

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077644.D
 Acq On : 9 Mar 2015 18:06
 Operator : TP/IZ
 Sample : PB82012BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82012BL

Quant Time: Mar 10 01:03:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 00:35:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	62287	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	244773	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	120285	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	233067	20.00	ng	0.00
75) Chrysene-d12	16.06	240	251131	20.00	ng	0.00
86) Perylene-d12	17.79	264	249614	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	420534	112.71	ng	0.00
7) Phenol-d6	6.76	99	509532	106.22	ng	0.00
23) Nitrobenzene-d5	7.88	82	292766	74.38	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	125758	108.58	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	613139	79.48	ng	0.00
78) Terphenyl-d14	14.77	244	764567	71.17	ng	0.00

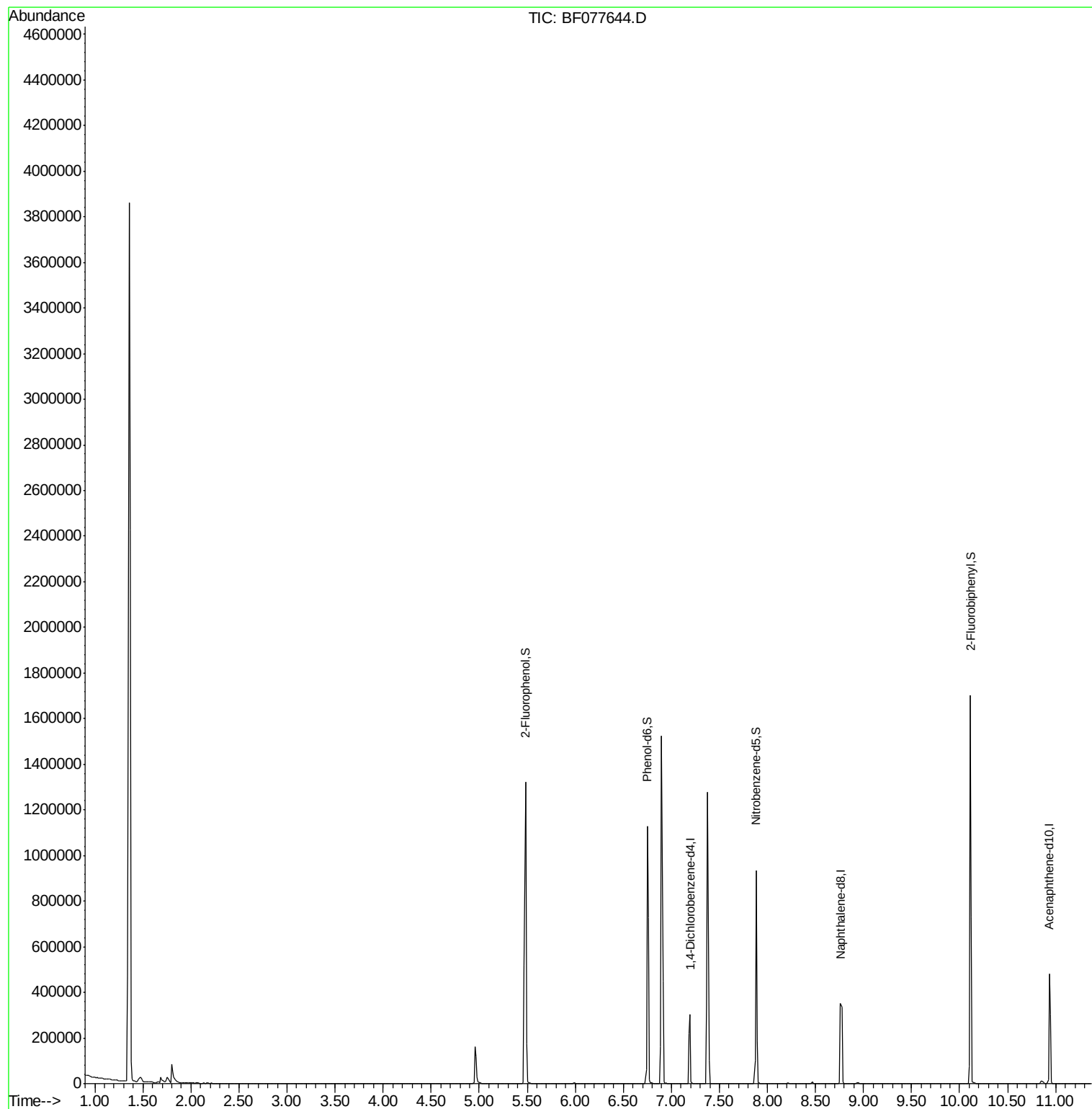
Target Compounds Qvalue

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

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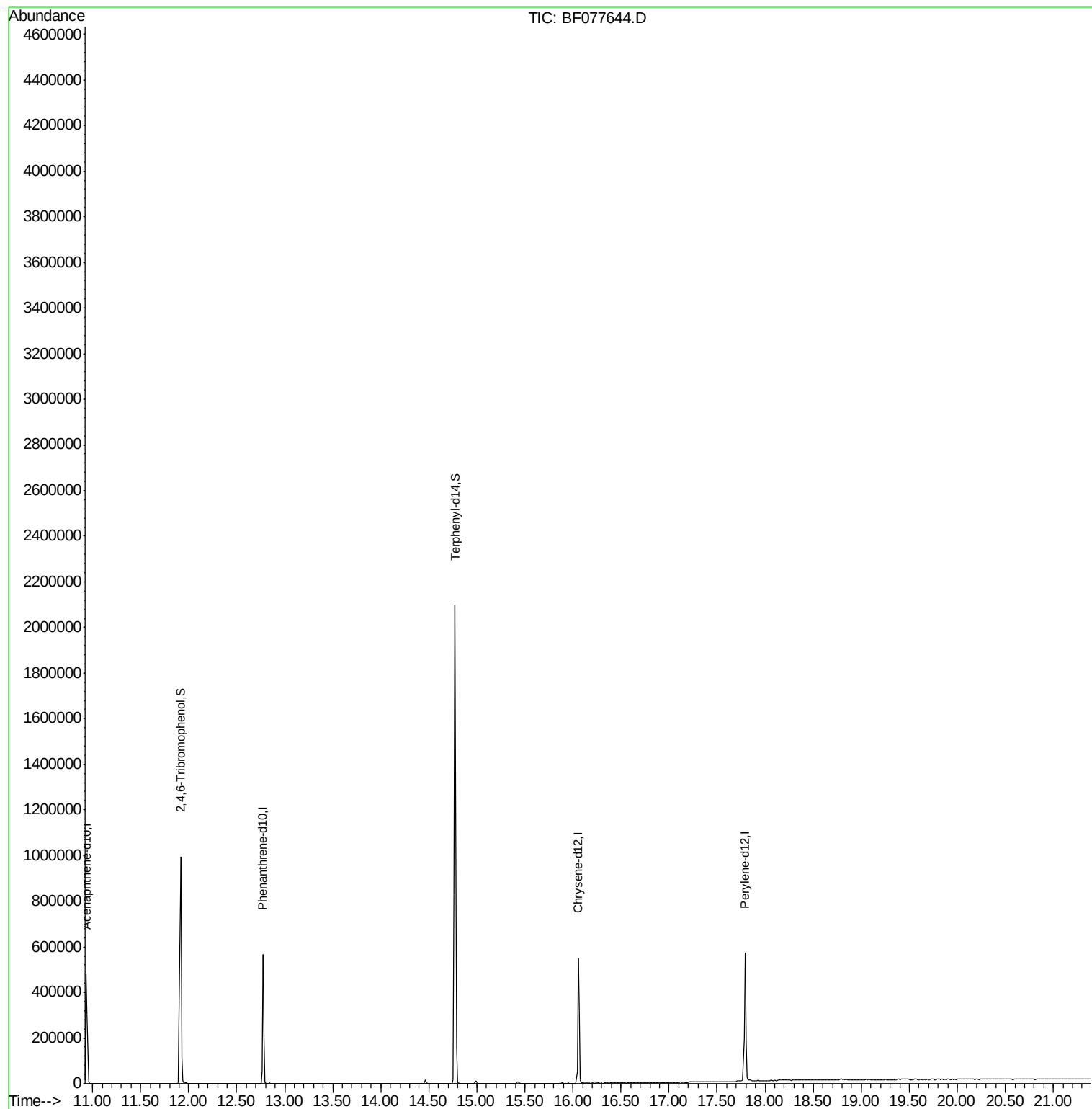
Quant Time: Mar 10 01:03:08 2015
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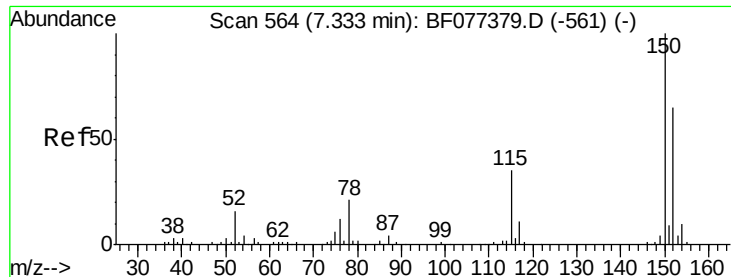


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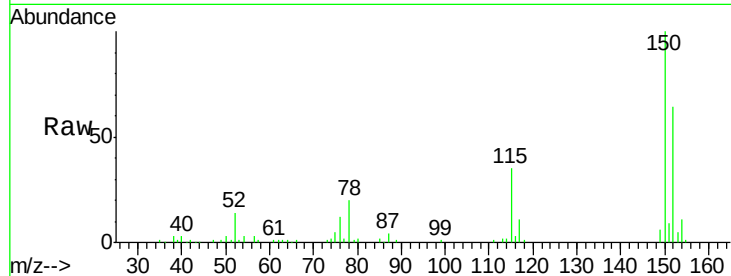


#1

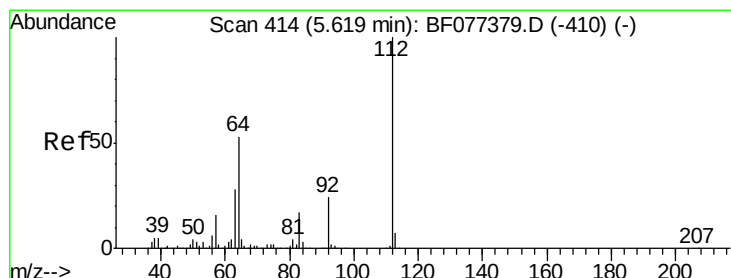
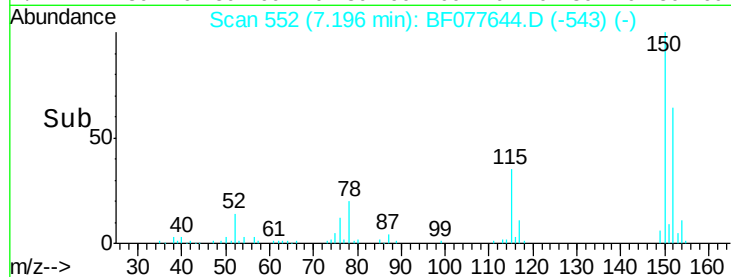
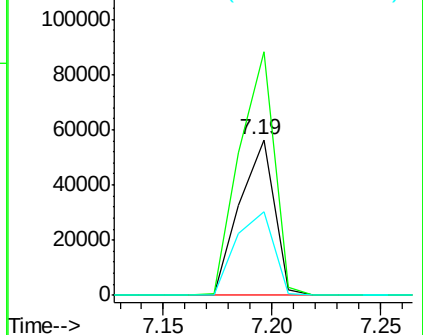
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.19 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF077644.D
Acq: 9 Mar 2015 18:06

Instrument :
BNA_F
ClientSampleId :
PB82012BL

Tot Ion:152 Resp: 62287
Ion Ratio Lower Upper
152 100
150 156.1 124.0 186.0
115 53.9 49.4 74.2



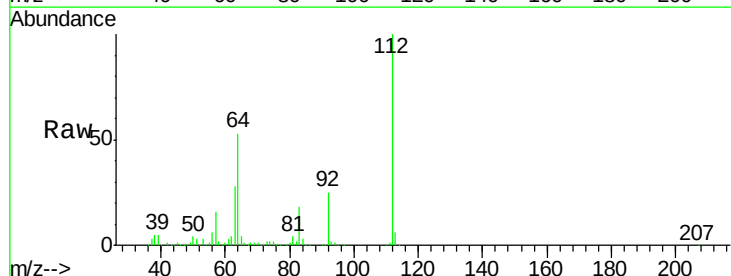
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



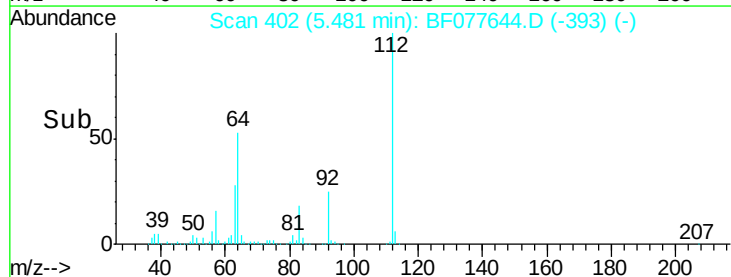
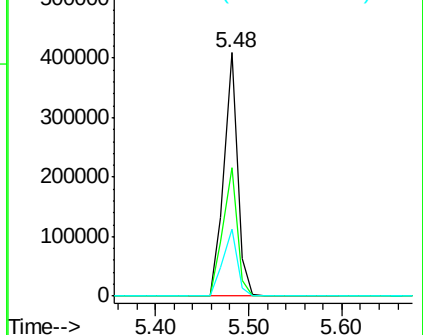
#5

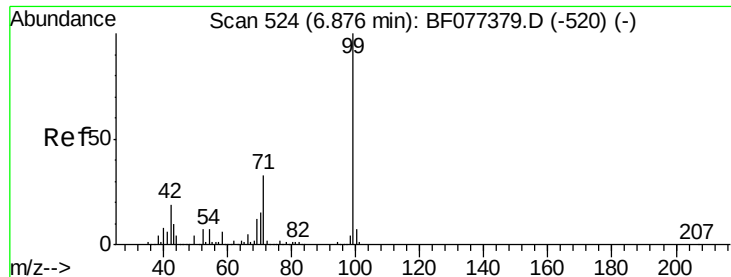
2-Fluorophenol
Concen: 112.71 ng
RT: 5.48 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF077644.D
Acq: 9 Mar 2015 18:06

Tgt Ion:112 Resp: 420534
Ion Ratio Lower Upper
112 100
64 52.8 48.5 72.7
63 27.7 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: 106.22 ng

RT: 6.76 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077644.D

Acq: 9 Mar 2015 18:06

Instrument :

BNA_F

ClientSampleId :

PB82012BL

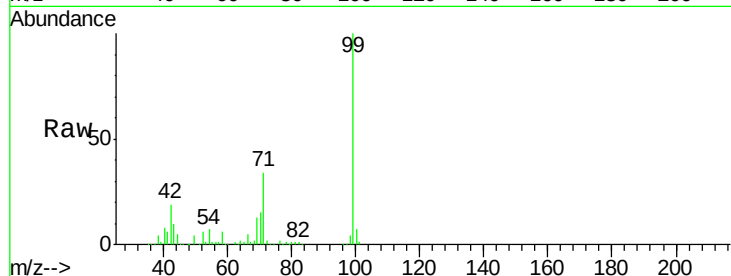
Tot Ion: 99 Resp: 509532

Ion Ratio Lower Upper

99 100

42 19.5 16.2 24.4

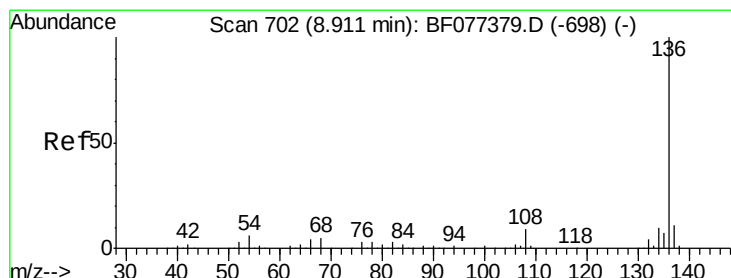
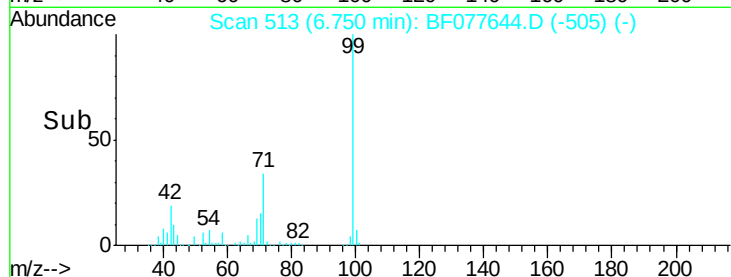
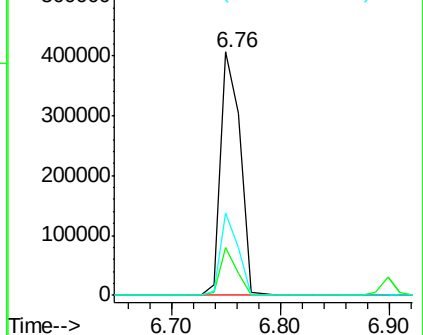
71 33.6 26.7 40.1



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: 8.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077644.D

Acq: 9 Mar 2015 18:06

Tgt Ion: 136 Resp: 244773

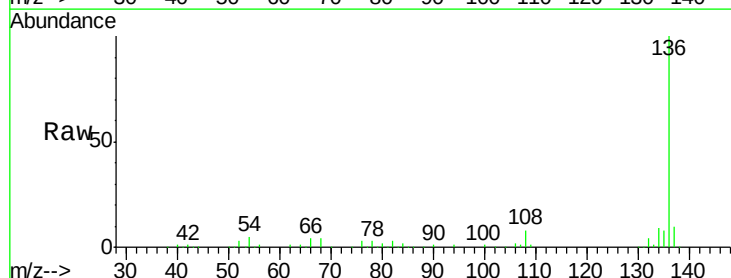
Ion Ratio Lower Upper

136 100

137 9.9 8.6 13.0

54 5.2 6.2 9.4#

68 4.1 5.0 7.6#

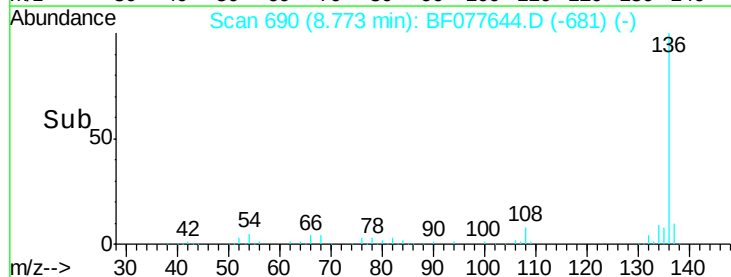
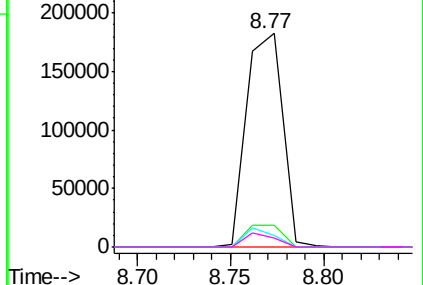


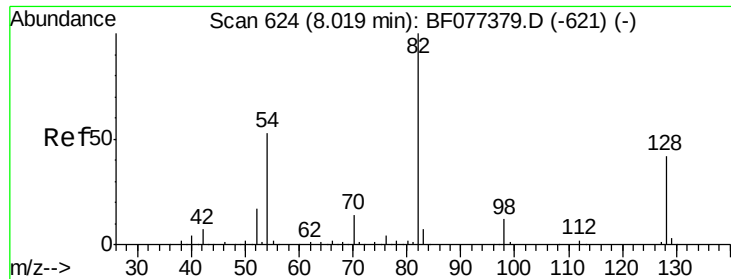
Abundance Ion 136.00 (135.70 to 136.70): E

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

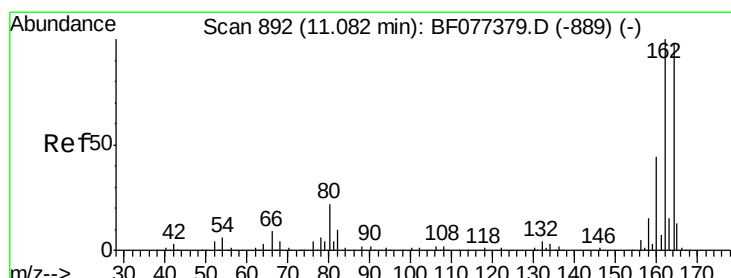
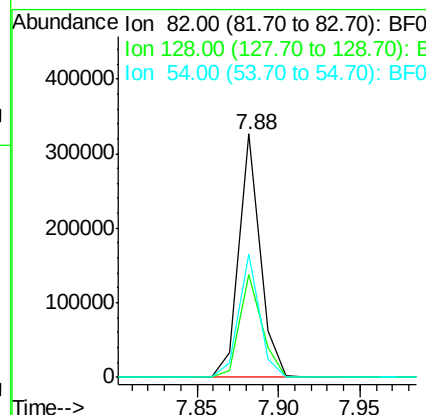
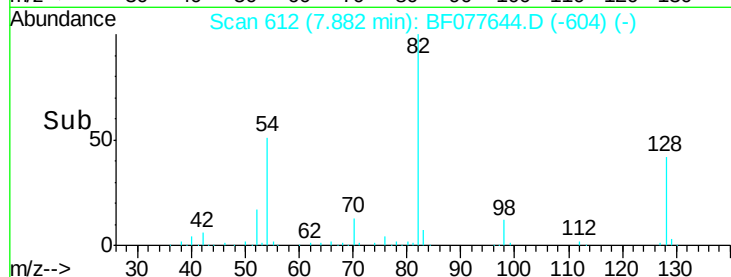
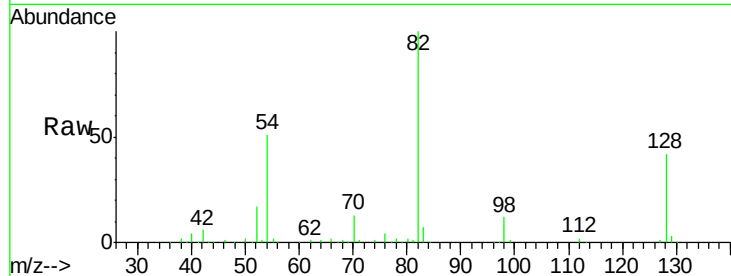




#23
Nitrobenzene-d5
Concen: 74.38 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF077644.D
Acq: 9 Mar 2015 18:06

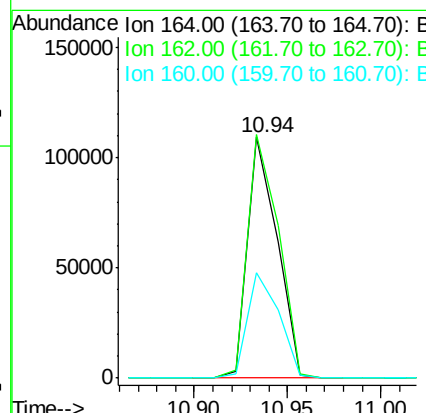
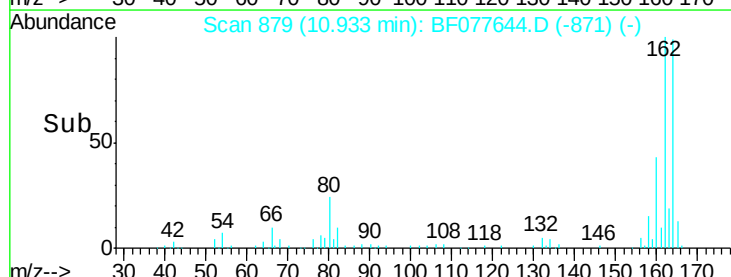
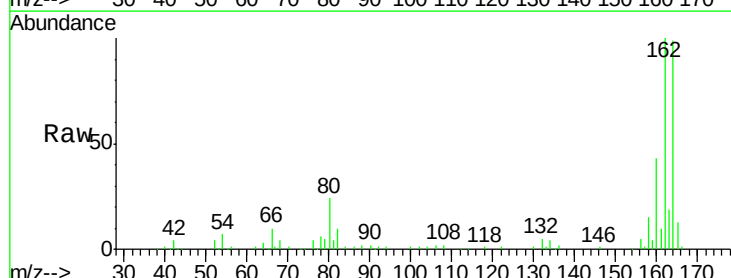
Instrument :
BNA_F
ClientSampled :
PB82012BL

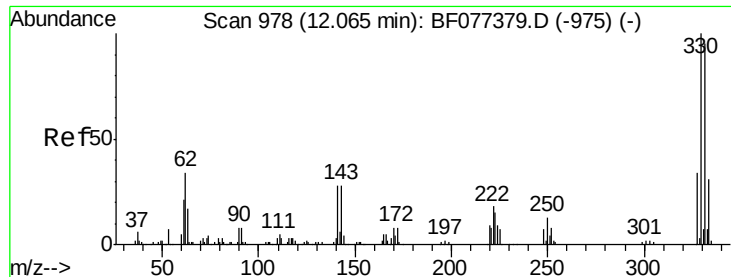
Tot Ion: 82 Resp: 292766
Ion Ratio Lower Upper
82 100
128 42.1 43.8 65.8#
54 50.7 36.7 55.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.94 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF077644.D
Acq: 9 Mar 2015 18:06

Tgt Ion:164 Resp: 120285
Ion Ratio Lower Upper
164 100
162 101.3 83.2 124.8
160 43.8 34.6 52.0

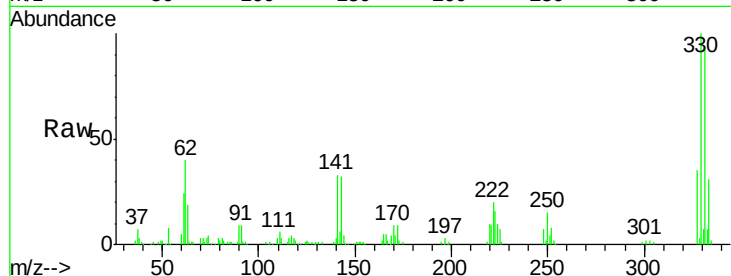




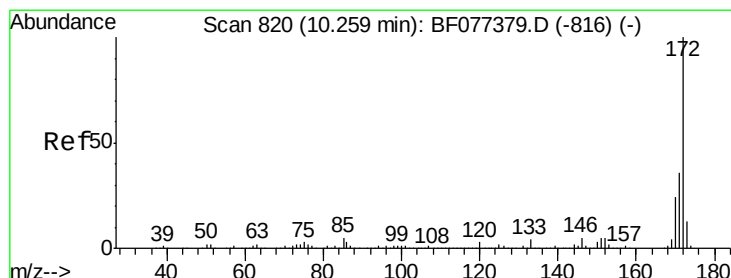
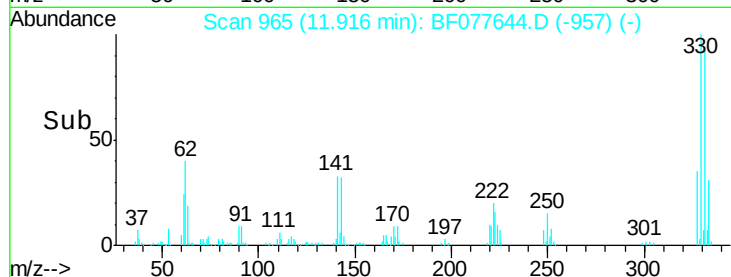
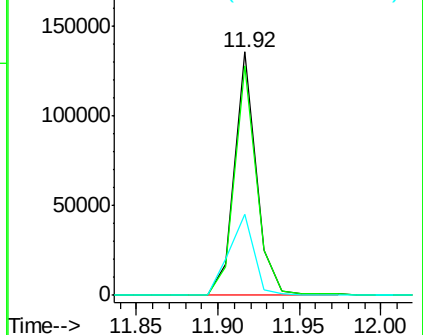
#41
 2,4,6-Tribromophenol
 Concen: 108.58 ng
 RT: 11.92 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077644.D
 Acq: 9 Mar 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB82012BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.2
141	37.9	28.8	43.2

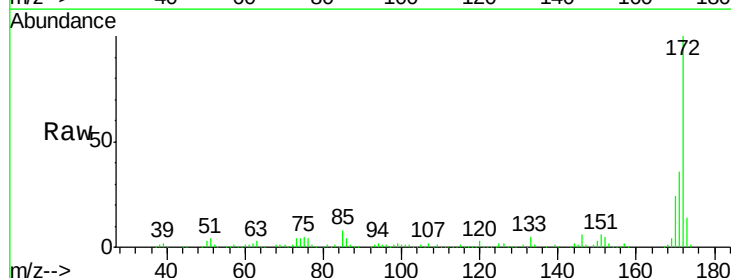


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

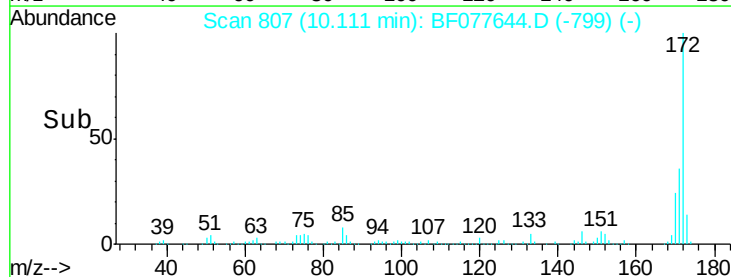
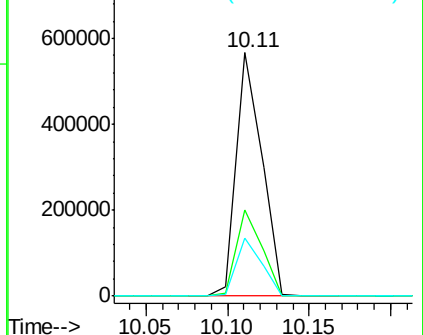


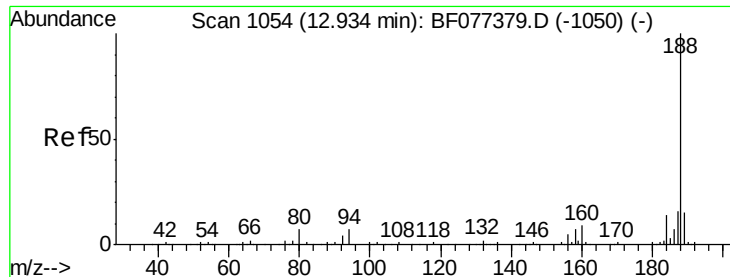
#44
 2-Fluorobiphenyl
 Concen: 79.48 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077644.D
 Acq: 9 Mar 2015 18:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.6	19.4	29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

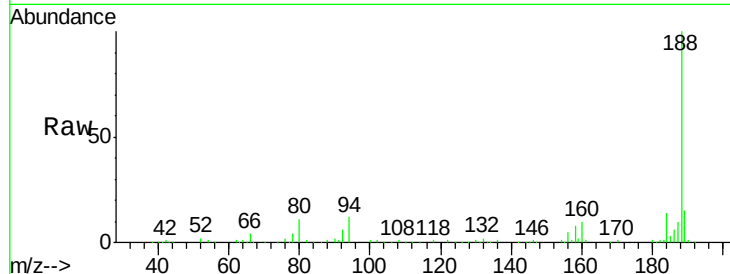




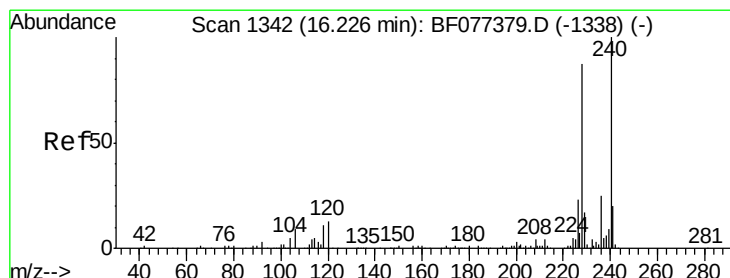
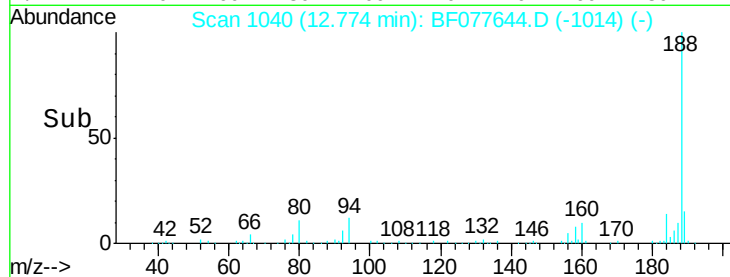
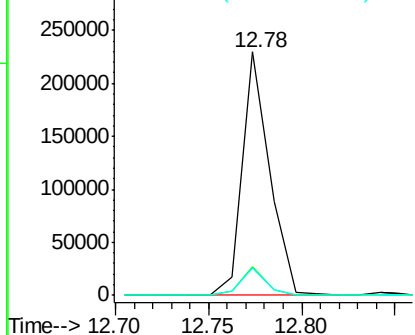
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.78 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077644.D
Acq: 9 Mar 2015 18:06

Instrument :
BNA_F
ClientSampleId :
PB82012BL

Tot Ion:188 Resp: 233067
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.2#
80 11.2 8.0 12.0

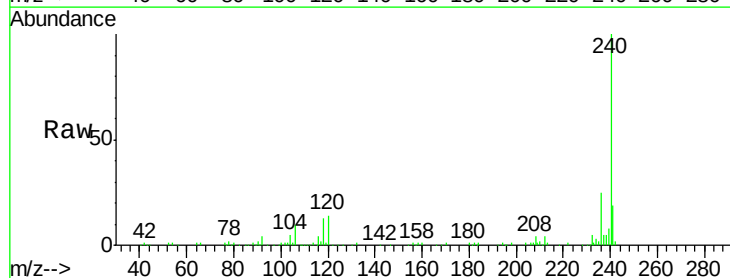


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

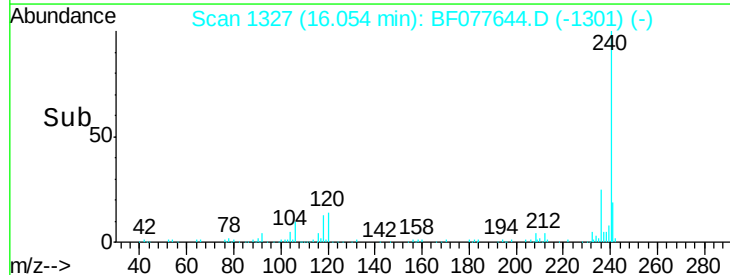
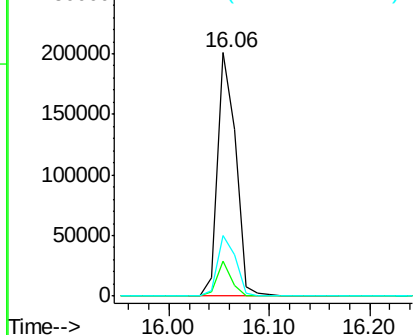


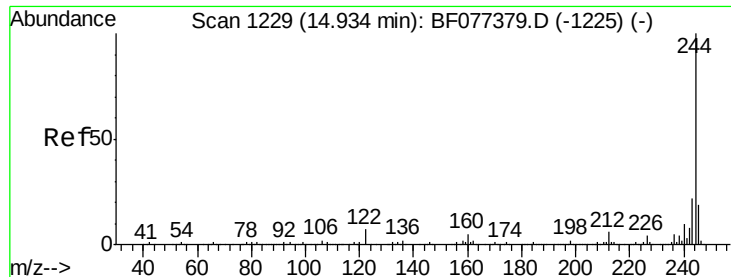
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF077644.D
Acq: 9 Mar 2015 18:06

Tgt Ion:240 Resp: 251131
Ion Ratio Lower Upper
240 100
120 14.4 8.8 13.2#
236 25.1 20.7 31.1



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

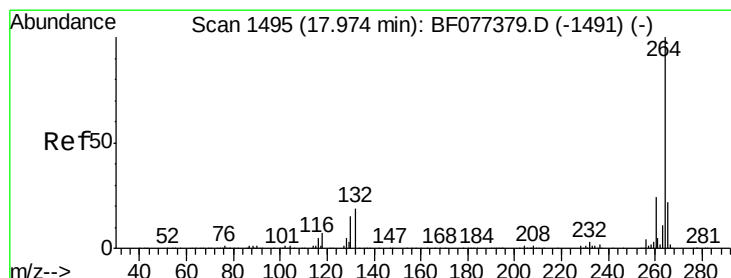
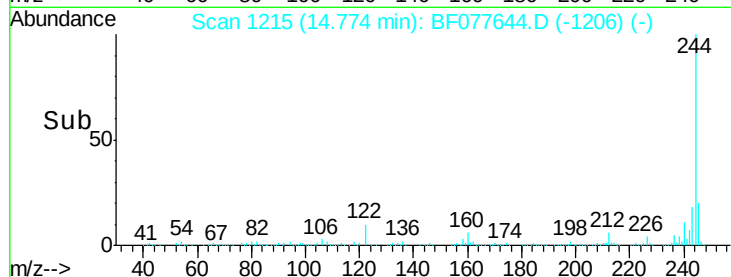
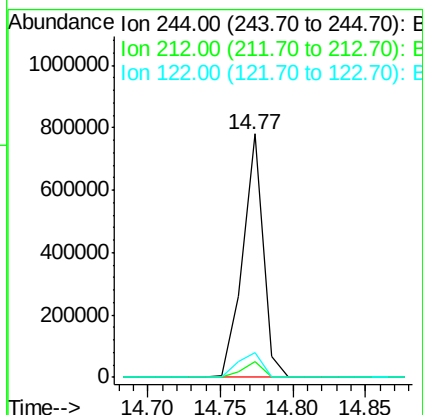
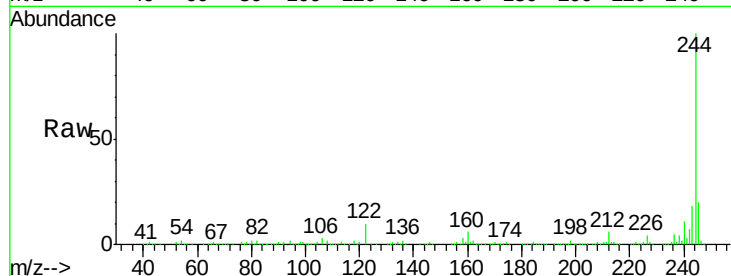




#78
 Terphenyl-d14
 Concen: 71.17 ng
 RT: 14.77 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF077644.D
 Acq: 9 Mar 2015 18:06

Instrument :
 BNA_F
 ClientSampleID :
 PB82012BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.1	7.8	11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1479
 Delta R.T. 0.06 min
 Lab File: BF077644.D
 Acq: 9 Mar 2015 18:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.4	16.8	25.2

