

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031015\
 Data File : BF077662.D
 Acq On : 10 Mar 2015 15:46
 Operator : TP/IZ
 Sample : G1442-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-073-3515DL

Quant Time: Mar 11 00:12:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

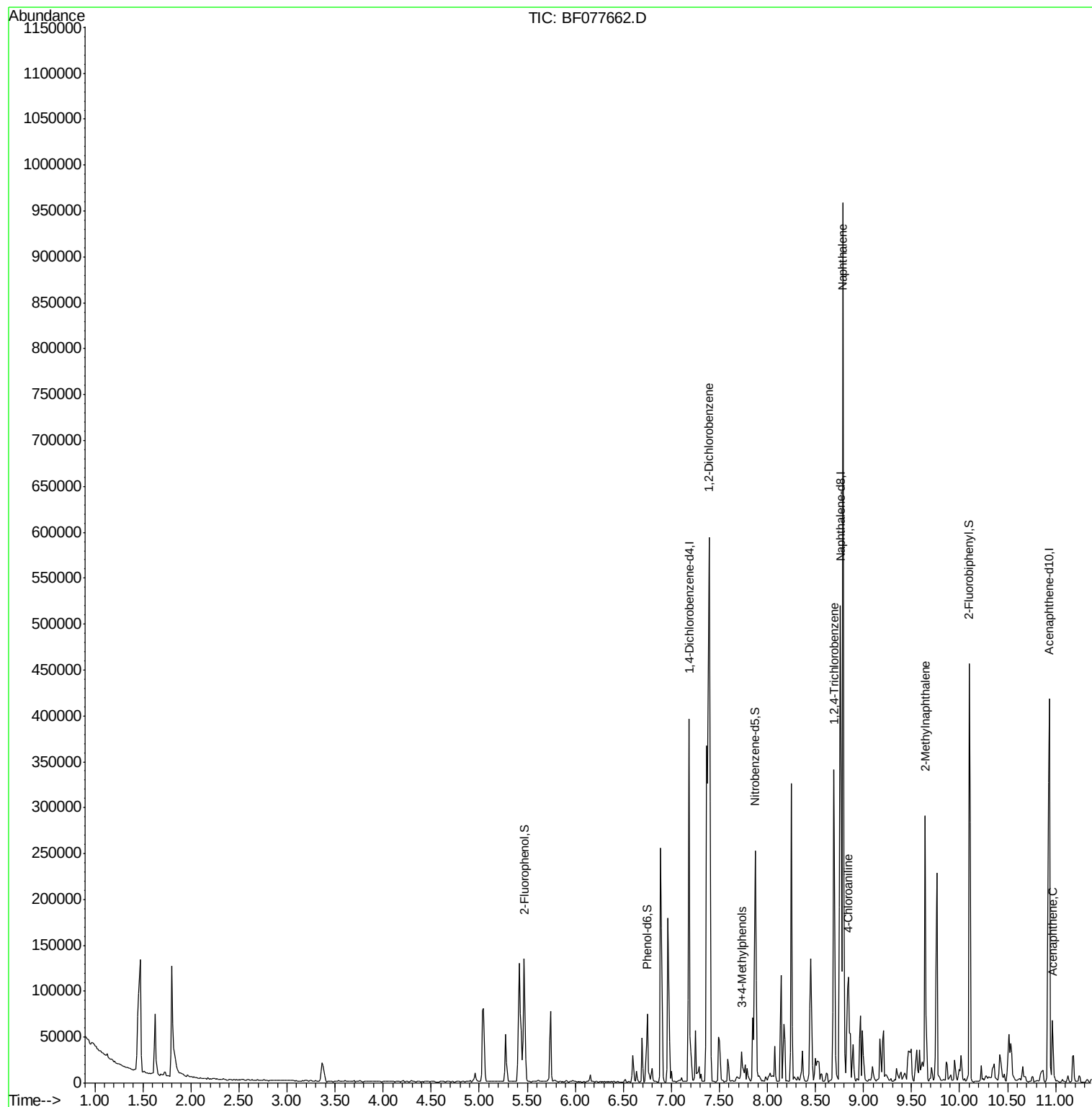
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	61597	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	251178	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	115332	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	222636	20.00	ng	0.00
75) Chrysene-d12	16.05	240	252867	20.00	ng	-0.03
86) Perylene-d12	17.80	264	252782	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	43612	11.82	ng	0.00
7) Phenol-d6	6.75	99	33276	7.01	ng	0.00
23) Nitrobenzene-d5	7.87	82	81457	20.17	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	31355	28.23	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	179772	24.30	ng	0.00
78) Terphenyl-d14	14.76	244	193250	17.87	ng	0.00
Target Compounds						Qvalue
14) 1,2-Dichlorobenzene	7.39	146	148437	32.36	ng	98
20) 3+4-Methylphenols	7.73	107	12707	2.84	ng	# 26
30) 1,2,4-Trichlorobenzene	8.69	180	62288	15.49	ng	97
31) Naphthalene	8.79	128	414262	32.98	ng	100
33) 4-Chloroaniline	8.85	127	57991	10.38	ng	97
37) 2-Methylnaphthalene	9.64	142	79529	8.92	ng	98
51) Acenaphthene	10.97	154	15276	2.36	ng	99
57) Fluorene	11.61	166	16972	2.12	ng	97

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

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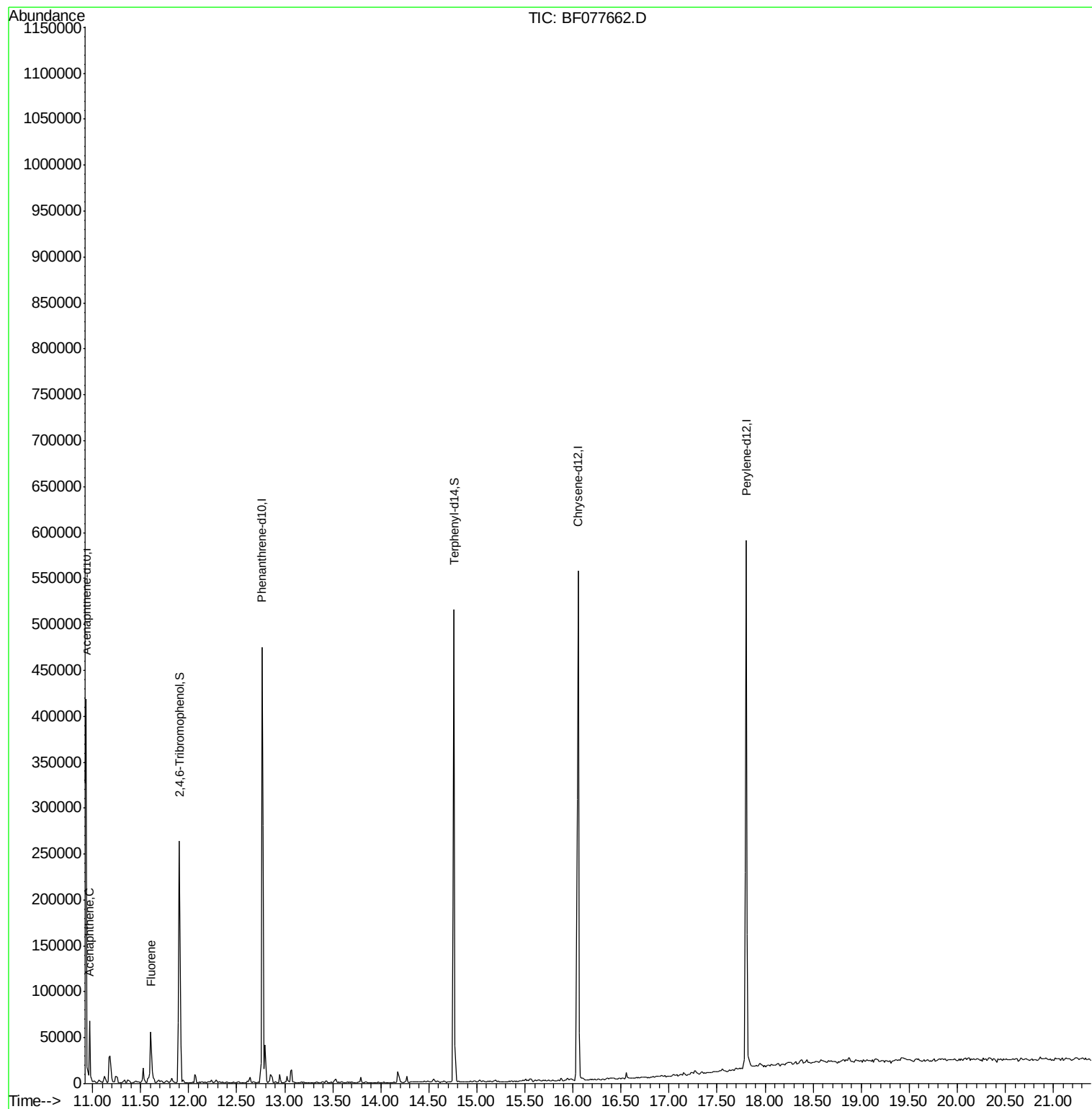
Quant Time: Mar 11 00:12:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 00:54:19 2015
Response via : Initial Calibration

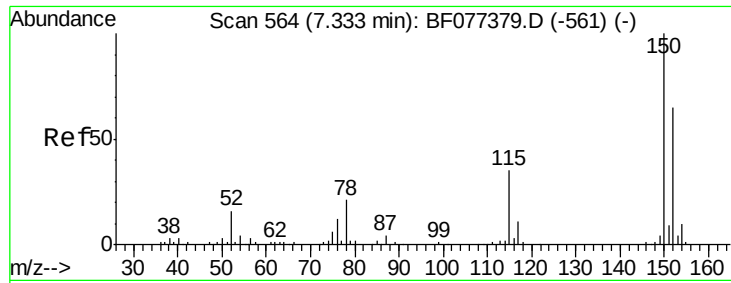


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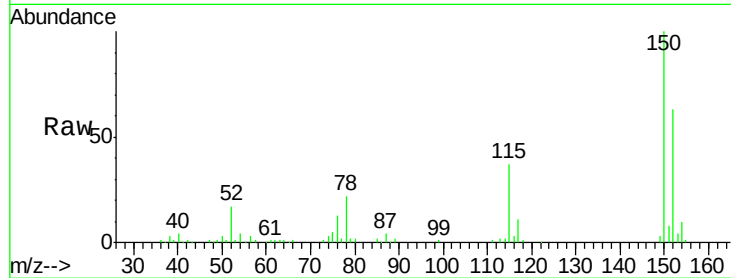


#1

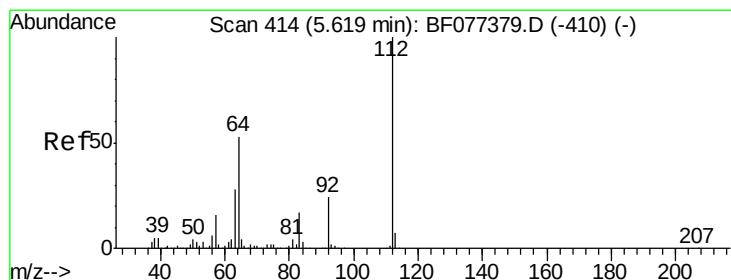
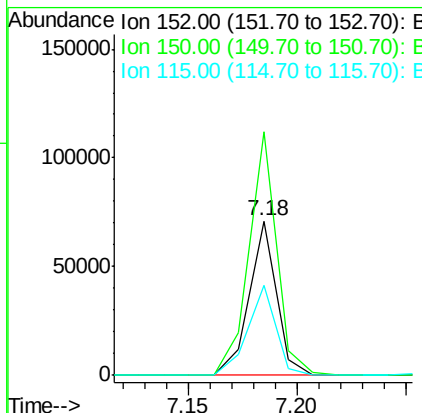
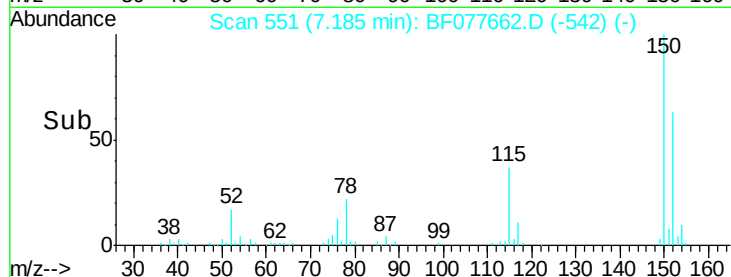
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF077662.D
 Acq: 10 Mar 2015 15:46

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-073-3515DL

Tgt Ion:152 Resp: 61597
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.0 186.0
 115 58.3 49.4 74.2



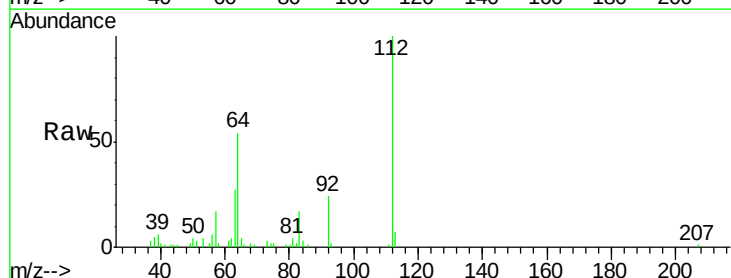
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



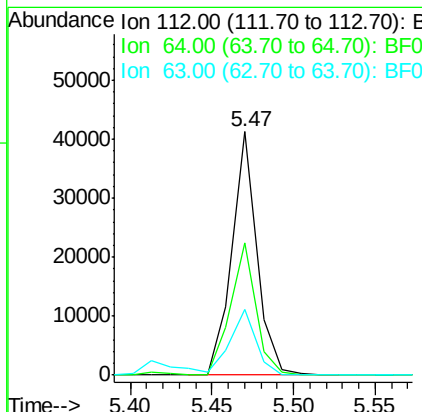
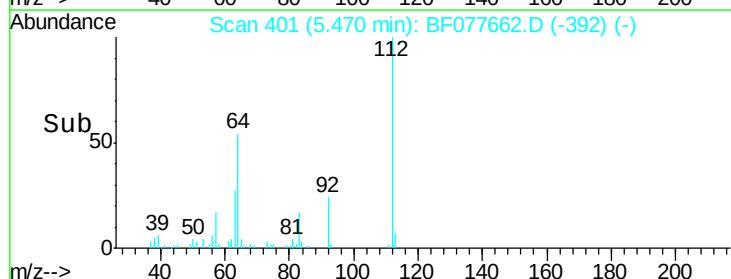
#5

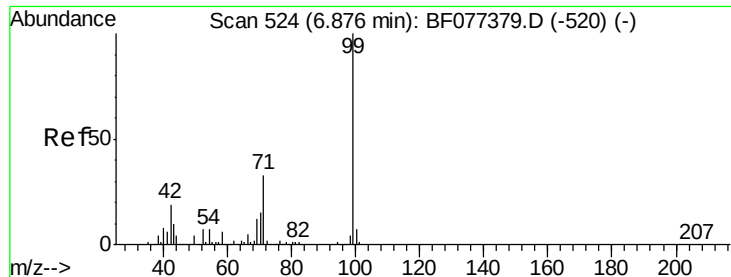
2-Fluorophenol
 Concen: 11.82 ng
 RT: 5.47 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF077662.D
 Acq: 10 Mar 2015 15:46

Tgt Ion:112 Resp: 43612
 Ion Ratio Lower Upper
 112 100
 64 54.4 48.5 72.7
 63 27.1 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: 7.01 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077662.D

Acq: 10 Mar 2015 15:46

Instrument :

BNA_F

ClientSampleId :

DCW-WW-073-3515DL

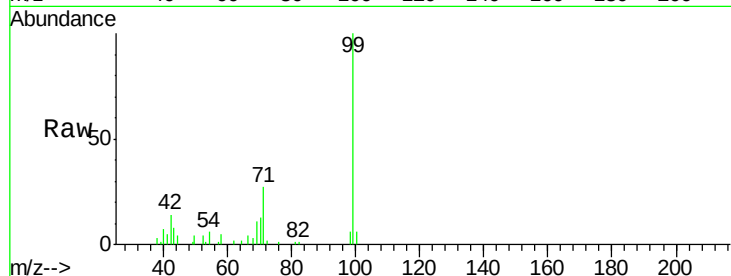
Tgt Ion: 99 Resp: 33276

Ion Ratio Lower Upper

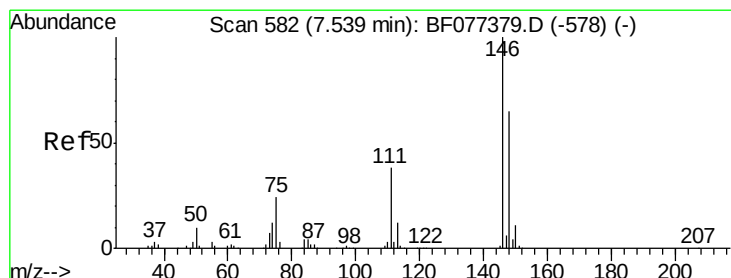
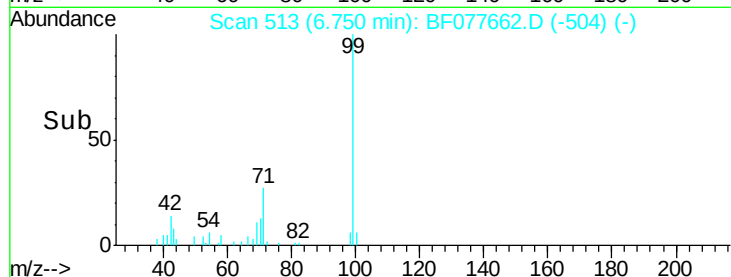
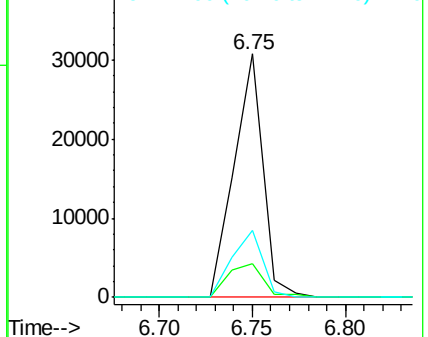
99 100

42 13.6 16.2 24.4#

71 27.3 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



#14

1,2-Dichlorobenzene

Concen: 32.36 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF077662.D

Acq: 10 Mar 2015 15:46

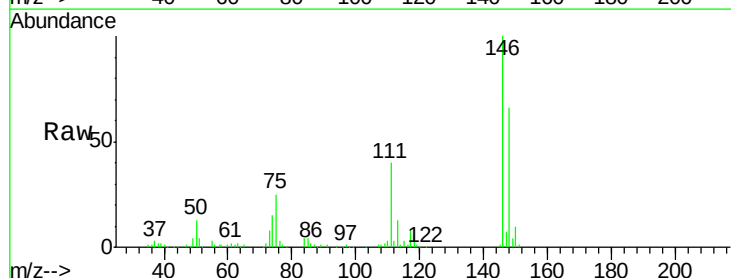
Tgt Ion: 146 Resp: 148437

Ion Ratio Lower Upper

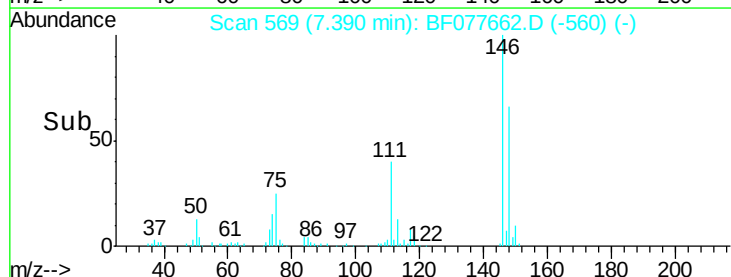
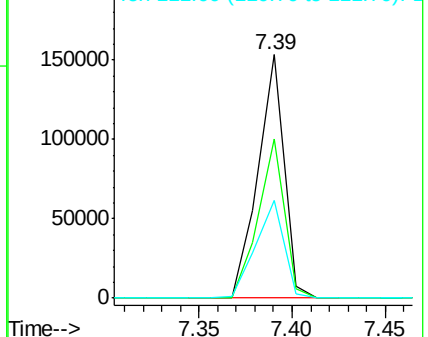
146 100

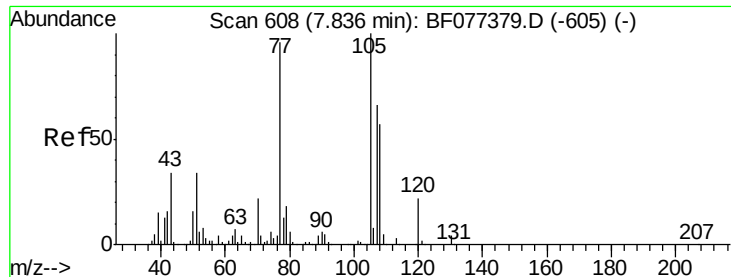
148 65.6 51.6 77.4

111 40.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

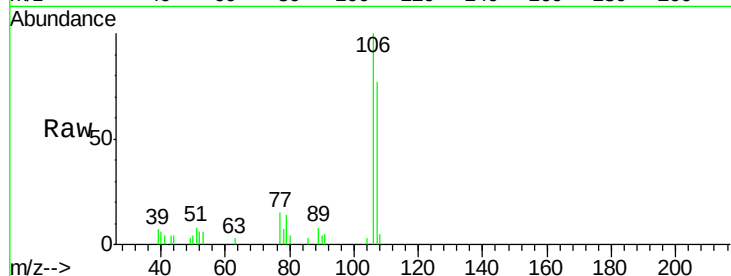




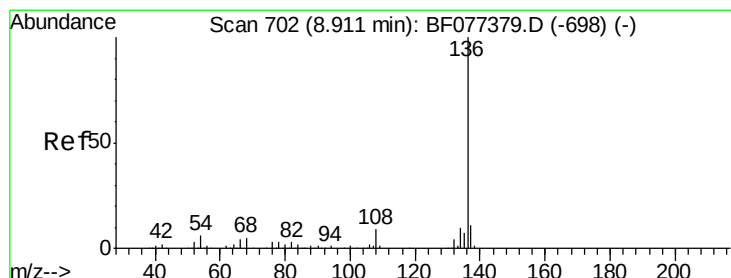
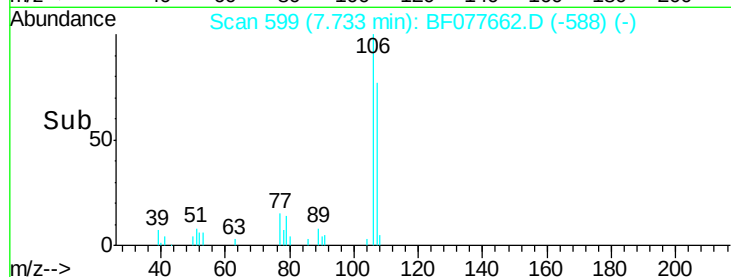
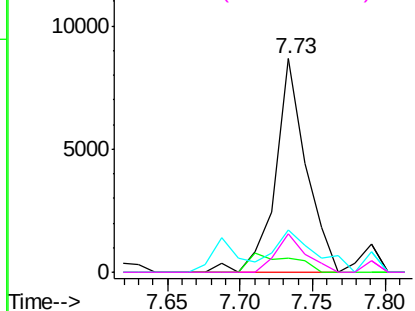
#20
3+4-Methylphenols
Concen: 2.84 ng
RT: 7.73 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-073-3515DL

Tgt Ion	Ratio	Lower	Upper
107	100		
108	6.8	76.8	116.8#
77	19.7	65.8	105.8#
79	17.7	9.6	49.6

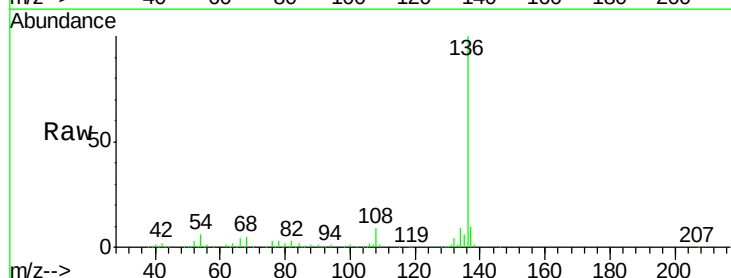


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

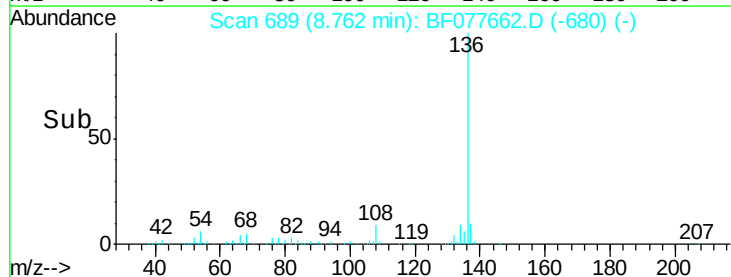
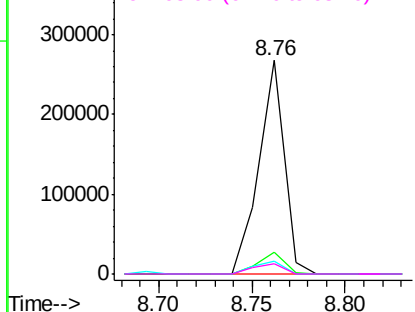


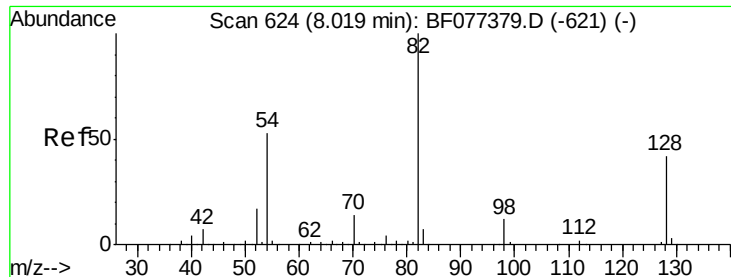
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.1	6.2	9.4#
68	4.9	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

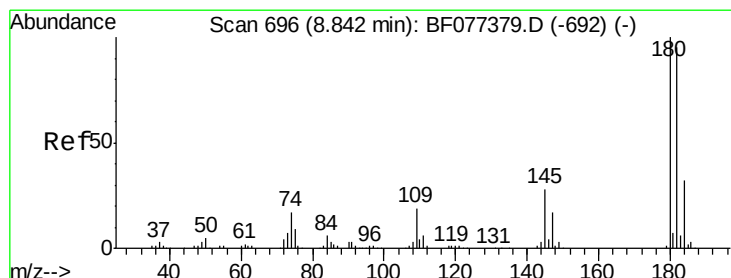
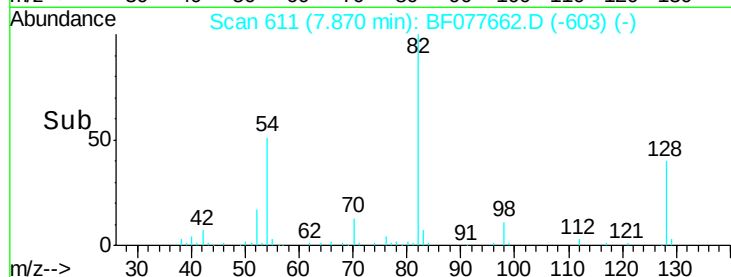
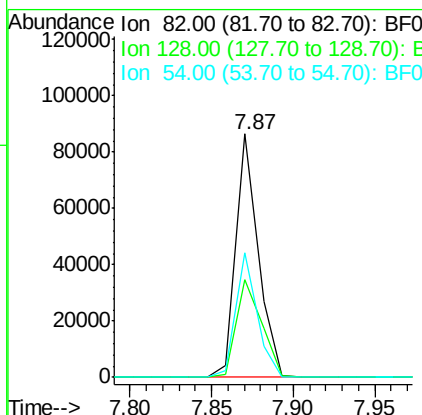
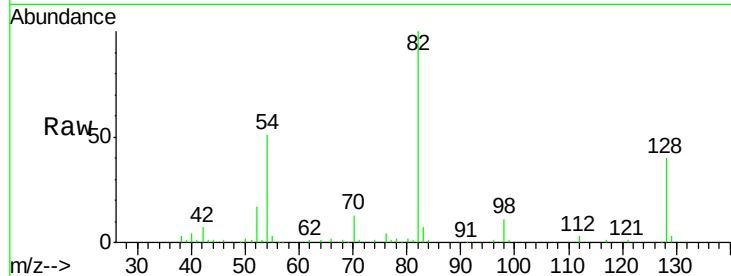




#23
 Nitrobenzene-d5
 Concen: 20.17 ng
 RT: 7.87 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF077662.D
 Acq: 10 Mar 2015 15:46

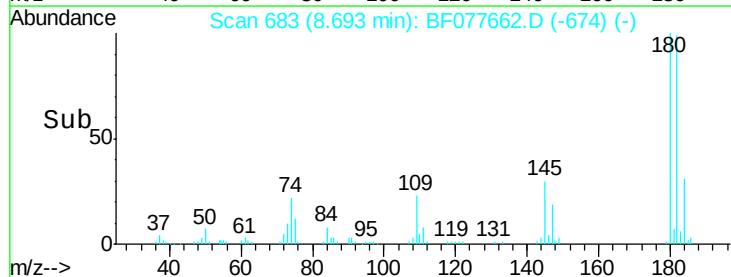
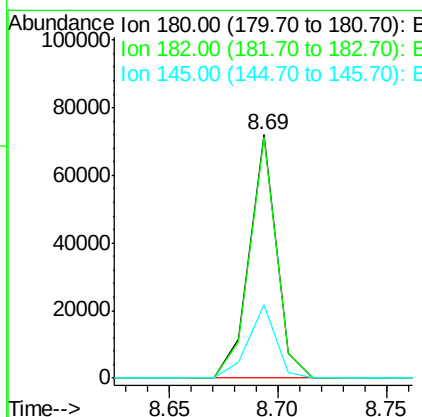
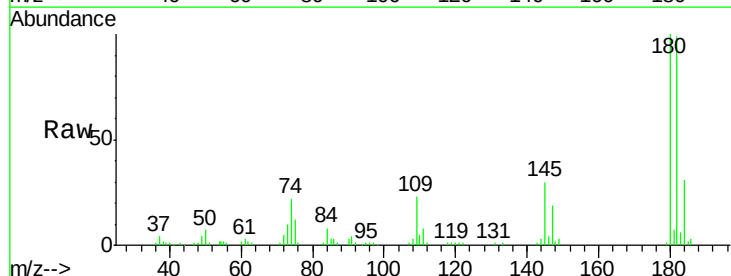
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-073-3515DL

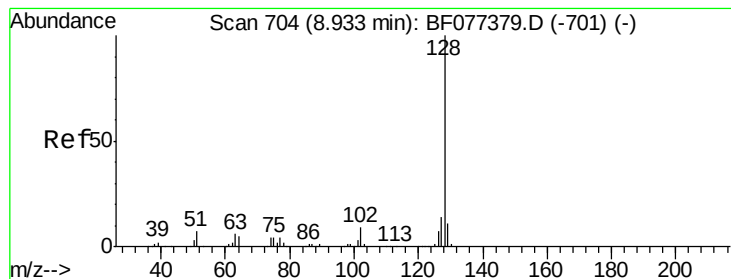
Tgt Ion: 82 Resp: 81457
 Ion Ratio Lower Upper
 82 100
 128 39.9 43.8 65.8#
 54 51.1 36.7 55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 15.49 ng
 RT: 8.69 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF077662.D
 Acq: 10 Mar 2015 15:46

Tgt Ion: 180 Resp: 62288
 Ion Ratio Lower Upper
 180 100
 182 99.2 76.2 114.4
 145 30.0 24.5 36.7





#31

Naphthalene

Concen: 32.98 ng

RT: 8.79 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF077662.D

Acq: 10 Mar 2015 15:46

Instrument :

BNA_F

ClientSampleId :

DCW-WW-073-3515DL

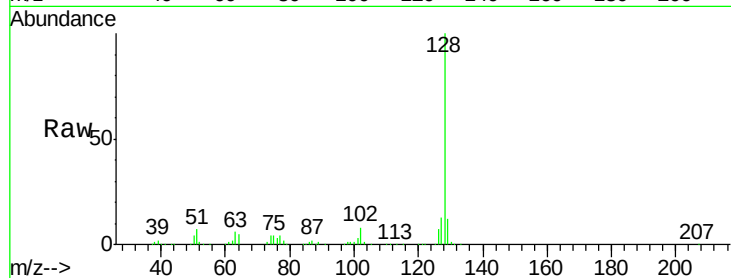
Tgt Ion:128 Resp: 414262

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

127 13.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

600000

500000

400000

300000

200000

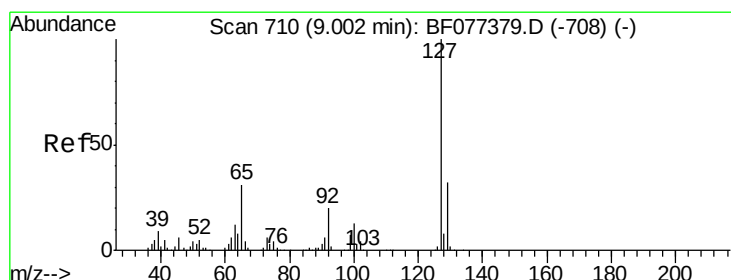
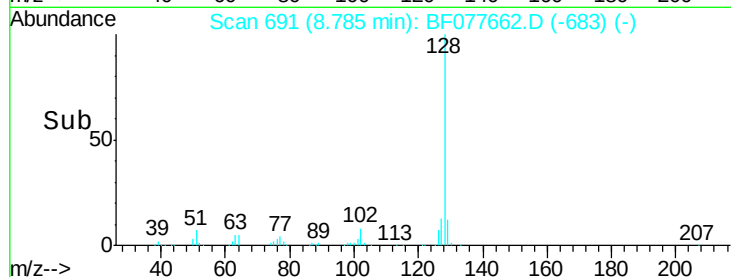
100000

0

8.79

8.75 8.79 8.83 8.85

Time-->



#33

4-Chloroaniline

Concen: 10.38 ng

RT: 8.85 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF077662.D

Acq: 10 Mar 2015 15:46

Tgt Ion:127 Resp: 57991

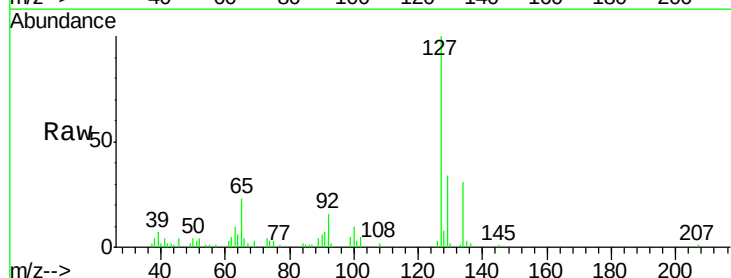
Ion Ratio Lower Upper

127 100

129 34.4 26.9 40.3

65 23.5 16.7 25.1

92 16.5 12.5 18.7



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

80000

60000

40000

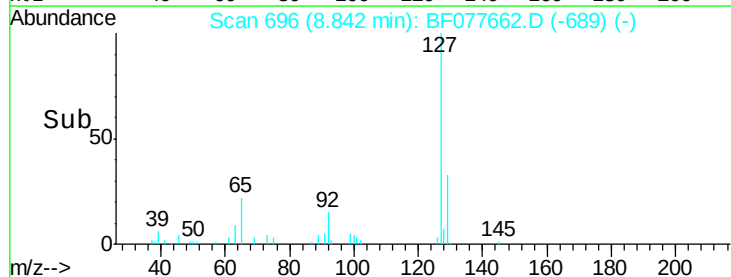
20000

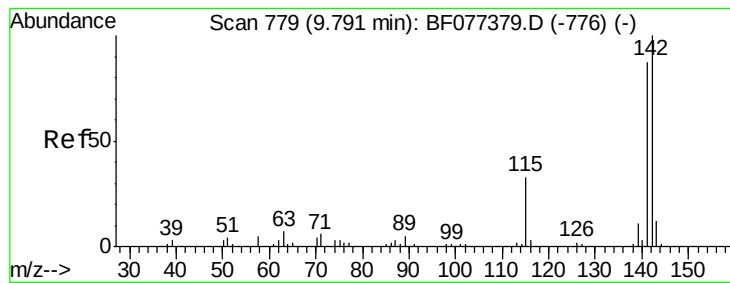
0

8.85

8.80 8.85 8.90 8.95

Time-->





#37

2-Methylnaphthalene

Concen: 8.92 ng

RT: 9.64 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF077662.D

Acq: 10 Mar 2015 15:46

Instrument :

BNA_F

ClientSampleId :

DCW-WW-073-3515DL

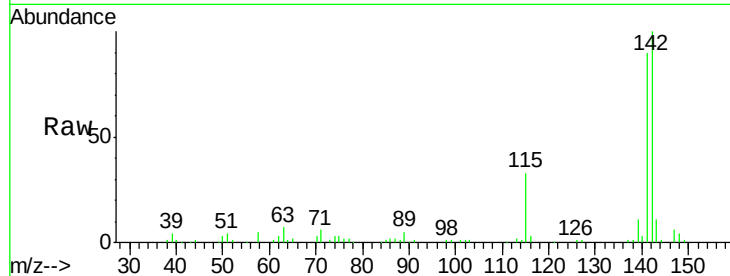
Tgt Ion:142 Resp: 79529

Ion Ratio Lower Upper

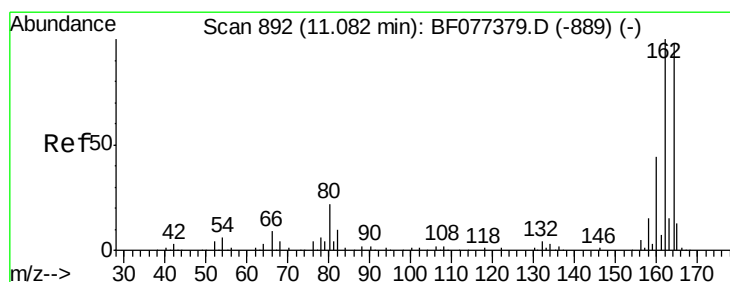
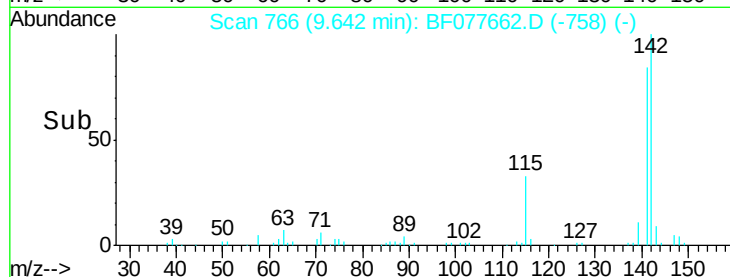
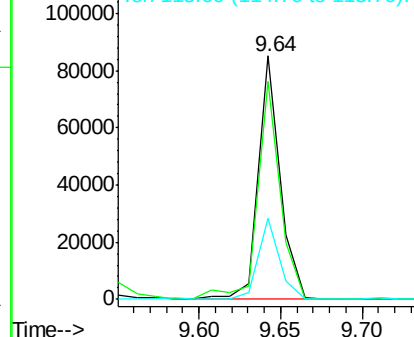
142 100

141 89.8 70.7 106.1

115 33.1 24.2 36.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.93 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF077662.D

Acq: 10 Mar 2015 15:46

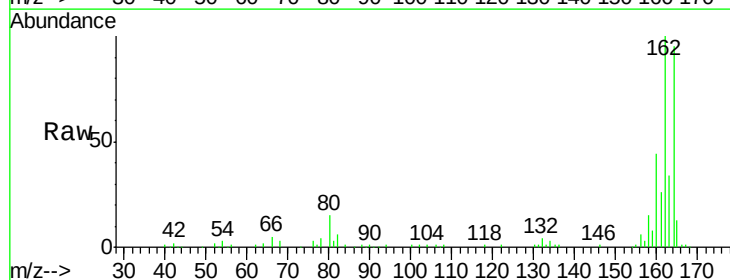
Tgt Ion:164 Resp: 115332

Ion Ratio Lower Upper

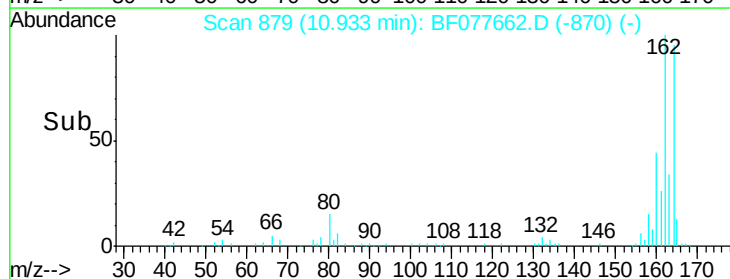
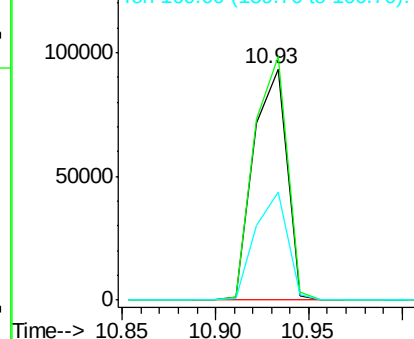
164 100

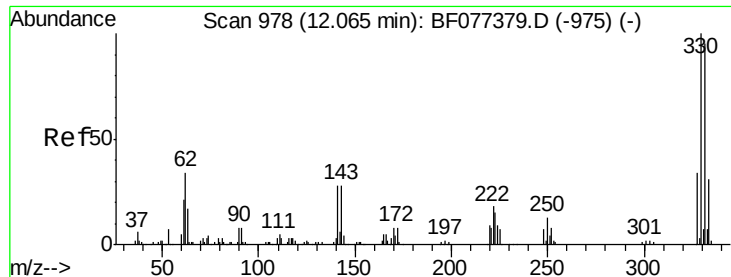
162 105.2 83.2 124.8

160 46.7 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

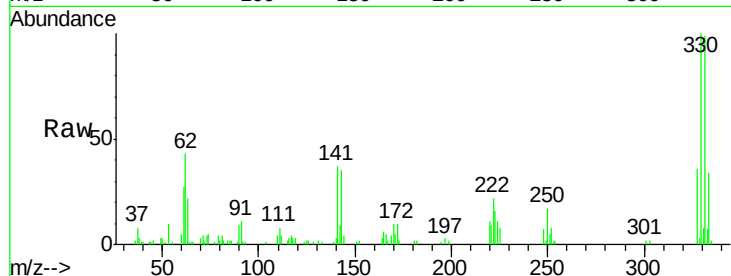




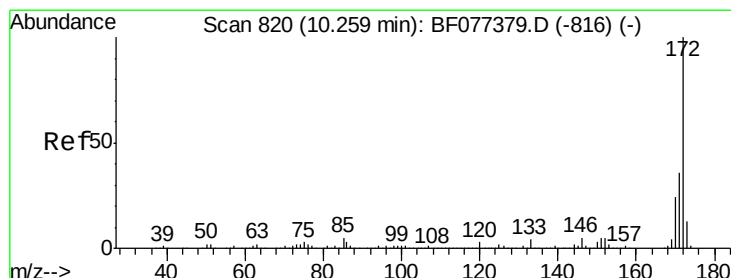
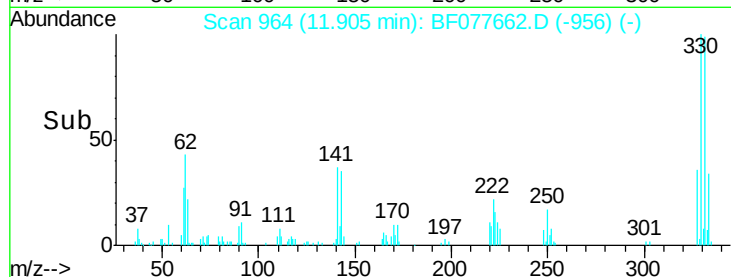
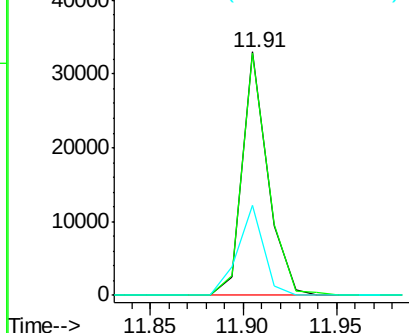
#41
 2,4,6-Tribromophenol
 Concen: 28.23 ng
 RT: 11.91 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF077662.D
 Acq: 10 Mar 2015 15:46

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-073-3515DL

Tgt Ion:330 Resp: 31355
 Ion Ratio Lower Upper
 330 100
 332 100.5 77.4 116.2
 141 37.7 28.8 43.2

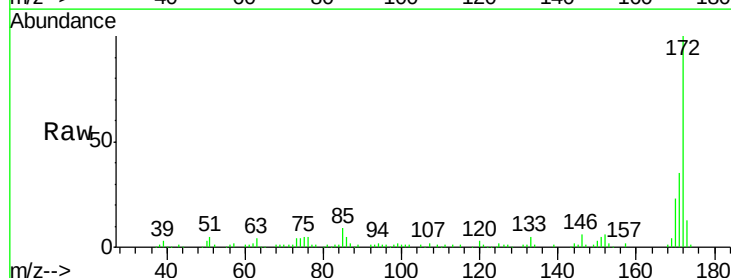


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

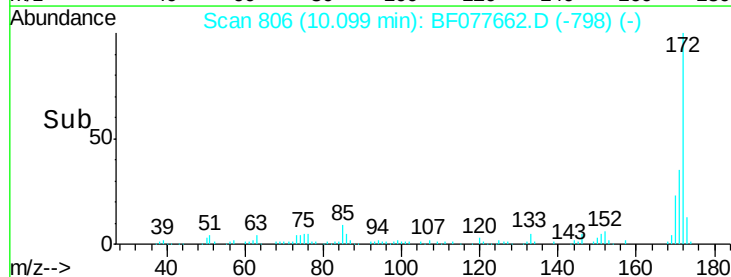
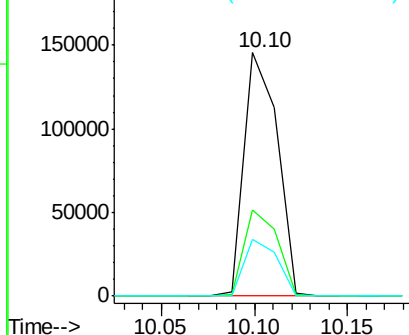


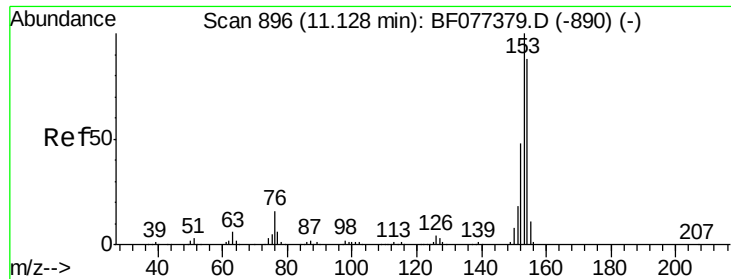
#44
 2-Fluorobiphenyl
 Concen: 24.30 ng
 RT: 10.10 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF077662.D
 Acq: 10 Mar 2015 15:46

Tgt Ion:172 Resp: 179772
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.3 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





#51

Acenaphthene

Concen: 2.36 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF077662.D

Acq: 10 Mar 2015 15:46

Instrument :

BNA_F

ClientSampleId :

DCW-WW-073-3515DL

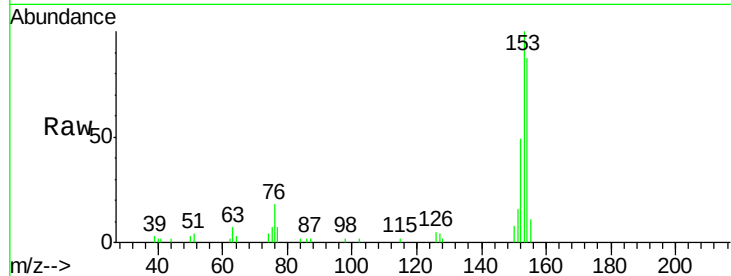
Tgt Ion:154 Resp: 15276

Ion Ratio Lower Upper

154 100

153 114.4 90.5 135.7

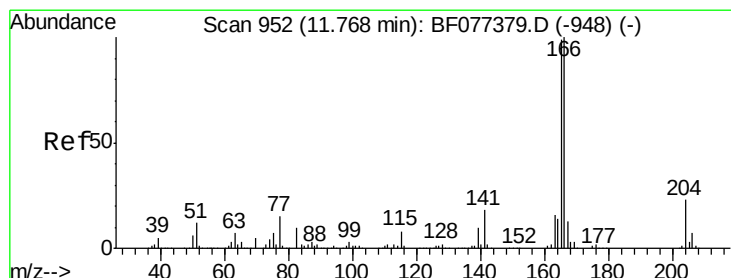
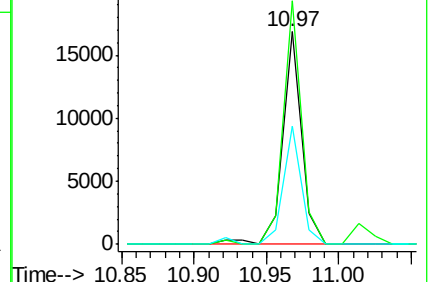
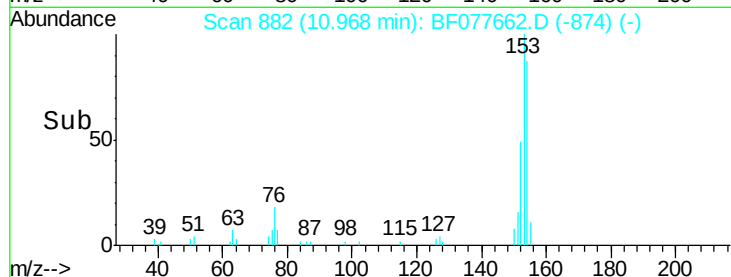
152 55.8 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 2.12 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF077662.D

Acq: 10 Mar 2015 15:46

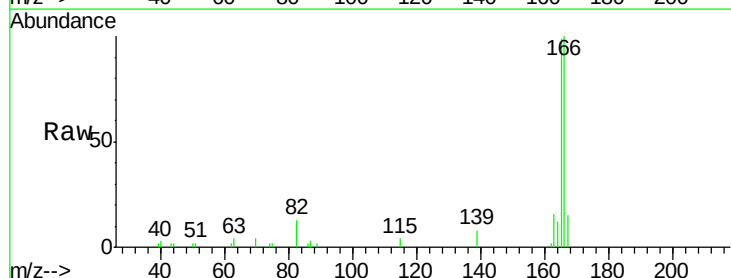
Tgt Ion:166 Resp: 16972

Ion Ratio Lower Upper

166 100

165 99.4 77.6 116.4

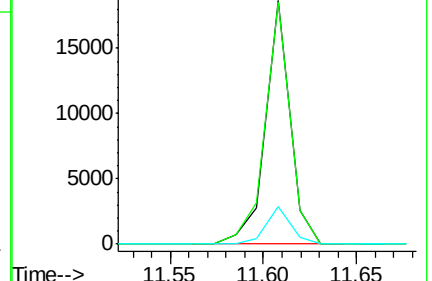
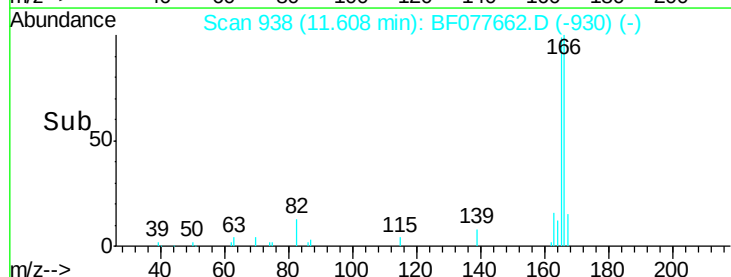
167 15.3 10.6 16.0

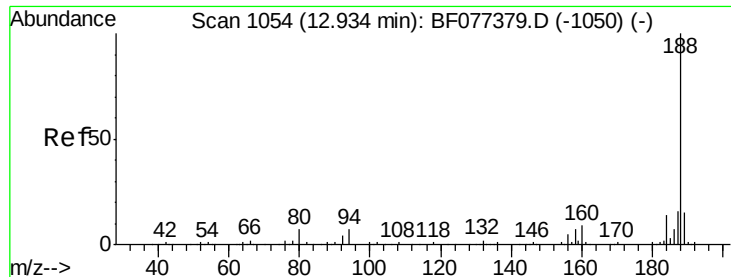


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

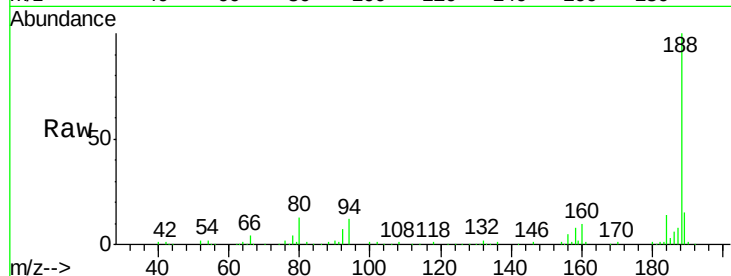




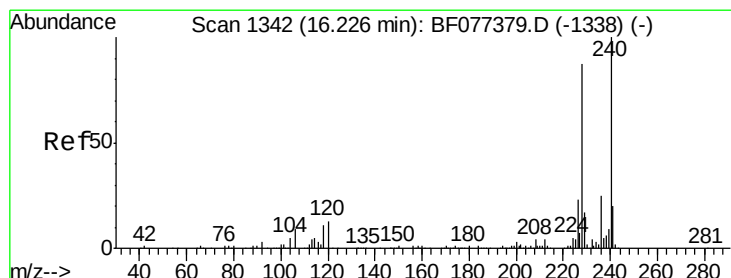
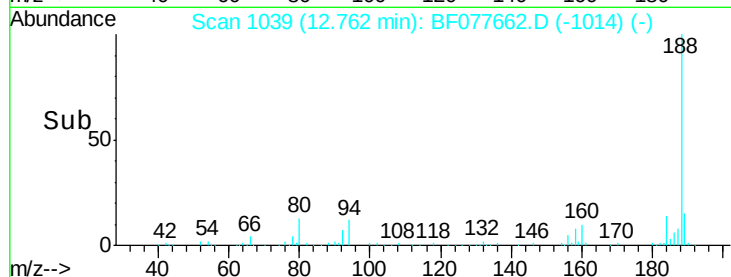
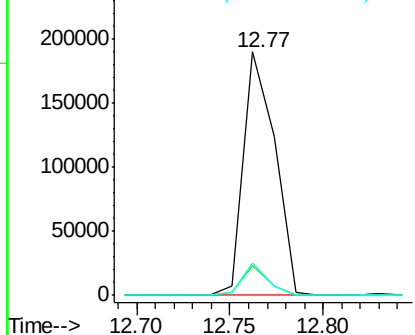
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Instrument :
BNA_F
ClientSampleId :
DCW-WW-073-3515DL

Tgt Ion:188 Resp: 222636
Ion Ratio Lower Upper
188 100
94 12.3 7.4 11.2#
80 13.1 8.0 12.0#

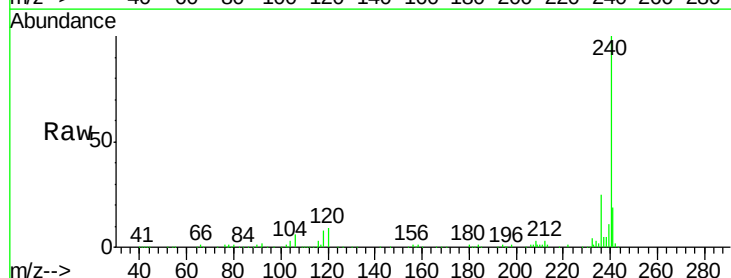


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

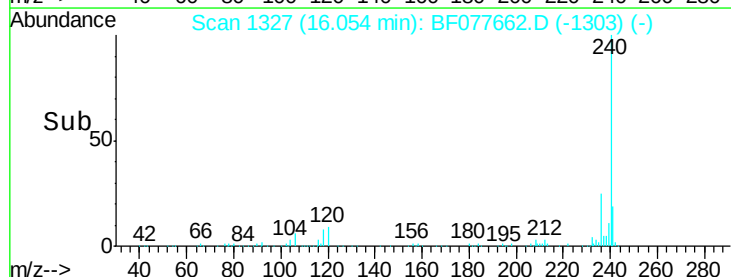
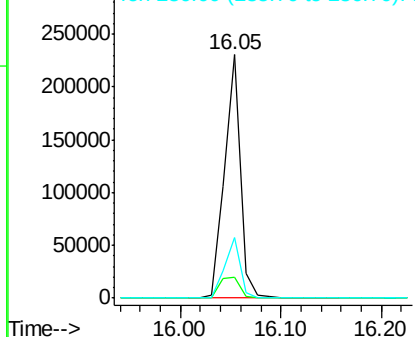


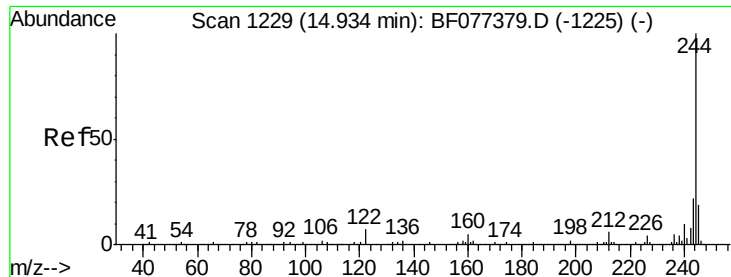
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

Tgt Ion:240 Resp: 252867
Ion Ratio Lower Upper
240 100
120 8.6 8.8 13.2#
236 24.8 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

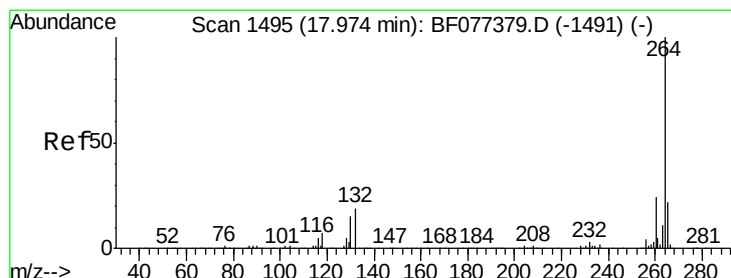
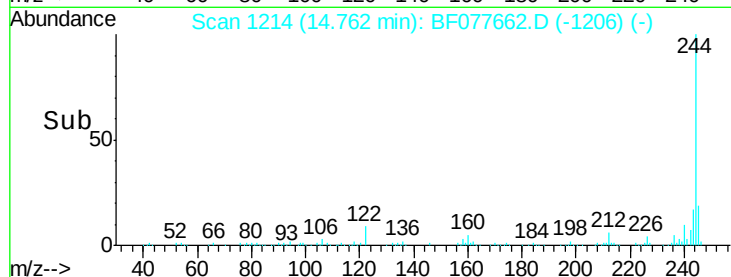
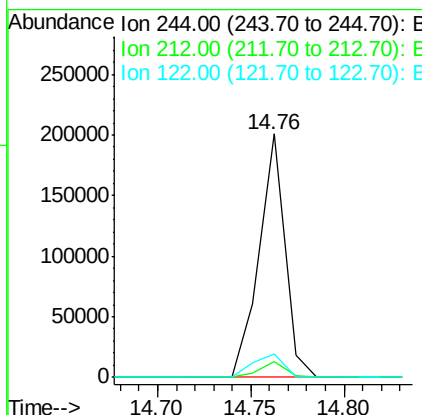
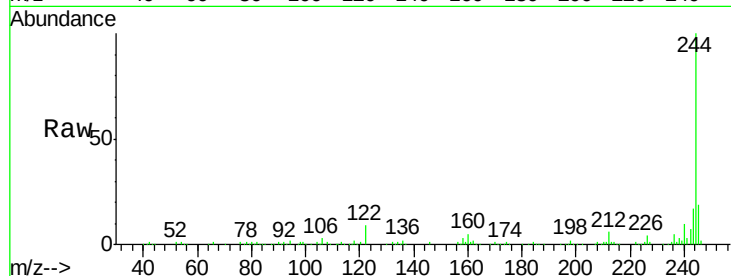




#78
 Terphenyl-d14
 Concen: 17.87 ng
 RT: 14.76 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF077662.D
 Acq: 10 Mar 2015 15:46

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-073-3515DL

Tgt Ion:244 Resp: 193250
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 9.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.80 min Scan# 1480
 Delta R.T. -0.10 min
 Lab File: BF077662.D
 Acq: 10 Mar 2015 15:46

Tgt Ion:264 Resp: 252782
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 21.4 16.8 25.2

