

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077581.D
 Acq On : 4 Mar 2015 14:02
 Operator : TP/IZ
 Sample : PB81951BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BL

Quant Time: Mar 04 22:11:08 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

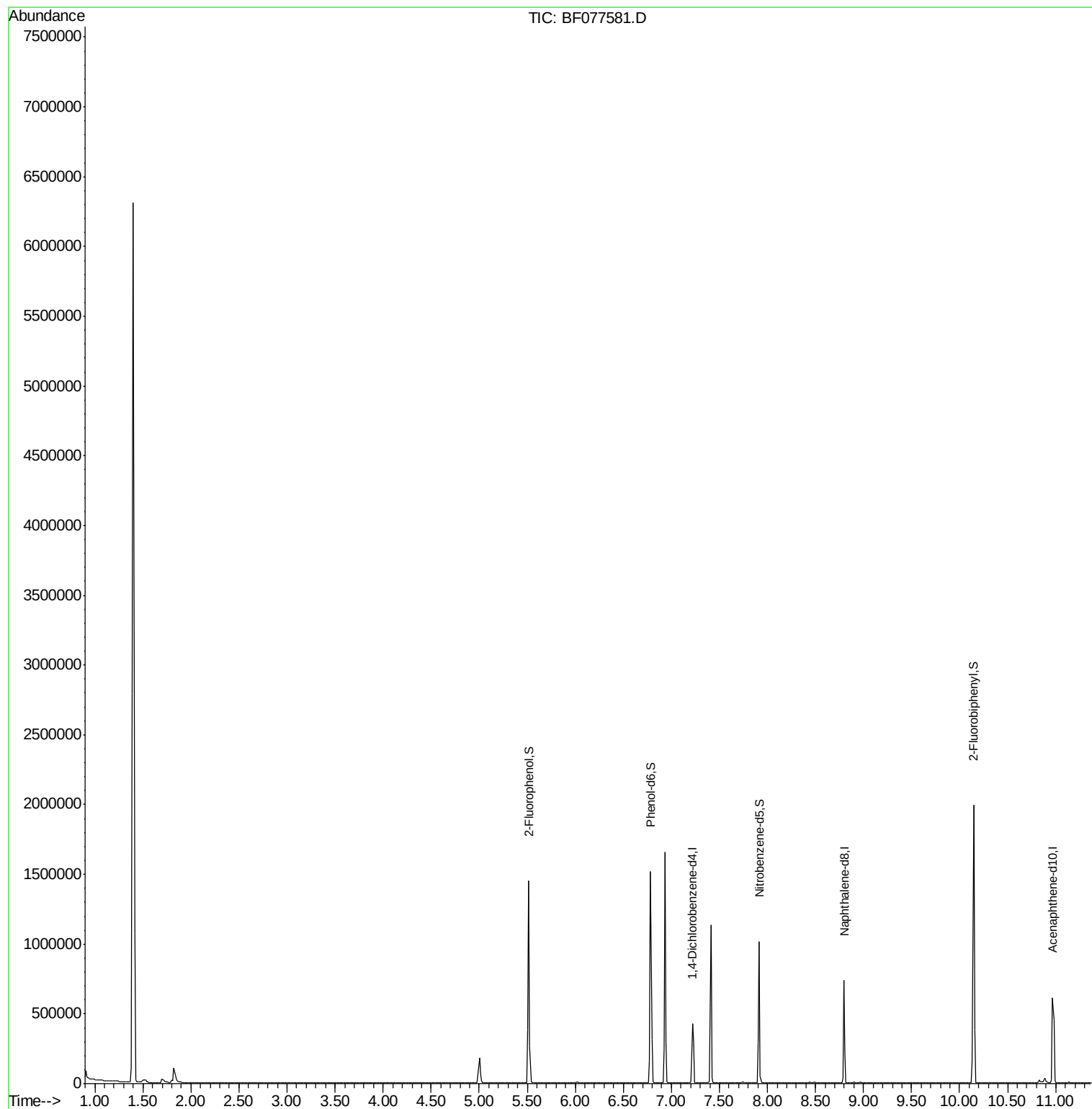
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	83874	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	341339	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	160864	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	324474	20.00	ng	0.00
75) Chrysene-d12	16.10	240	343204	20.00	ng	0.00
86) Perylene-d12	17.85	264	350010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	429432	85.47	ng	0.00
7) Phenol-d6	6.79	99	513648	79.52	ng	0.00
23) Nitrobenzene-d5	7.91	82	317948	57.92	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	123996	80.05	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	600947	58.25	ng	0.00
78) Terphenyl-d14	14.81	244	706900	48.15	ng	0.00
Target Compounds						
76) Benzidine	14.50	184	33112	2.86	ng	Qvalue 98

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

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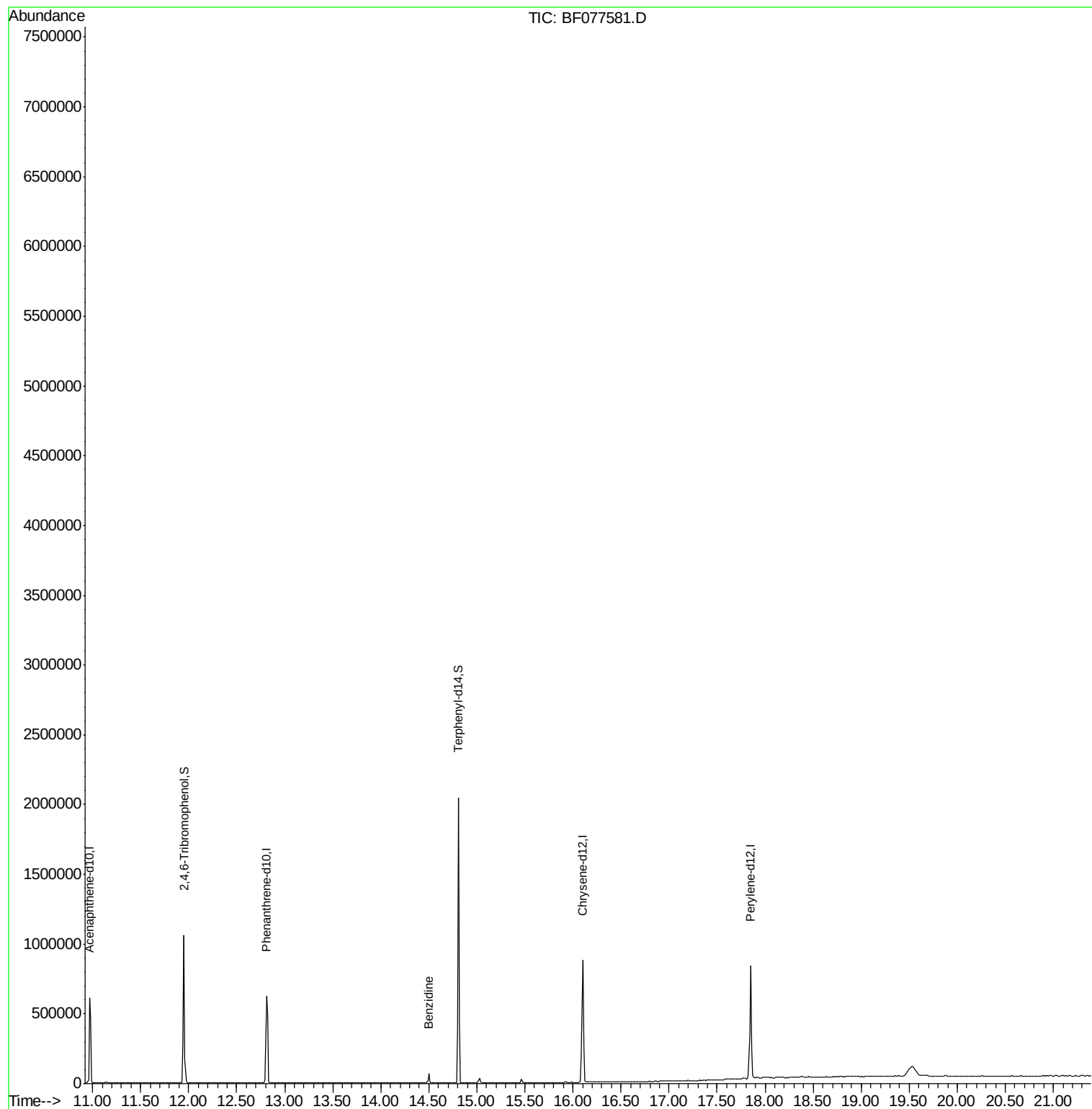
Quant Time: Mar 04 22:11:08 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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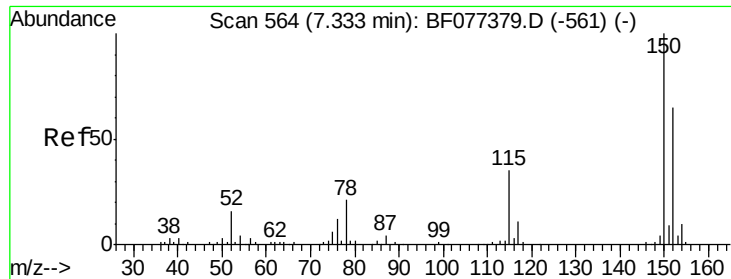


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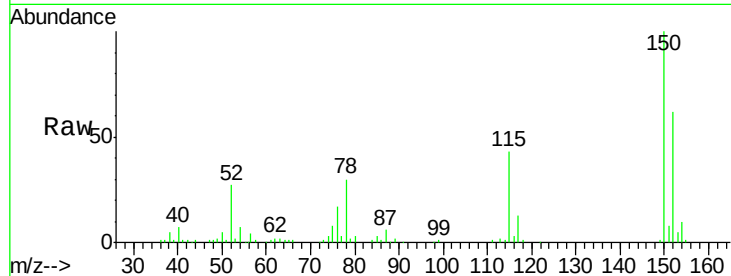




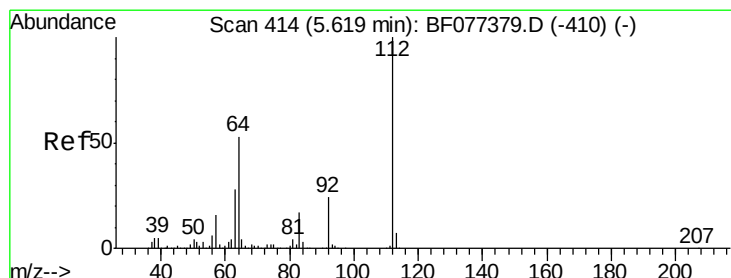
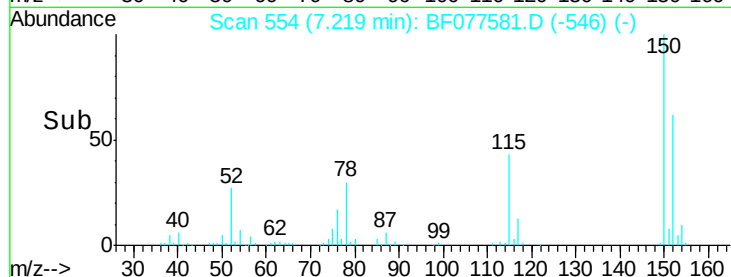
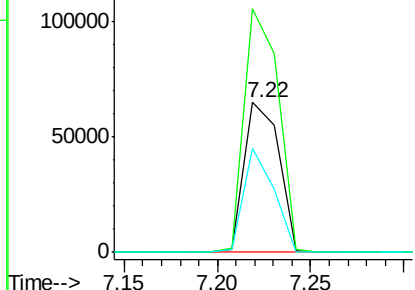
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF077581.D
 Acq: 4 Mar 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BL

Tgt Ion:152 Resp: 83874
 Ion Ratio Lower Upper
 152 100
 150 162.2 124.0 186.0
 115 69.7 49.4 74.2

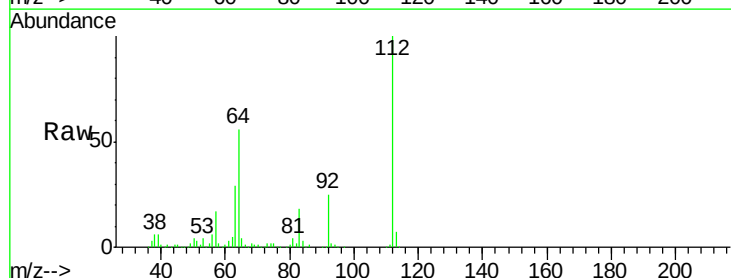


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

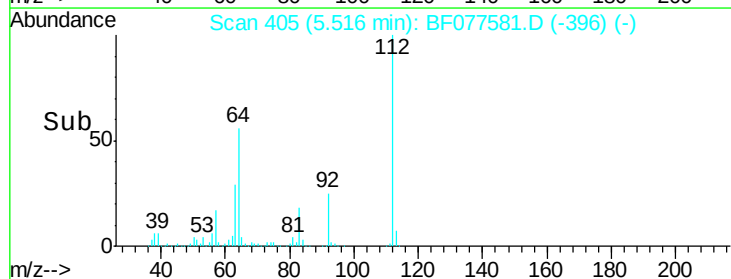
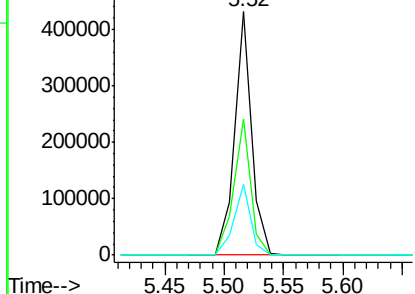


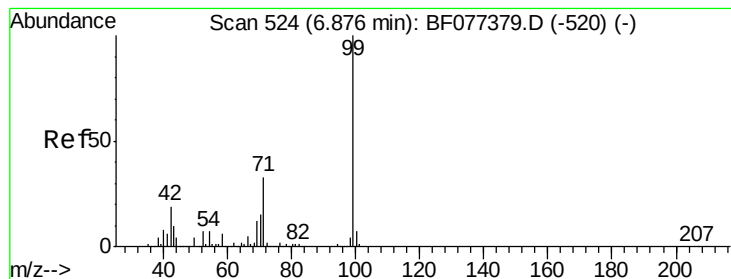
#5
 2-Fluorophenol
 Concen: 85.47 ng
 RT: 5.52 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF077581.D
 Acq: 4 Mar 2015 14:02

Tgt Ion:112 Resp: 429432
 Ion Ratio Lower Upper
 112 100
 64 55.8 48.5 72.7
 63 29.2 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: 79.52 ng

RT: 6.79 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077581.D

Acq: 4 Mar 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB81951BL

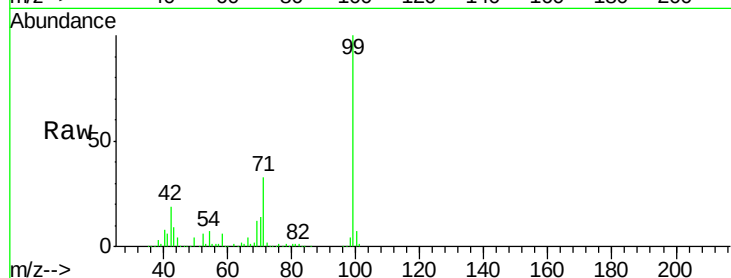
Tgt Ion: 99 Resp: 513648

Ion Ratio Lower Upper

99 100

42 18.5 16.2 24.4

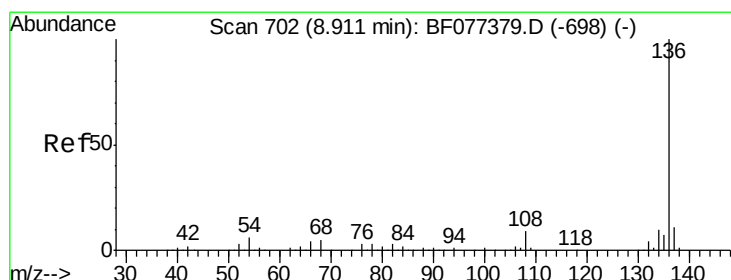
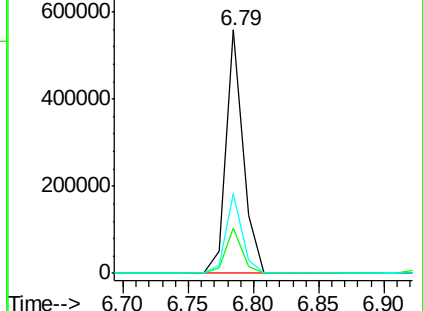
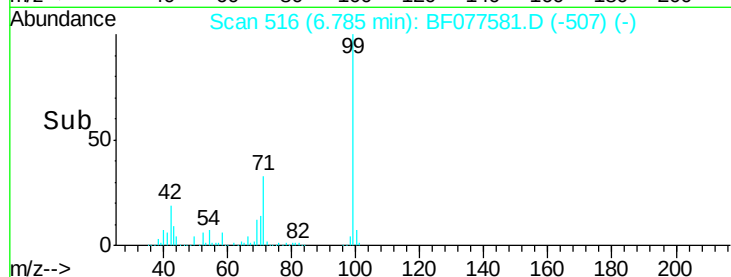
71 32.6 26.7 40.1



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: 8.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF077581.D

Acq: 4 Mar 2015 14:02

Tgt Ion: 136 Resp: 341339

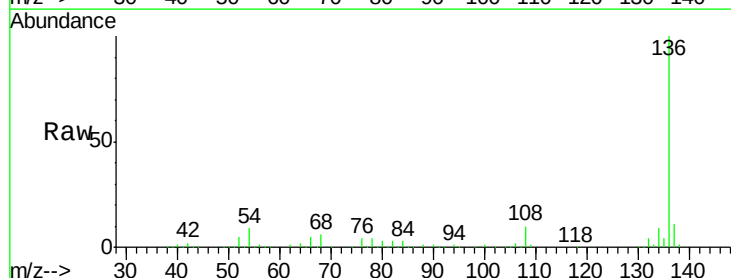
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 8.6 6.2 9.4

68 6.3 5.0 7.6

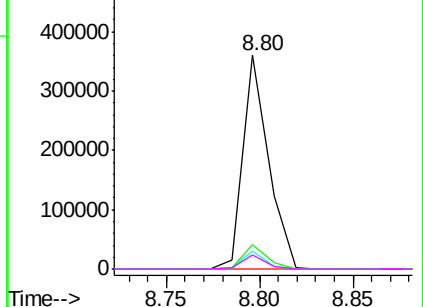
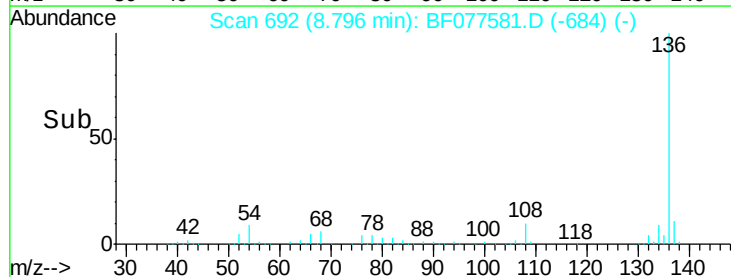


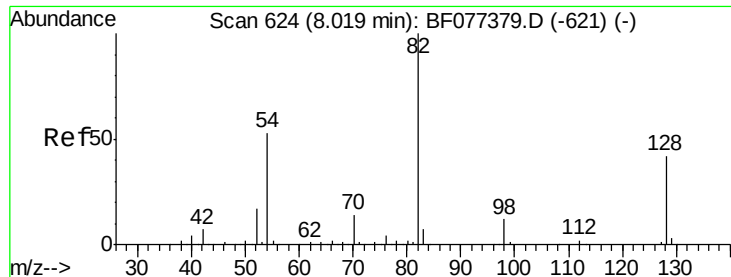
Abundance Ion 136.00 (135.70 to 136.70): E

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

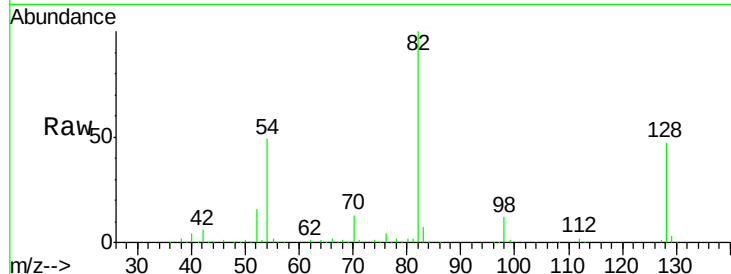




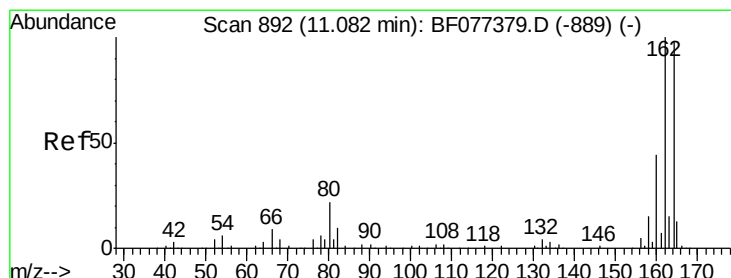
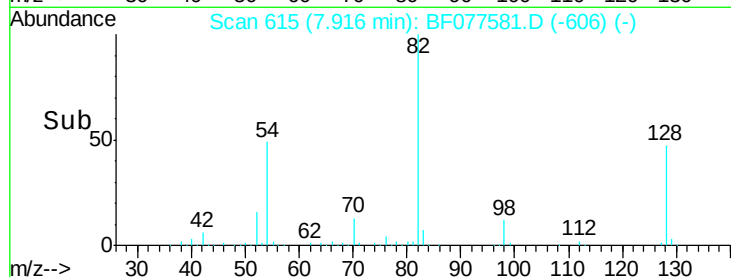
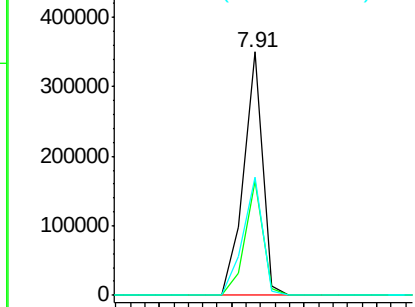
#23
 Nitrobenzene-d5
 Concen: 57.92 ng
 RT: 7.91 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF077581.D
 Acq: 4 Mar 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BL

Tgt Ion: 82 Resp: 317948
 Ion Ratio Lower Upper
 82 100
 128 47.1 43.8 65.8
 54 48.7 36.7 55.1

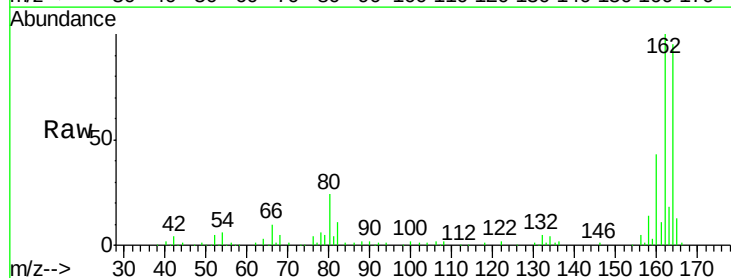


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

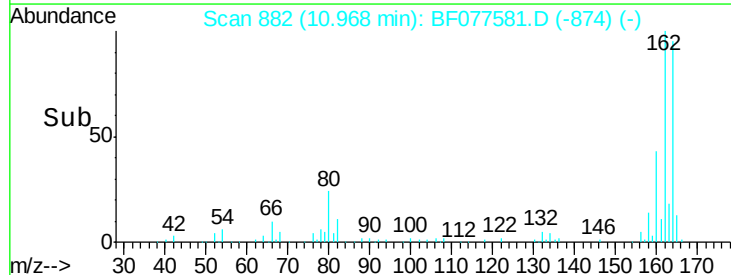
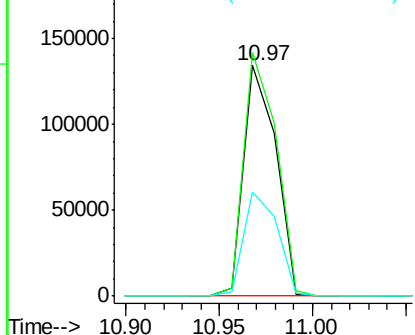


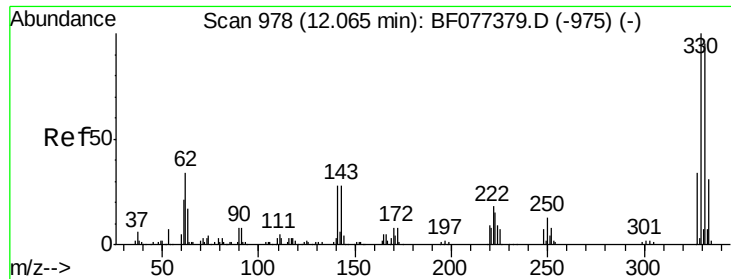
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF077581.D
 Acq: 4 Mar 2015 14:02

Tgt Ion: 164 Resp: 160864
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.2 124.8
 160 45.2 34.6 52.0



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

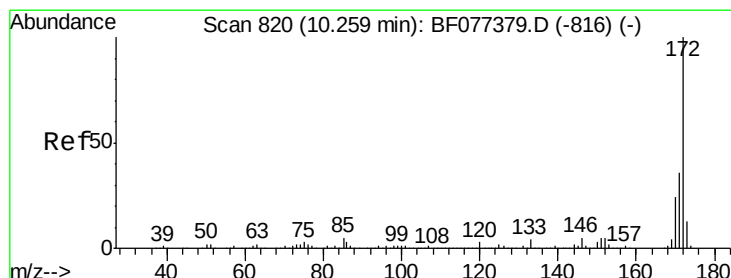
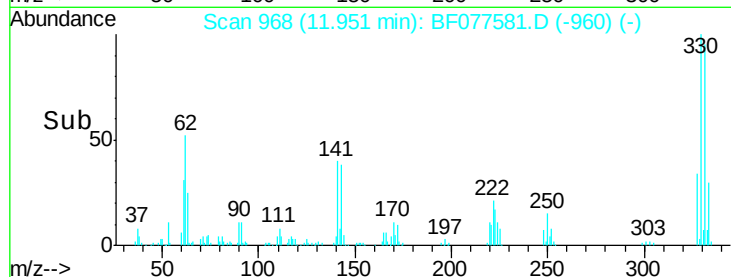
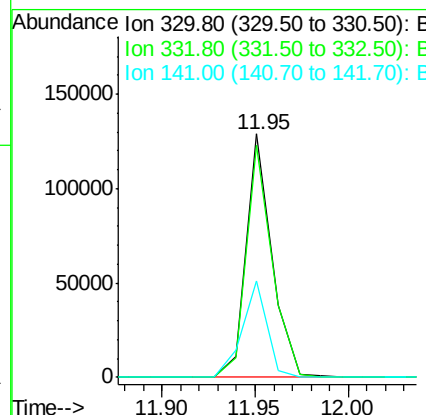
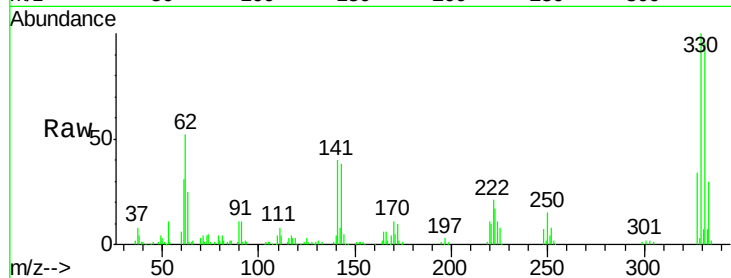




#41
 2,4,6-Tribromophenol
 Concen: 80.05 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077581.D
 Acq: 4 Mar 2015 14:02

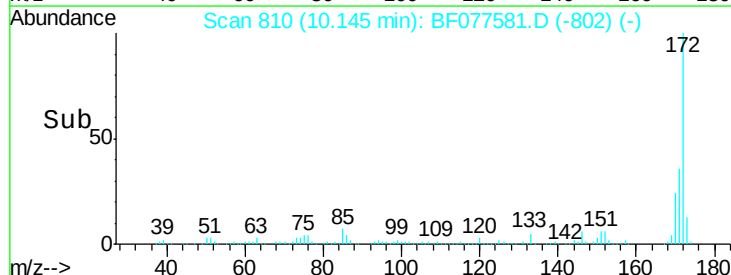
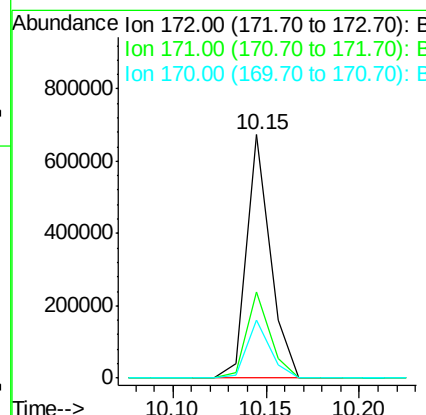
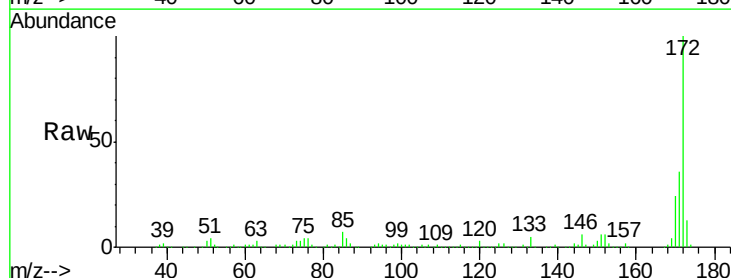
Instrument :
 BNA_F
 ClientSampleId :
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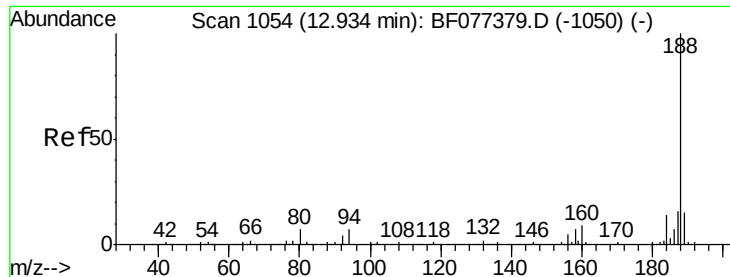
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	38.7	28.8	43.2



#44
 2-Fluorobiphenyl
 Concen: 58.25 ng
 RT: 10.15 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077581.D
 Acq: 4 Mar 2015 14:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.0	19.4	29.2

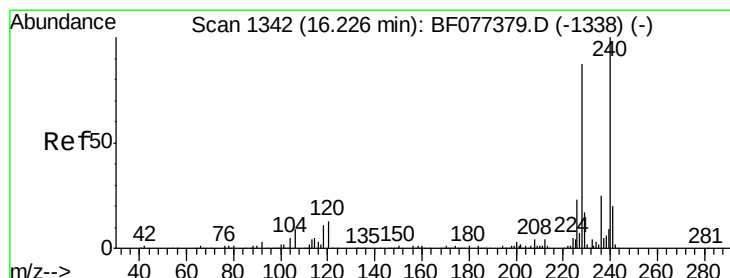
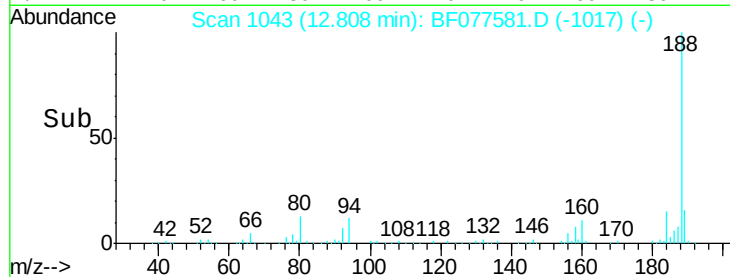
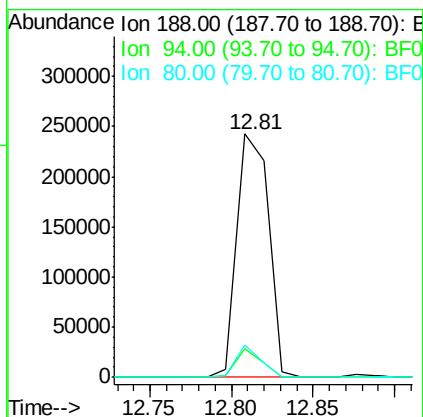
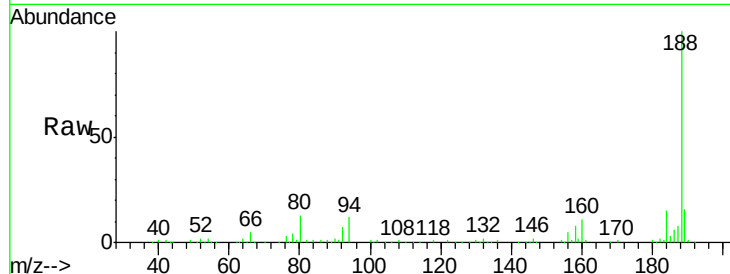




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF077581.D
Acq: 4 Mar 2015 14:02

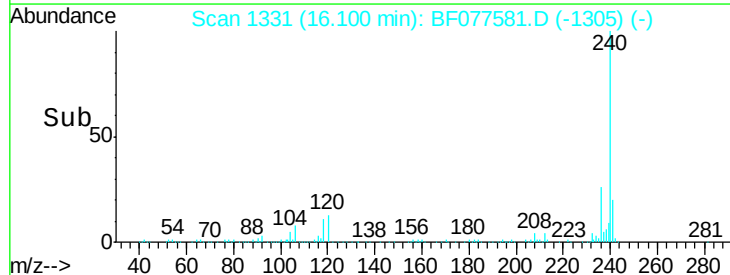
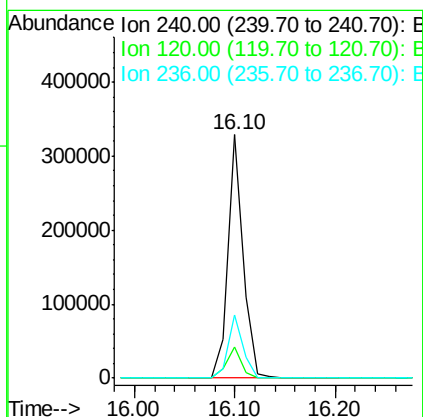
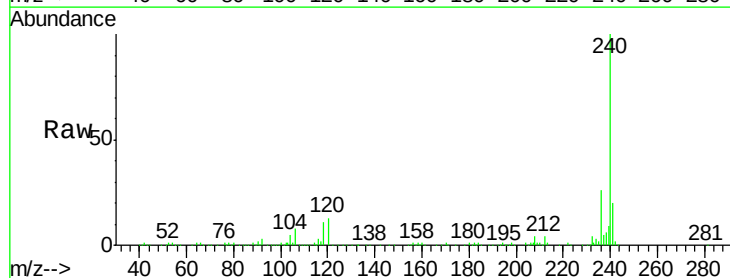
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ClientSampleId :
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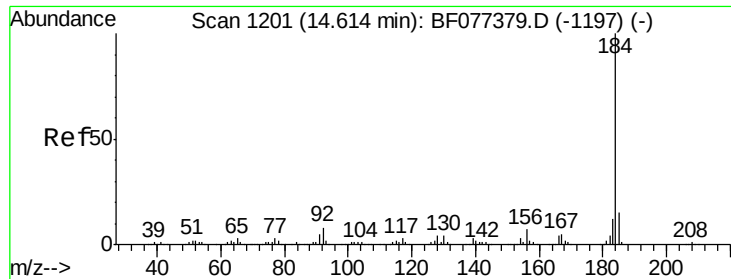
Tgt Ion:188 Resp: 324474
Ion Ratio Lower Upper
188 100
94 12.0 7.4 11.2#
80 13.2 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF077581.D
Acq: 4 Mar 2015 14:02

Tgt Ion:240 Resp: 343204
Ion Ratio Lower Upper
240 100
120 12.7 8.8 13.2
236 26.0 20.7 31.1

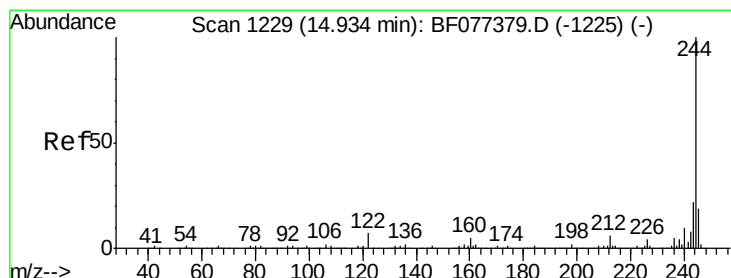
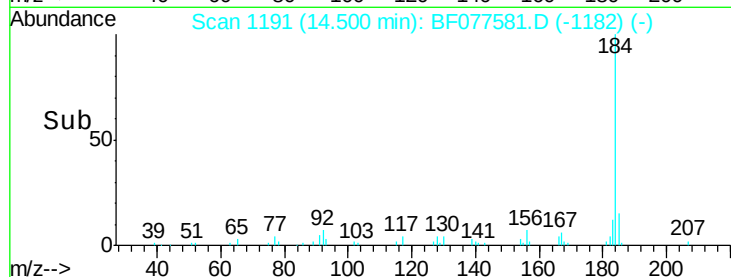
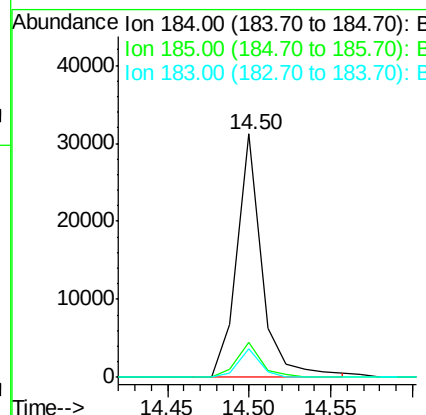
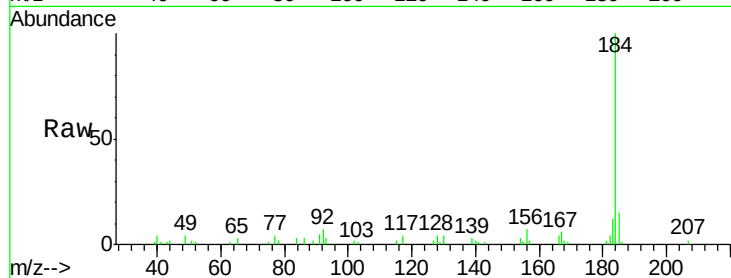




#76
Benzidine
Concen: 2.86 ng
RT: 14.50 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF077581.D
Acq: 4 Mar 2015 14:02

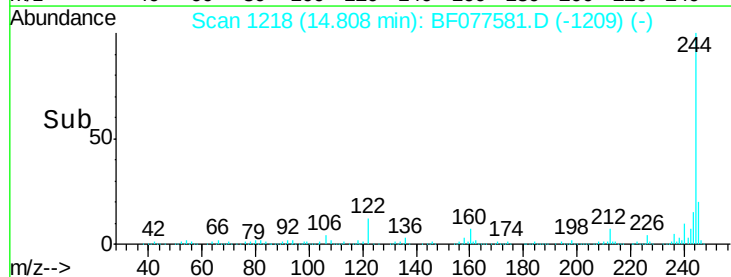
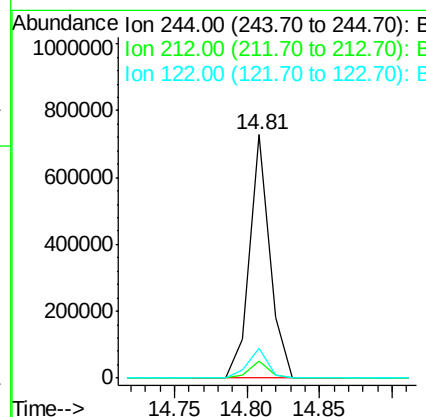
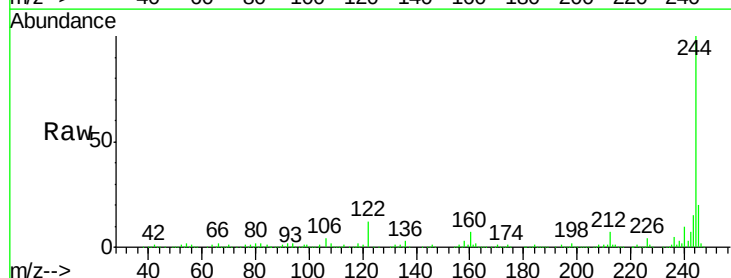
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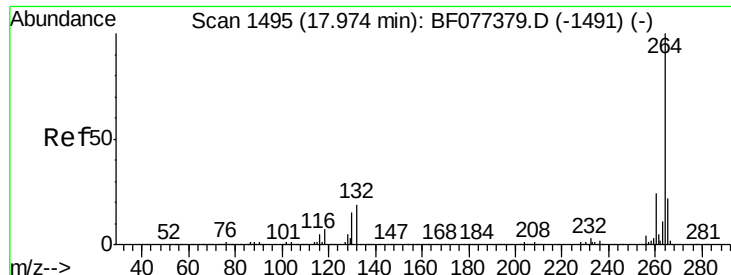
Tgt Ion:184 Resp: 33112
Ion Ratio Lower Upper
184 100
185 14.6 12.6 18.8
183 11.8 9.3 13.9



#78
Terphenyl-d14
Concen: 48.15 ng
RT: 14.81 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF077581.D
Acq: 4 Mar 2015 14:02

Tgt Ion:244 Resp: 706900
Ion Ratio Lower Upper
244 100
212 6.8 5.2 7.8
122 12.4 7.8 11.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.85 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF077581.D
Acq: 4 Mar 2015 14:02

Instrument :
BNA_F
ClientSampleId :
PB81951BL

Tgt Ion: 264 Resp: 350010
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 21.8 16.8 25.2

