

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077805.D
 Acq On : 18 Mar 2015 19:41
 Operator : TP/IZ
 Sample : G1547-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097-31615

Quant Time: Mar 19 04:00:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

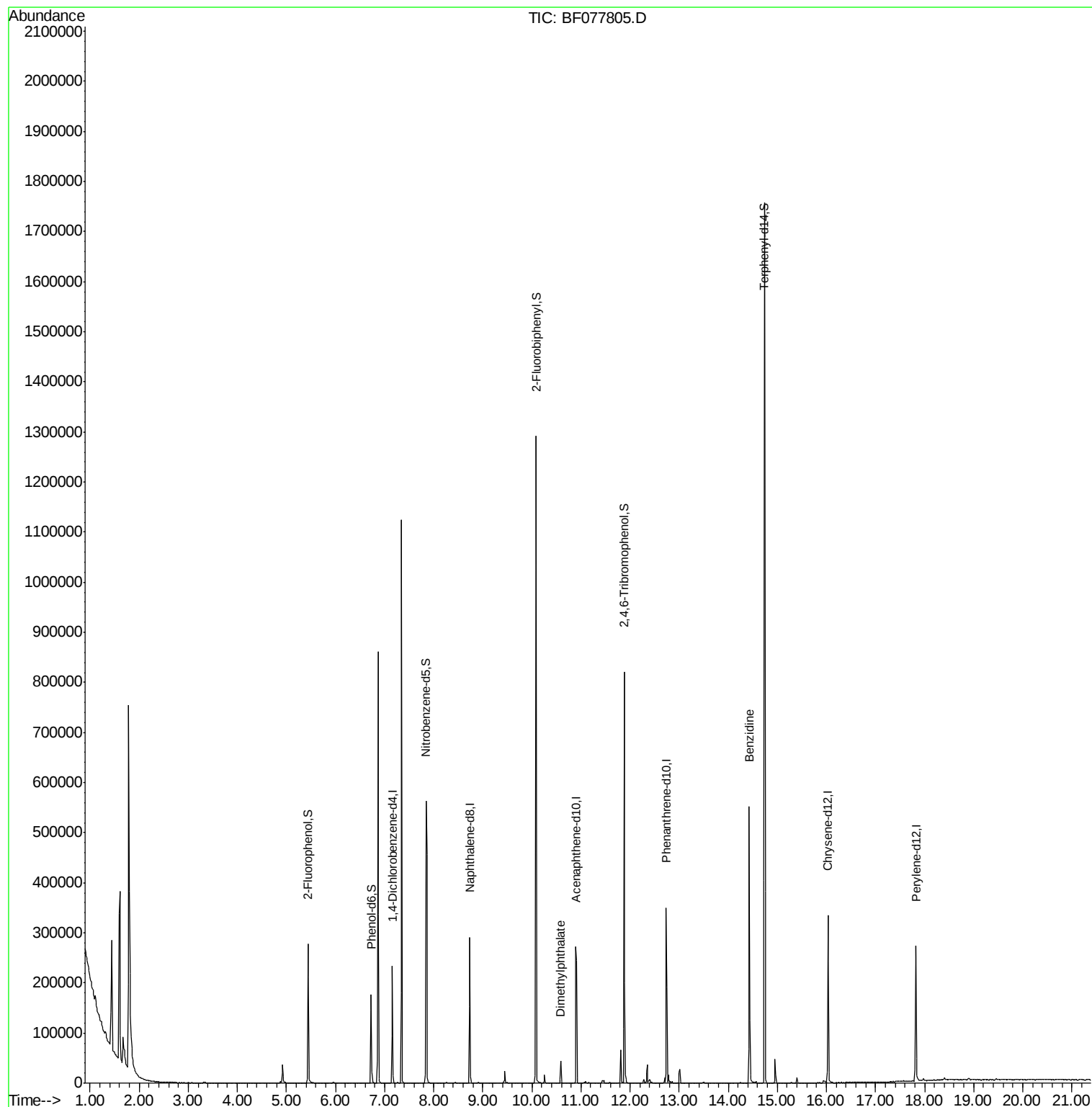
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	42831	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	165458	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	81074	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	163131	20.00	ng	-0.01
75) Chrysene-d12	16.03	240	168776	20.00	ng	-0.10
86) Perylene-d12	17.83	264	158080	20.00	ng	-0.27
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	115369	47.02	ng	0.00
7) Phenol-d6	6.73	99	93326	30.78	ng	0.00
23) Nitrobenzene-d5	7.85	82	257964	102.20	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	96079	123.86	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	593226	107.53	ng	0.00
78) Terphenyl-d14	14.74	244	627281	90.79	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	10.59	163	19700	3.28	ng	99
76) Benzidine	14.43	184	233920	56.23	ng	97

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

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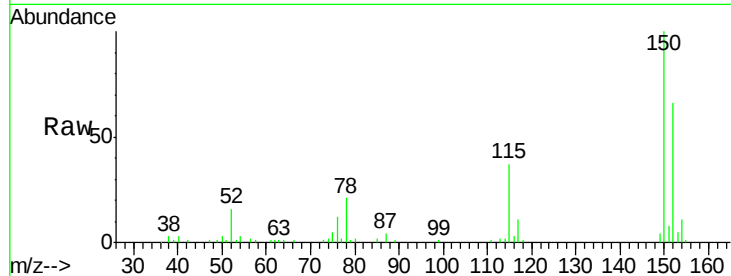


#1

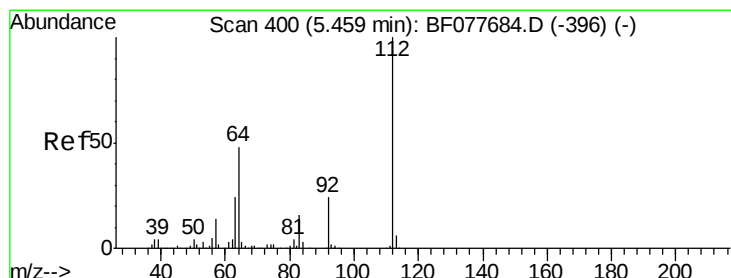
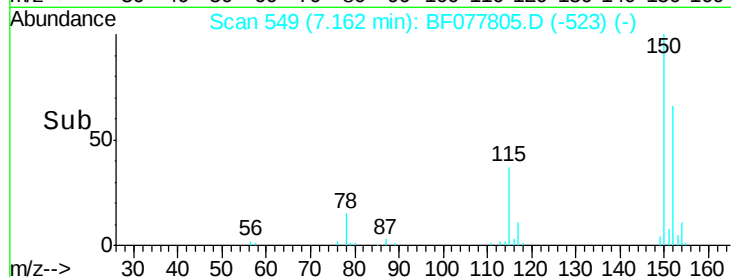
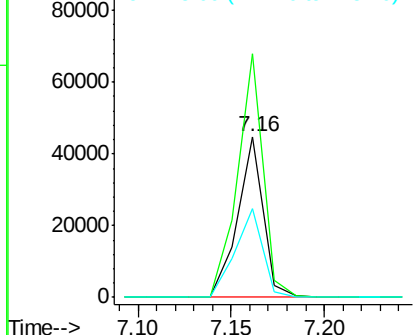
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615

Tot Ion:152 Resp: 42831
Ion Ratio Lower Upper
152 100
150 151.4 119.5 179.3
115 55.3 43.0 64.4



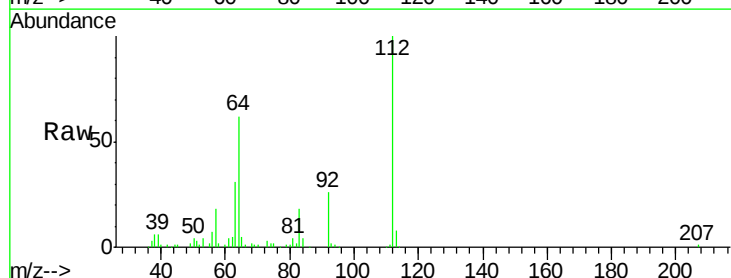
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



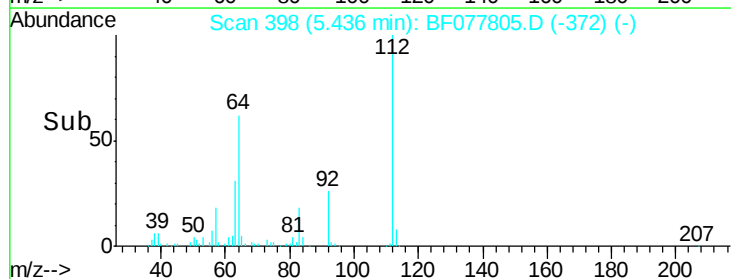
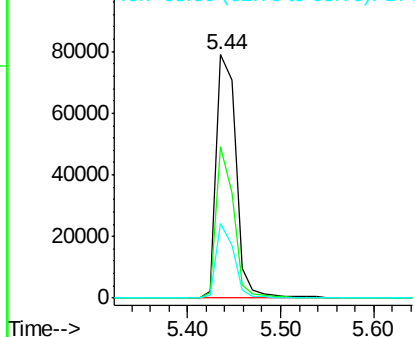
#5

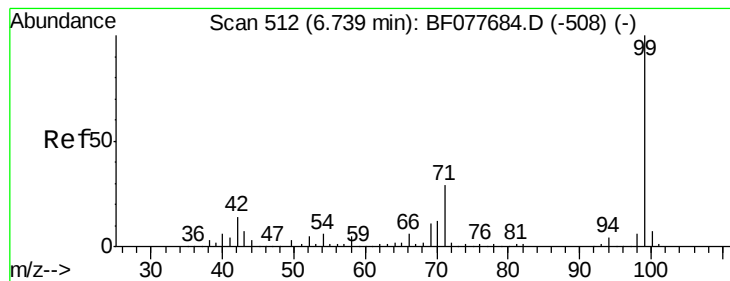
2-Fluorophenol
Concen: 47.02 ng
RT: 5.44 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Tgt Ion:112 Resp: 115369
Ion Ratio Lower Upper
112 100
64 62.0 38.6 57.8#
63 30.6 19.3 28.9#



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: 30.78 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077805.D

Acq: 18 Mar 2015 19:41

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

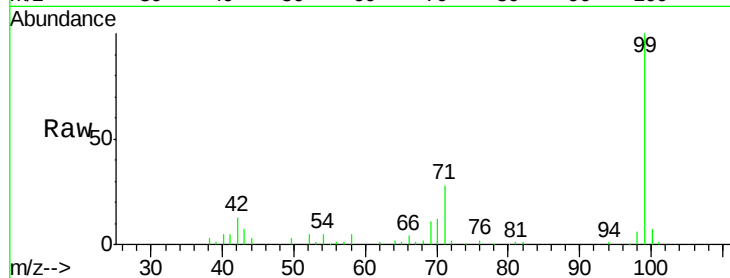
Tot Ion: 99 Resp: 93326

Ion Ratio Lower Upper

99 100

42 13.2 11.0 16.4

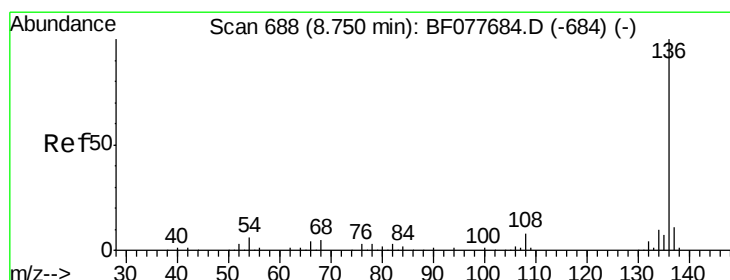
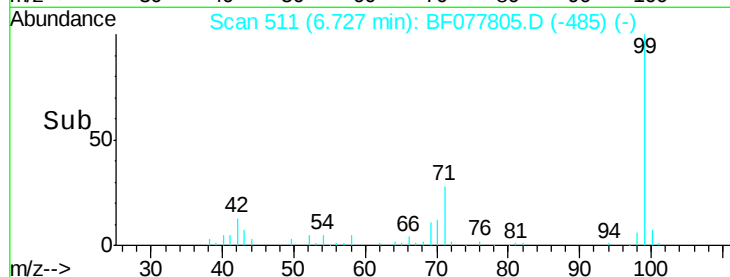
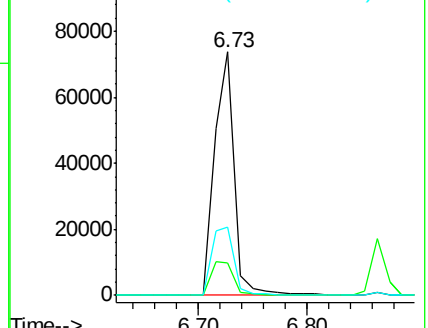
71 28.0 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF077805.D

Acq: 18 Mar 2015 19:41

Tgt Ion: 136 Resp: 165458

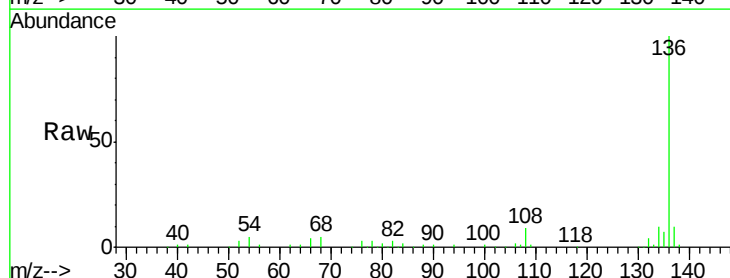
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.1 4.6 6.8

68 4.6 3.7 5.5

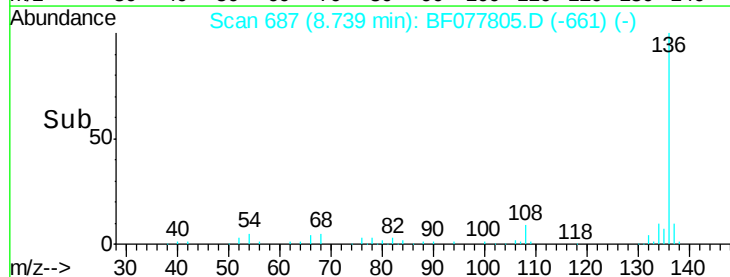
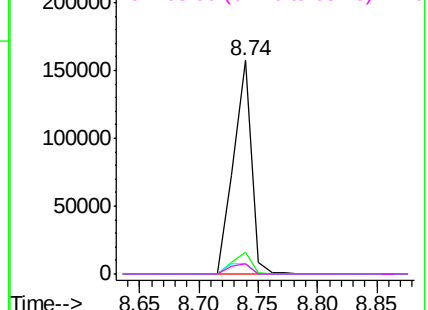


Abundance Ion 136.00 (135.70 to 136.70): E

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

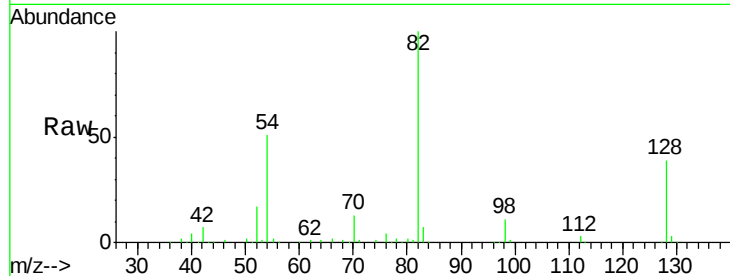




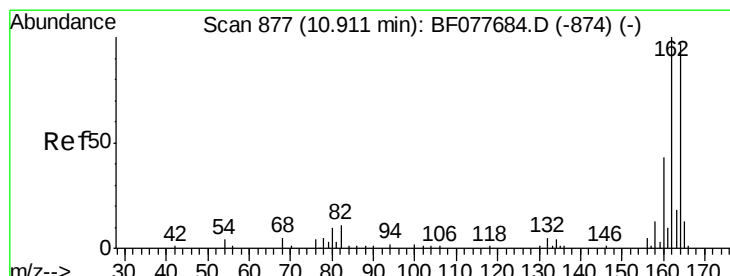
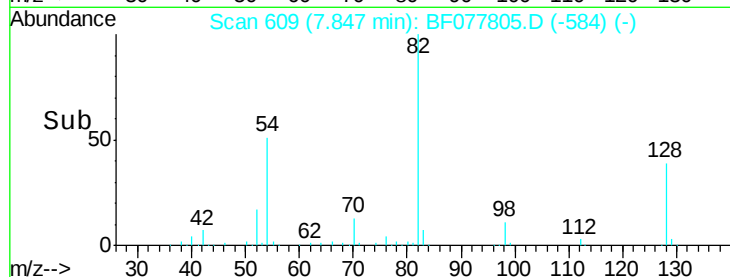
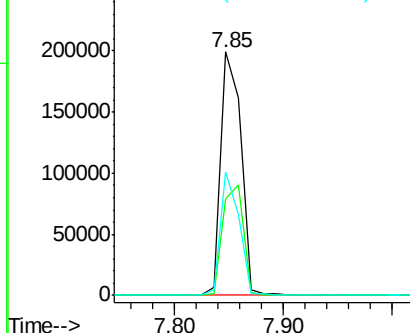
#23
Nitrobenzene-d5
Concen: 102.20 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615

Tot Ion: 82 Resp: 257964
Ion Ratio Lower Upper
82 100
128 39.5 32.8 49.2
54 50.9 40.6 60.8

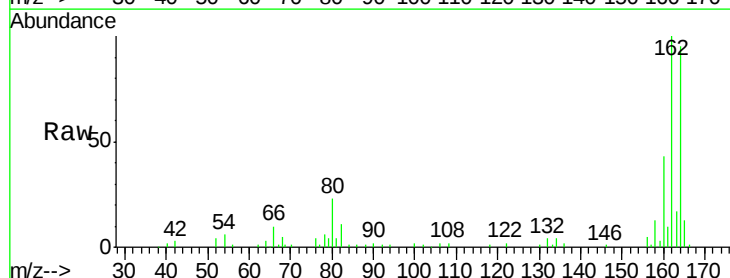


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

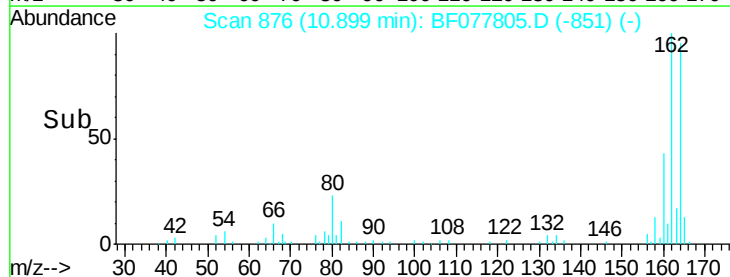
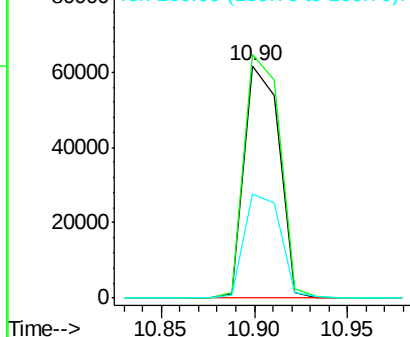


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Tgt Ion: 164 Resp: 81074
Ion Ratio Lower Upper
164 100
162 104.9 82.4 123.6
160 44.9 35.8 53.6



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

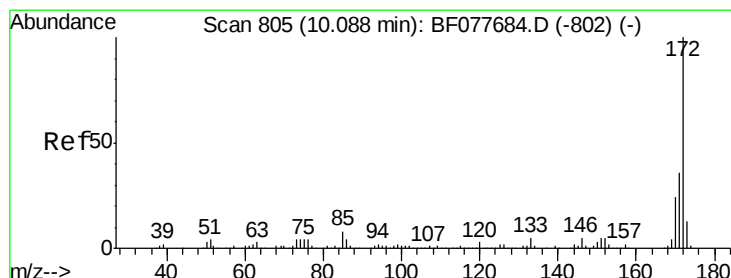
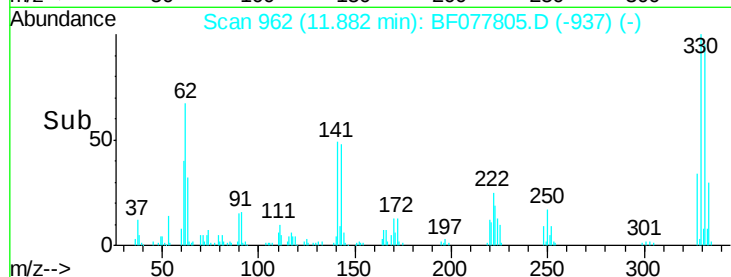
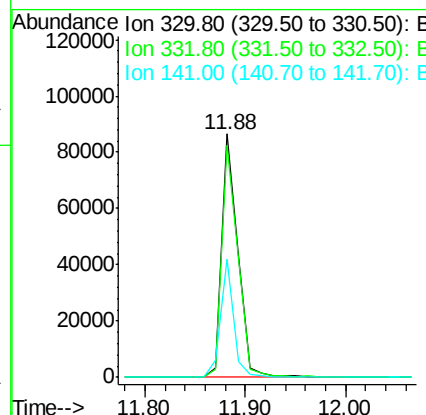
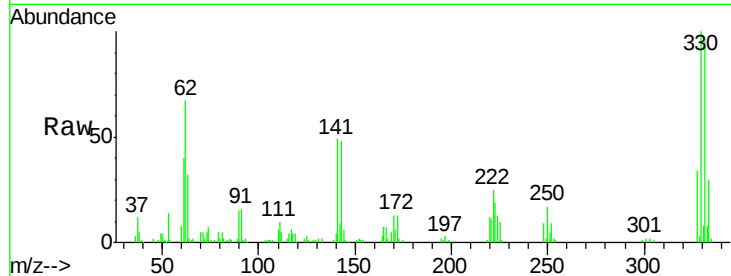




#41
 2,4,6-Tribromophenol
 Concen: 123.86 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077805.D
 Acq: 18 Mar 2015 19:41

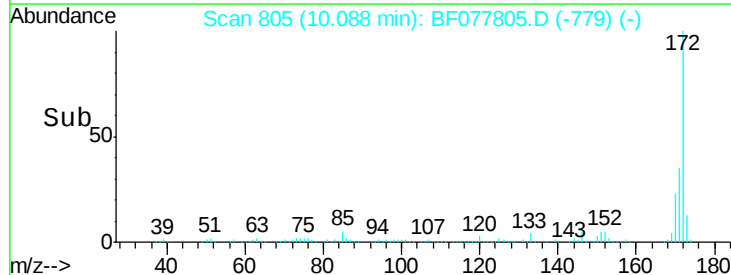
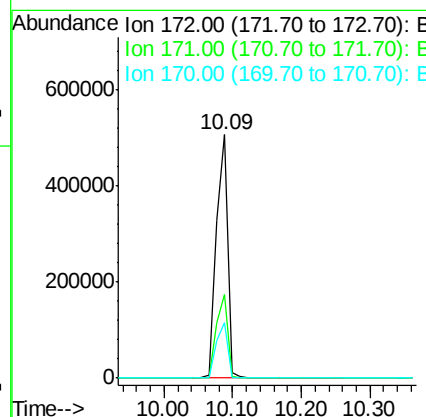
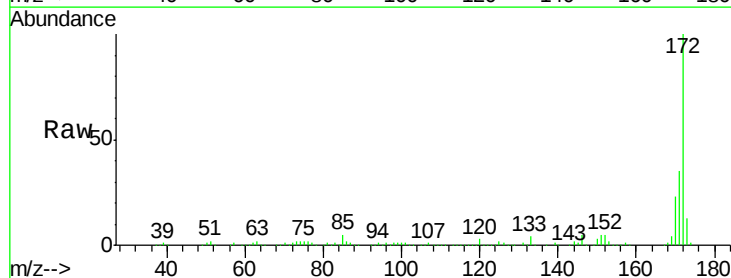
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097-31615

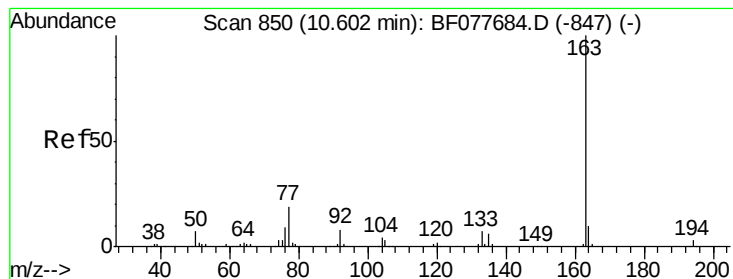
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	39.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 107.53 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077805.D
 Acq: 18 Mar 2015 19:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.9	18.8	28.2





#49

Dimethylphthalate

Concen: 3.28 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077805.D

Acq: 18 Mar 2015 19:41

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

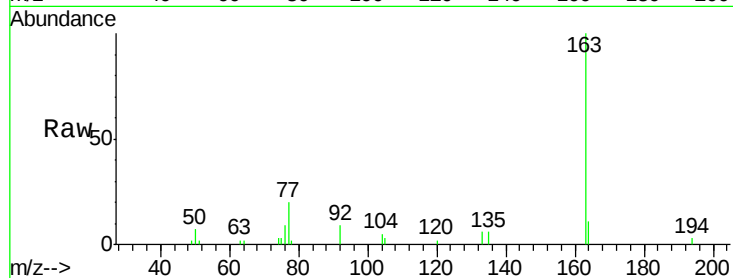
Tot Ion:163 Resp: 19700

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

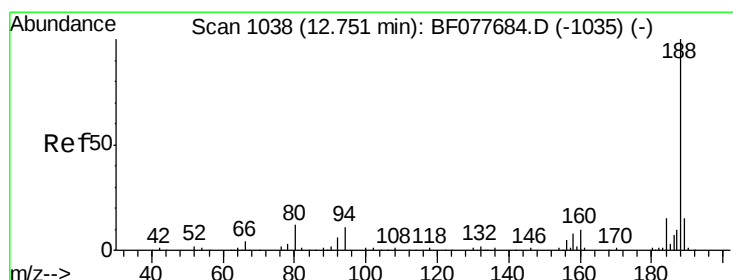
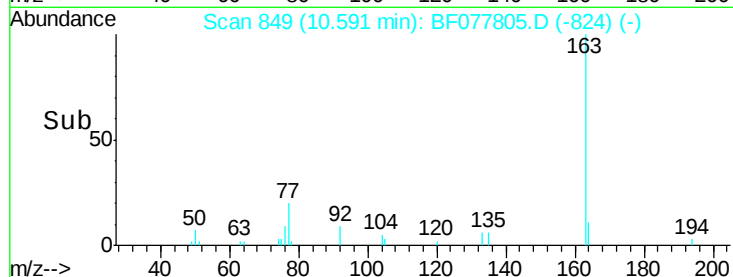
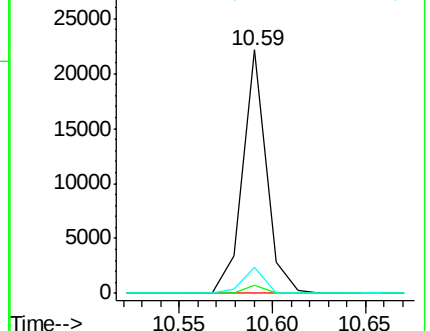
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.74 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF077805.D

Acq: 18 Mar 2015 19:41

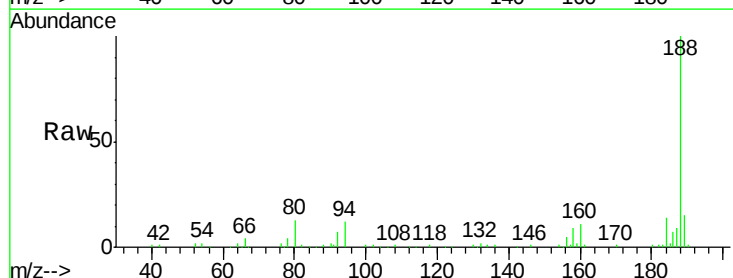
Tgt Ion:188 Resp: 163131

Ion Ratio Lower Upper

188 100

94 11.9 8.7 13.1

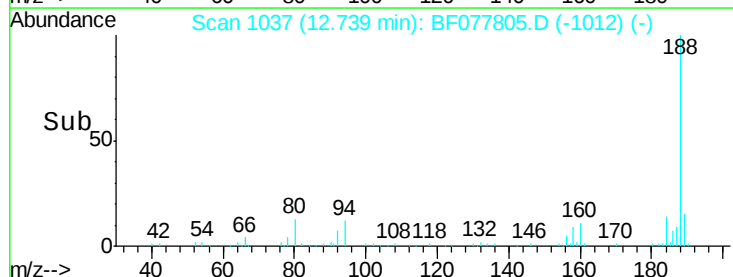
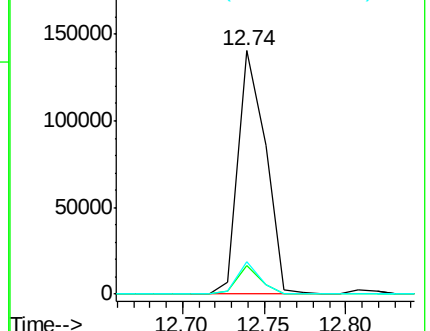
80 13.1 9.3 13.9

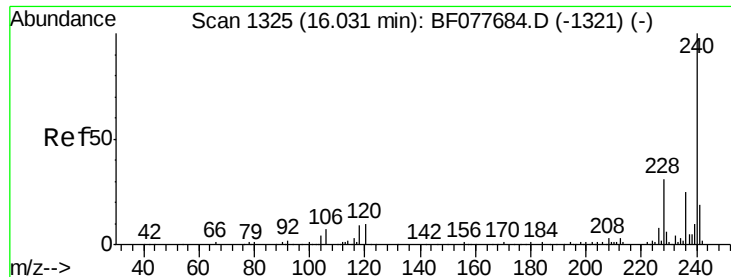


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

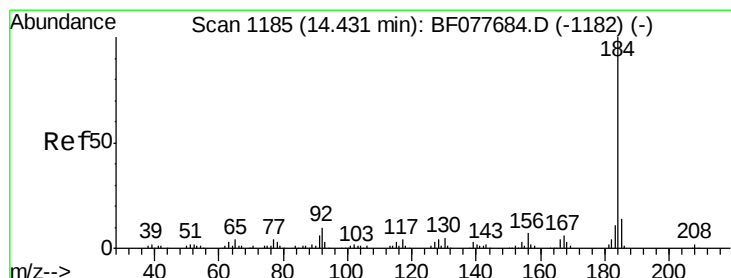
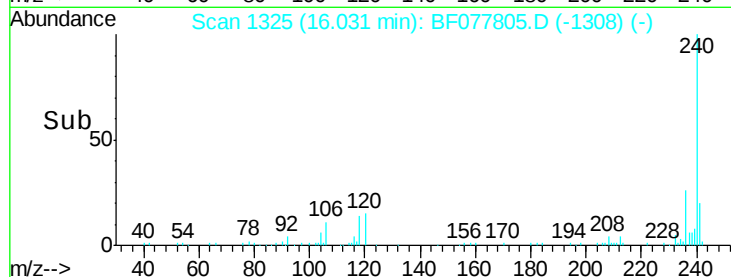
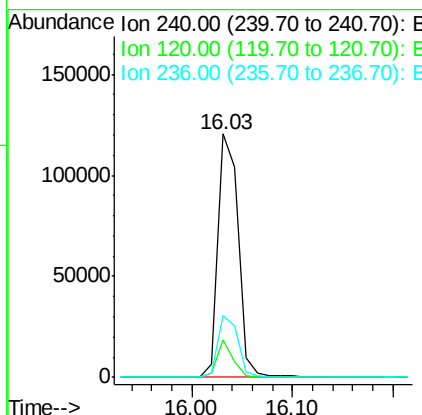
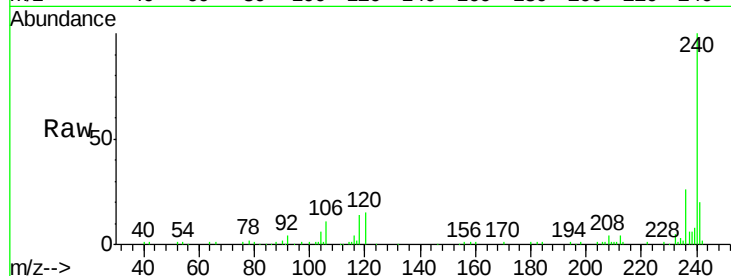




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.10 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

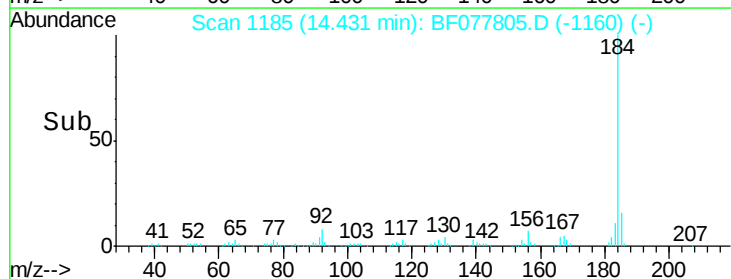
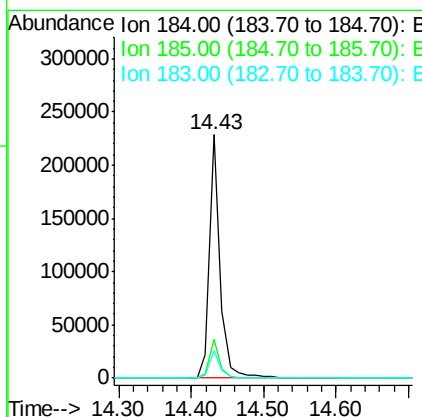
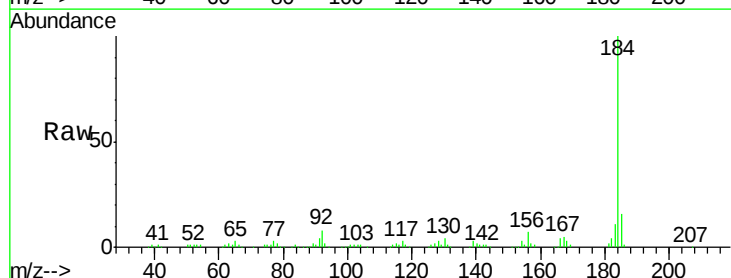
Instrument :
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DCW-WW-097-31615

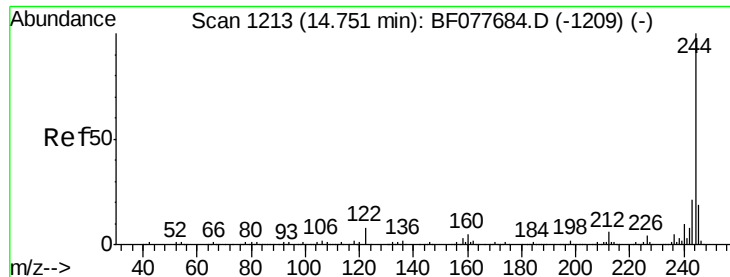
Tot Ion:240 Resp: 168776
Ion Ratio Lower Upper
240 100
120 15.2 8.2 12.2#
236 25.6 20.0 30.0



#76
Benzidine
Concen: 56.23 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Tgt Ion:184 Resp: 233920
Ion Ratio Lower Upper
184 100
185 16.0 11.3 16.9
183 11.1 8.9 13.3





#78

Terphenyl-d14

Concen: 90.79 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF077805.D

Acq: 18 Mar 2015 19:41

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

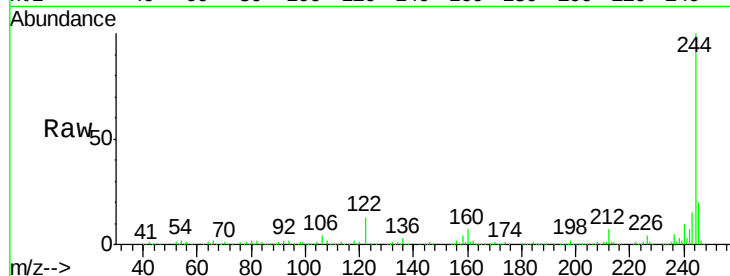
Tot Ion:244 Resp: 627281

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

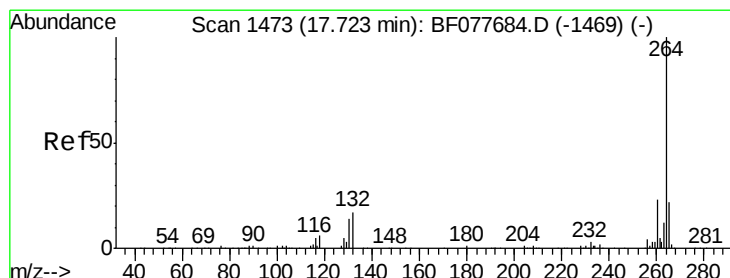
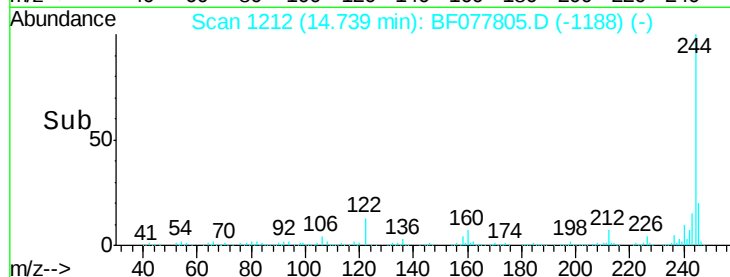
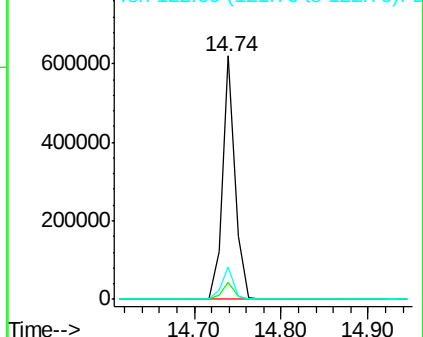
122 13.1 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.83 min Scan# 1482

Delta R.T. -0.27 min

Lab File: BF077805.D

Acq: 18 Mar 2015 19:41

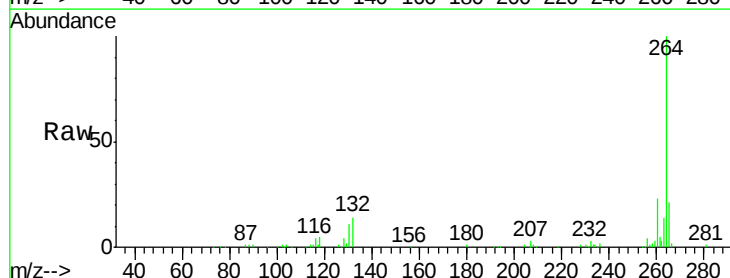
Tgt Ion:264 Resp: 158080

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.4 17.3 25.9



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

