

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
 Data File : BF077625.D
 Acq On : 6 Mar 2015 16:46
 Operator : TP/IZ
 Sample : PB81995BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BL

Quant Time: Mar 06 22:33:16 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	62585	20.00	ng	0.00
21) Naphthalene-d8	8.78	136	241029	20.00	ng	0.00
38) Acenaphthene-d10	10.95	164	122075	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	241963	20.00	ng	0.00
75) Chrysene-d12	16.07	240	256538	20.00	ng	0.00
86) Perylene-d12	17.78	264	252682	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	448897	119.74	ng	0.00
7) Phenol-d6	6.77	99	550784	114.27	ng	0.00
23) Nitrobenzene-d5	7.89	82	318158	82.08	ng	0.00
41) 2,4,6-Tribromophenol	11.93	330	138722	118.02	ng	0.00
44) 2-Fluorobiphenyl	10.13	172	675977	86.34	ng	0.00
78) Terphenyl-d14	14.79	244	835766	76.16	ng	0.00

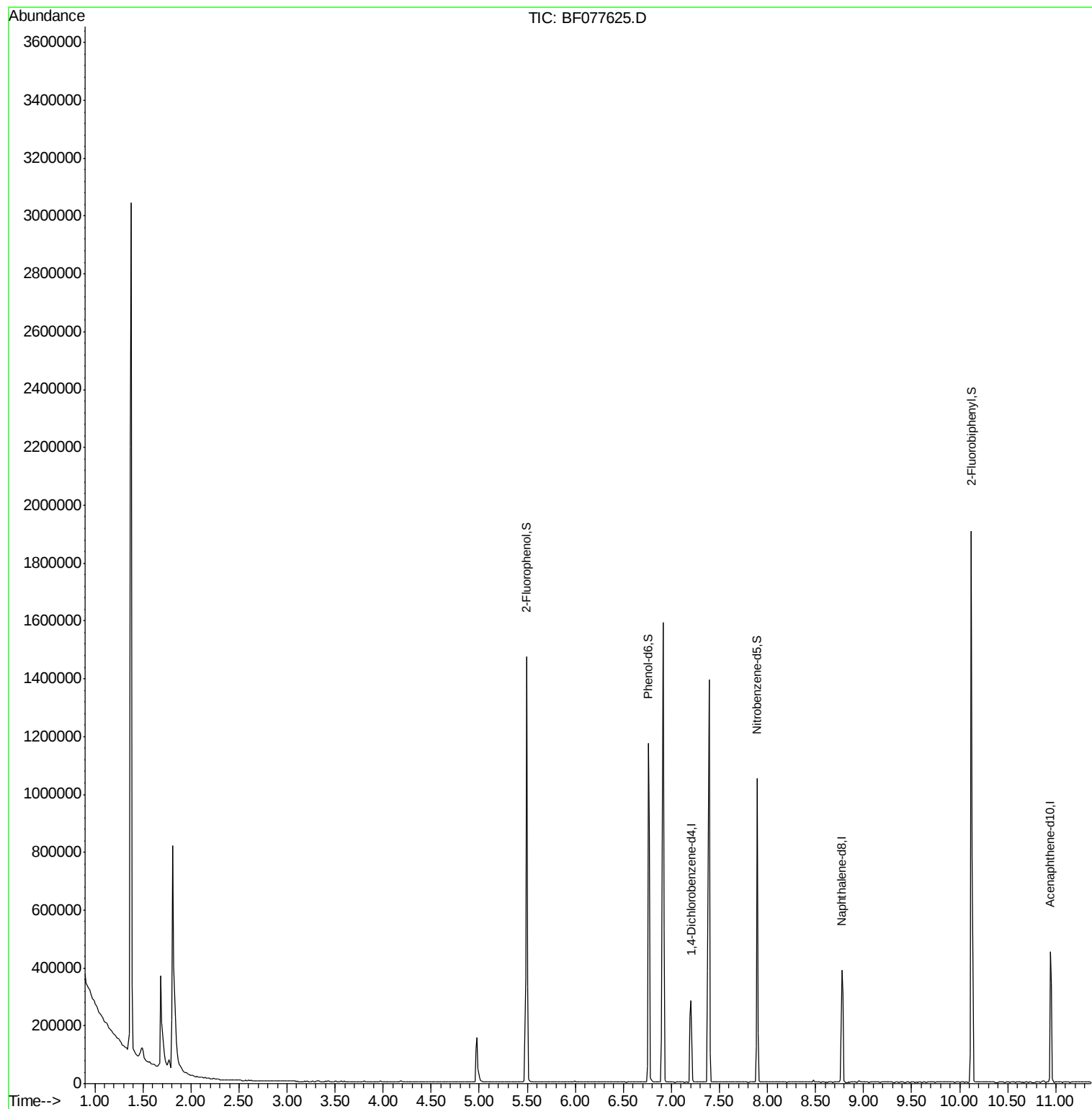
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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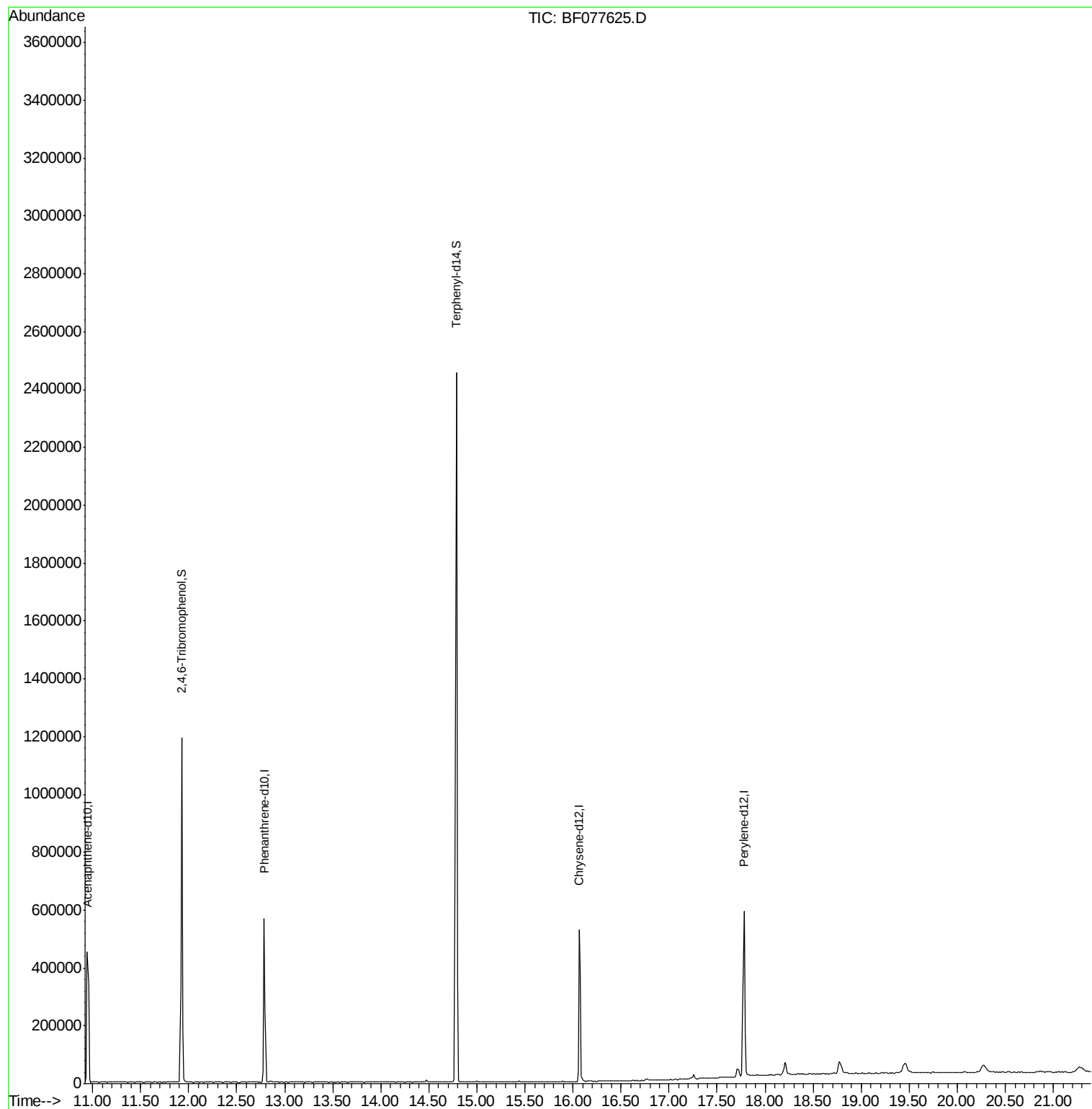
Quant Time: Mar 06 22:33:16 2015
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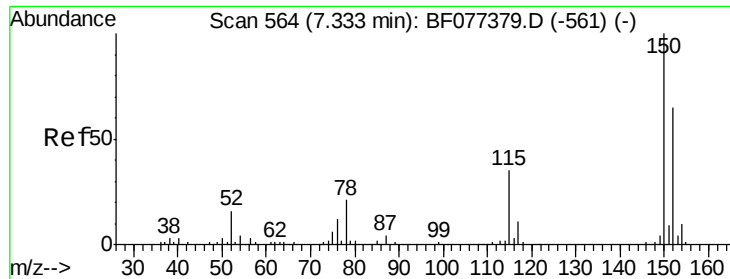


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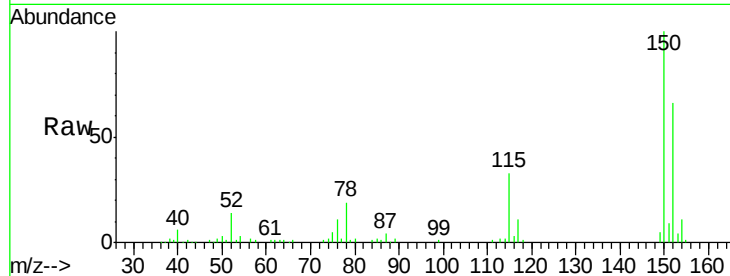




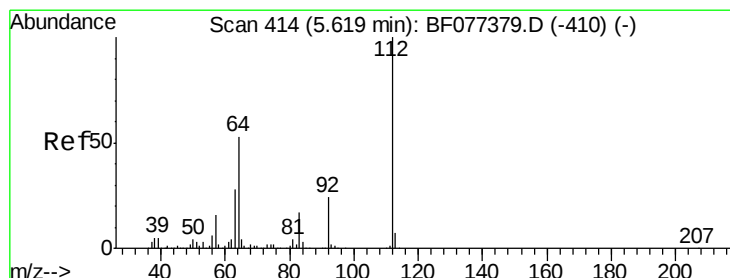
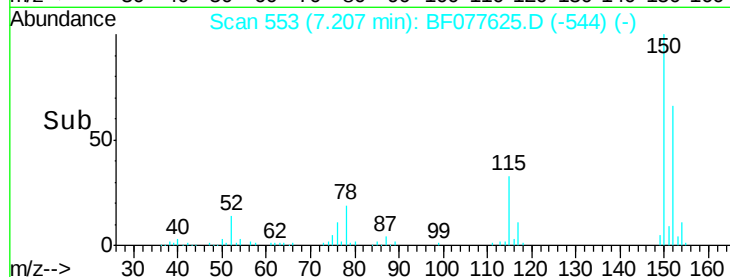
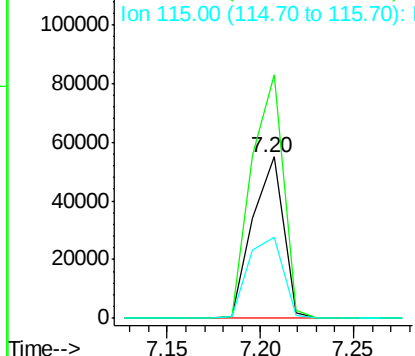
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.20 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF077625.D
 Acq: 6 Mar 2015 16:46

Instrument :
 BNA_F
 ClientSampled :
 PB81995BL

Tgt Ion:152 Resp: 62585
 Ion Ratio Lower Upper
 152 100
 150 151.0 124.0 186.0
 115 50.0 49.4 74.2

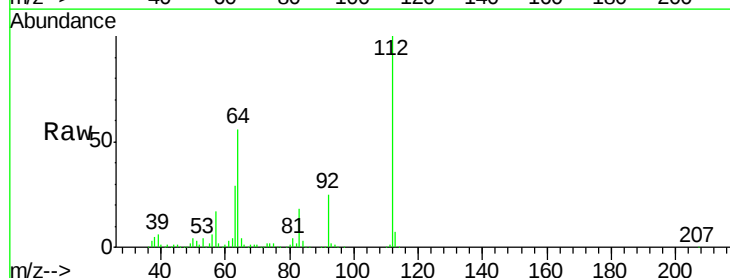


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

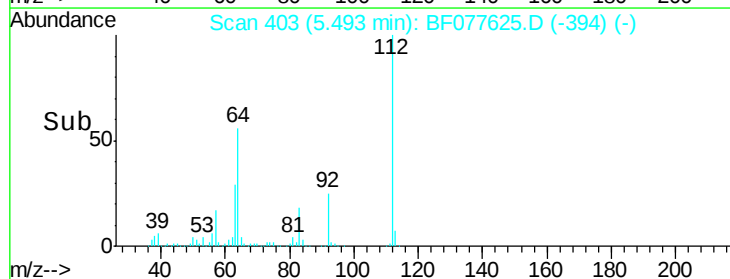
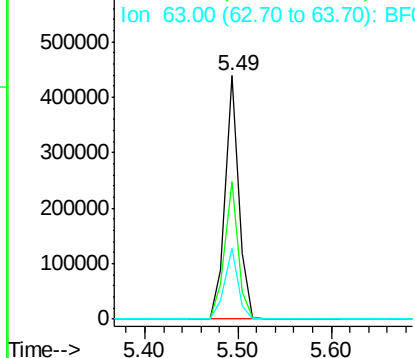


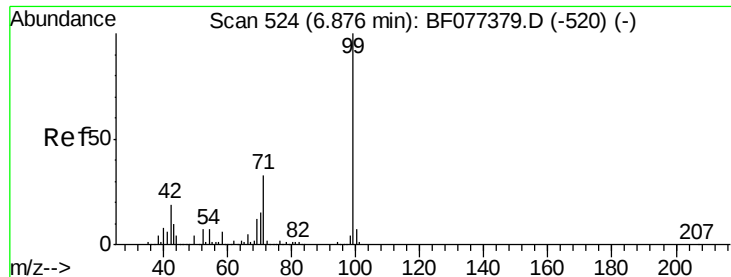
#5
 2-Fluorophenol
 Concen: 119.74 ng
 RT: 5.49 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: BF077625.D
 Acq: 6 Mar 2015 16:46

Tgt Ion:112 Resp: 448897
 Ion Ratio Lower Upper
 112 100
 64 56.3 48.5 72.7
 63 29.0 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: 114.27 ng

RT: 6.77 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF077625.D

Acq: 6 Mar 2015 16:46

Instrument :

BNA_F

ClientSampleId :

PB81995BL

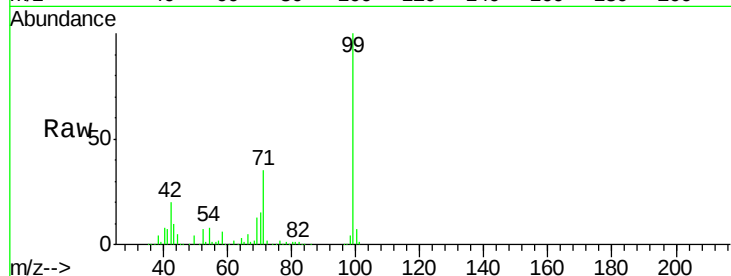
Tgt Ion: 99 Resp: 550784

Ion Ratio Lower Upper

99 100

42 20.0 16.2 24.4

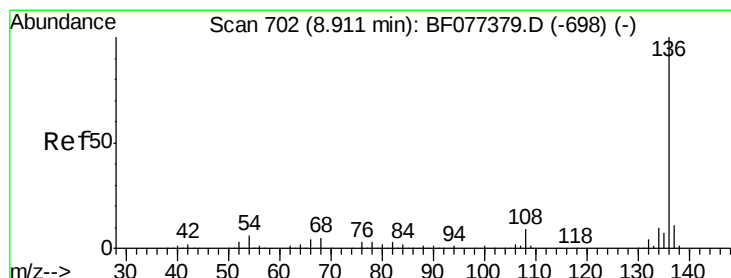
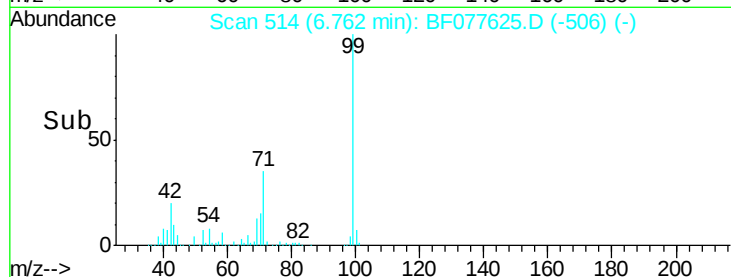
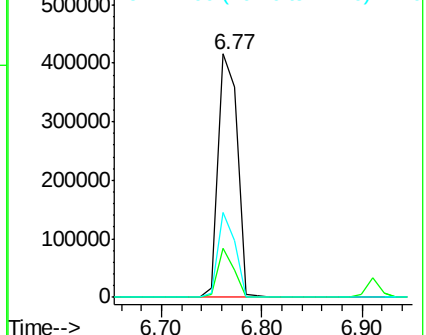
71 34.7 26.7 40.1



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# 690

Delta R.T. -0.00 min

Lab File: BF077625.D

Acq: 6 Mar 2015 16:46

Tgt Ion: 136 Resp: 241029

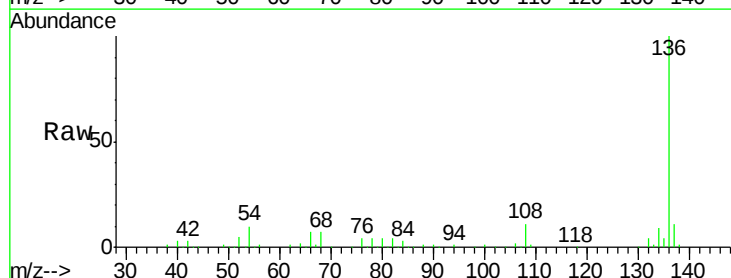
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.8 6.2 9.4

68 7.3 5.0 7.6

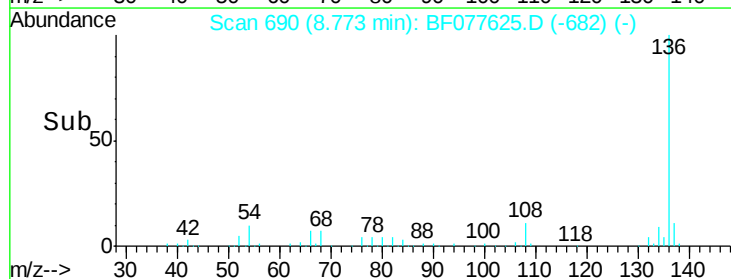
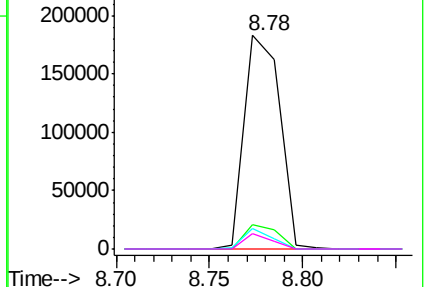


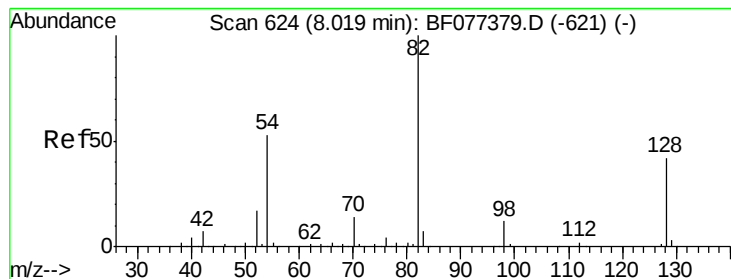
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.08 ng

RT: 7.89 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF077625.D

Acq: 6 Mar 2015 16:46

Instrument :

BNA_F

ClientSampleId :

PB81995BL

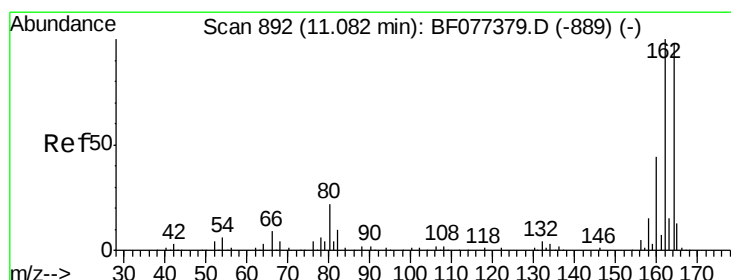
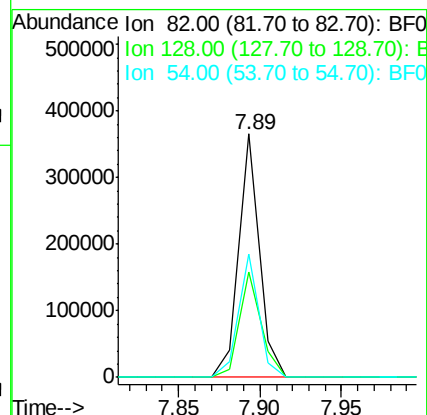
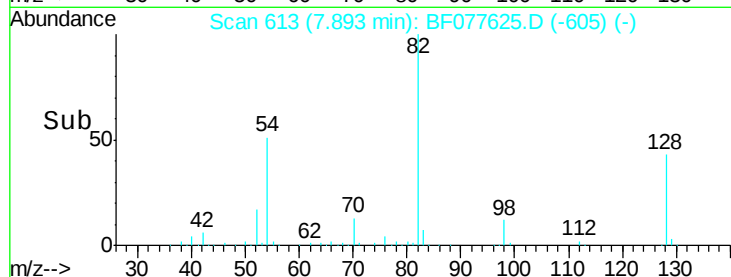
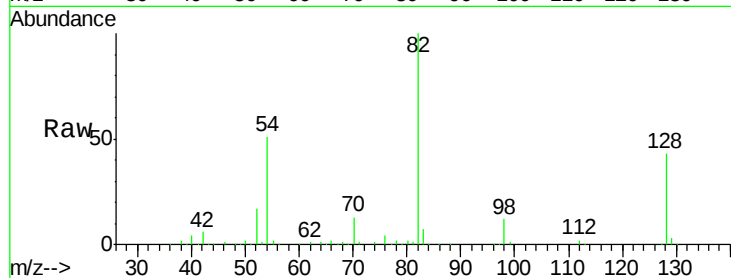
Tgt Ion: 82 Resp: 318158

Ion Ratio Lower Upper

82 100

128 43.1 43.8 65.8#

54 50.6 36.7 55.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.95 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF077625.D

Acq: 6 Mar 2015 16:46

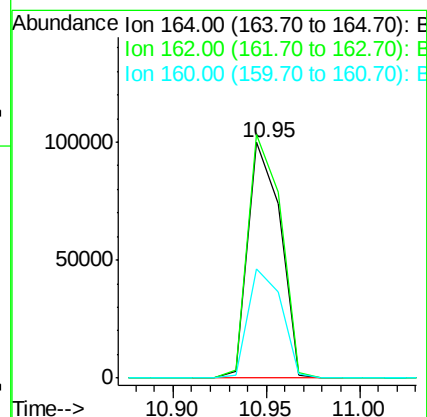
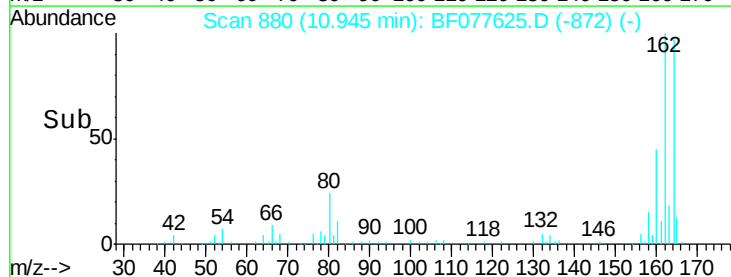
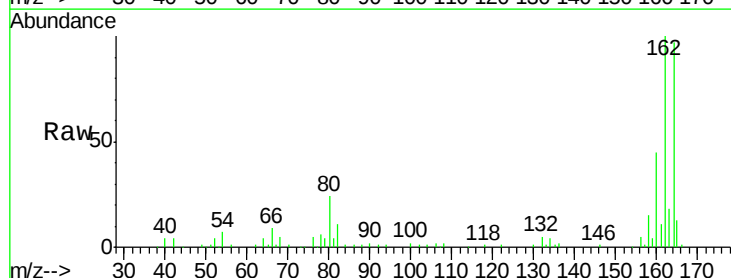
Tgt Ion: 164 Resp: 122075

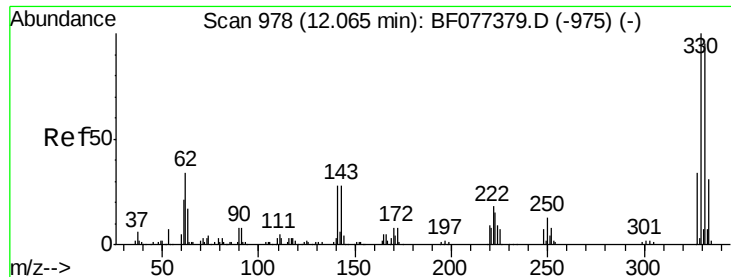
Ion Ratio Lower Upper

164 100

162 103.3 83.2 124.8

160 46.3 34.6 52.0

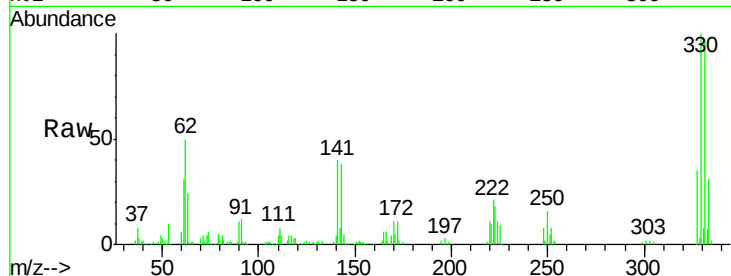




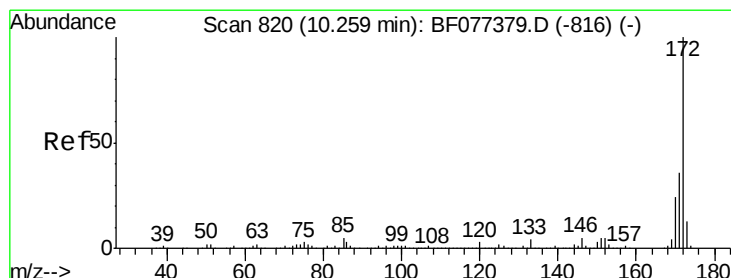
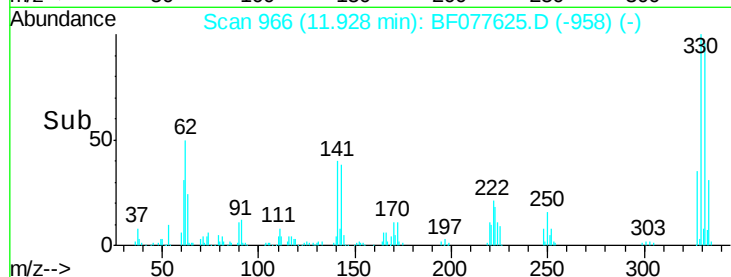
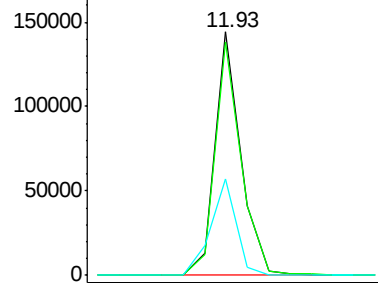
#41
 2,4,6-Tribromophenol
 Concen: 118.02 ng
 RT: 11.93 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF077625.D
 Acq: 6 Mar 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BL

Tgt Ion:330 Resp: 138722
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 39.8 28.8 43.2

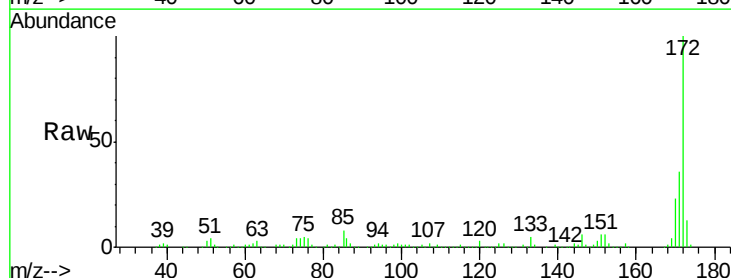


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

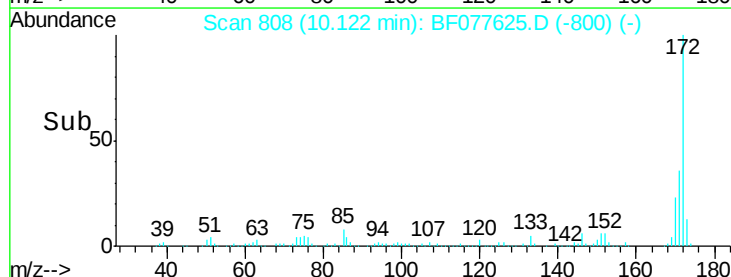
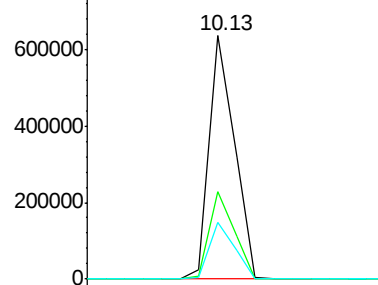


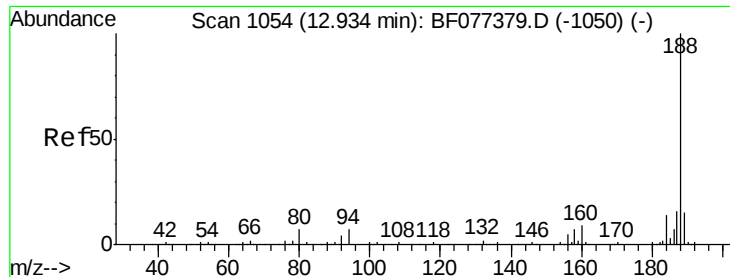
#44
 2-Fluorobiphenyl
 Concen: 86.34 ng
 RT: 10.13 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF077625.D
 Acq: 6 Mar 2015 16:46

Tgt Ion:172 Resp: 675977
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.4 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

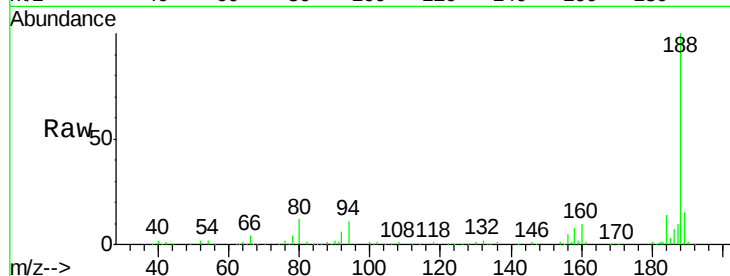




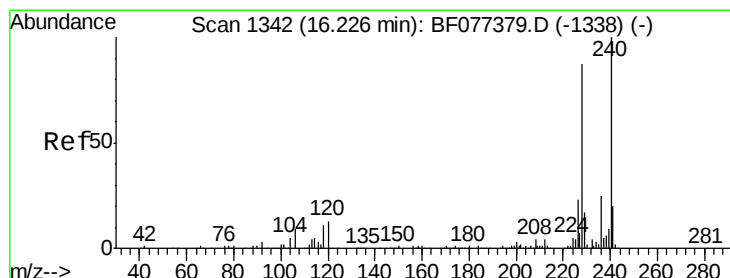
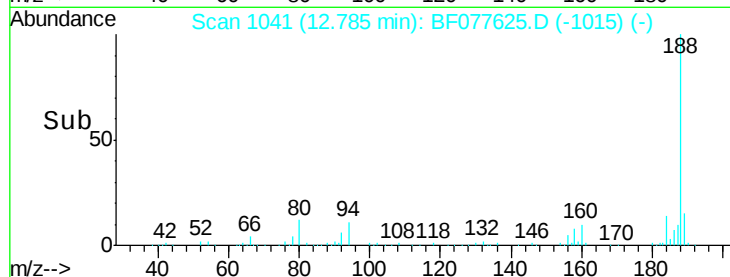
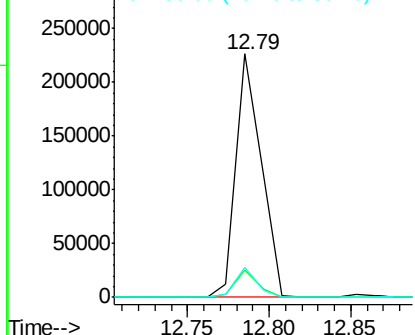
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF077625.D
Acq: 6 Mar 2015 16:46

Instrument :
BNA_F
ClientSampleId :
PB81995BL

Tgt Ion:188 Resp: 241963
Ion Ratio Lower Upper
188 100
94 11.1 7.4 11.2
80 12.4 8.0 12.0#

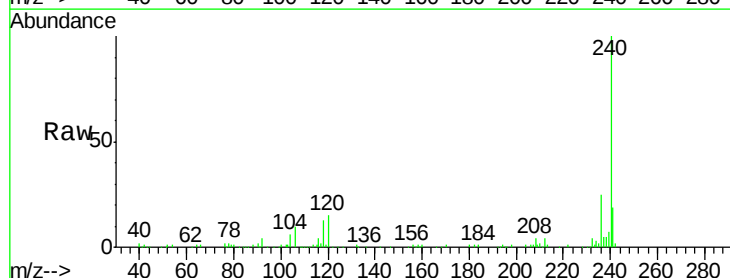


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

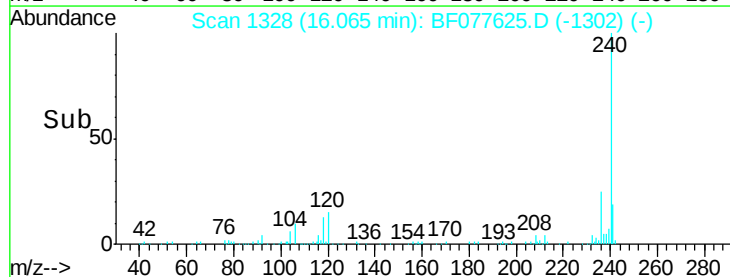
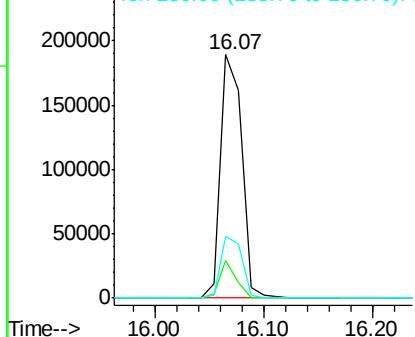


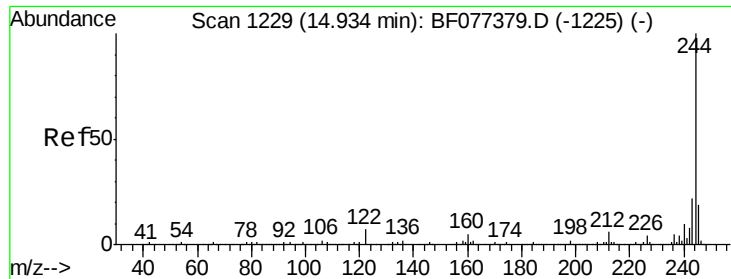
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF077625.D
Acq: 6 Mar 2015 16:46

Tgt Ion:240 Resp: 256538
Ion Ratio Lower Upper
240 100
120 15.3 8.8 13.2#
236 25.4 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

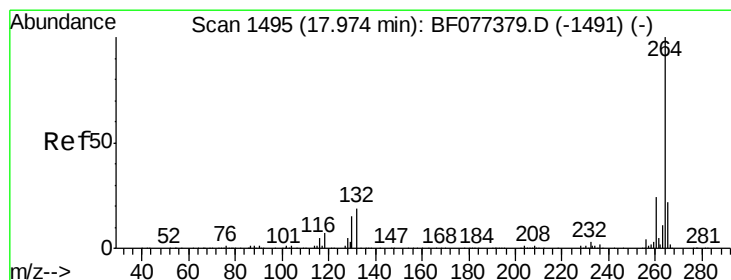
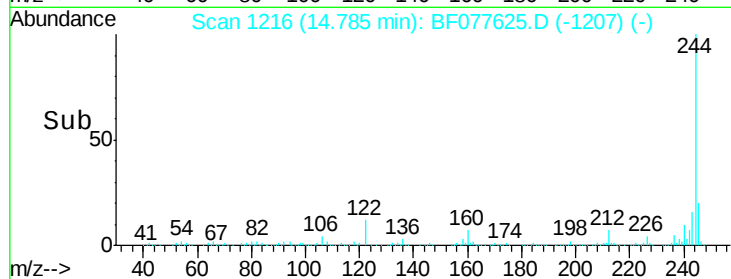
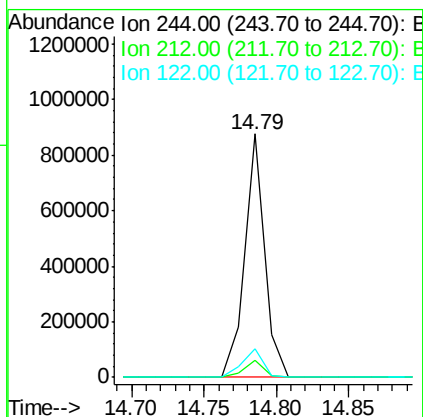
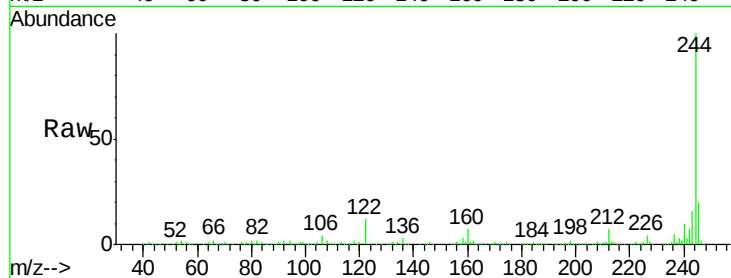




#78
 Terphenyl-d14
 Concen: 76.16 ng
 RT: 14.79 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF077625.D
 Acq: 6 Mar 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB81995BL

Tgt Ion:244 Resp: 835766
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.2 7.8
 122 12.0 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. 0.02 min
 Lab File: BF077625.D
 Acq: 6 Mar 2015 16:46

Tgt Ion:264 Resp: 252682
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.3 16.8 25.2

