

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078061.D
 Acq On : 28 Mar 2015 5:02
 Operator : TP/IZ
 Sample : G1672-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-101-32615

Quant Time: Mar 28 06:45:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:39:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	40738	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	162977	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	82889	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	165845	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	180612	20.00	ng	0.00
86) Perylene-d12	17.64	264	177599	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	116076	49.74	ng	0.00
7) Phenol-d6	6.67	99	85025	29.49	ng	0.00
23) Nitrobenzene-d5	7.77	82	211999	85.27	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	88545	111.65	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	485698	86.11	ng	0.00
78) Terphenyl-d14	14.65	244	566836	76.66	ng	0.00

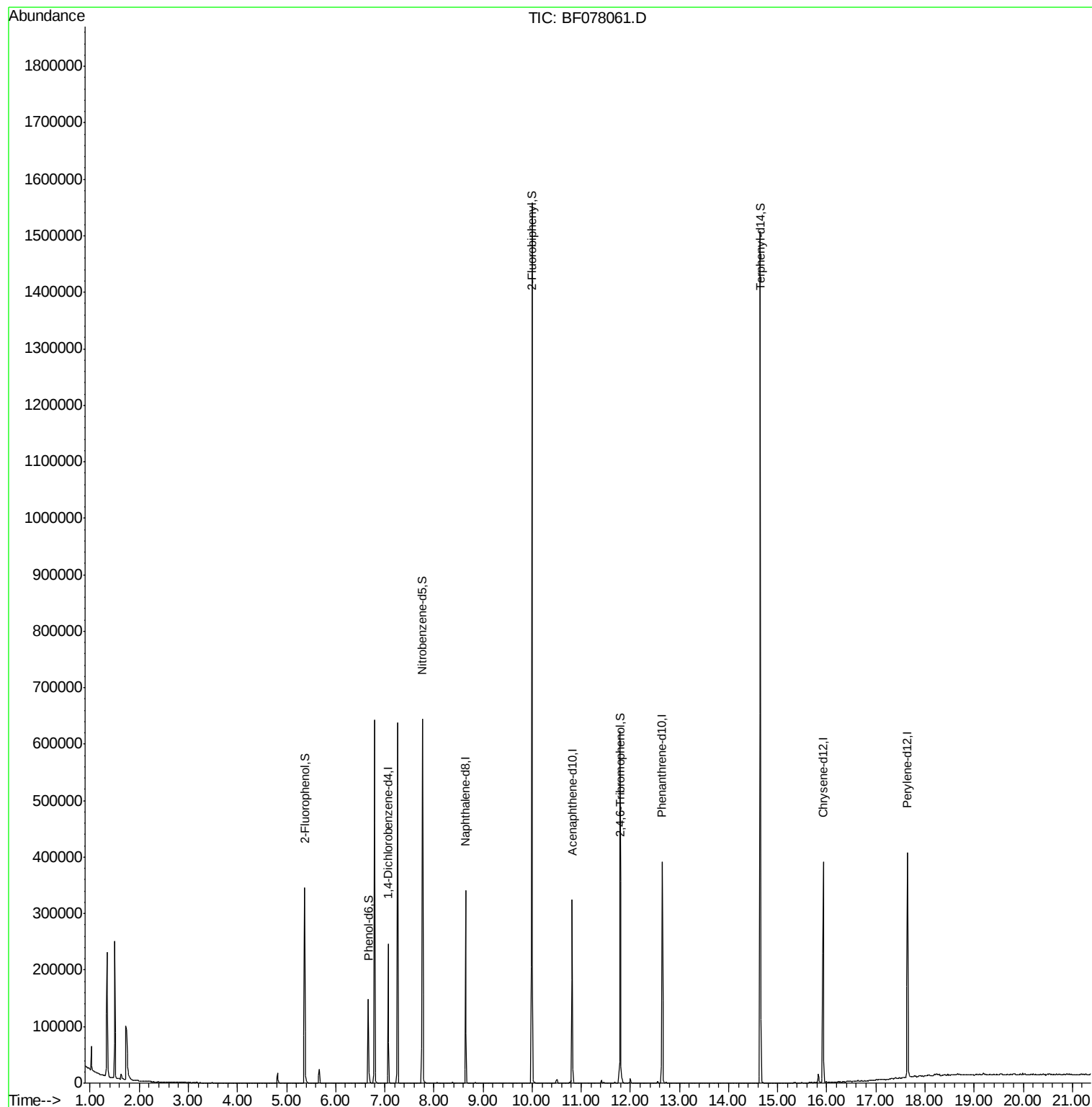
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078061.D

Acq: 28 Mar 2015 5:02

Instrument :

BNA_F

ClientSampleId :

DCW-WW-101-32615

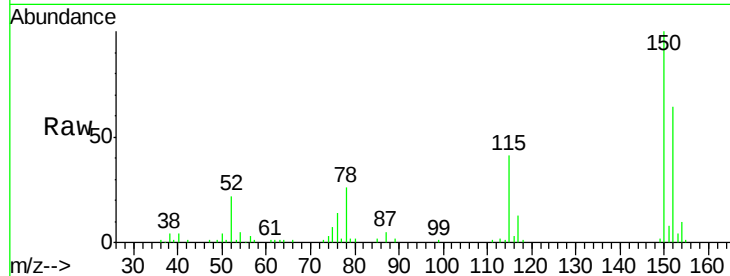
Tot Ion:152 Resp: 40738

Ion Ratio Lower Upper

152 100

150 155.9 119.5 179.3

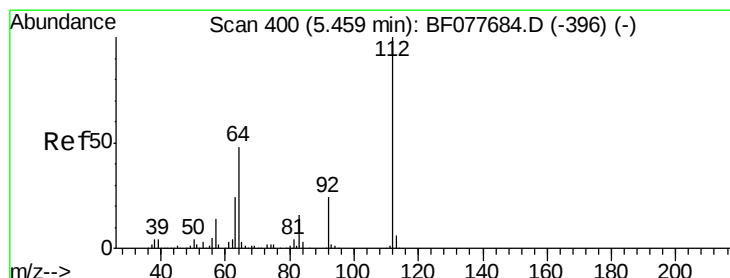
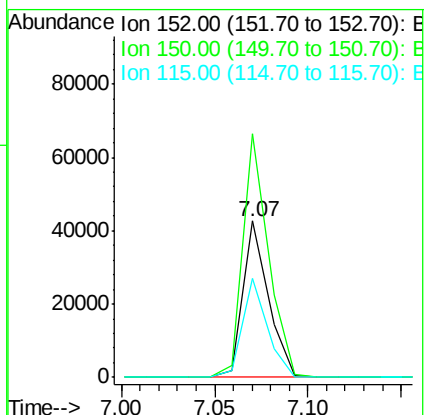
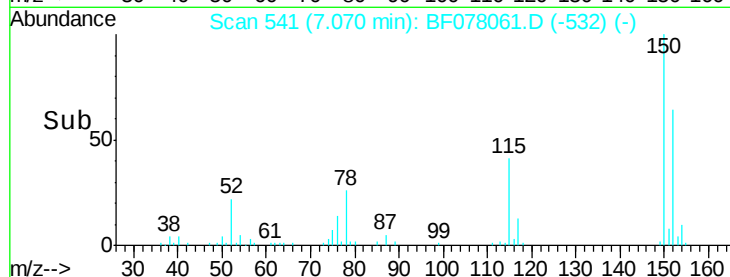
115 63.2 43.0 64.4



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: 49.74 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078061.D

Acq: 28 Mar 2015 5:02

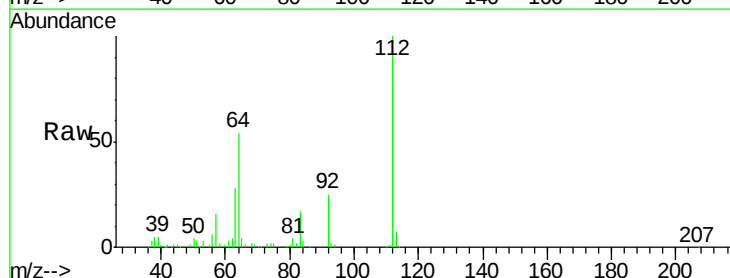
Tgt Ion:112 Resp: 116076

Ion Ratio Lower Upper

112 100

64 54.5 38.6 57.8

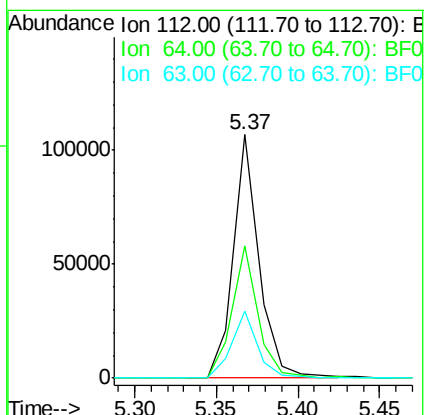
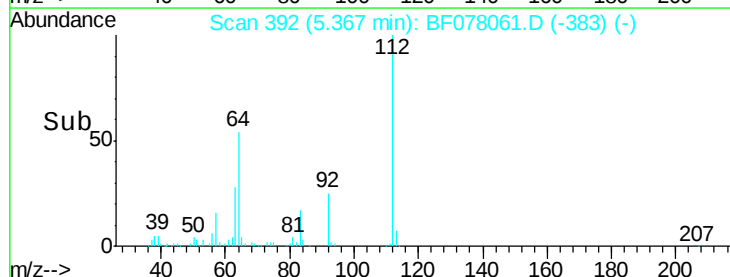
63 27.5 19.3 28.9



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: 29.49 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078061.D

Acq: 28 Mar 2015 5:02

Instrument :

BNA_F

ClientSampleId :

DCW-WW-101-32615

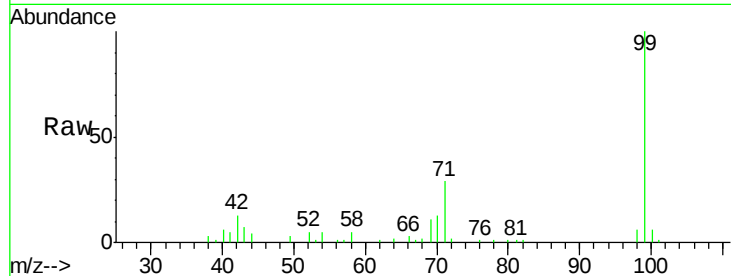
Tot Ion: 99 Resp: 85025

Ion Ratio Lower Upper

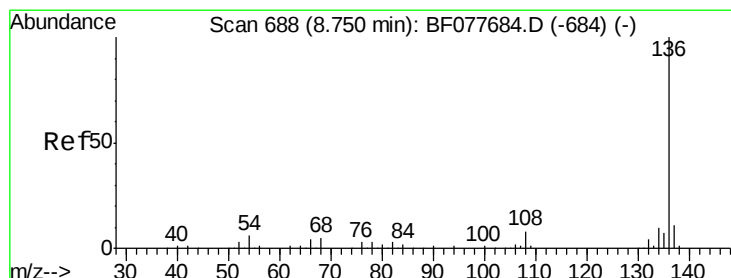
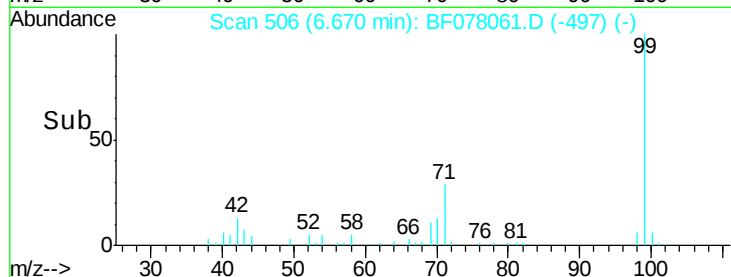
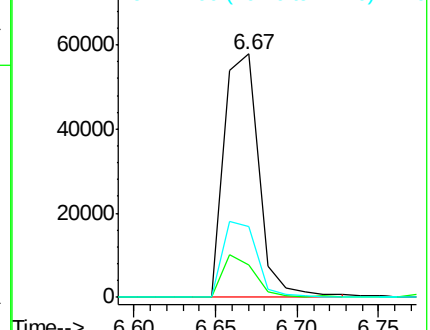
99 100

42 13.2 11.0 16.4

71 28.9 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: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078061.D

Acq: 28 Mar 2015 5:02

Tgt Ion: 136 Resp: 162977

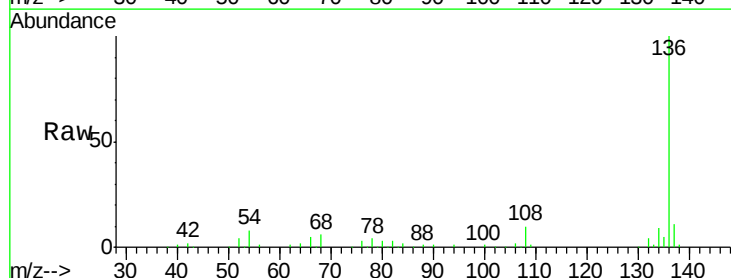
Ion Ratio Lower Upper

136 100

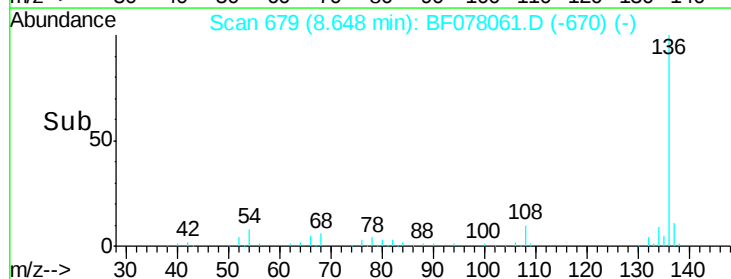
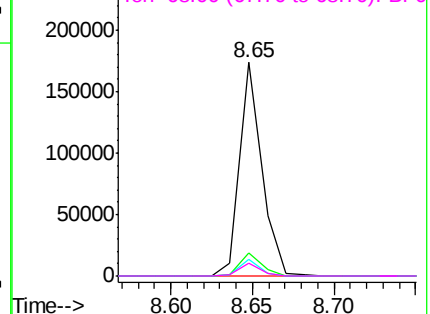
137 11.0 8.7 13.1

54 7.7 4.6 6.8#

68 6.0 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

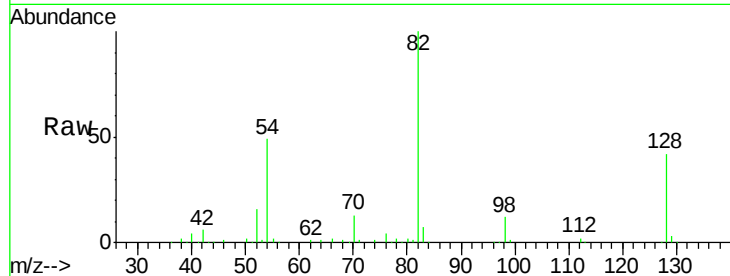




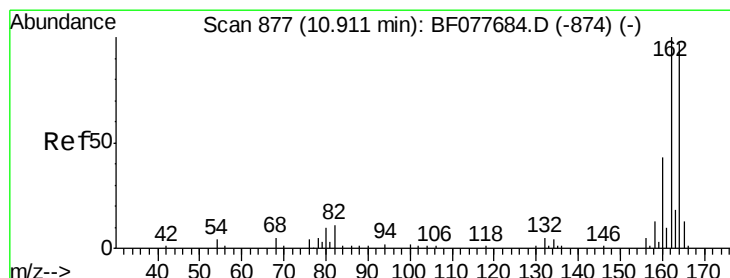
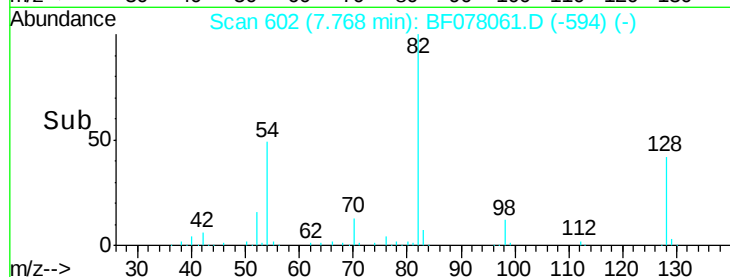
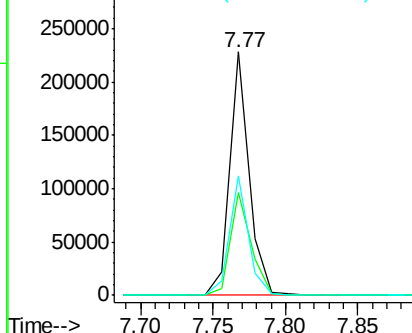
#23
 Nitrobenzene-d5
 Concen: 85.27 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078061.D
 Acq: 28 Mar 2015 5:02

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-101-32615

Tot Ion	82	Resp	211999
Ion Ratio	100	Lower	Upper
128	42.4	32.8	49.2
54	48.9	40.6	60.8

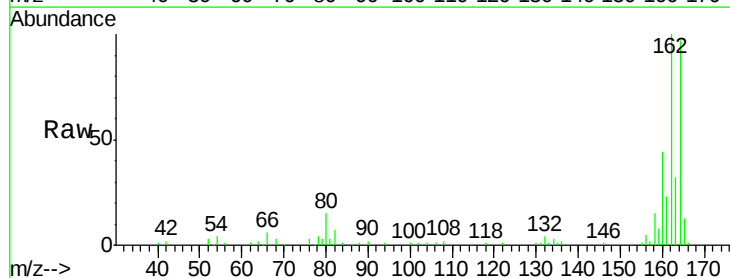


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

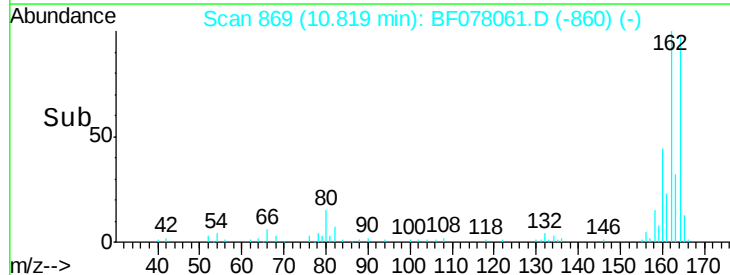
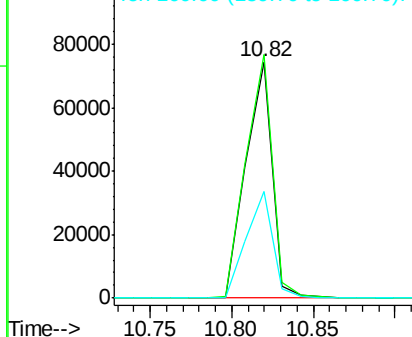


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078061.D
 Acq: 28 Mar 2015 5:02

Tgt Ion	164	Resp	82889
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.1	82.4	123.6
160	45.1	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

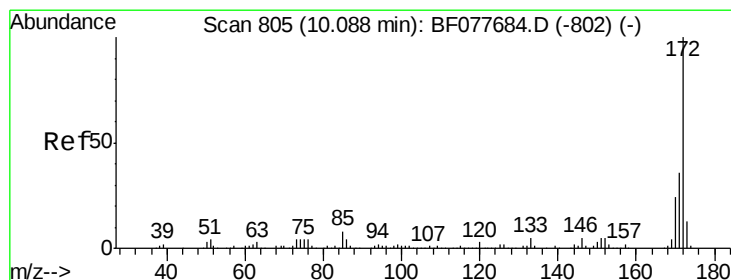
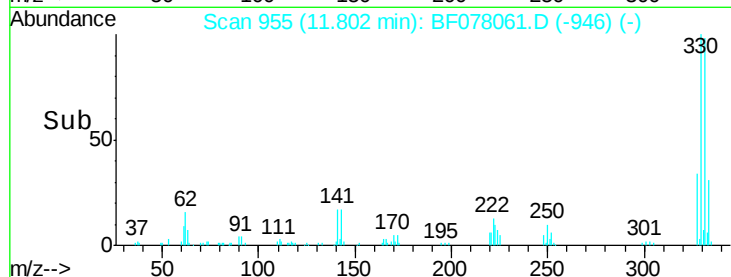
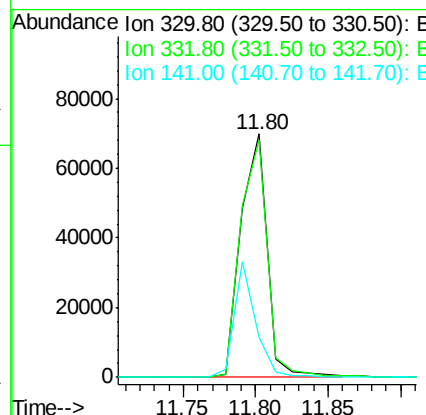
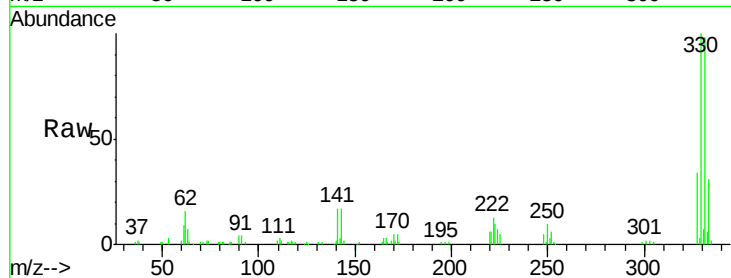




#41
 2,4,6-Tribromophenol
 Concen: 111.65 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078061.D
 Acq: 28 Mar 2015 5:02

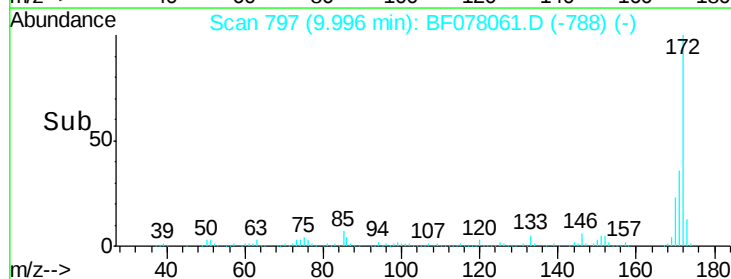
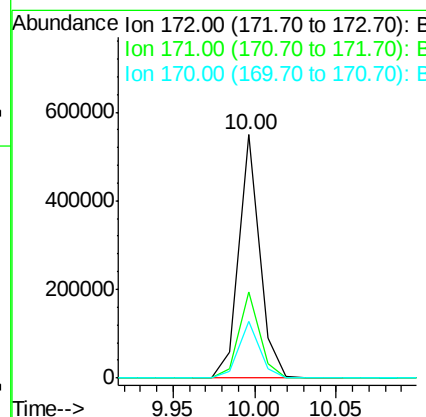
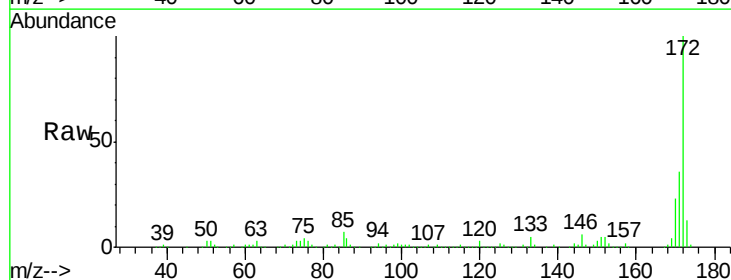
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-101-32615

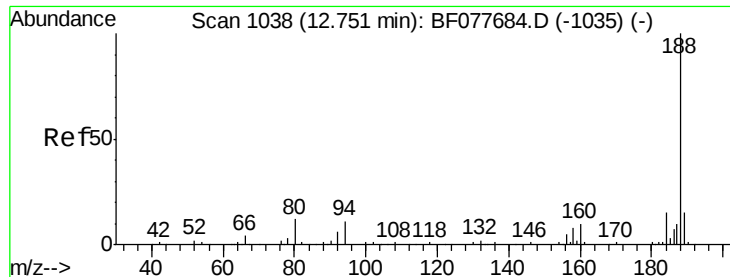
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	0.0	0.0#
141	38.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 86.11 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078061.D
 Acq: 28 Mar 2015 5:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.4	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF078061.D

Acq: 28 Mar 2015 5:02

Instrument :

BNA_F

ClientSampleId :

DCW-WW-101-32615

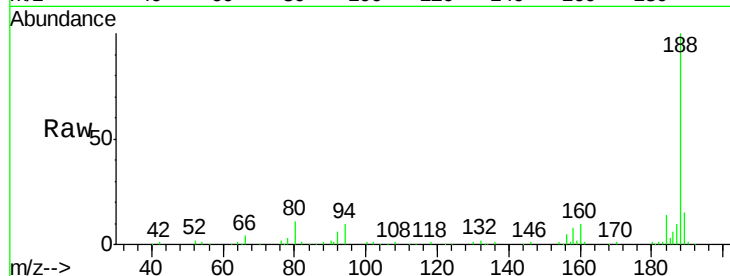
Tot Ion:188 Resp: 165845

Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

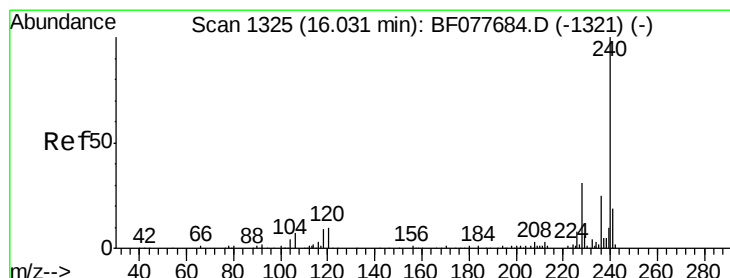
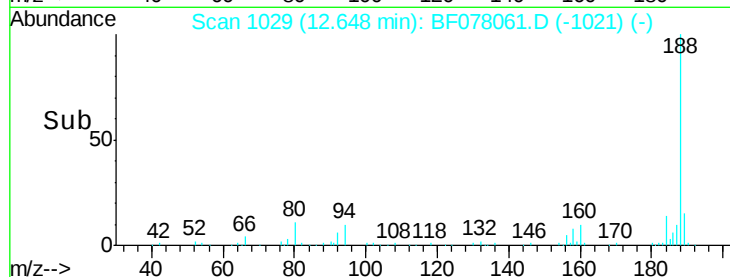
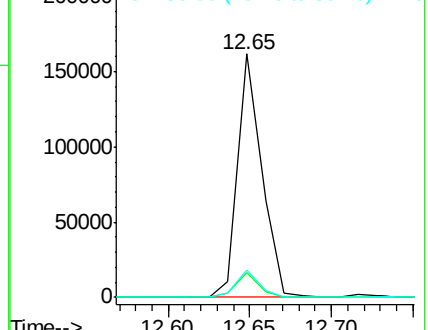
80 11.4 9.3 13.9



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: 15.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF078061.D

Acq: 28 Mar 2015 5:02

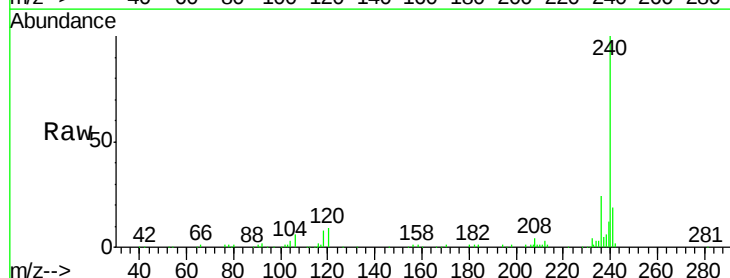
Tgt Ion:240 Resp: 180612

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

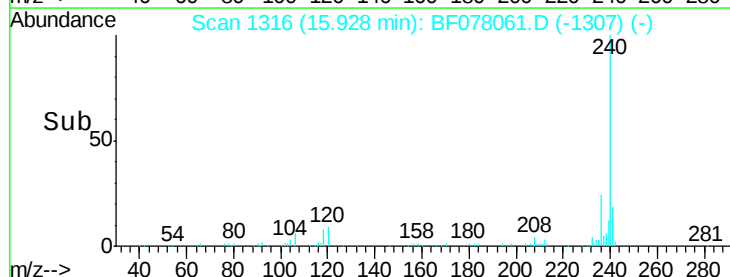
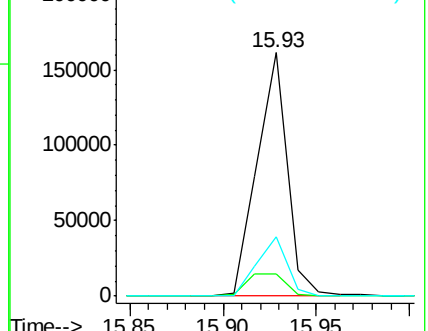
236 24.4 20.0 30.0

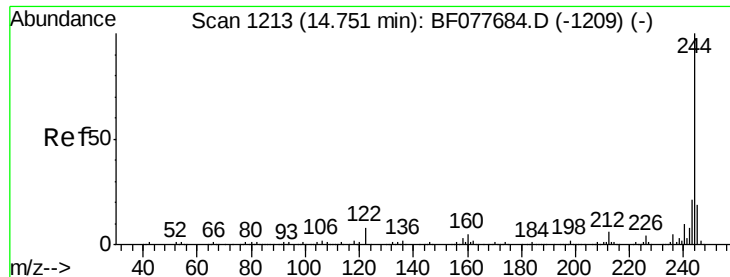


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.66 ng

RT: 14.65 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF078061.D

Acq: 28 Mar 2015 5:02

Instrument :

BNA_F

ClientSampleId :

DCW-WW-101-32615

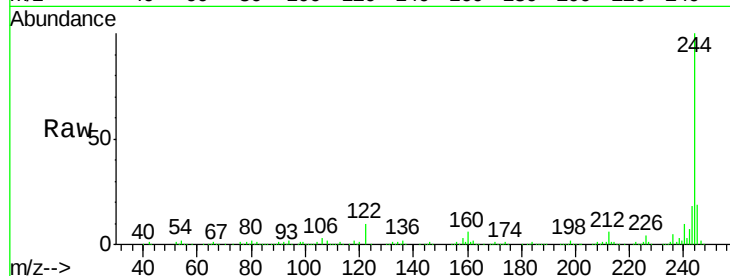
Tot Ion:244 Resp: 566836

Ion Ratio Lower Upper

244 100

212 6.4 4.9 7.3

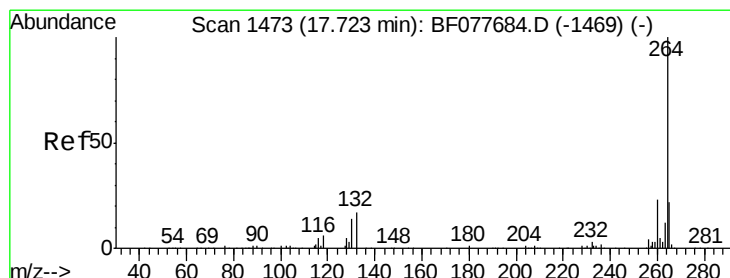
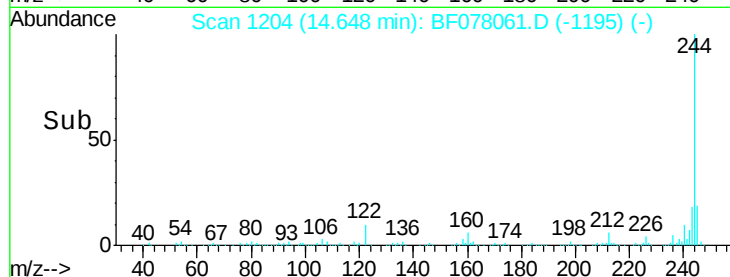
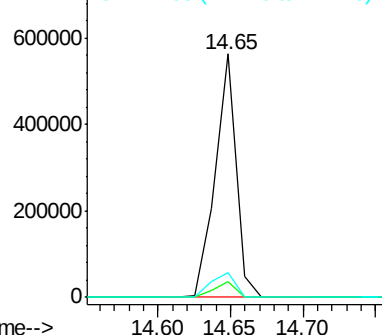
122 10.1 6.2 9.4#



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: 17.64 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BF078061.D

Acq: 28 Mar 2015 5:02

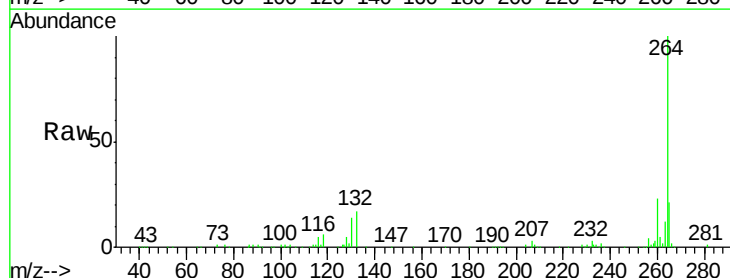
Tgt Ion:264 Resp: 177599

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.1 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

