

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077583.D
 Acq On : 4 Mar 2015 15:49
 Operator : TP/IZ
 Sample : PB81970BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BL

Quant Time: Mar 04 22:18:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 21:51:23 2015
 Response via : Initial Calibration

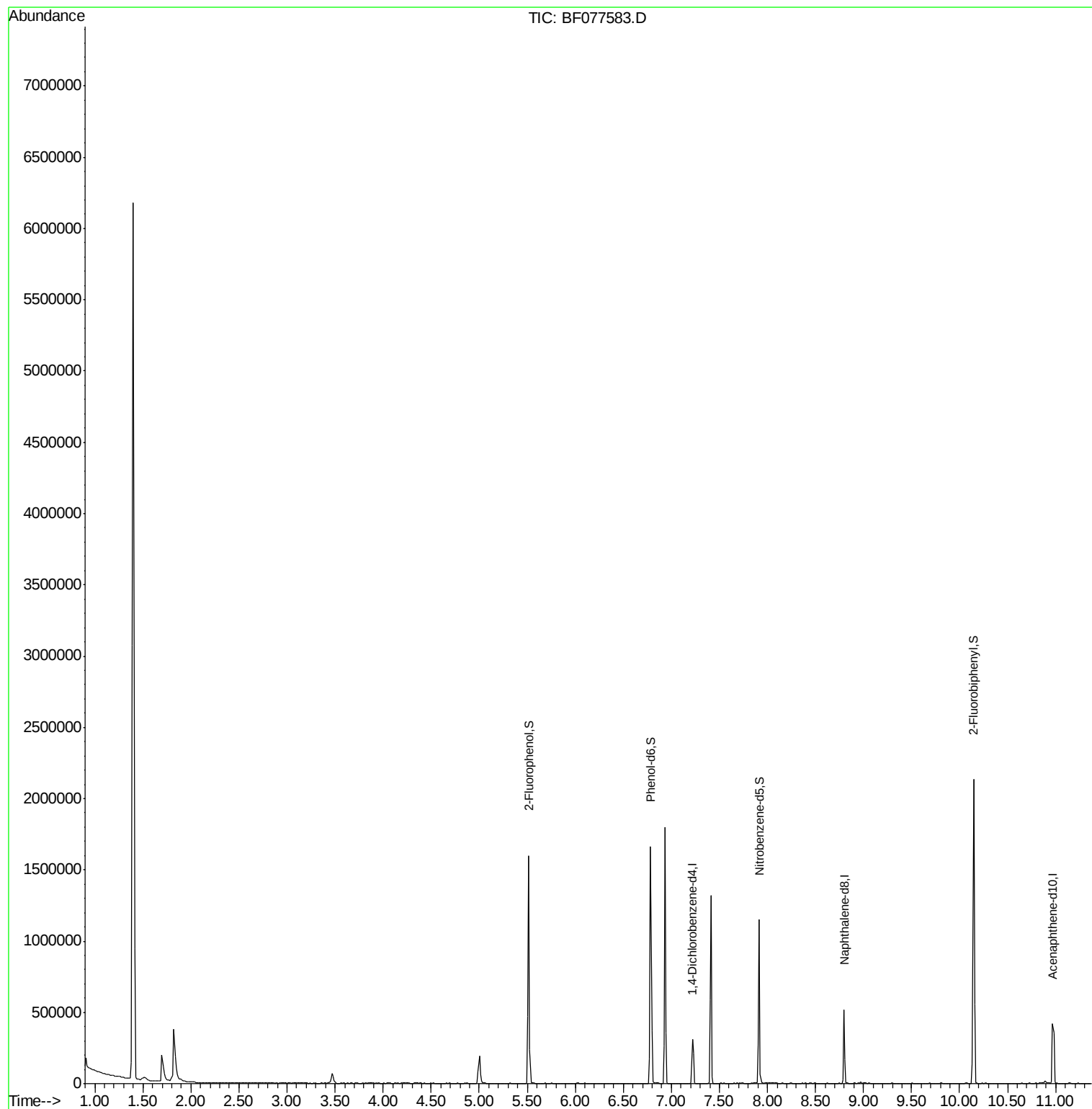
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	60564	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	241047	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	118061	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	230807	20.00	ng	0.00
75) Chrysene-d12	16.11	240	243719	20.00	ng	0.00
86) Perylene-d12	17.89	264	243035	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	475037	130.94	ng	0.00
7) Phenol-d6	6.79	99	562384	120.57	ng	0.00
23) Nitrobenzene-d5	7.91	82	349381	90.13	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	144892	127.46	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	678220	89.57	ng	0.00
78) Terphenyl-d14	14.81	244	787157	75.51	ng	0.00
Target Compounds						
76) Benzidine	14.50	184	25605	3.11	ng	Qvalue 99

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

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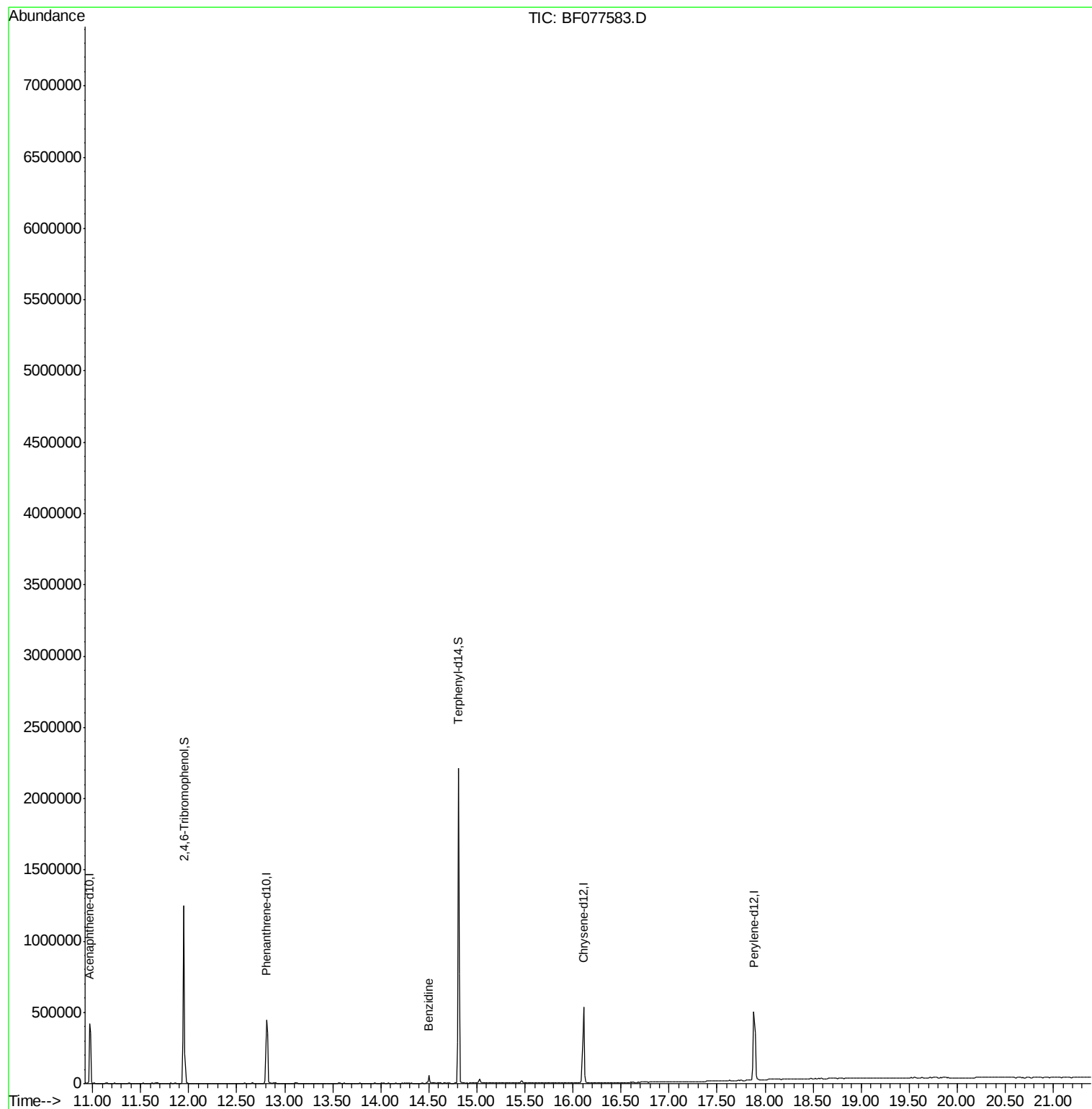
Quant Time: Mar 04 22:18:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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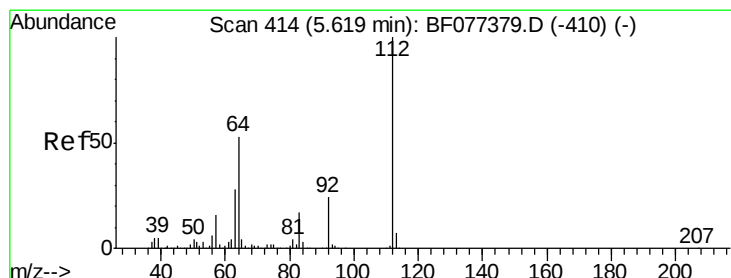
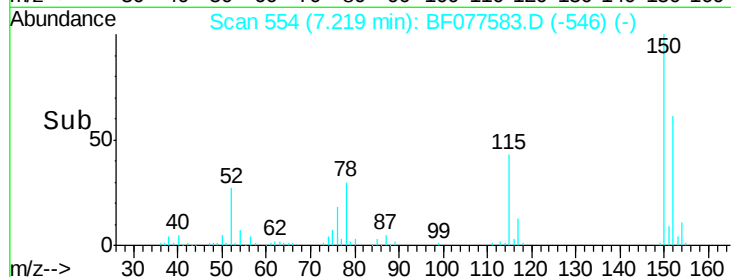
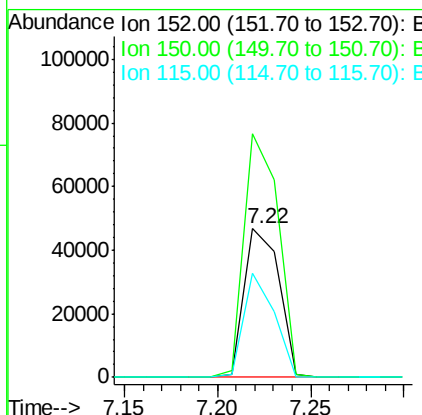
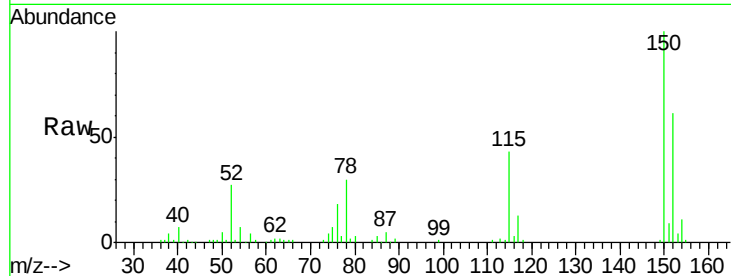




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF077583.D
 Acq: 4 Mar 2015 15:49

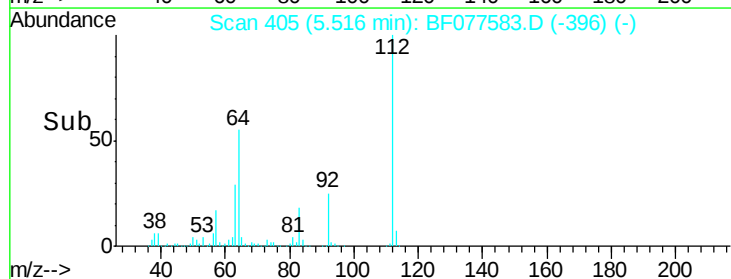
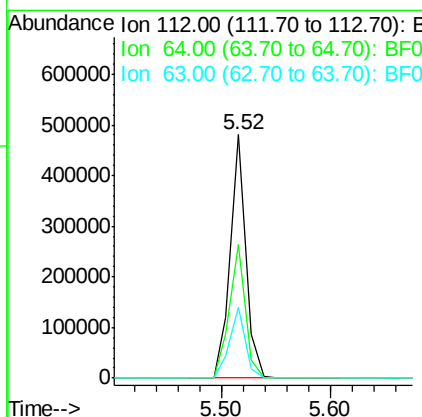
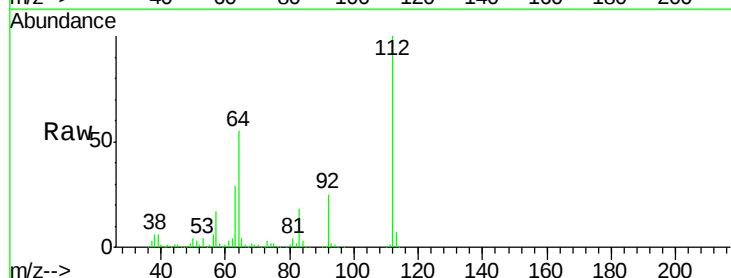
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BL

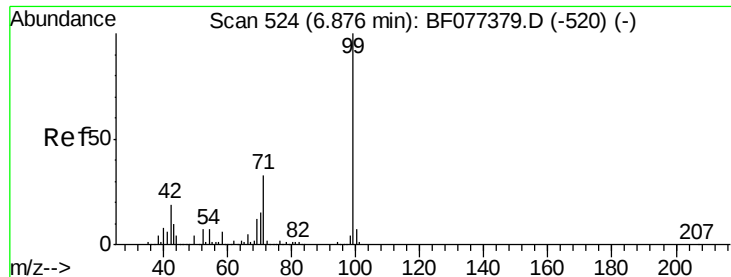
Tgt Ion:152 Resp: 60564
 Ion Ratio Lower Upper
 152 100
 150 163.7 124.0 186.0
 115 69.8 49.4 74.2



#5
 2-Fluorophenol
 Concen: 130.94 ng
 RT: 5.52 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF077583.D
 Acq: 4 Mar 2015 15:49

Tgt Ion:112 Resp: 475037
 Ion Ratio Lower Upper
 112 100
 64 55.1 48.5 72.7
 63 29.1 25.0 37.4





#7

Phenol-d6

Concen: 120.57 ng

RT: 6.79 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077583.D

Acq: 4 Mar 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81970BL

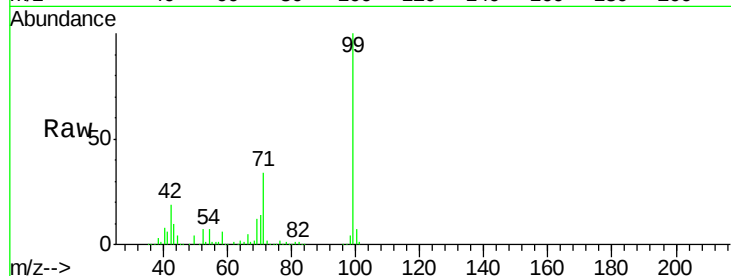
Tgt Ion: 99 Resp: 562384

Ion Ratio Lower Upper

99 100

42 18.9 16.2 24.4

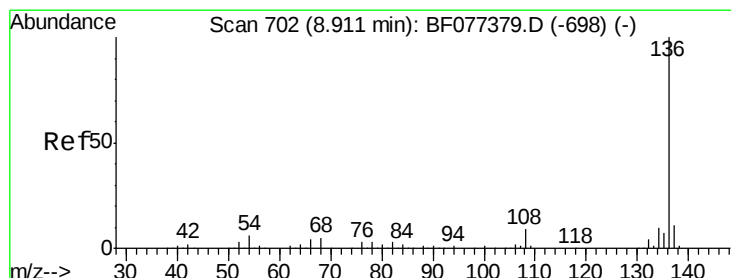
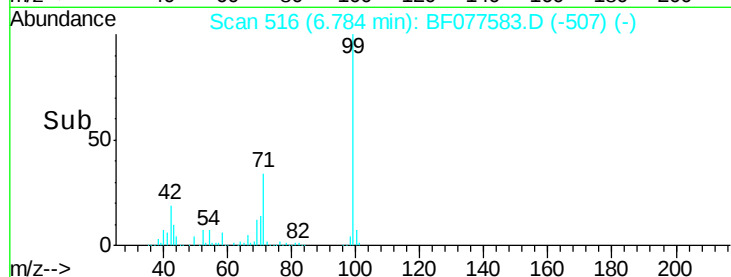
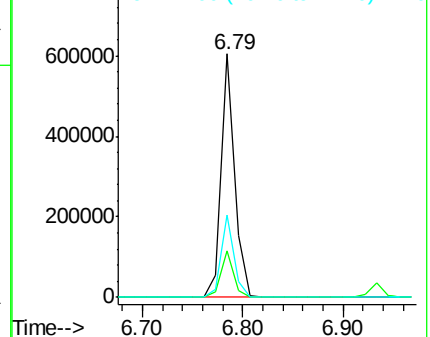
71 33.9 26.7 40.1



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: 8.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF077583.D

Acq: 4 Mar 2015 15:49

Tgt Ion: 136 Resp: 241047

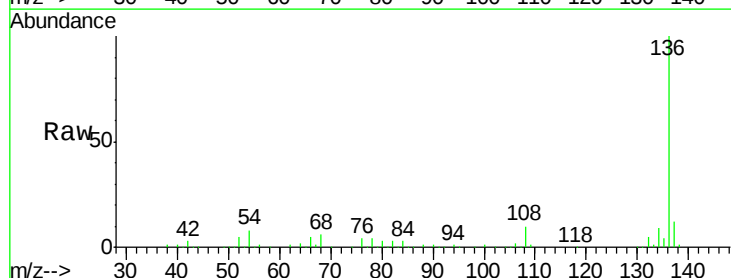
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 8.5 6.2 9.4

68 6.5 5.0 7.6

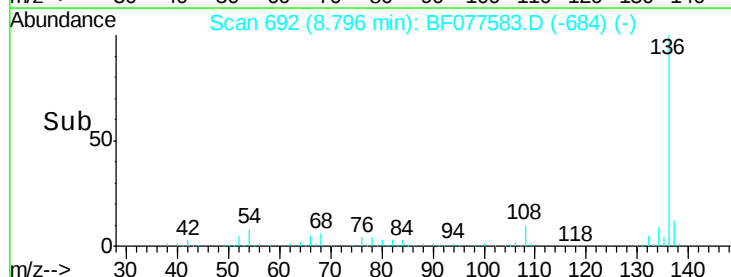
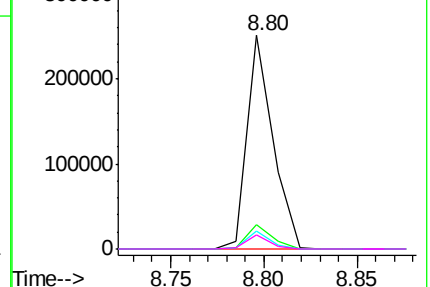


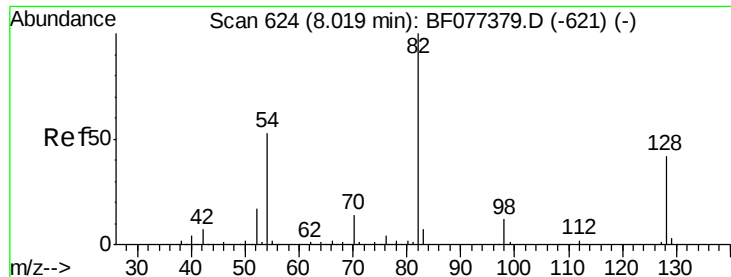
Abundance Ion 136.00 (135.70 to 136.70): E

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

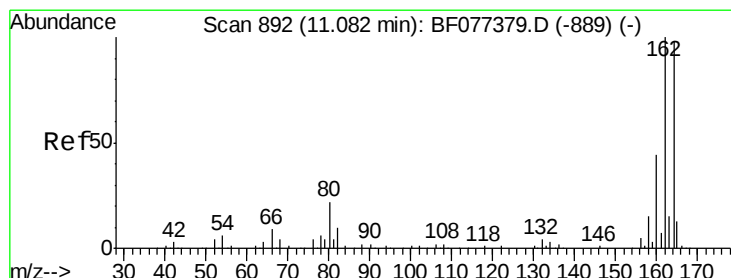
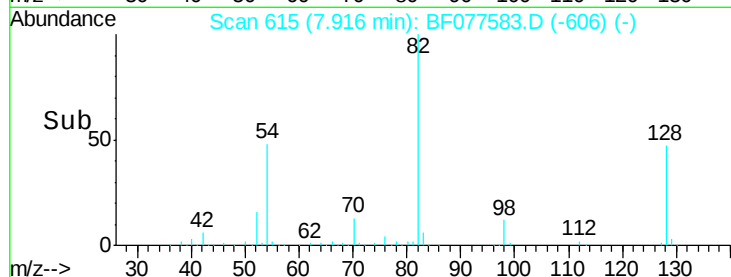
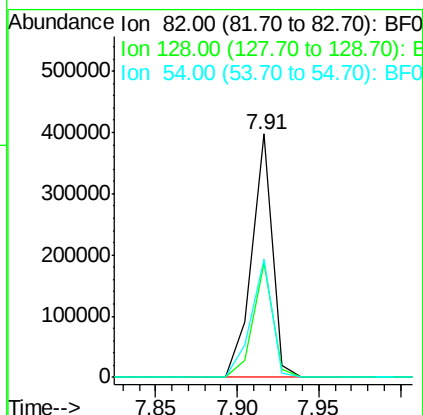
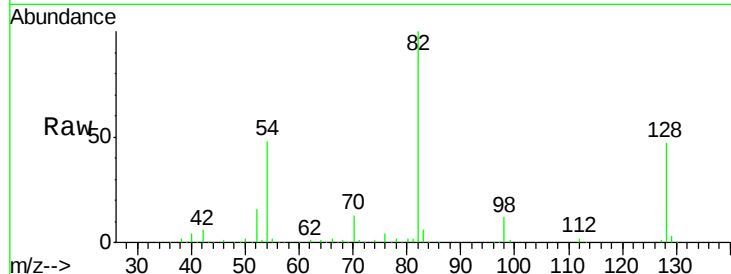




#23
 Nitrobenzene-d5
 Concen: 90.13 ng
 RT: 7.91 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF077583.D
 Acq: 4 Mar 2015 15:49

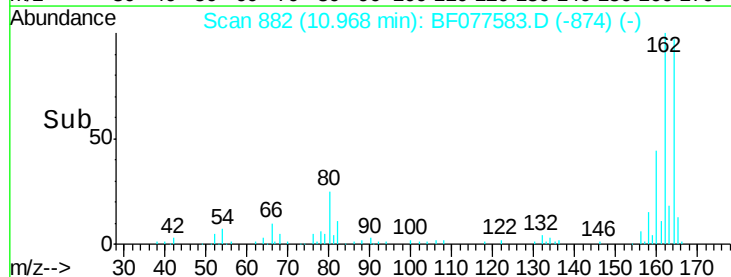
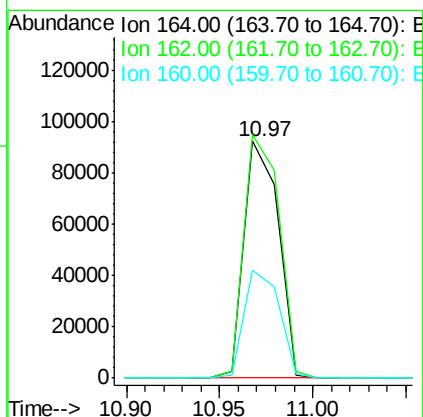
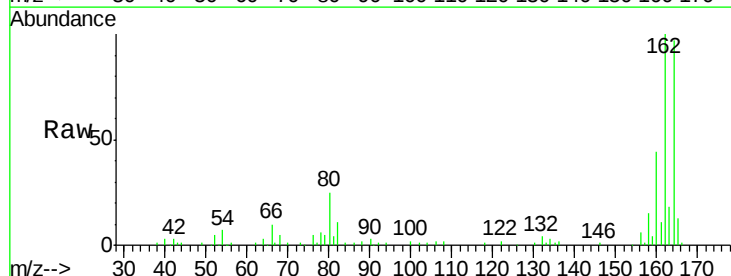
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BL

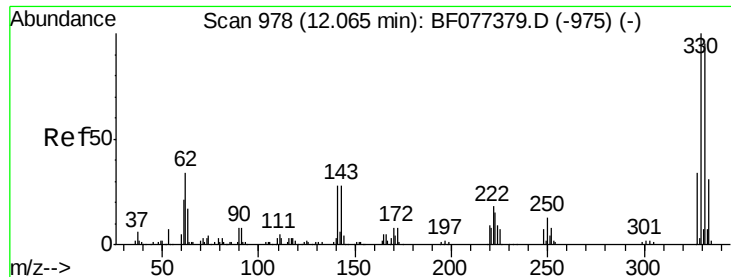
Tgt Ion: 82 Resp: 349381
 Ion Ratio Lower Upper
 82 100
 128 46.8 43.8 65.8
 54 48.5 36.7 55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF077583.D
 Acq: 4 Mar 2015 15:49

Tgt Ion: 164 Resp: 118061
 Ion Ratio Lower Upper
 164 100
 162 102.9 83.2 124.8
 160 45.6 34.6 52.0

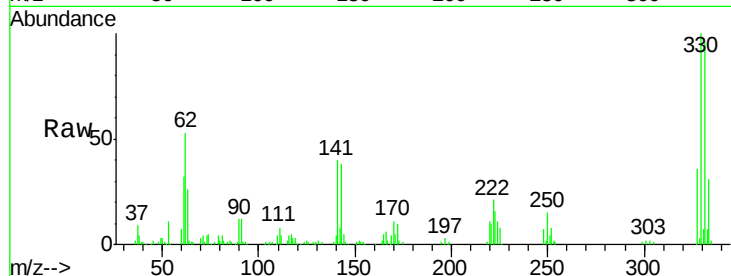




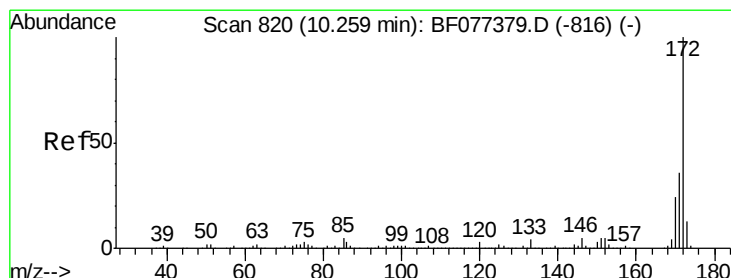
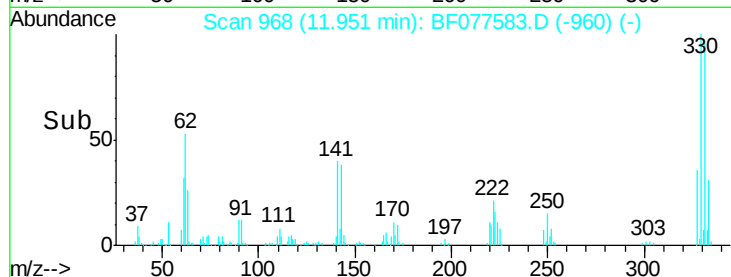
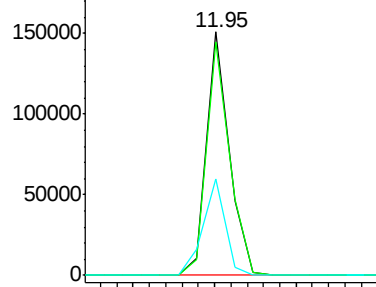
#41
 2,4,6-Tribromophenol
 Concen: 127.46 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077583.D
 Acq: 4 Mar 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BL

Tgt Ion:330 Resp: 144892
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 38.6 28.8 43.2

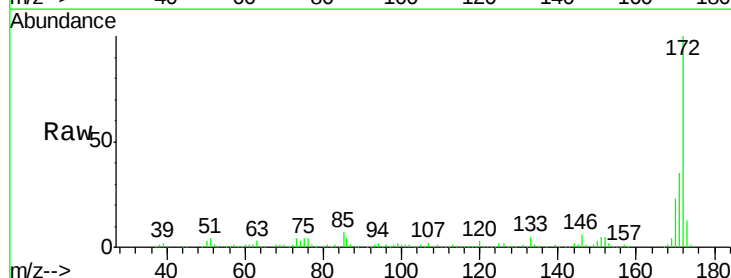


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

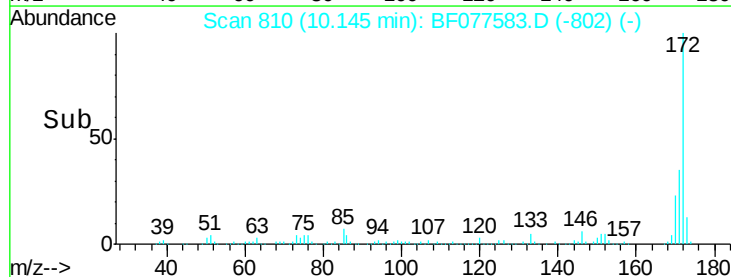
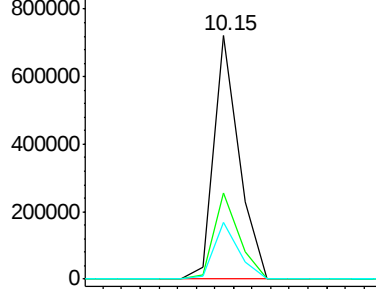


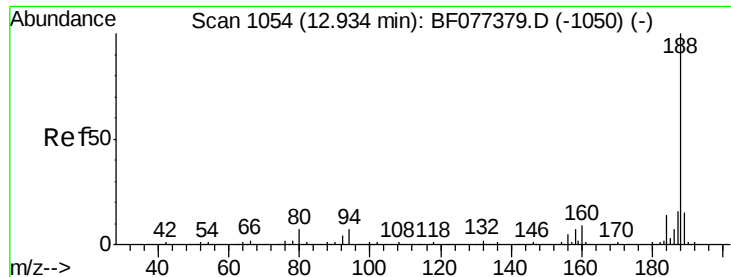
#44
 2-Fluorobiphenyl
 Concen: 89.57 ng
 RT: 10.15 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077583.D
 Acq: 4 Mar 2015 15:49

Tgt Ion:172 Resp: 678220
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.5 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: 12.81 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF077583.D

Acq: 4 Mar 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB81970BL

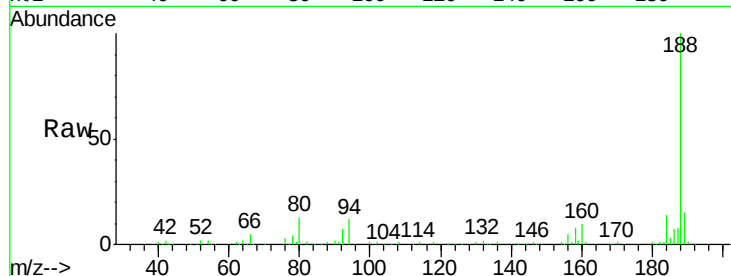
Tgt Ion:188 Resp: 230807

Ion Ratio Lower Upper

188 100

94 11.7 7.4 11.2#

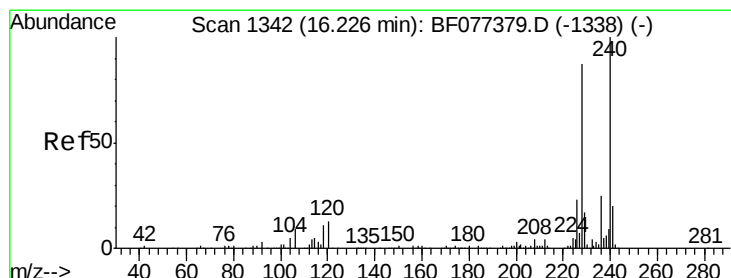
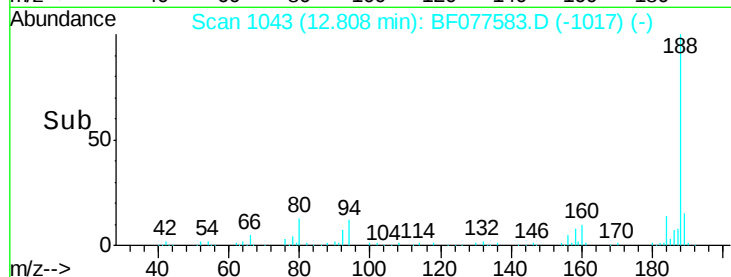
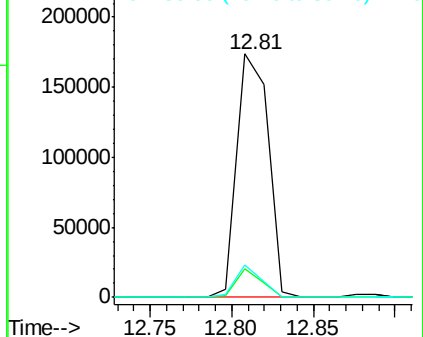
80 13.3 8.0 12.0#



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: 16.11 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF077583.D

Acq: 4 Mar 2015 15:49

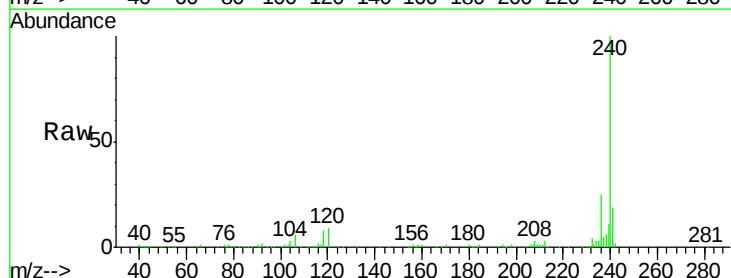
Tgt Ion:240 Resp: 243719

Ion Ratio Lower Upper

240 100

120 9.2 8.8 13.2

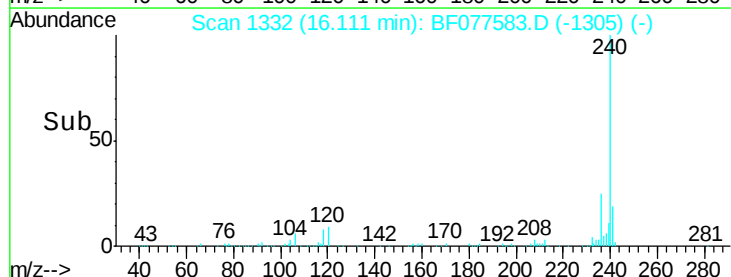
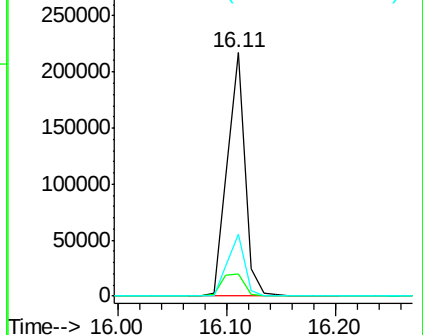
236 25.3 20.7 31.1

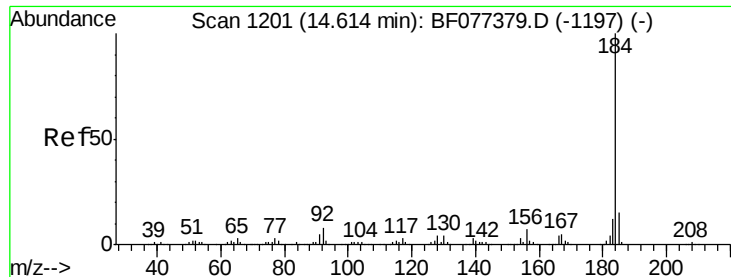


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

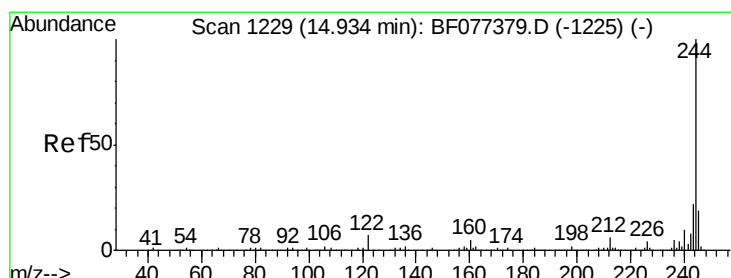
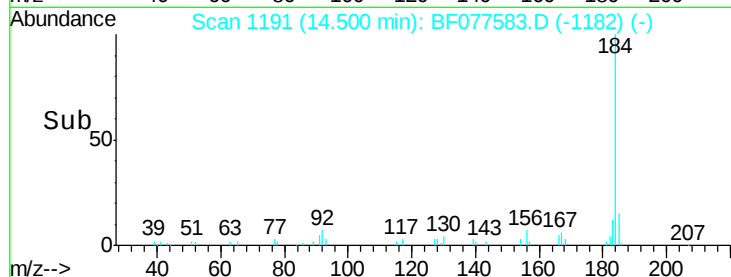
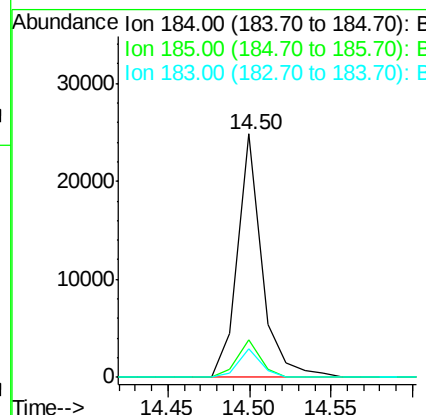
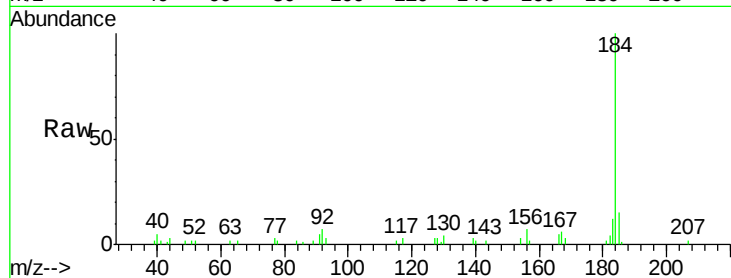




#76
Benzidine
Concen: 3.11 ng
RT: 14.50 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF077583.D
Acq: 4 Mar 2015 15:49

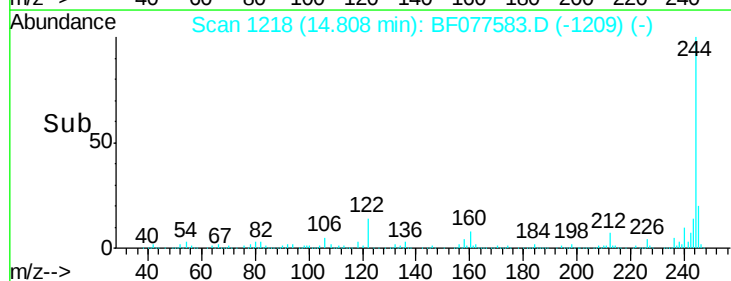
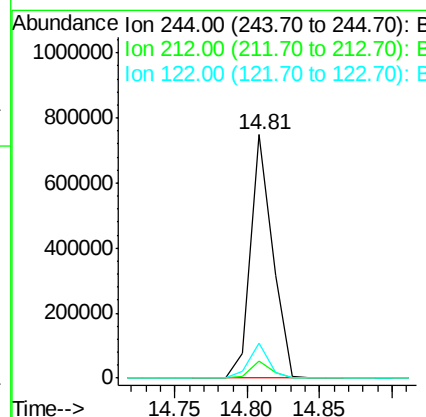
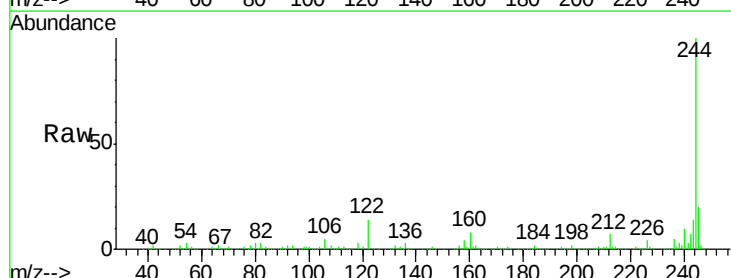
Instrument :
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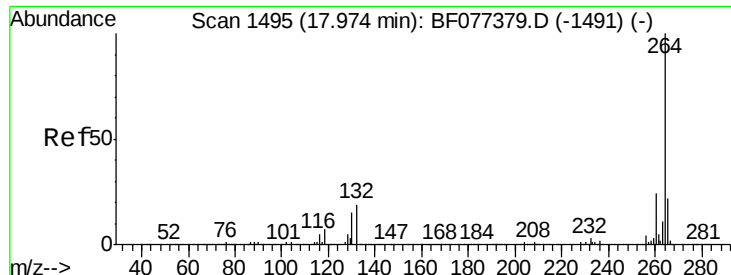
Tgt Ion:184 Resp: 25605
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 11.7 9.3 13.9



#78
Terphenyl-d14
Concen: 75.51 ng
RT: 14.81 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF077583.D
Acq: 4 Mar 2015 15:49

Tgt Ion:244 Resp: 787157
Ion Ratio Lower Upper
244 100
212 7.0 5.2 7.8
122 14.5 7.8 11.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.89 min Scan# 1487
Delta R.T. 0.04 min
Lab File: BF077583.D
Acq: 4 Mar 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB81970BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.6	16.8	25.2

