

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077641.D
 Acq On : 9 Mar 2015 16:40
 Operator : TP/IZ
 Sample : PB82019BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BL

Quant Time: Mar 10 01:01:19 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	57743	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	231674	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	112967	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	213052	20.00	ng	0.00
75) Chrysene-d12	16.06	240	221992	20.00	ng	0.00
86) Perylene-d12	17.76	264	231805	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	257161	74.35	ng	0.00
7) Phenol-d6	6.75	99	302662	68.06	ng	0.00
23) Nitrobenzene-d5	7.88	82	236414	63.46	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	72491	66.64	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	490035	67.64	ng	0.00
78) Terphenyl-d14	14.77	244	561314	59.11	ng	0.00

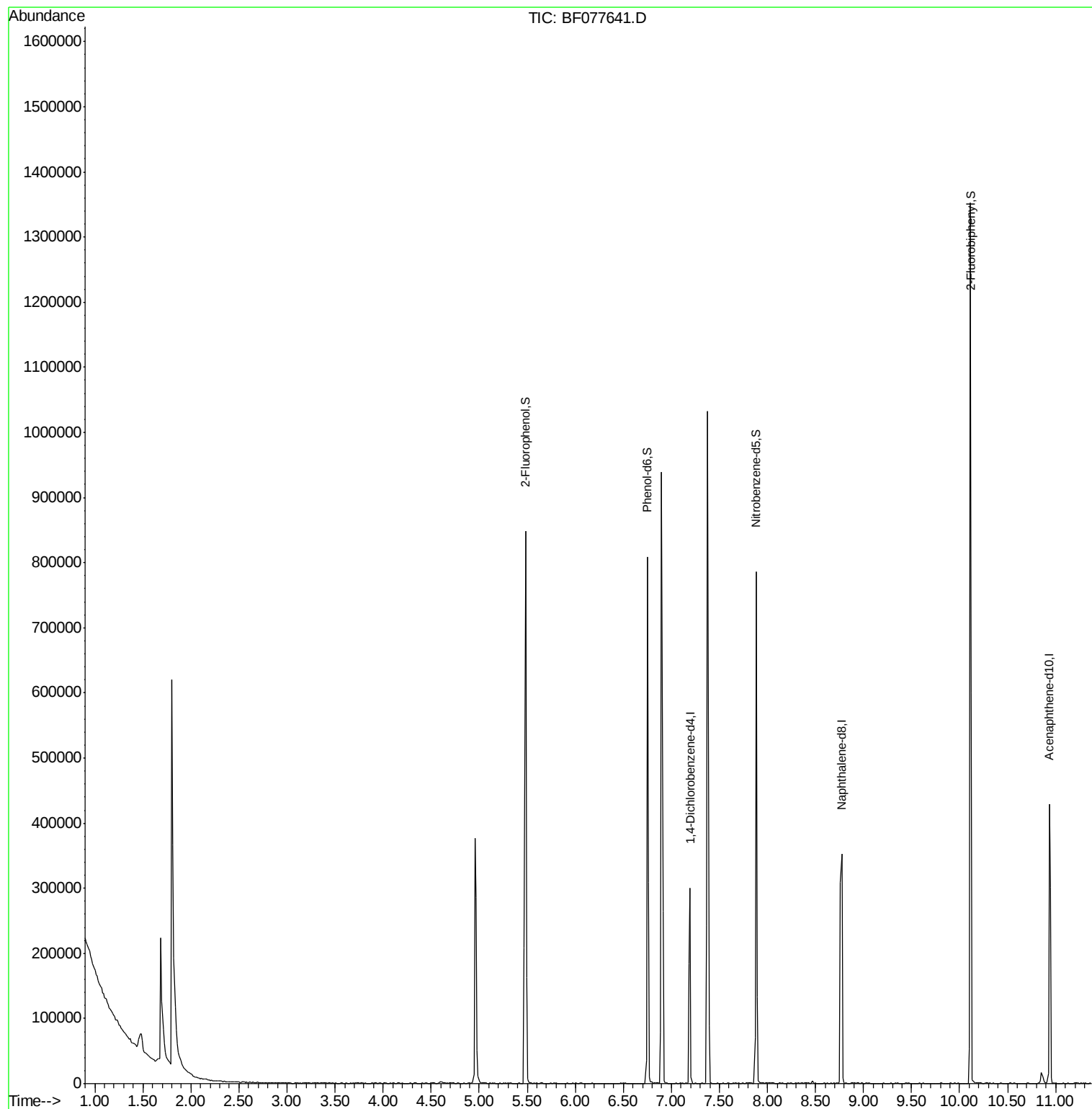
Target Compounds Qvalue

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

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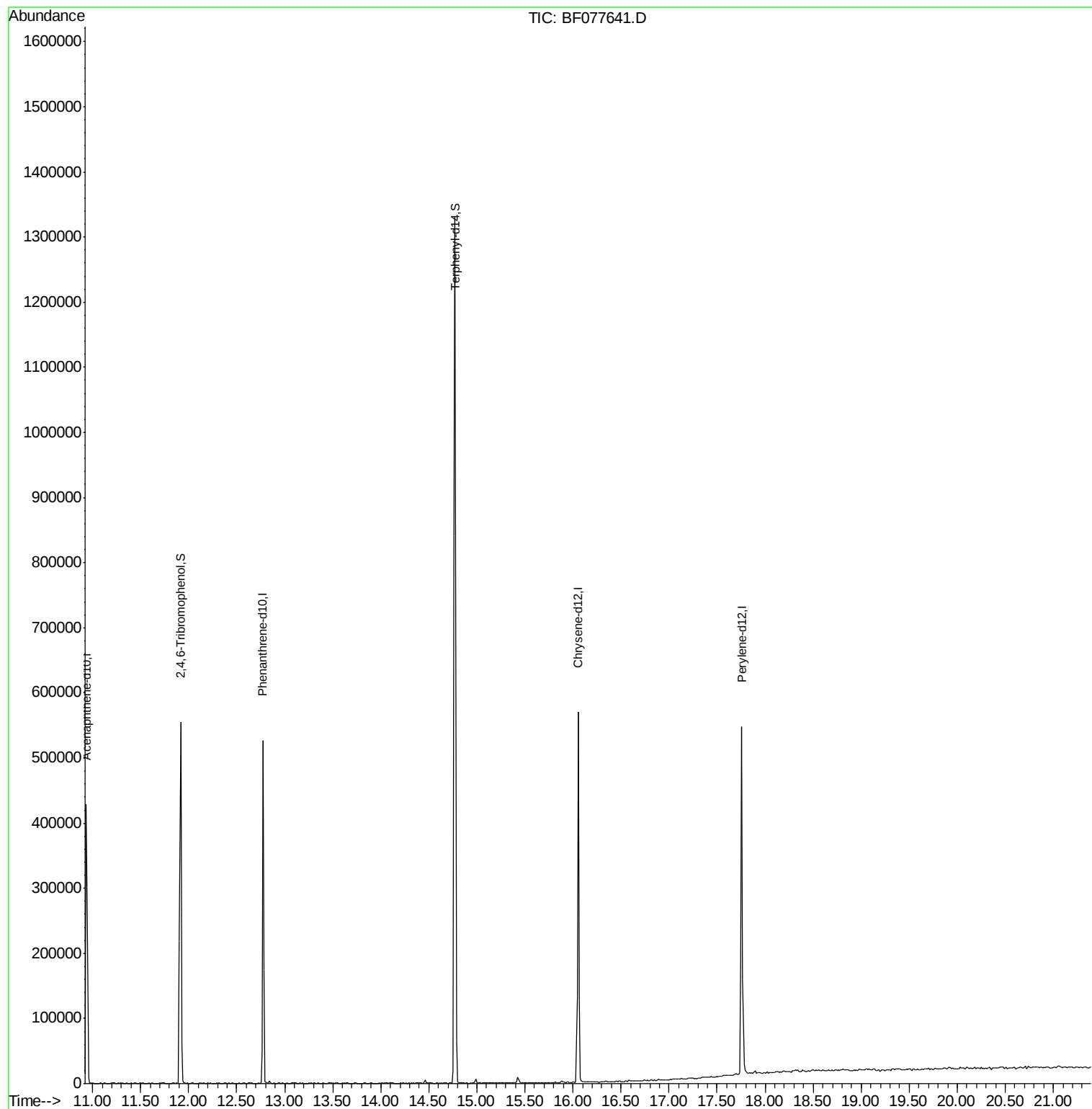
Quant Time: Mar 10 01:01:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
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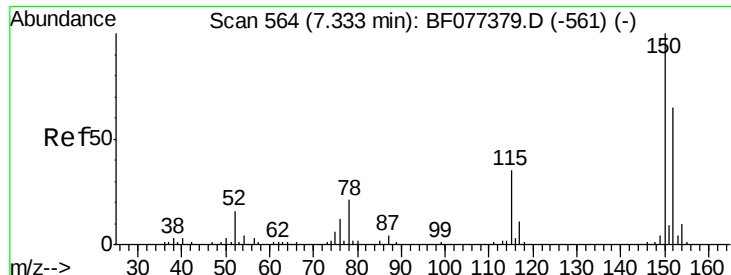


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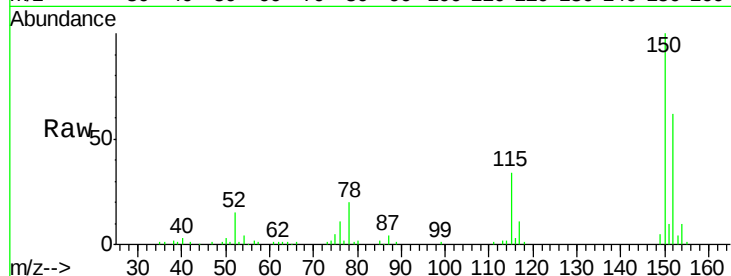


#1

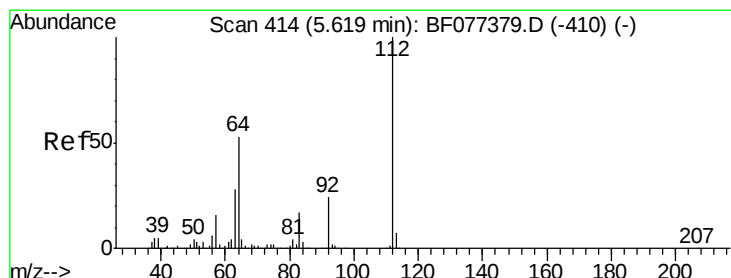
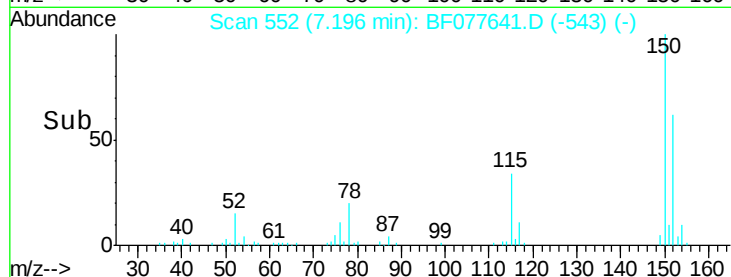
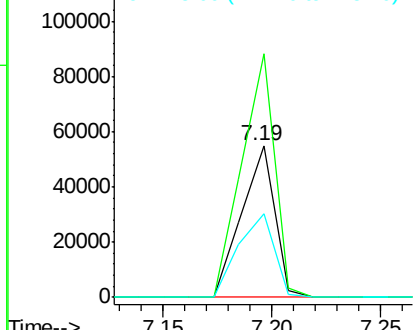
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.19 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF077641.D
Acq: 9 Mar 2015 16:40

Instrument :
BNA_F
ClientSampleId :
PB82019BL

Tot Ion:152 Resp: 57743
Ion Ratio Lower Upper
152 100
150 160.2 124.0 186.0
115 55.1 49.4 74.2



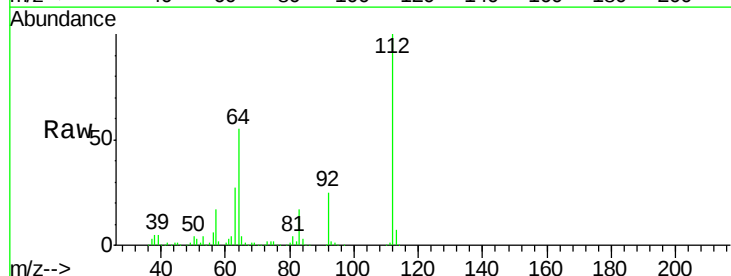
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



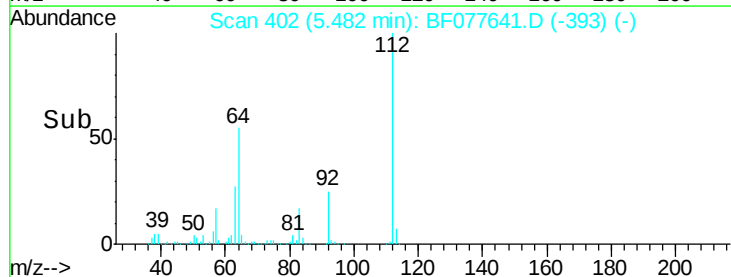
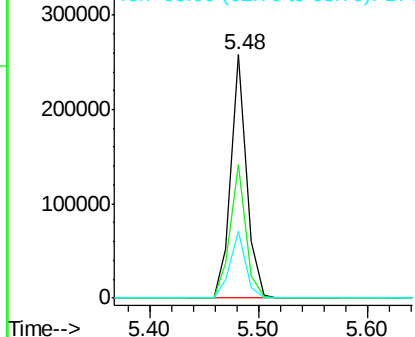
#5

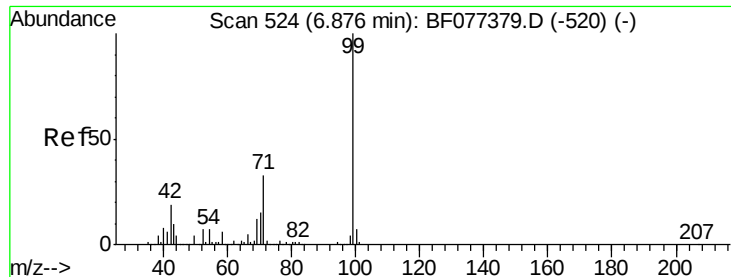
2-Fluorophenol
Concen: 74.35 ng
RT: 5.48 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF077641.D
Acq: 9 Mar 2015 16:40

Tgt Ion:112 Resp: 257161
Ion Ratio Lower Upper
112 100
64 54.9 48.5 72.7
63 27.3 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: 68.06 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF077641.D

Acq: 9 Mar 2015 16:40

Instrument :

BNA_F

ClientSampleId :

PB82019BL

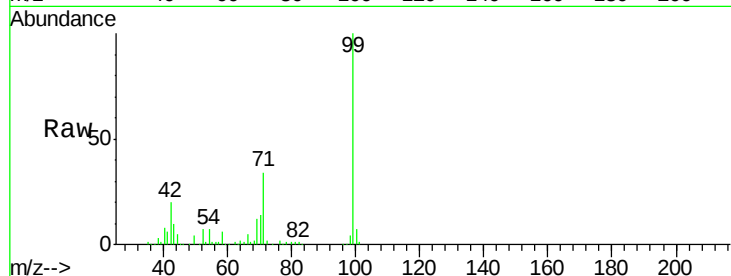
Tot Ion: 99 Resp: 302662

Ion Ratio Lower Upper

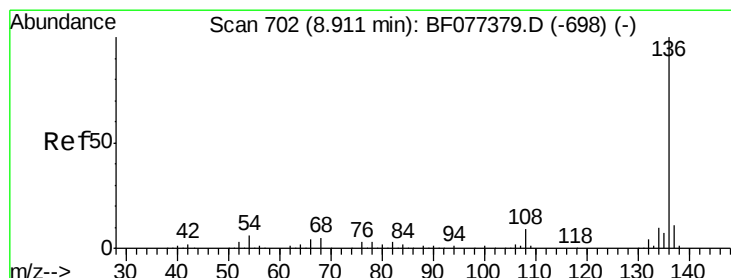
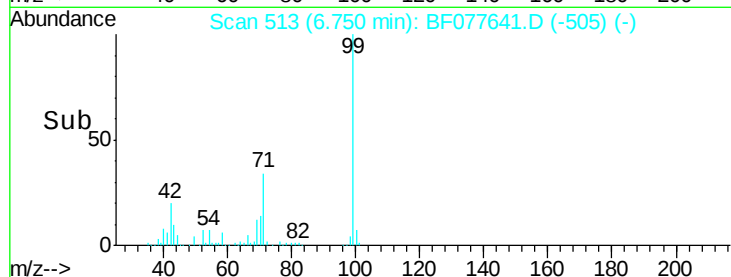
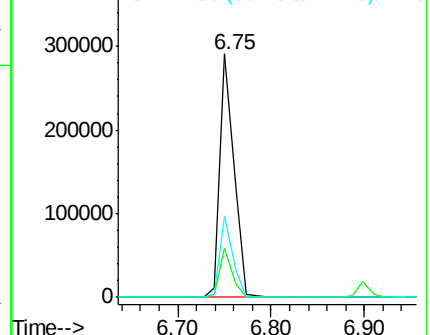
99 100

42 20.1 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: BF077641.D

Acq: 9 Mar 2015 16:40

Tgt Ion: 136 Resp: 231674

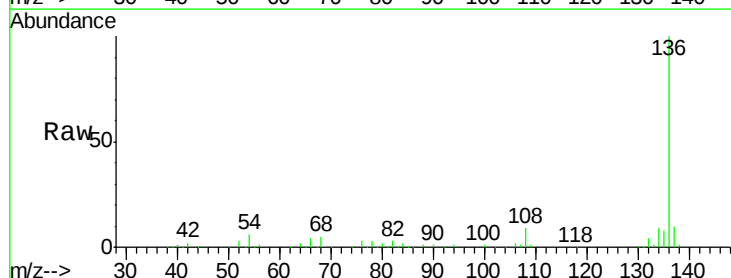
Ion Ratio Lower Upper

136 100

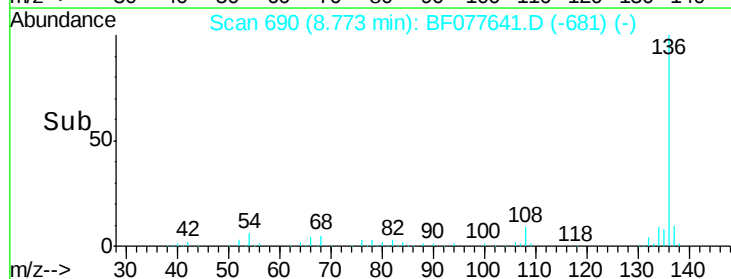
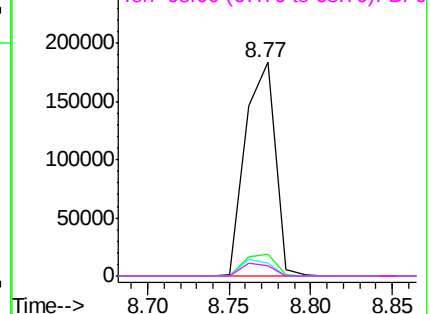
137 10.2 8.6 13.0

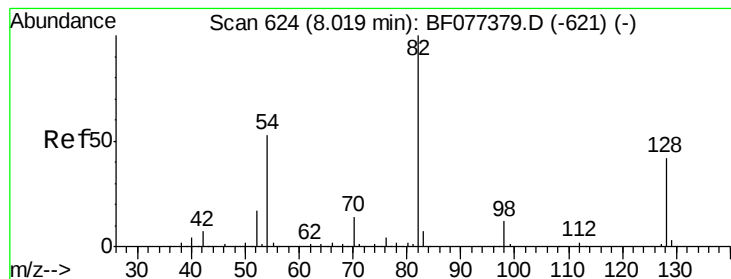
54 5.8 6.2 9.4#

68 4.5 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: 63.46 ng

RT: 7.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF077641.D

Acq: 9 Mar 2015 16:40

Instrument :

BNA_F

ClientSampleId :

PB82019BL

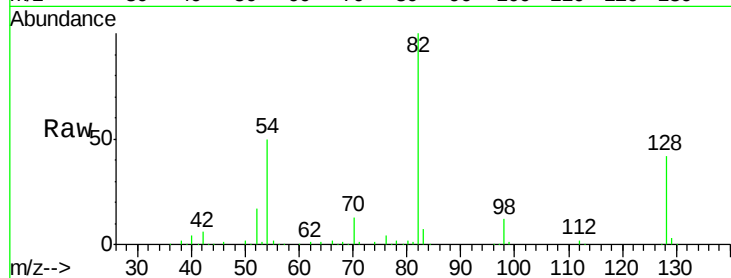
Tot Ion: 82 Resp: 236414

Ion Ratio Lower Upper

82 100

128 42.4 43.8 65.8#

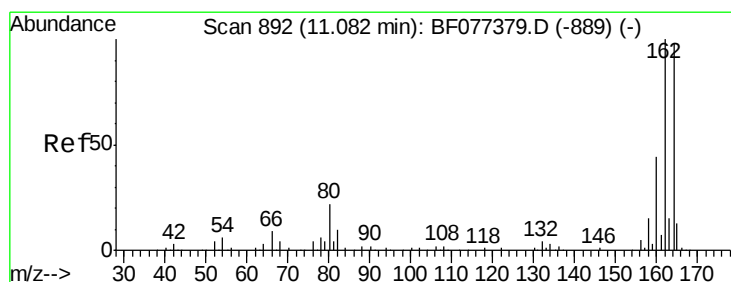
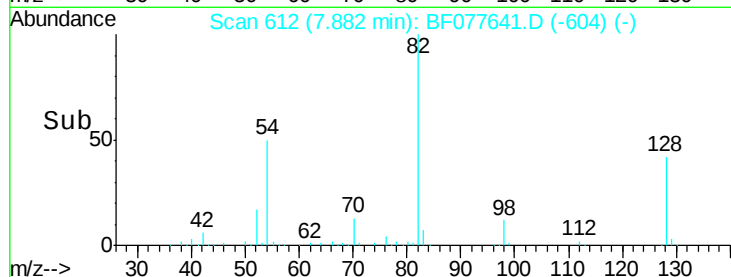
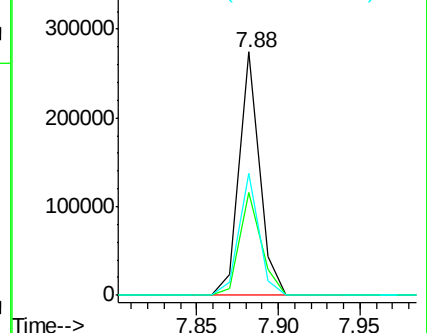
54 50.2 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF077379.D (-621) (-)

Ion 128.00 (127.70 to 128.70): BF077379.D (-621) (-)

Ion 54.00 (53.70 to 54.70): BF077379.D (-621) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.94 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF077641.D

Acq: 9 Mar 2015 16:40

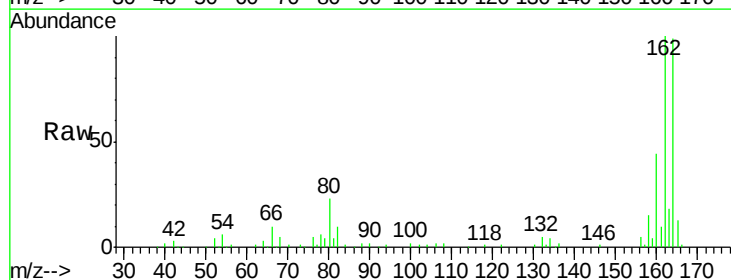
Tgt Ion: 164 Resp: 112967

Ion Ratio Lower Upper

164 100

162 101.3 83.2 124.8

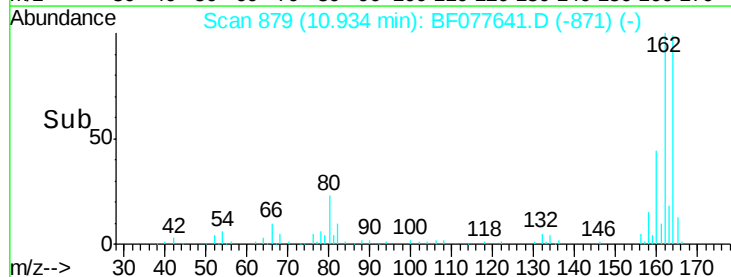
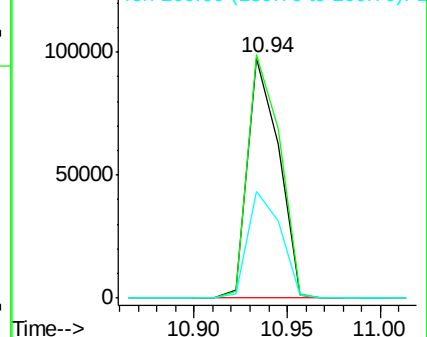
160 44.6 34.6 52.0

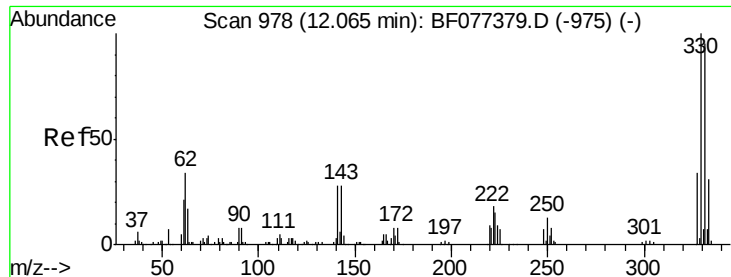


Abundance Ion 164.00 (163.70 to 164.70): BF077379.D (-889) (-)

Ion 162.00 (161.70 to 162.70): BF077379.D (-889) (-)

Ion 160.00 (159.70 to 160.70): BF077379.D (-889) (-)

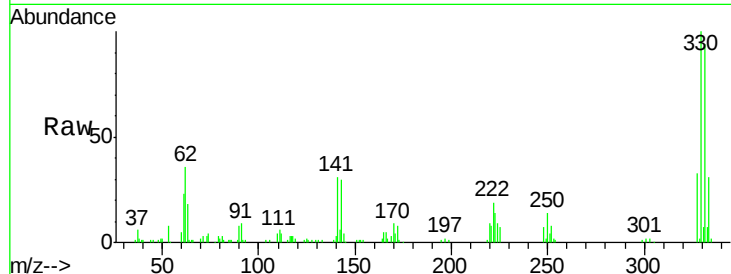




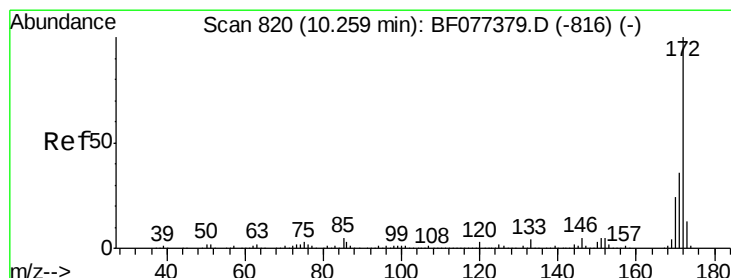
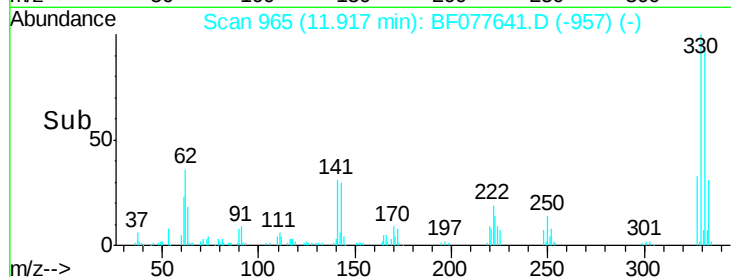
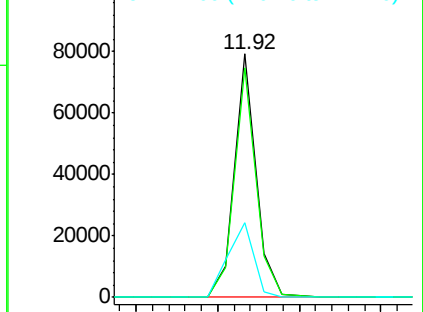
#41
 2,4,6-Tribromophenol
 Concen: 66.64 ng
 RT: 11.92 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077641.D
 Acq: 9 Mar 2015 16:40

Instrument :
 BNA_F
 ClientSampled :
 PB82019BL

Tot Ion:330 Resp: 72491
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.4 116.2
 141 36.1 28.8 43.2

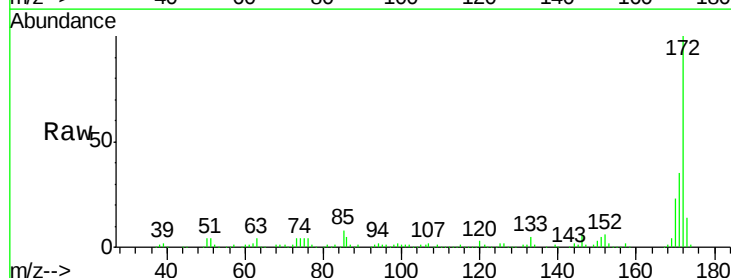


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

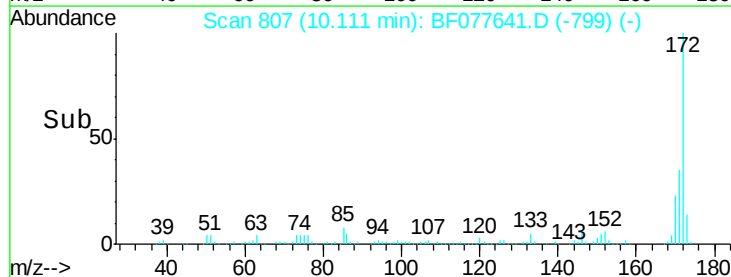
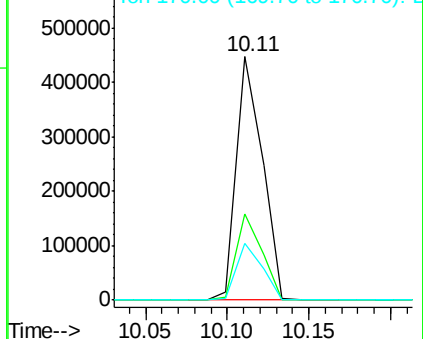


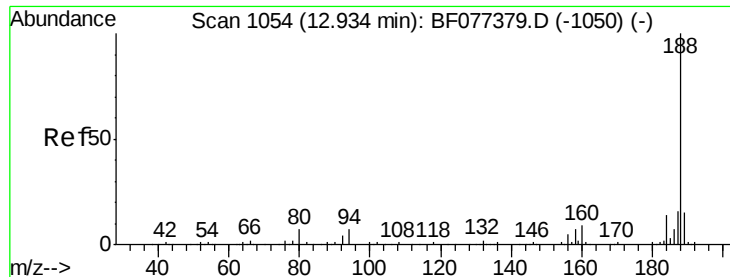
#44
 2-Fluorobiphenyl
 Concen: 67.64 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077641.D
 Acq: 9 Mar 2015 16:40

Tgt Ion:172 Resp: 490035
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.2 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

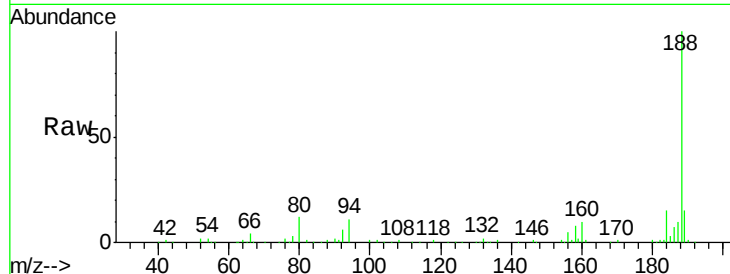




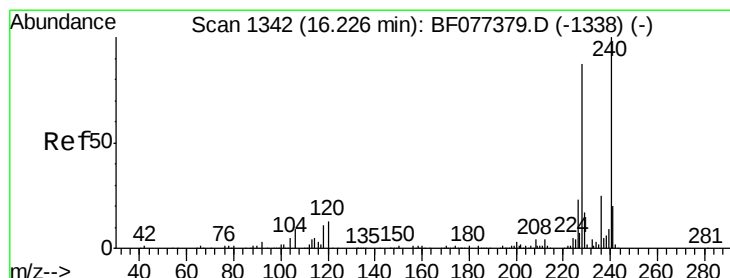
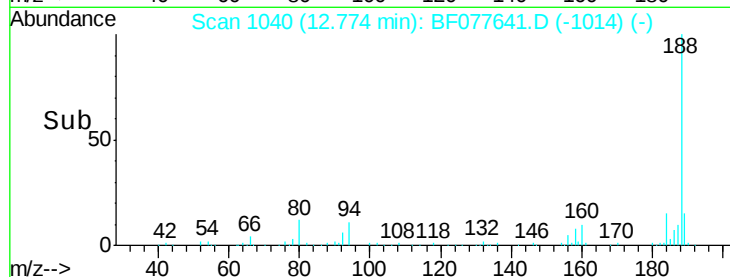
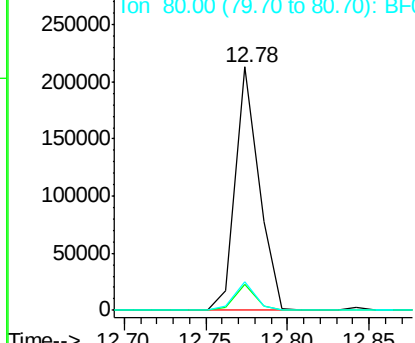
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.78 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077641.D
Acq: 9 Mar 2015 16:40

Instrument :
BNA_F
ClientSampled :
PB82019BL

Tot Ion:188 Resp: 213052
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.8 8.0 12.0

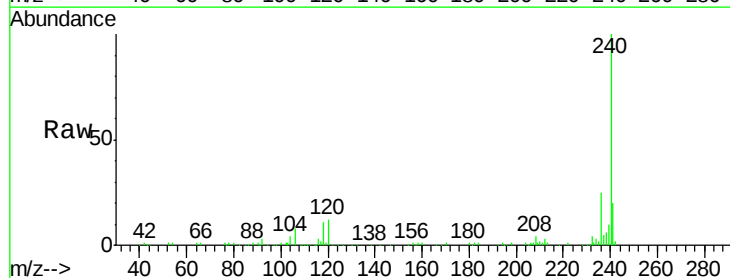


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

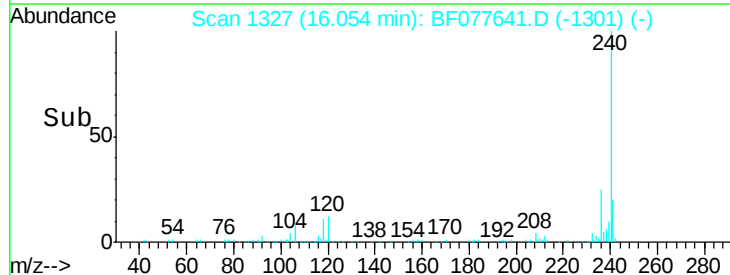
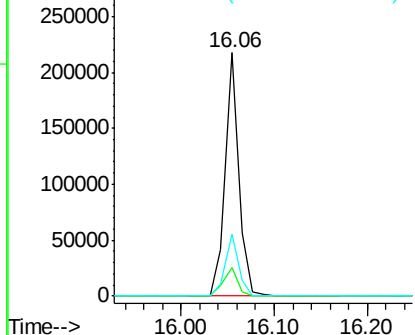


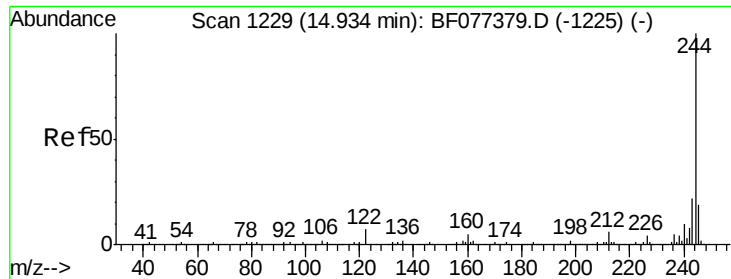
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF077641.D
Acq: 9 Mar 2015 16:40

Tgt Ion:240 Resp: 221992
Ion Ratio Lower Upper
240 100
120 12.0 8.8 13.2
236 25.3 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

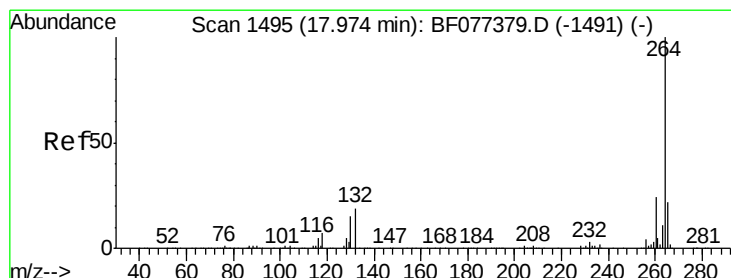
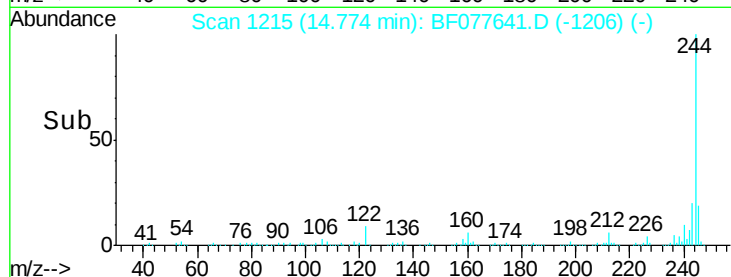
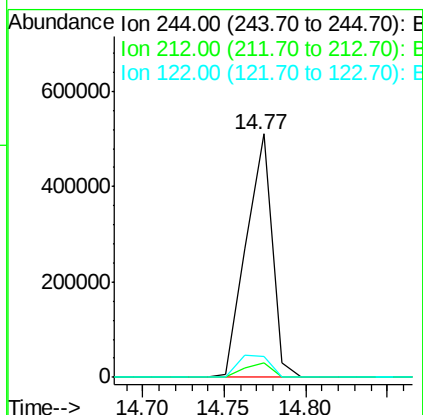
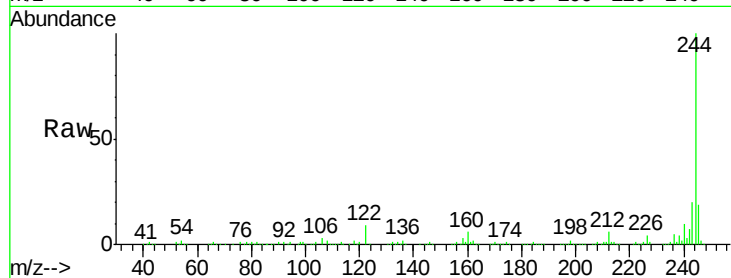




#78
 Terphenyl-d14
 Concen: 59.11 ng
 RT: 14.77 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF077641.D
 Acq: 9 Mar 2015 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BL

Tot Ion:244 Resp: 561314
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.2 7.8
 122 8.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. 0.03 min
 Lab File: BF077641.D
 Acq: 9 Mar 2015 16:40

Tgt Ion:264 Resp: 231805
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.3 28.9
 265 20.8 16.8 25.2

