#

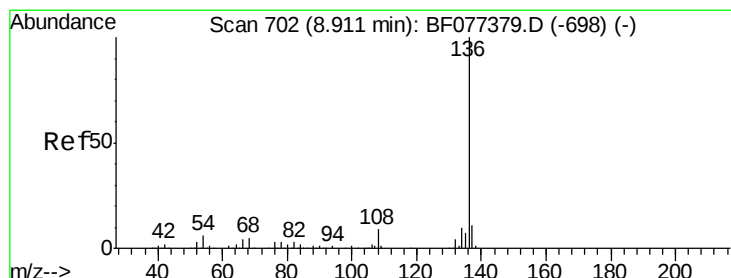
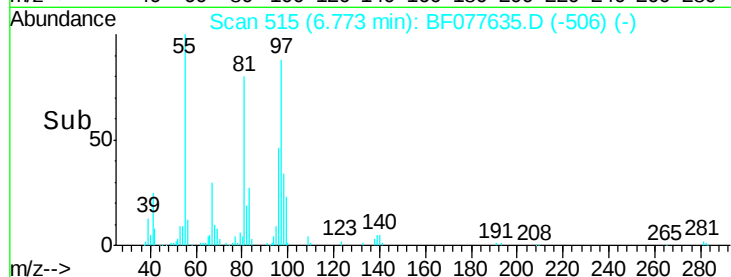
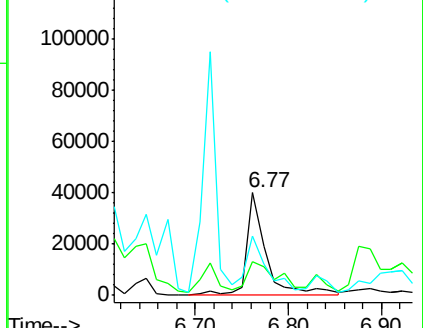
71 62.9 26.7 40.1#



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: 8.78 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Tgt Ion: 136 Resp: 221455

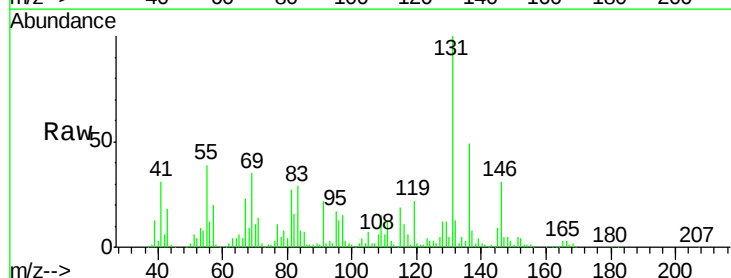
Ion Ratio Lower Upper

136 100

137 15.7 8.6 13.0#

54 16.3 6.2 9.4#

68 17.7 5.0 7.6#

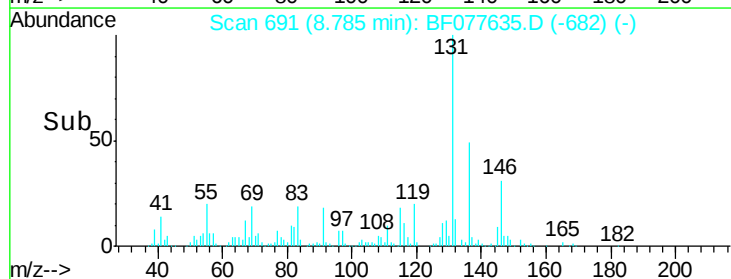
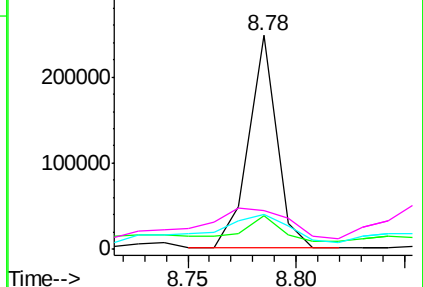


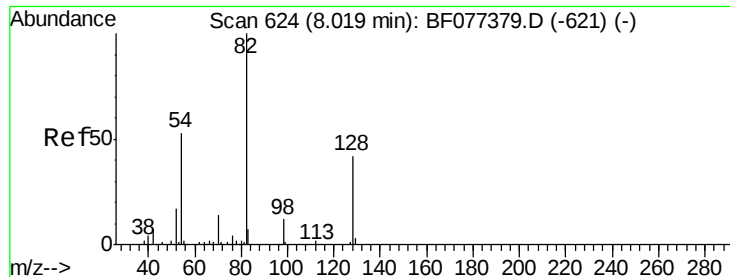
Abundance Ion 136.00 (135.70 to 136.70): E

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

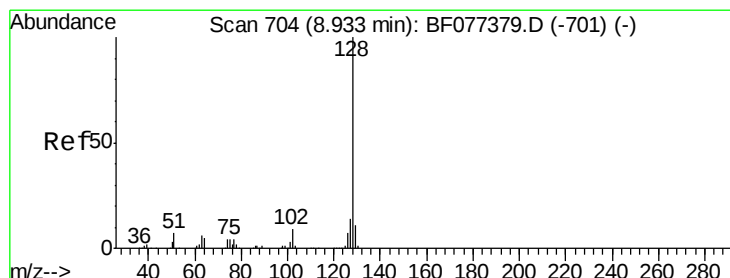
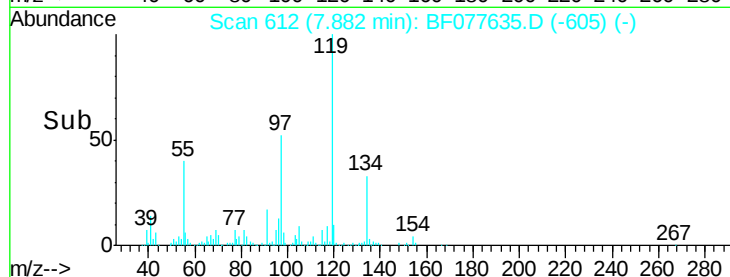
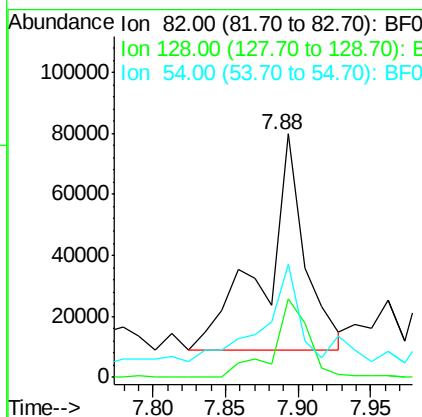
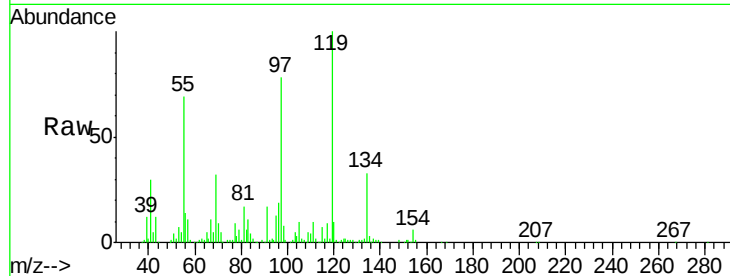




#23
 Nitrobenzene-d5
 Concen: 38.94 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

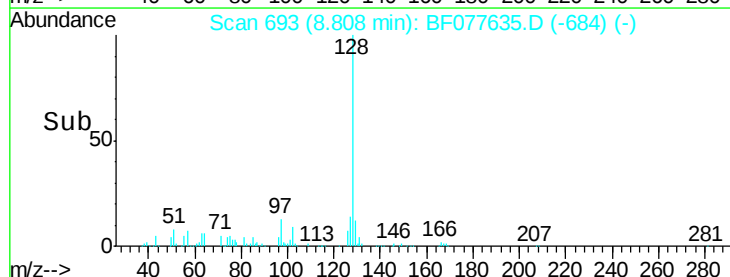
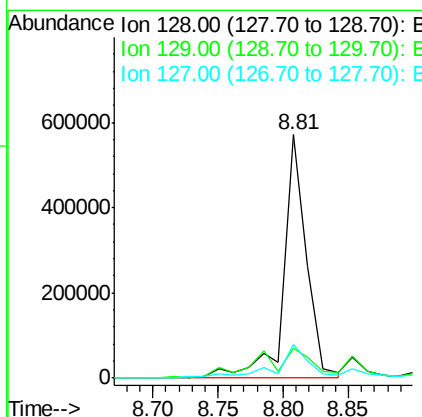
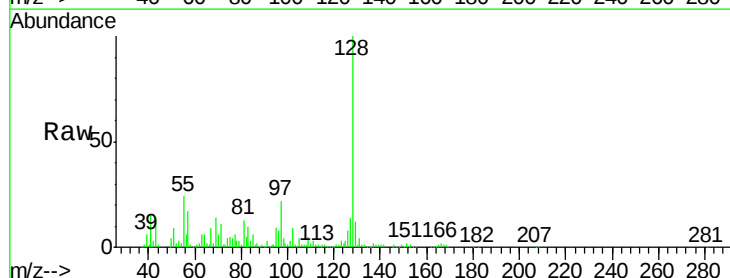
Instrument :
 BNA_F
 ClientSampleId :
 TW-1

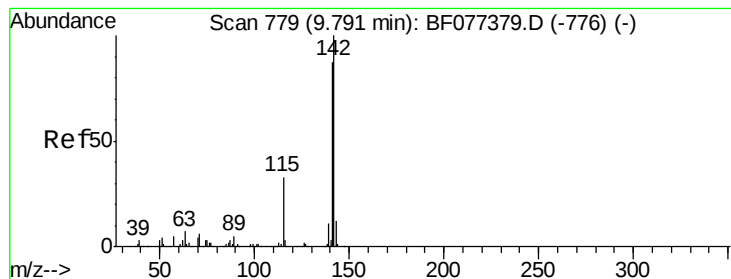
Tgt Ion: 82 Resp: 138660
 Ion Ratio Lower Upper
 82 100
 128 17.7 43.8 65.8#
 54 77.1 36.7 55.1#



#31
 Naphthalene
 Concen: 63.14 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Tgt Ion: 128 Resp: 699278
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.4 14.0
 127 13.9 10.6 15.8

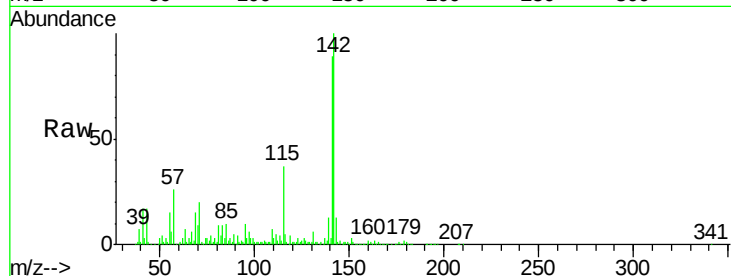




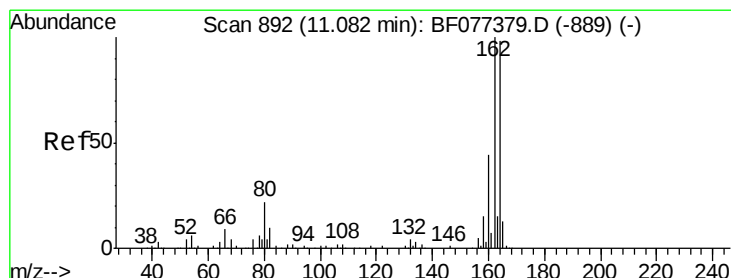
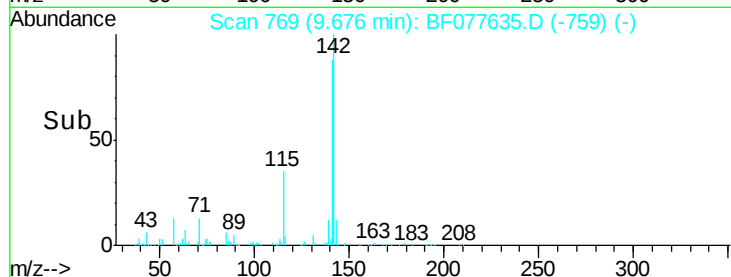
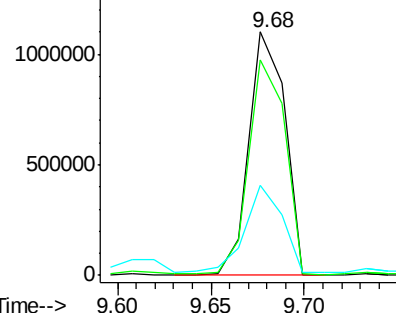
#37
 2-Methylnaphthalene
 Concen: 186.73 ng
 RT: 9.68 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Instrument :
 BNA_F
 ClientSampled :
 TW-1

Tgt Ion:142 Resp: 1468590
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.7 106.1
 115 37.0 24.2 36.4#

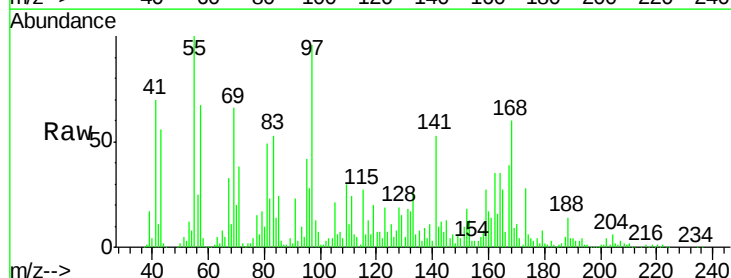


Abundance Ion 142.00 (141.70 to 142.70): E
 1500000 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

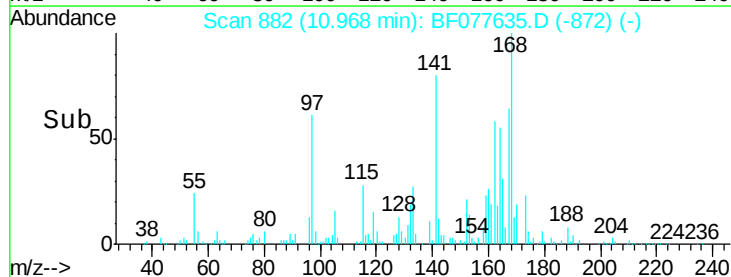
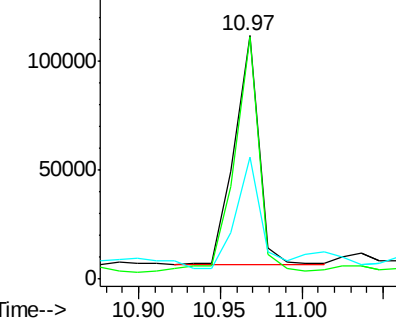


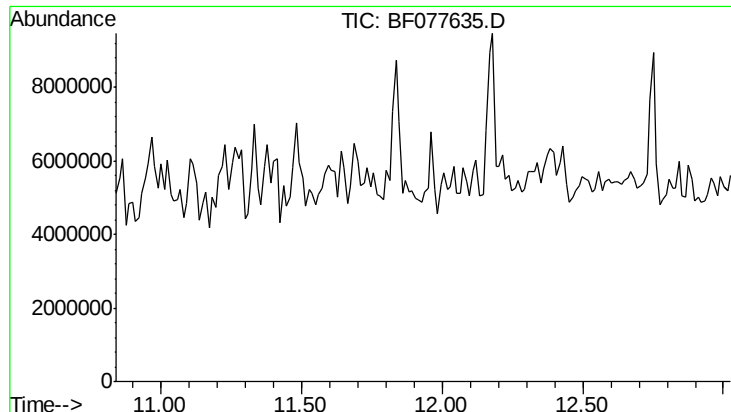
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Tgt Ion:164 Resp: 110490
 Ion Ratio Lower Upper
 164 100
 162 99.6 83.2 124.8
 160 50.3 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E
 150000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



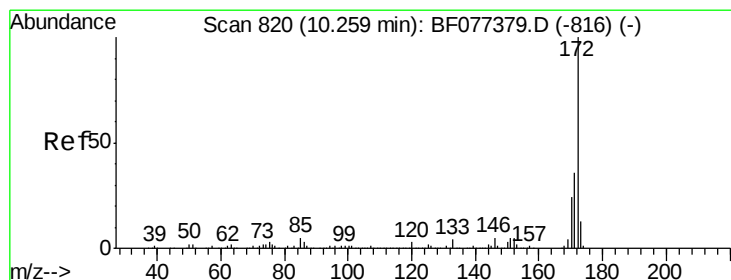
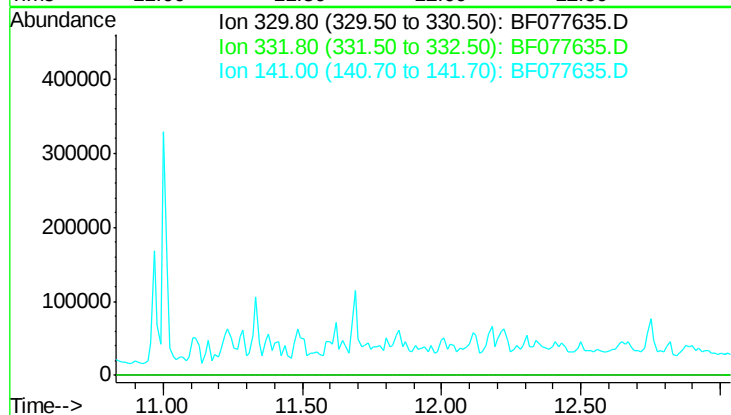


#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.93 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tgt Ion: 330

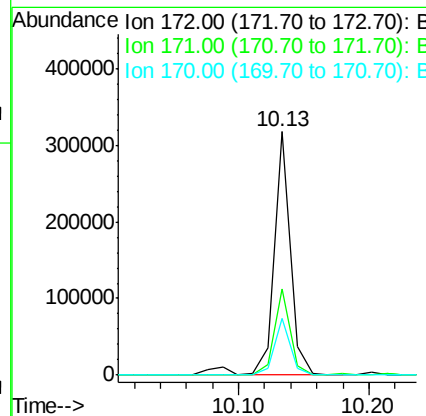
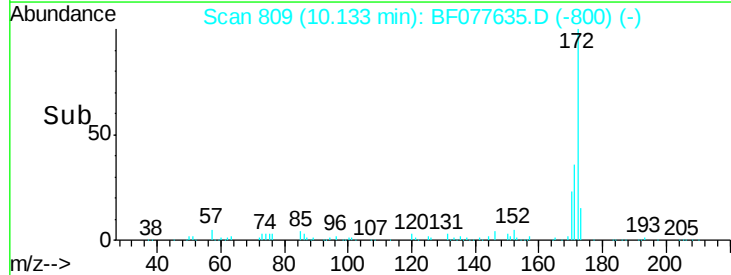
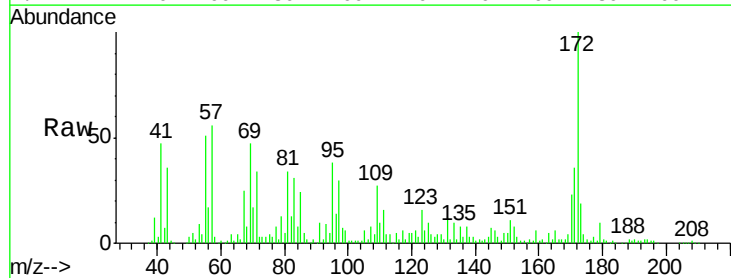
Sig	Exp Ratio
330	100
332	96.8
141	36.0

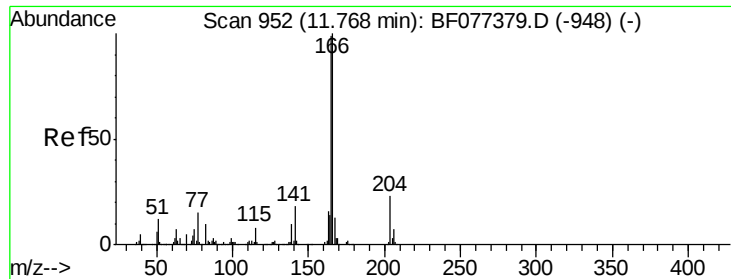


#44
 2-Fluorobiphenyl
 Concen: 39.85 ng
 RT: 10.13 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Tgt Ion: 172 Resp: 282413

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.3	19.4	29.2

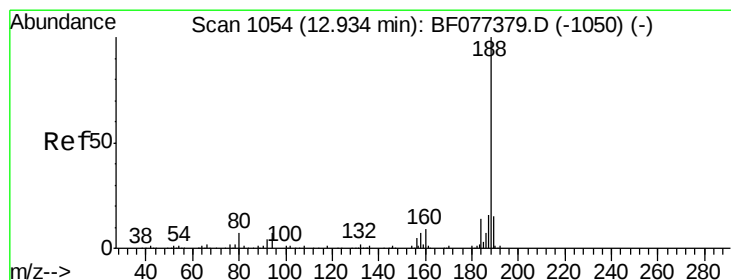
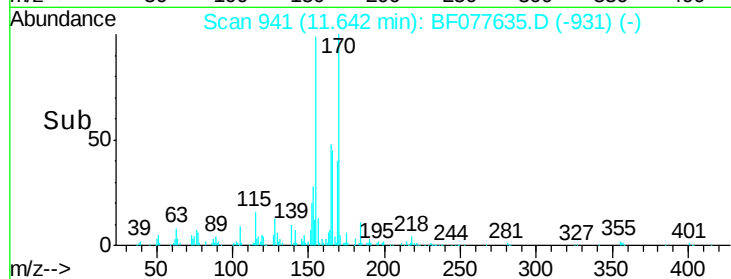
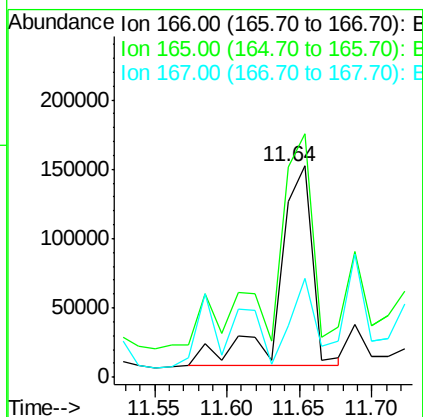
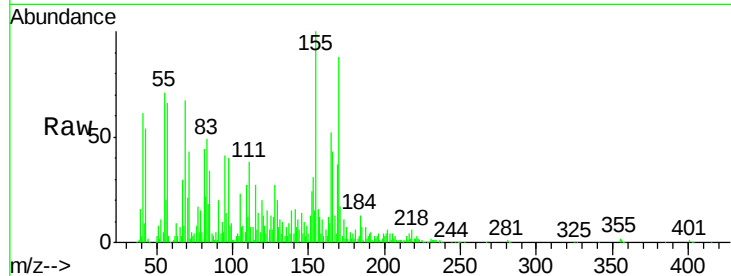




#57
Fluorene
 Concen: 29.76 ng
 RT: 11.64 min Scan# 941
 Delta R.T. 0.01 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

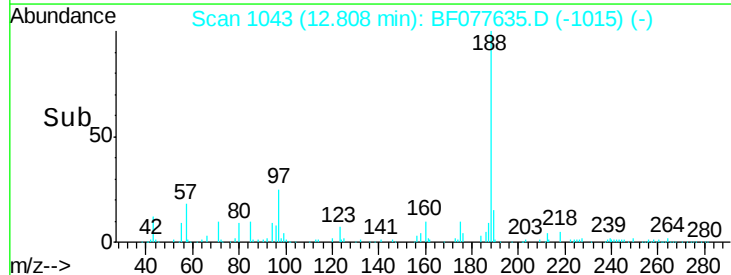
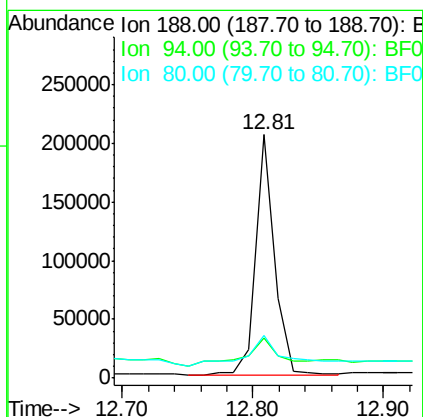
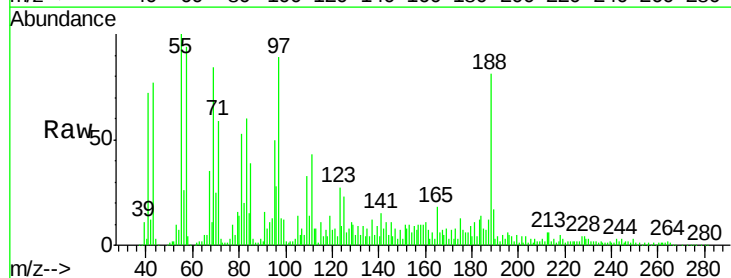
Instrument :
 BNA_F
 ClientSampleId :
 TW-1

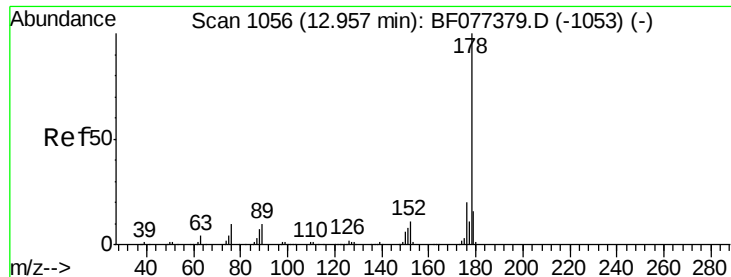
Tgt Ion:166 Resp: 227818
 Ion Ratio Lower Upper
 166 100
 165 119.7 77.6 116.4#
 167 29.5 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Tgt Ion:188 Resp: 209457
 Ion Ratio Lower Upper
 188 100
 94 16.4 7.4 11.2#
 80 17.4 8.0 12.0#

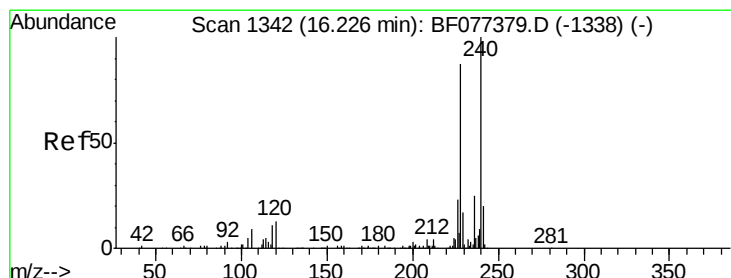
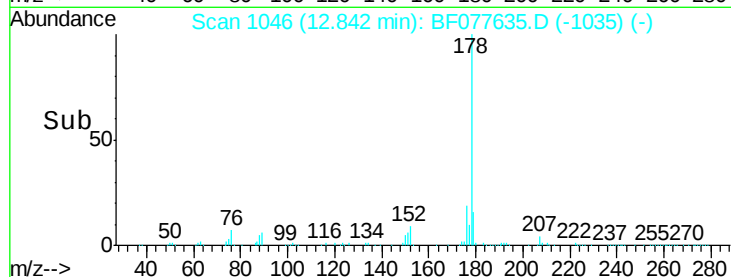
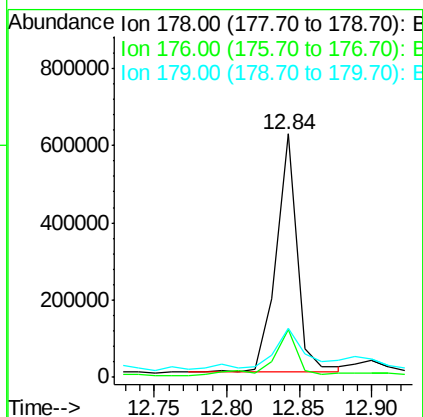
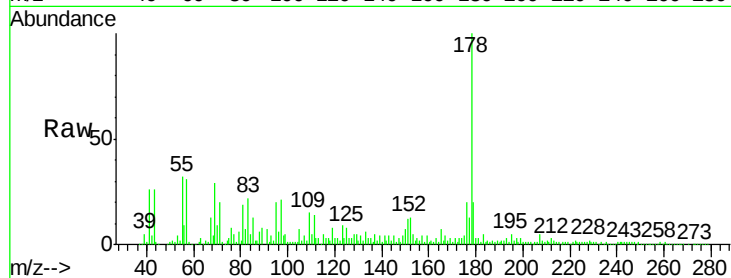




#70
Phenanthrene
Concen: 51.37 ng
RT: 12.84 min Scan# 1046
Delta R.T. 0.02 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

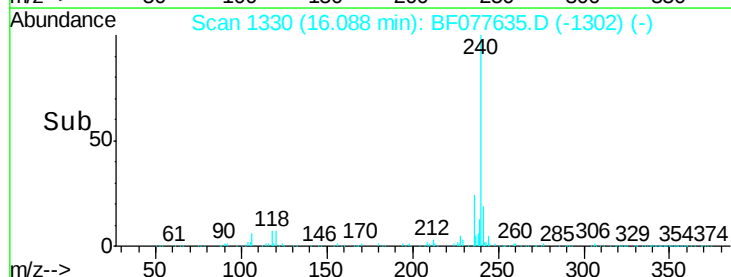
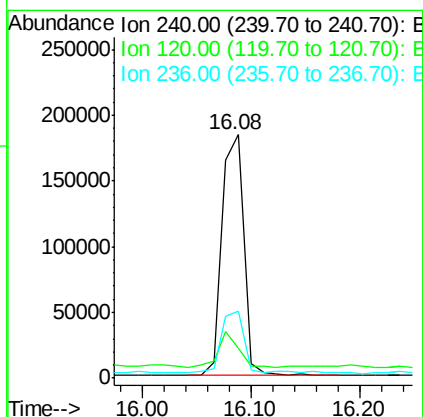
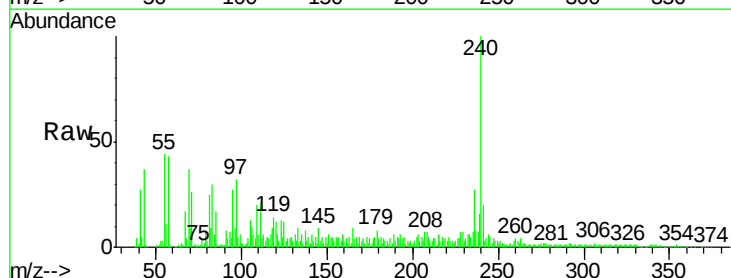
Instrument :
BNA_F
ClientSampleId :
TW-1

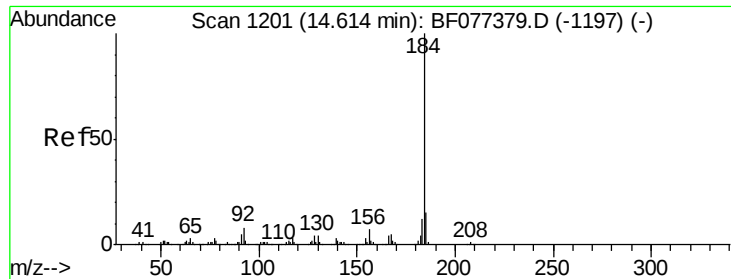
Tgt Ion:178 Resp: 623693
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 20.0 12.2 18.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

Tgt Ion:240 Resp: 255014
Ion Ratio Lower Upper
240 100
120 12.3 8.8 13.2
236 27.4 20.7 31.1

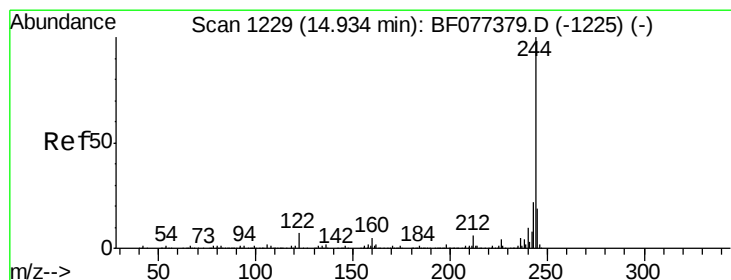
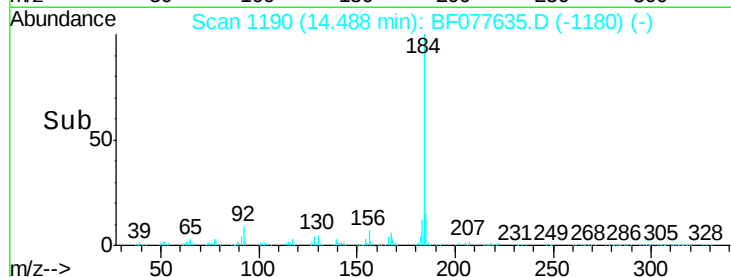
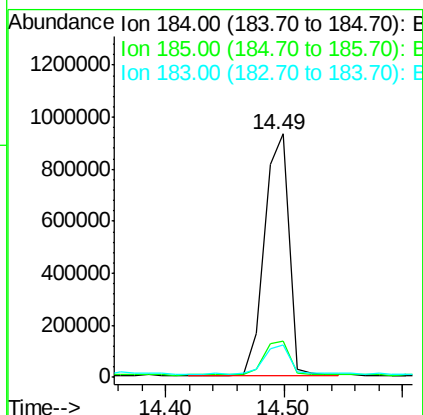
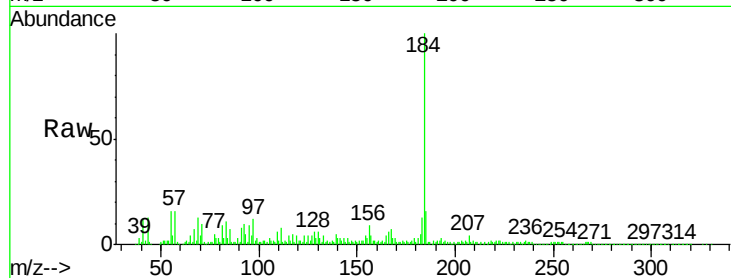




#76
Benzidine
Concen: 156.15 ng
RT: 14.49 min Scan# 1190
Delta R.T. 0.02 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

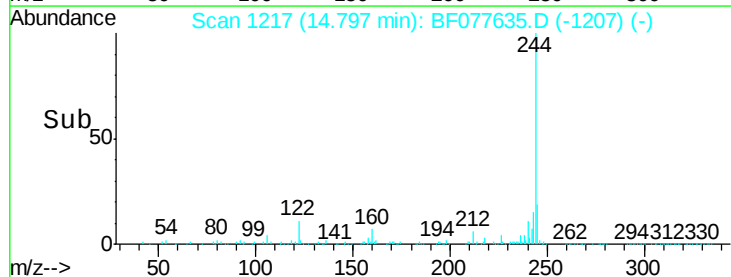
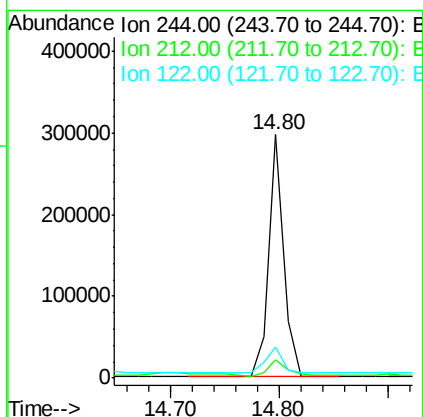
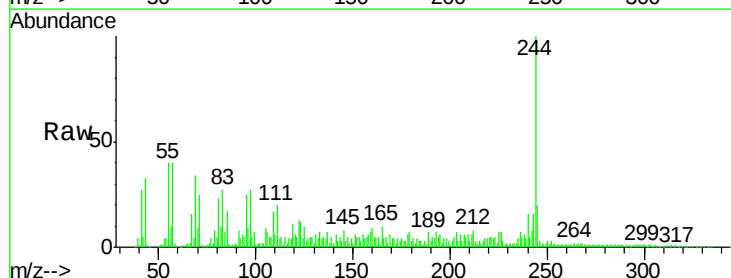
Instrument :
BNA_F
ClientSampleId :
TW-1

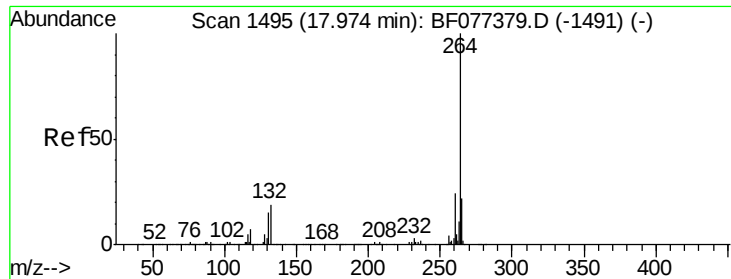
Tgt Ion:184 Resp: 1345337
Ion Ratio Lower Upper
184 100
185 15.8 12.6 18.8
183 13.3 9.3 13.9



#78
Terphenyl-d14
Concen: 26.28 ng
RT: 14.80 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

Tgt Ion:244 Resp: 286624
Ion Ratio Lower Upper
244 100
212 7.8 5.2 7.8
122 13.0 7.8 11.8#

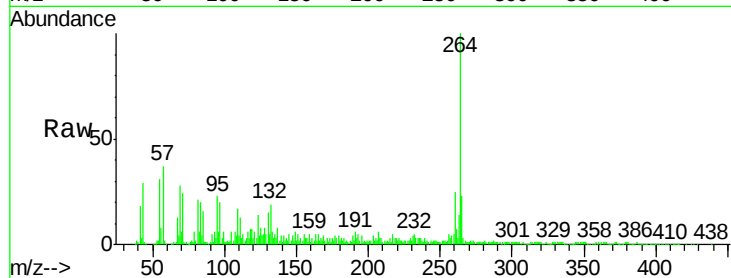




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. 0.05 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	23.4	16.8	25.2



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

