

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 01:34:27 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

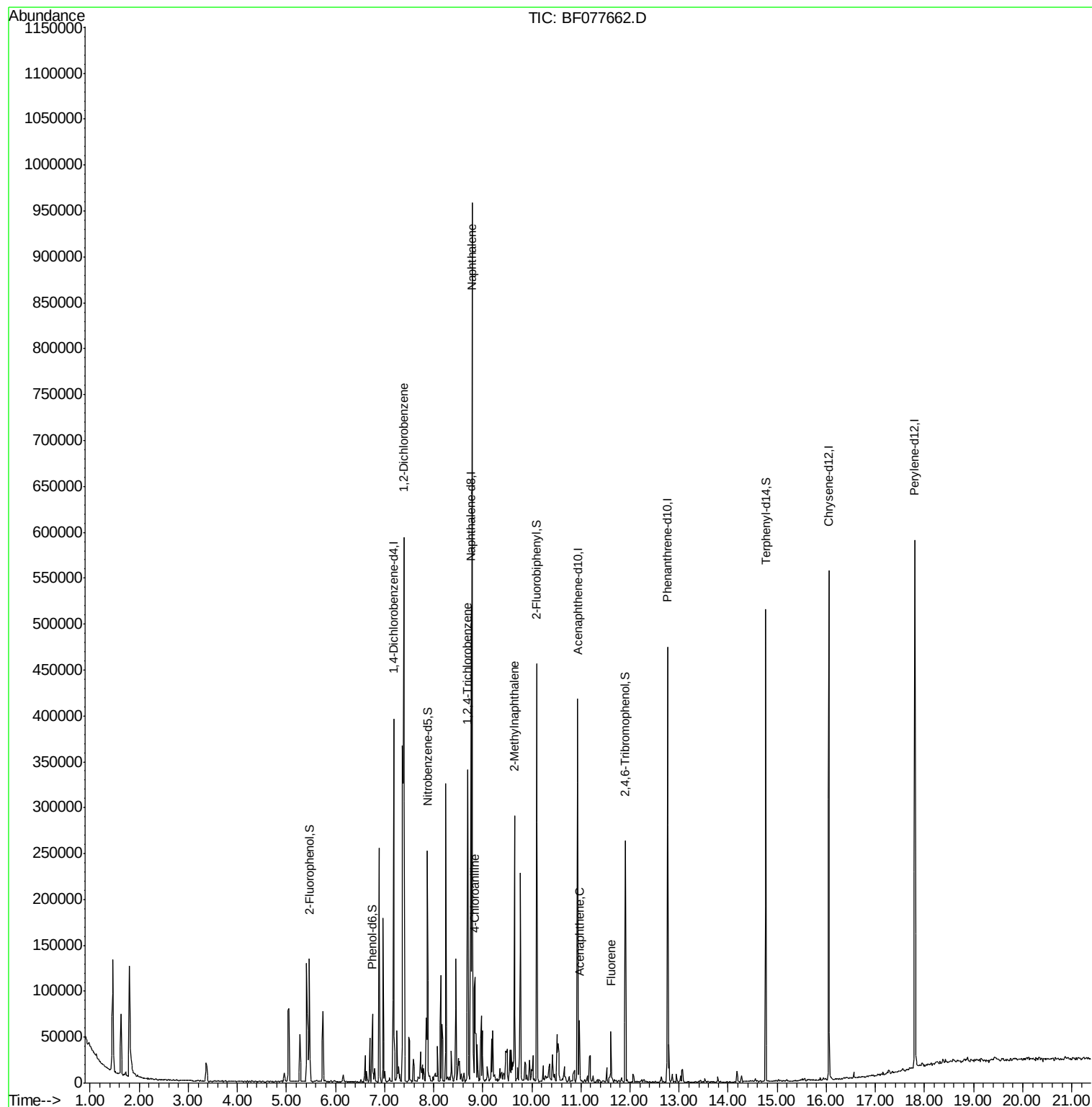
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	61597	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	251178	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	115332	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	222636	20.00	ng	0.00
75) Chrysene-d12	16.05	240	252867	20.00	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
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

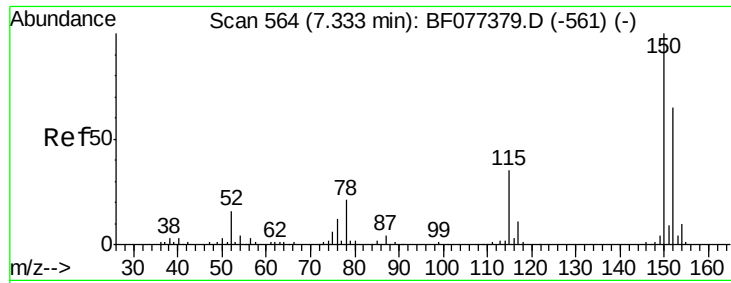
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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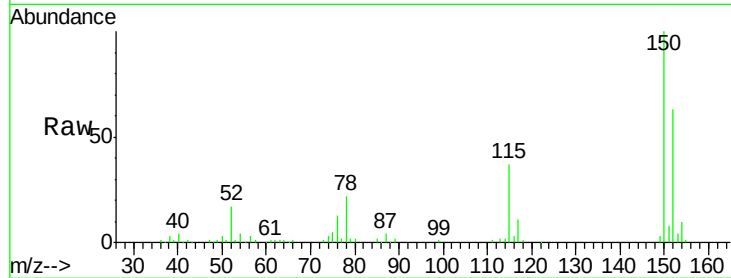


#1

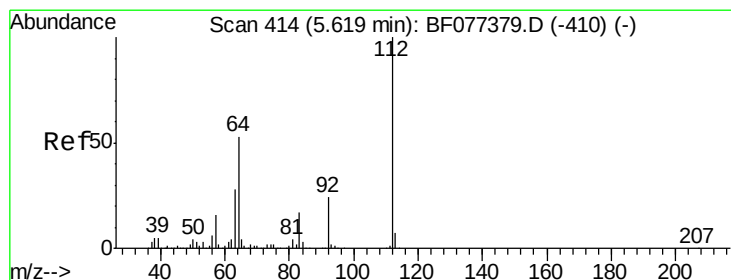
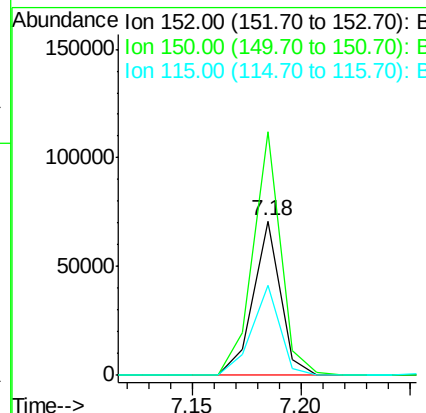
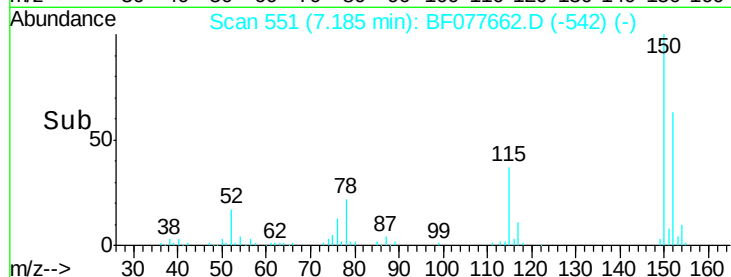
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

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

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



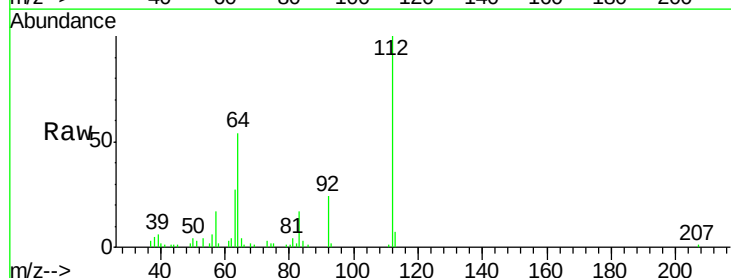
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



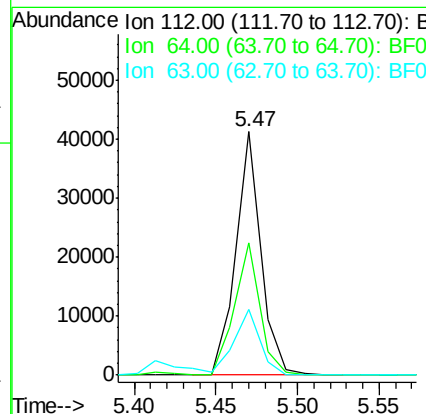
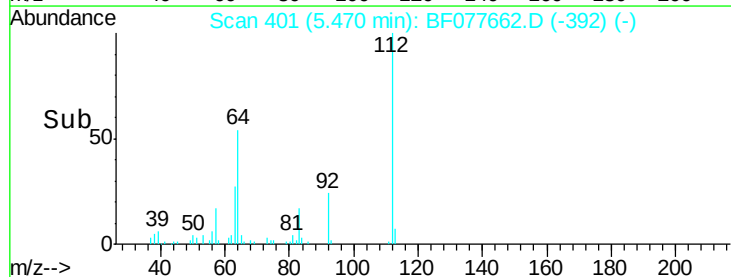
#5

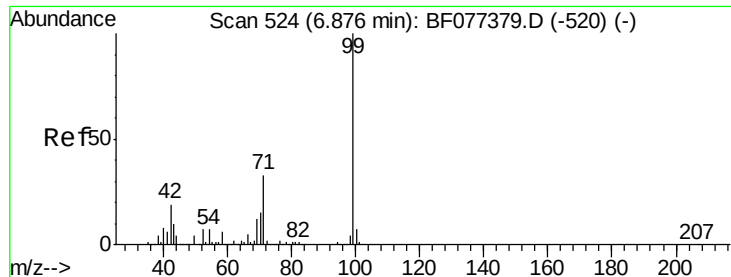
2-Fluorophenol
Concen: 11.82 ng
RT: 5.47 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

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 :

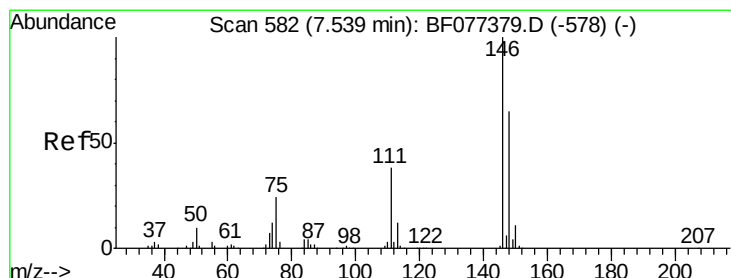
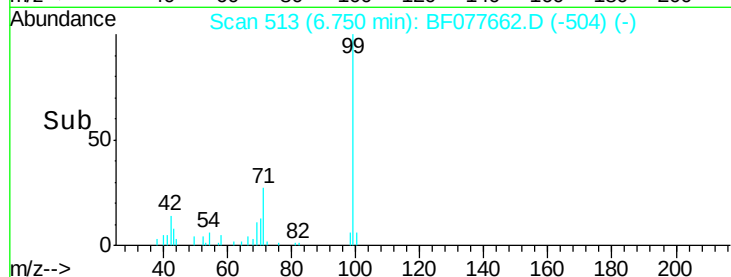
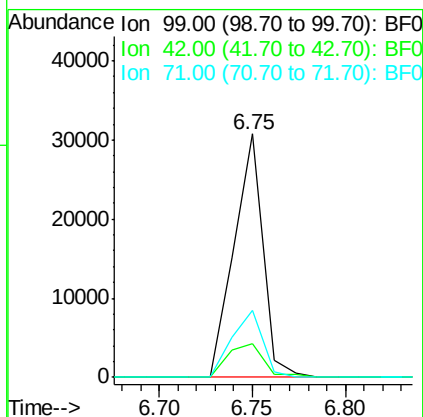
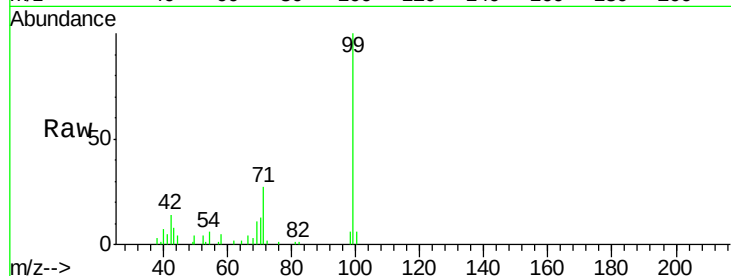
BNA_F

ClientSampleId :

DCW-WW-073-3515DL

Tot Ion: 99 Resp: 33276

Ion	Ratio	Lower	Upper
99	100		
42	13.6	16.2	24.4#
71	27.3	26.7	40.1



#14

1,2-Dichlorobenzene

Concen: 32.36 ng

RT: 7.39 min Scan# 569

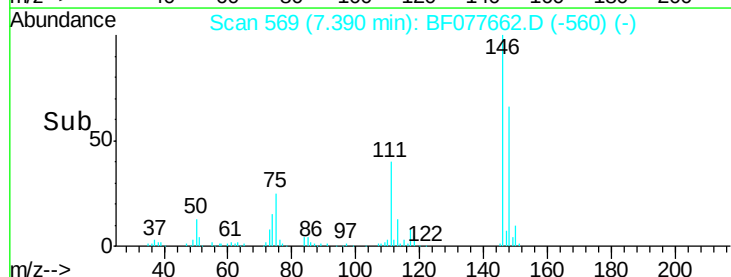
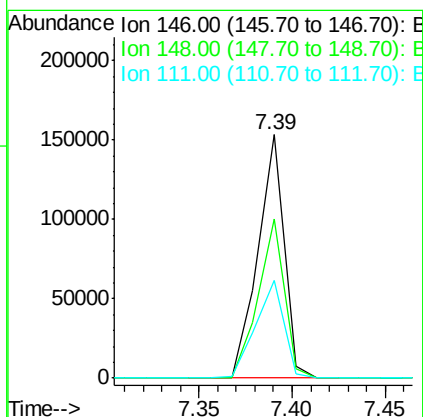
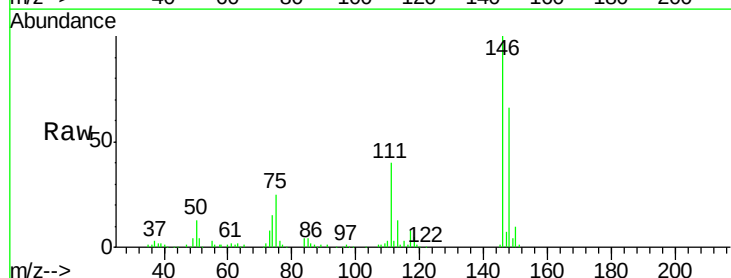
Delta R.T. -0.00 min

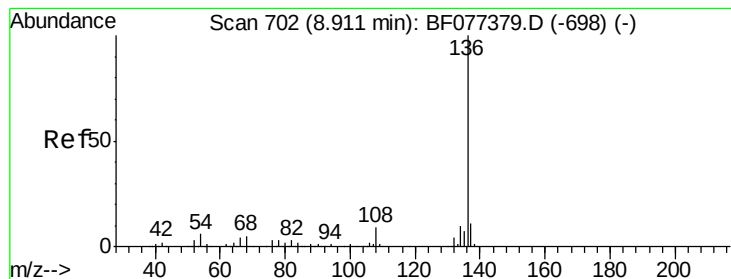
Lab File: BF077662.D

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





#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

Instrument :

BNA_F

ClientSampleId :

DCW-WW-073-3515DL

Tot Ion:136 Resp: 251178

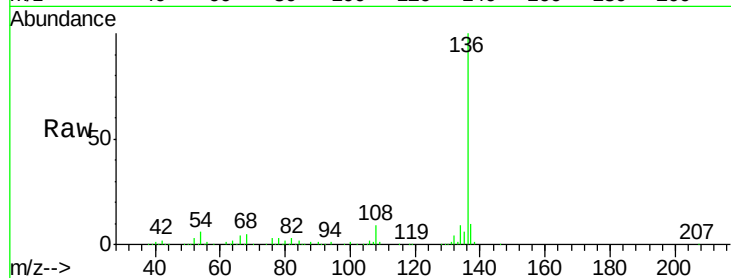
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.1 6.2 9.4#

68 4.9 5.0 7.6#

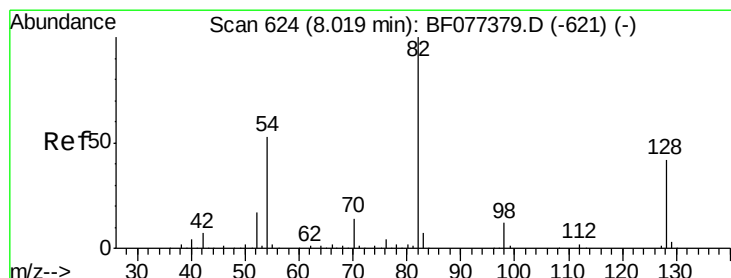
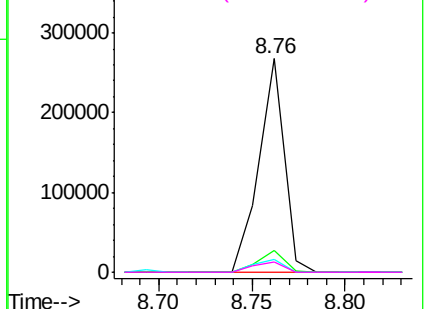
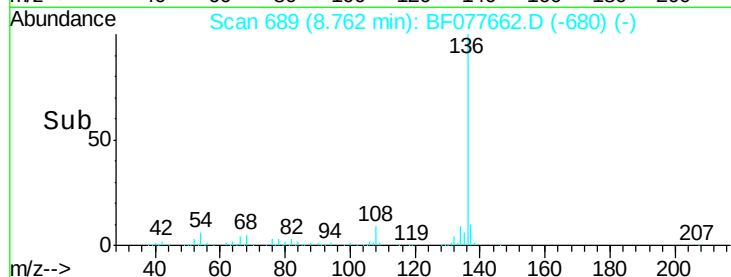


Abundance Ion 136.00 (135.70 to 136.70): E

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

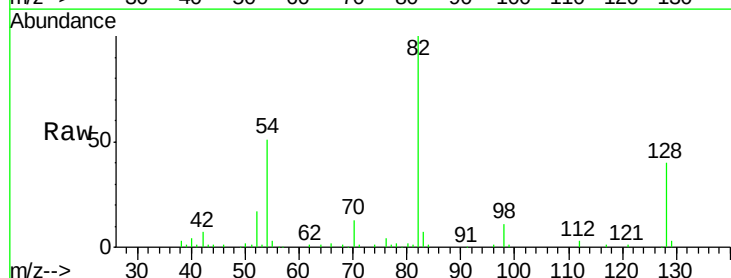
Tgt Ion: 82 Resp: 81457

Ion Ratio Lower Upper

82 100

128 39.9 43.8 65.8#

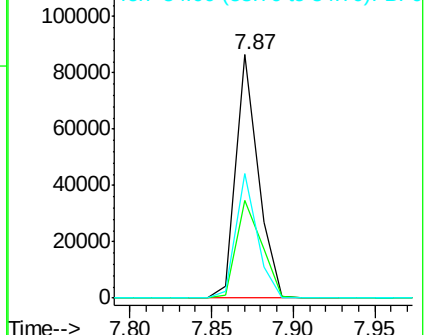
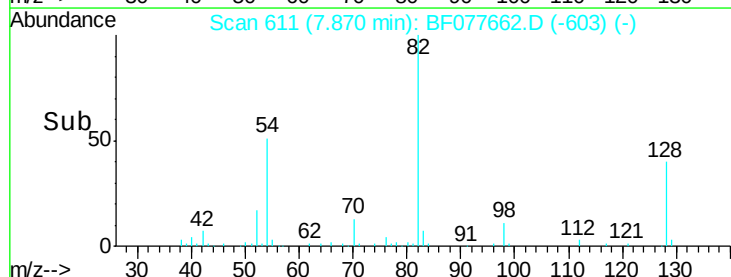
54 51.1 36.7 55.1

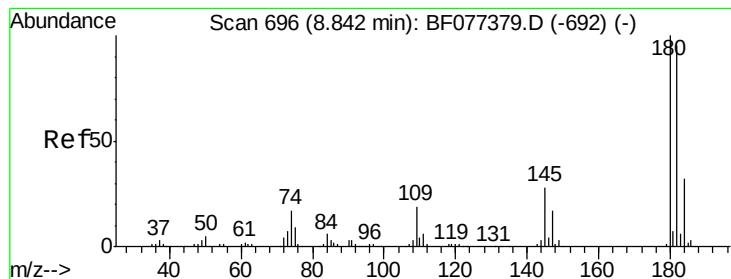


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

DCW-WW-073-3515DL

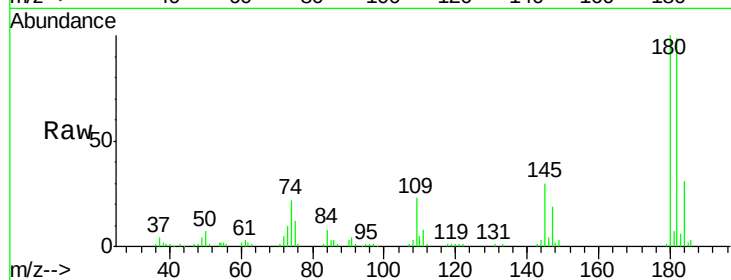
Tot Ion:180 Resp: 62288

Ion Ratio Lower Upper

180 100

182 99.2 76.2 114.4

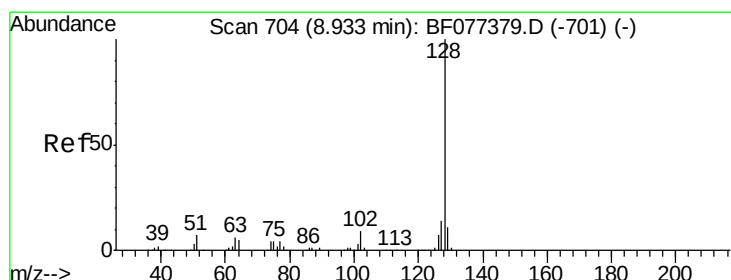
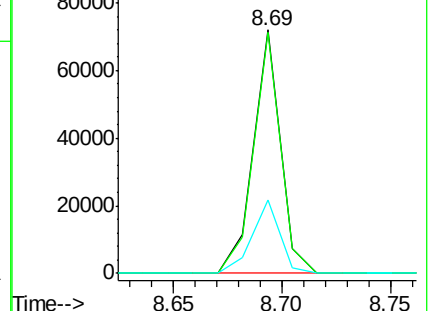
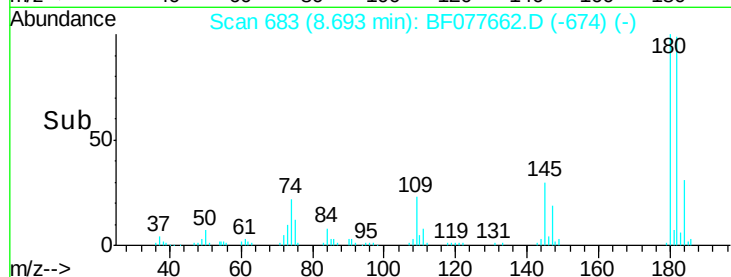
145 30.0 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#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

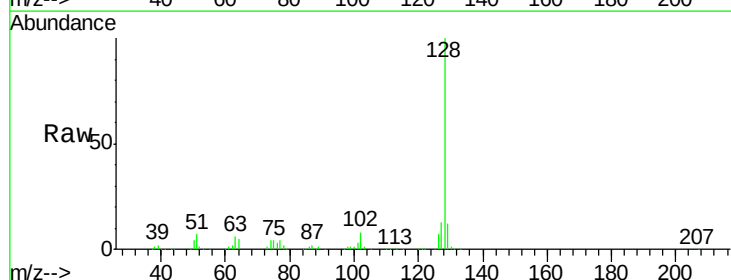
Tgt Ion:128 Resp: 414262

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

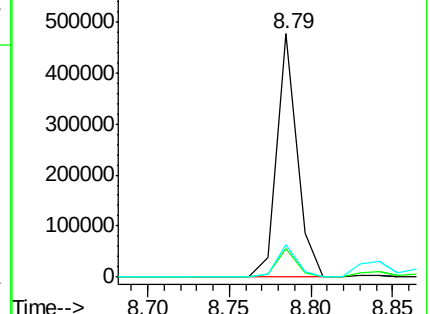
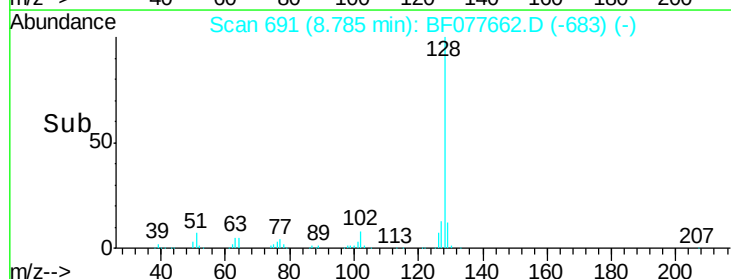
127 13.1 10.6 15.8

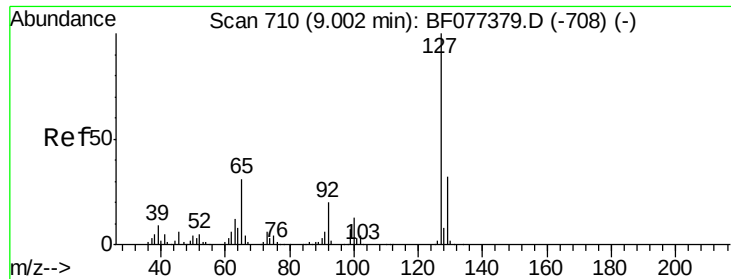


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

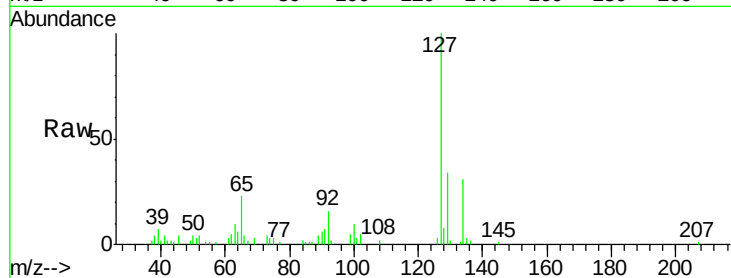




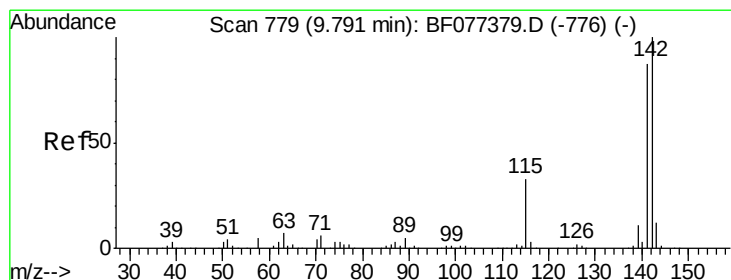
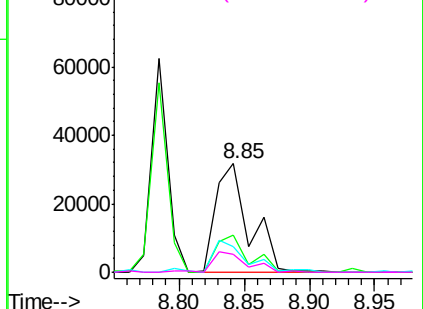
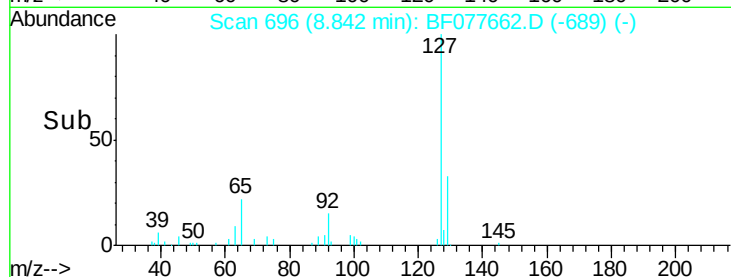
#33
4-Chloroaniline
Concen: 10.38 ng
RT: 8.85 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

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

Tot 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

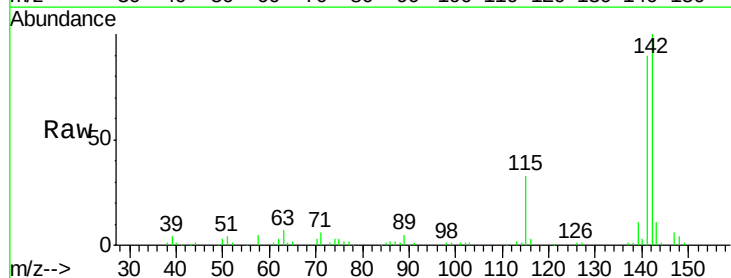


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

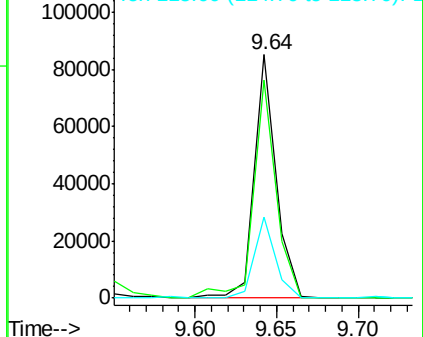
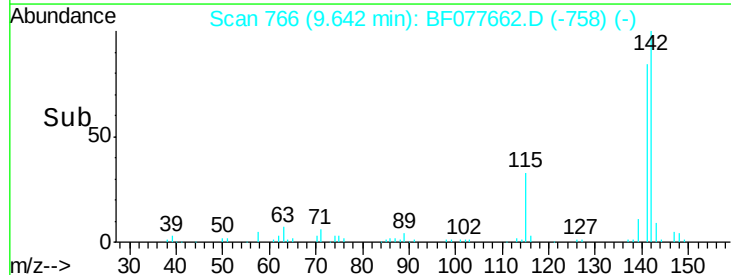


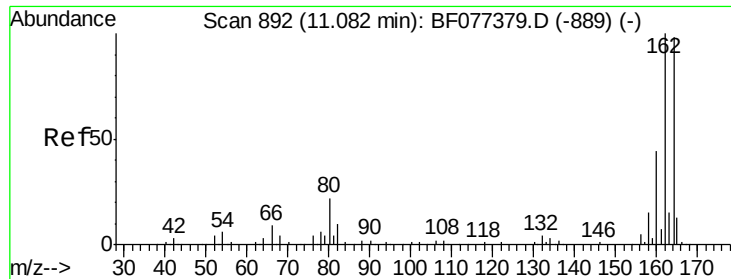
#37
2-Methylnaphthalene
Concen: 8.92 ng
RT: 9.64 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

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

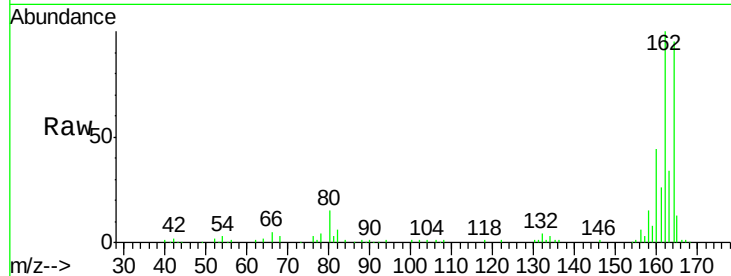




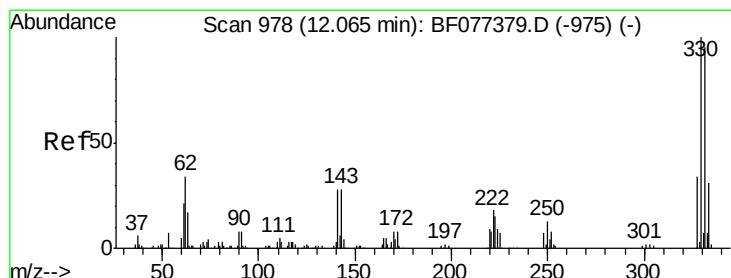
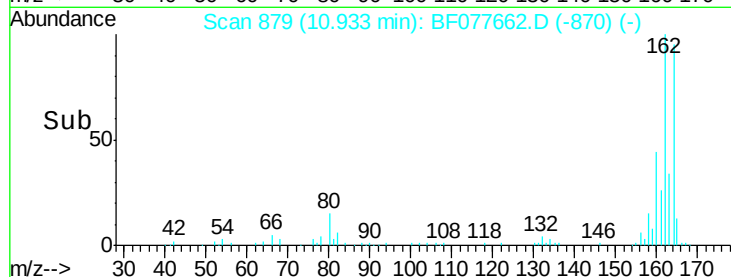
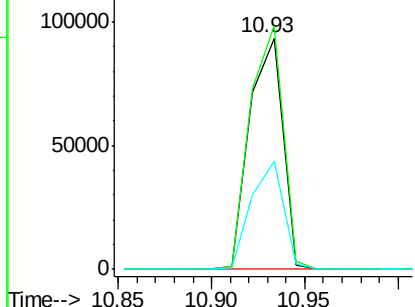
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

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

Tot Ion:164 Resp: 115332
Ion Ratio Lower Upper
164 100
162 105.2 83.2 124.8
160 46.7 34.6 52.0

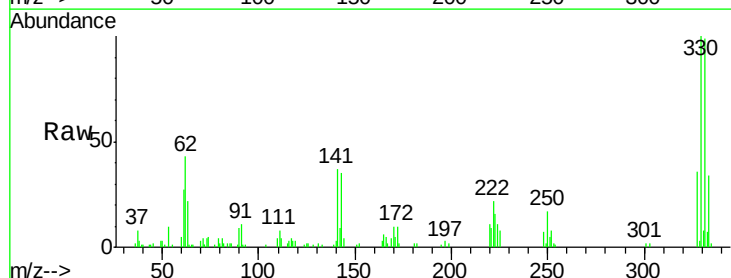


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

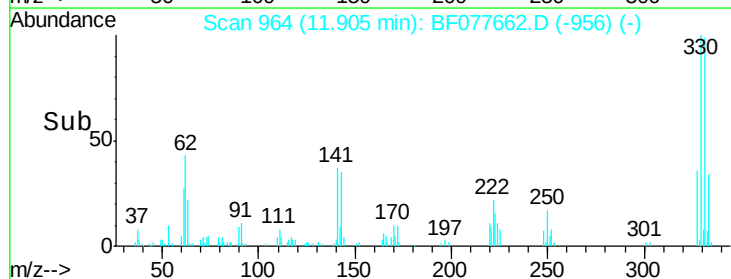
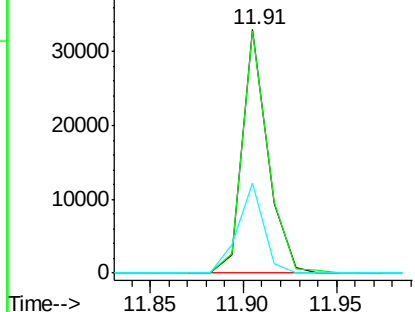


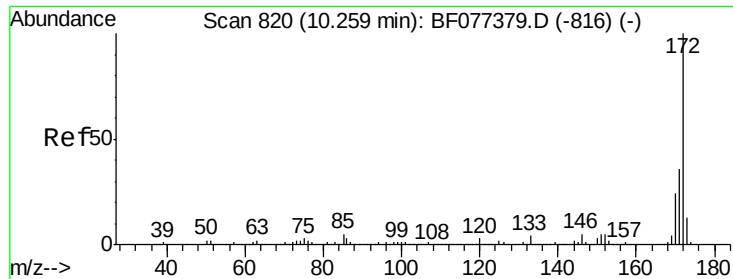
#41
2,4,6-Tribromophenol
Concen: 28.23 ng
RT: 11.91 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

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

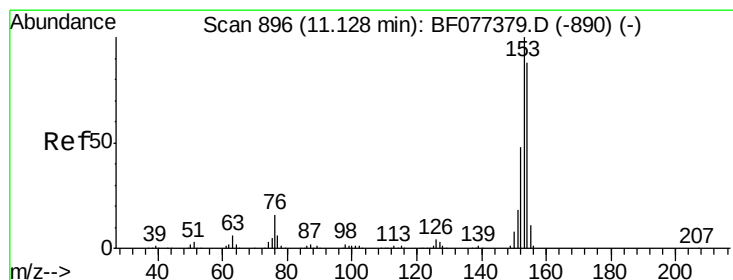
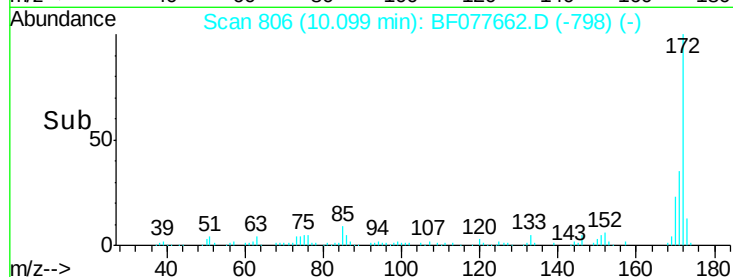
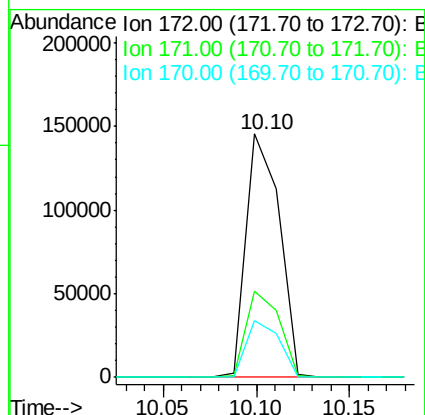
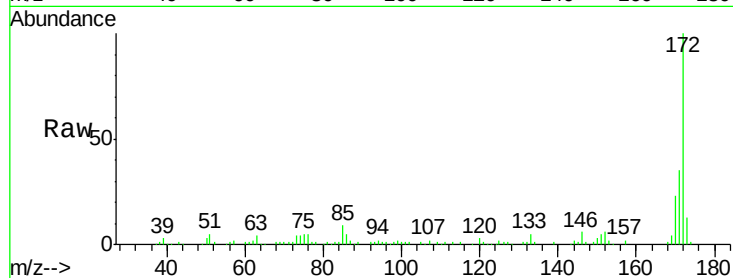




#44
2-Fluorobiphenyl
Concen: 24.30 ng
RT: 10.10 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

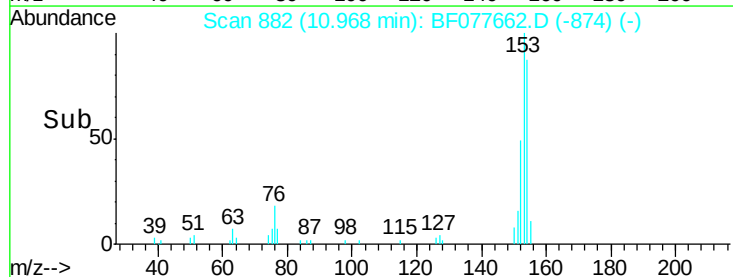
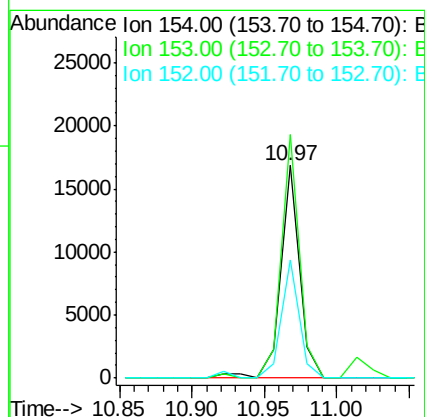
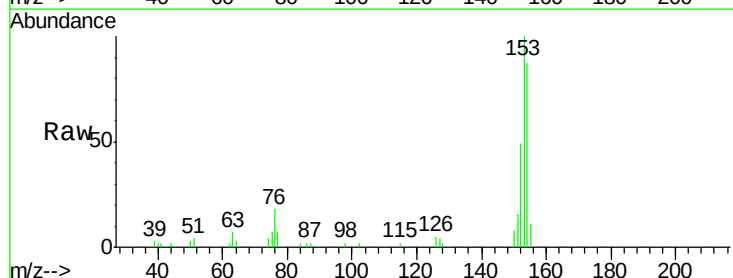
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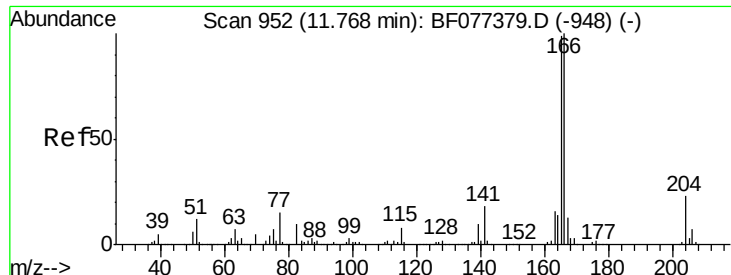
Tot Ion:172 Resp: 179772
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.3 19.4 29.2



#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

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

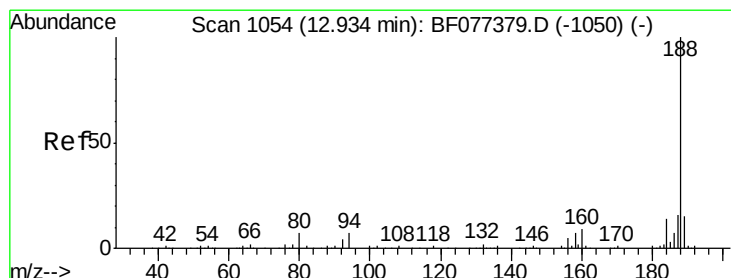
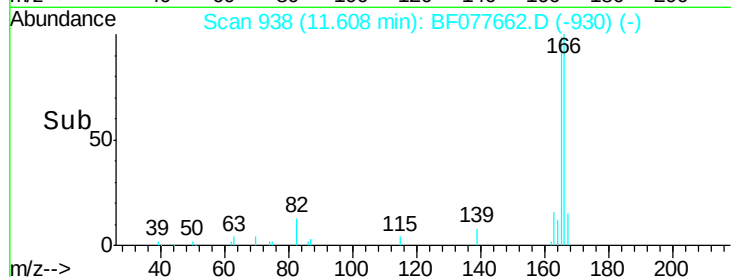
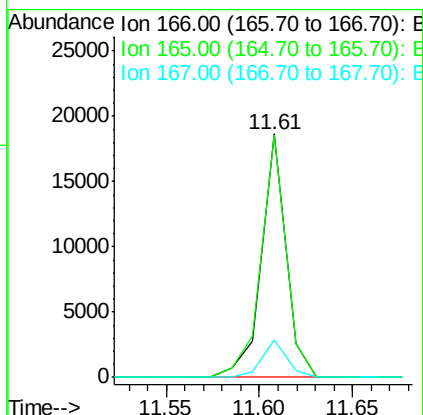
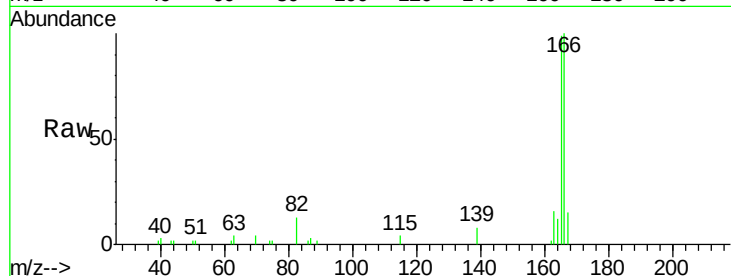




#57
 Fluorene
 Concen: 2.12 ng
 RT: 11.61 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF077662.D
 Acq: 10 Mar 2015 15:46

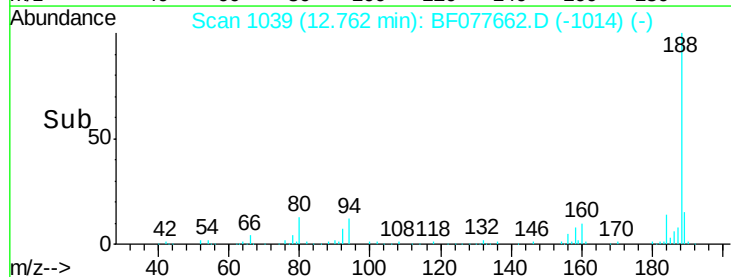
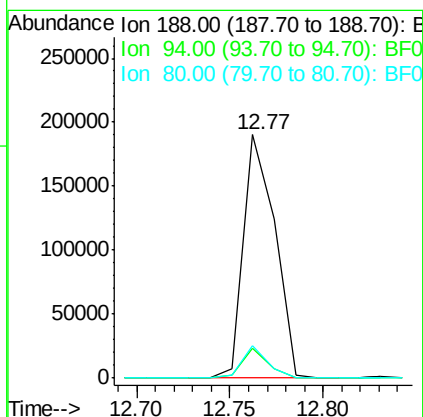
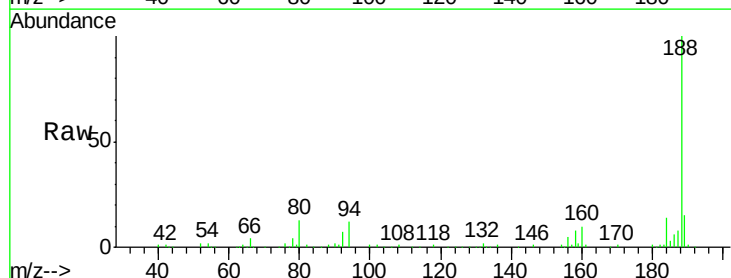
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-073-3515DL

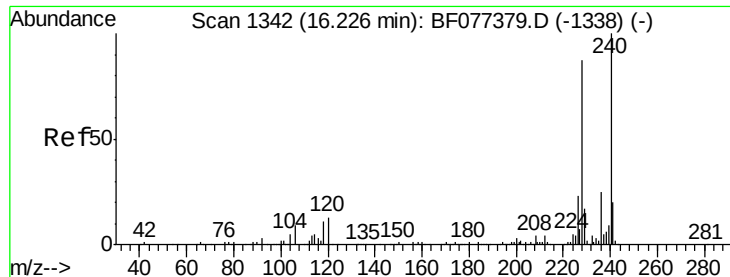
Tot Ion:166 Resp: 16972
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.6 116.4
 167 15.3 10.6 16.0



#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

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#





#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

Instrument :

BNA_F

ClientSampleId :

DCW-WW-073-3515DL

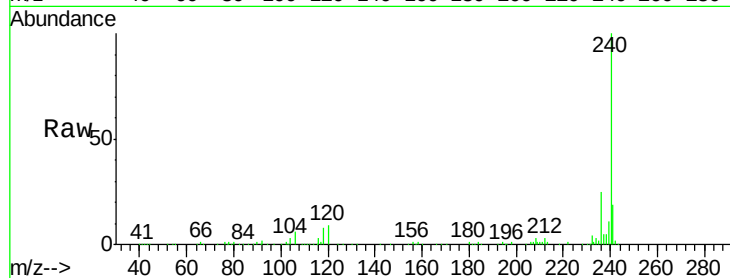
Tot Ion:240 Resp: 252867

Ion Ratio Lower Upper

240 100

120 8.6 8.8 13.2#

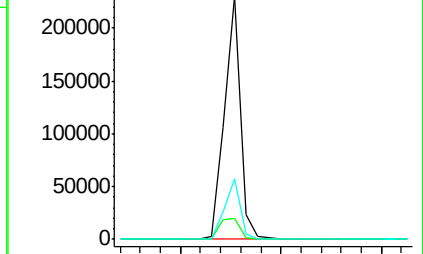
236 24.8 20.7 31.1



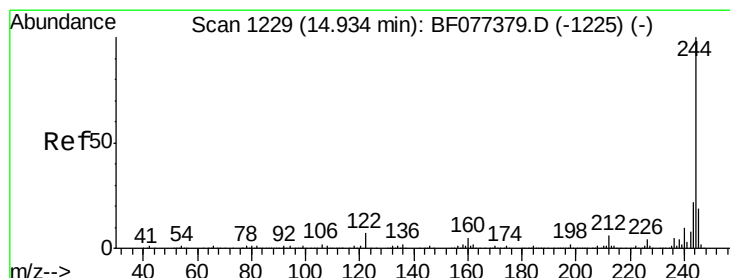
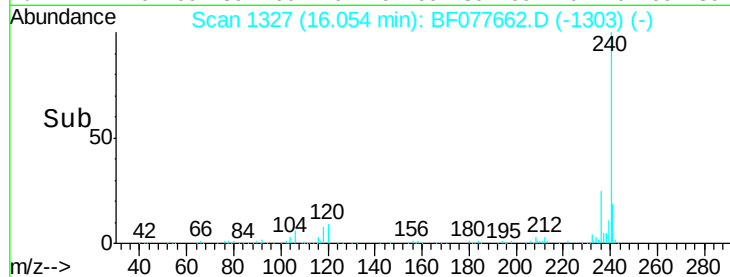
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#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

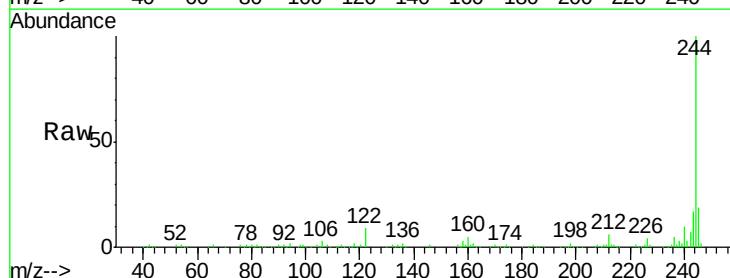
Tgt Ion:244 Resp: 193250

Ion Ratio Lower Upper

244 100

212 6.3 5.2 7.8

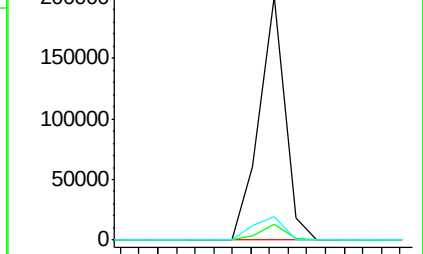
122 9.4 7.8 11.8



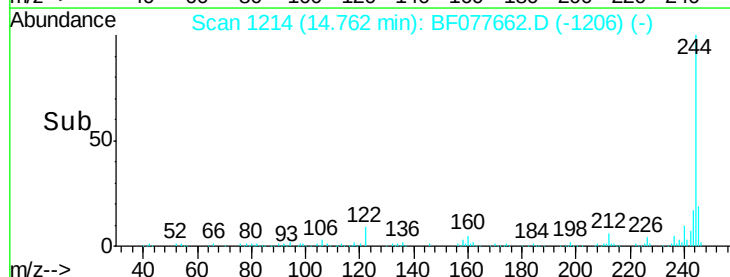
Abundance Ion 244.00 (243.70 to 244.70): E

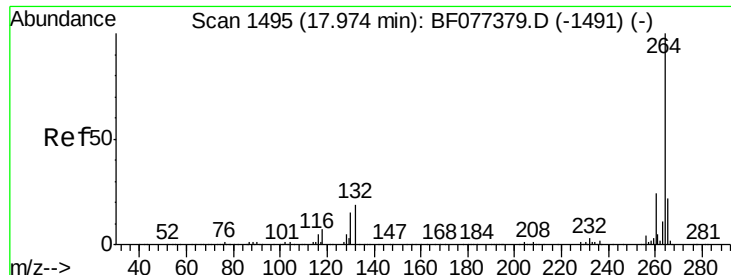
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

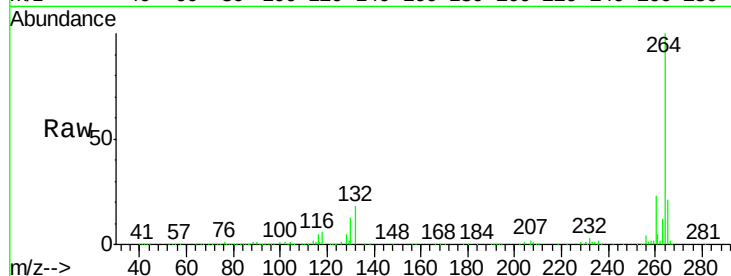




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. -0.10 min
Lab File: BF077662.D
Acq: 10 Mar 2015 15:46

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.4	16.8	25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

