

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078070.D
 Acq On : 28 Mar 2015 9:20
 Operator : TP/IZ
 Sample : G1674-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-BS-06-32515

Quant Time: Mar 30 00:14:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 30 00:50:20 2015
 Response via : Initial Calibration

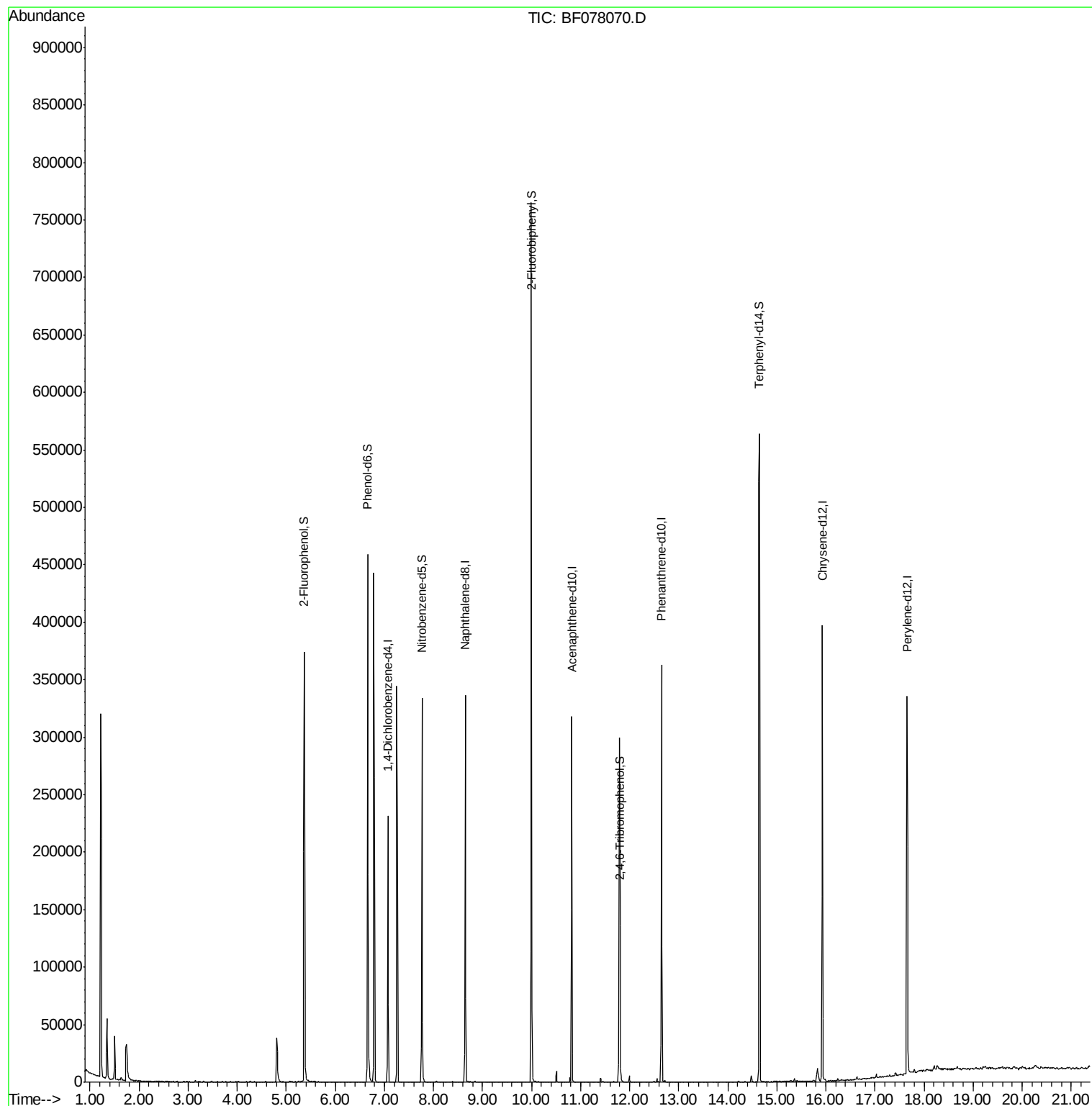
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	38049	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	157844	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	77344	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	150101	20.00	ng	0.00
75) Chrysene-d12	15.93	240	168531	20.00	ng	0.00
86) Perylene-d12	17.65	264	161565	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	142773	65.50	ng	0.00
7) Phenol-d6	6.66	99	184485	68.50	ng	-0.01
23) Nitrobenzene-d5	7.77	82	103981	43.18	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	39456	53.32	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	241246	45.84	ng	0.00
78) Terphenyl-d14	14.65	244	281019	40.73	ng	0.00
Target Compounds						
76) Benzidine	14.35	184	361	Below Cal	Qvalue #	68

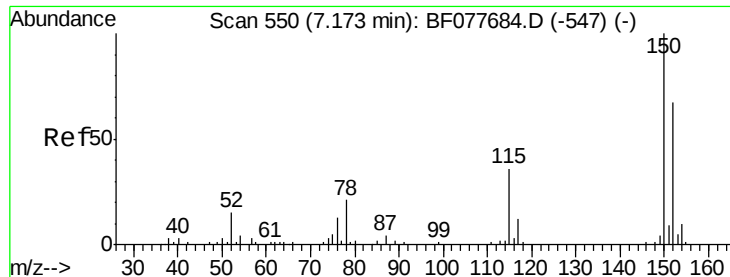
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078070.D
Acq On : 28 Mar 2015 9:20
Operator : TP/IZ
Sample : G1674-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-BS-06-32515

Quant Time: Mar 30 00:14:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 30 00:50:20 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078070.D

Acq: 28 Mar 2015 9:20

Instrument :

BNA_F

ClientSampleId :

DCW-BS-06-32515

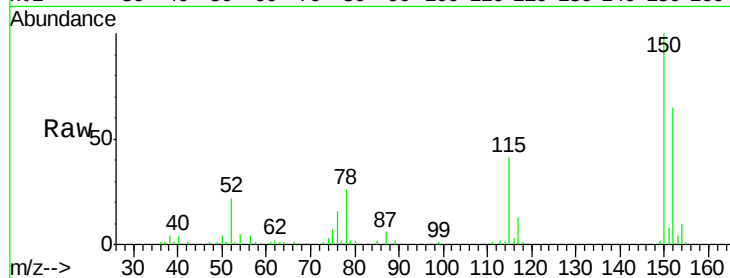
Tgt Ion:152 Resp: 38049

Ion Ratio Lower Upper

152 100

150 154.5 119.5 179.3

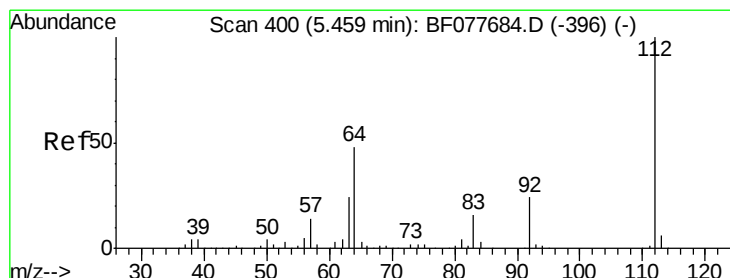
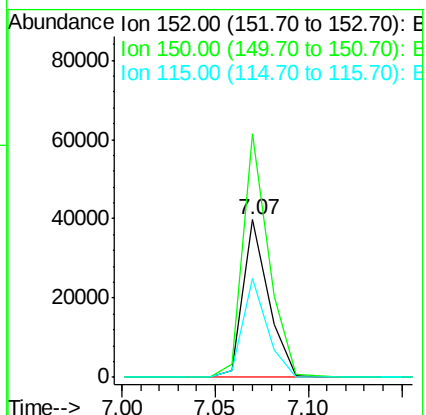
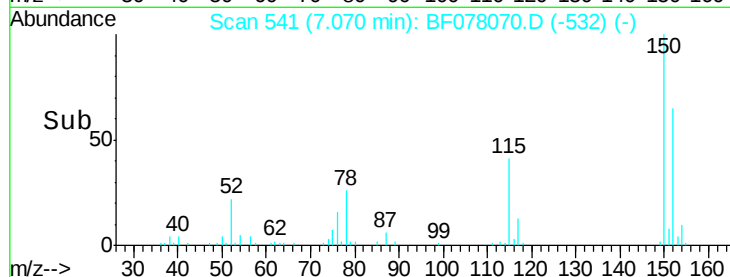
115 63.0 43.0 64.4



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: 65.50 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078070.D

Acq: 28 Mar 2015 9:20

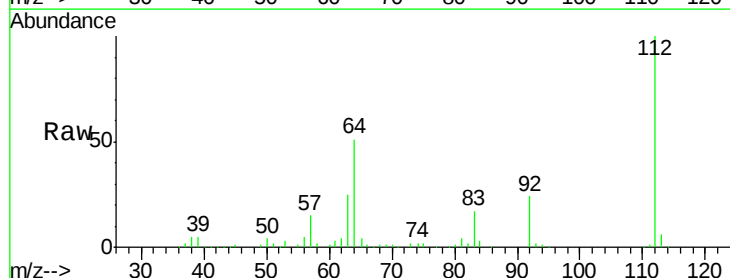
Tgt Ion:112 Resp: 142773

Ion Ratio Lower Upper

112 100

64 51.4 38.6 57.8

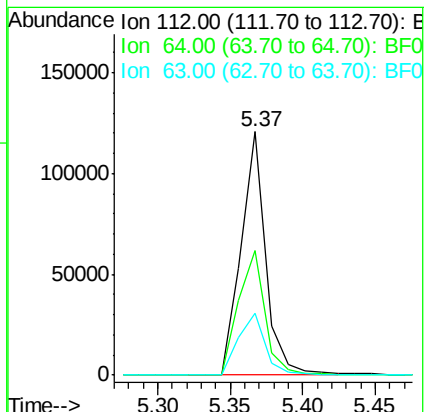
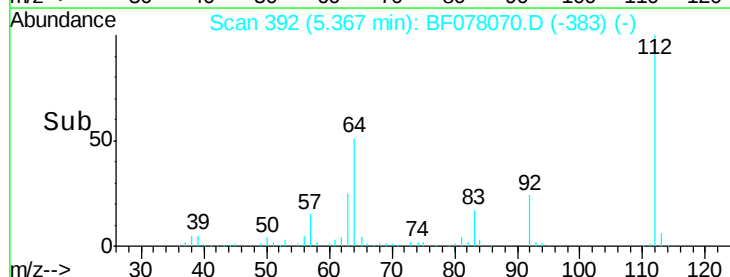
63 25.4 19.3 28.9



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: 68.50 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078070.D

Acq: 28 Mar 2015 9:20

Instrument :

BNA_F

ClientSampleId :

DCW-BS-06-32515

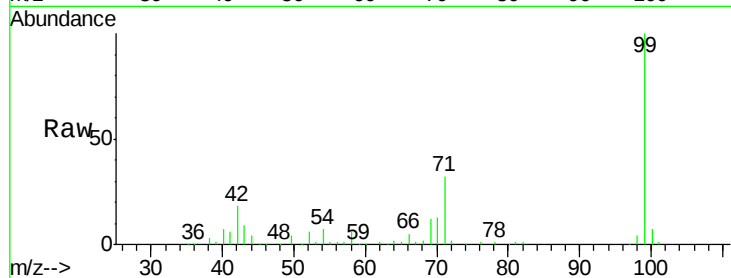
Tgt Ion: 99 Resp: 184485

Ion Ratio Lower Upper

99 100

42 17.7 11.0 16.4#

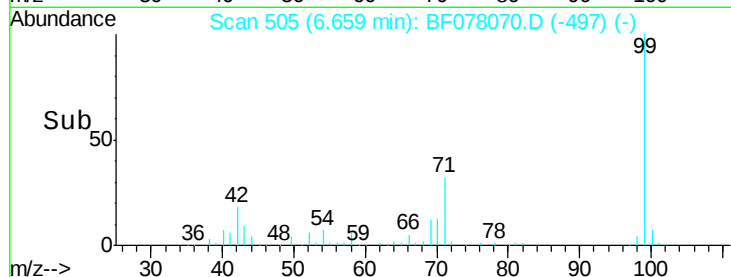
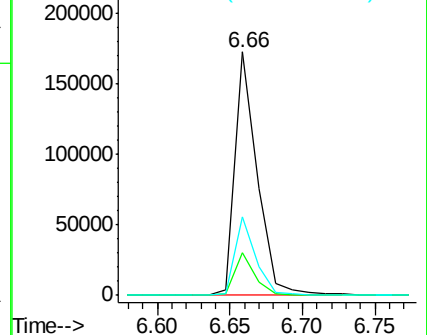
71 32.3 23.4 35.2



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: BF078070.D

Acq: 28 Mar 2015 9:20

Tgt Ion: 136 Resp: 157844

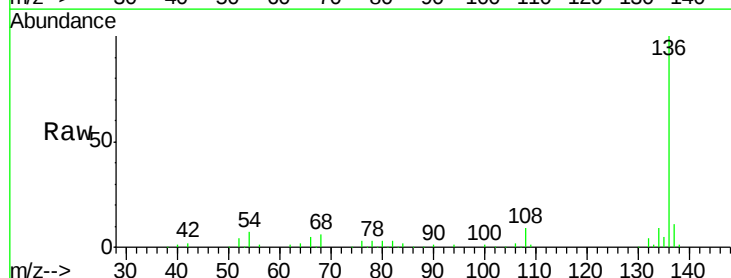
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.3 4.6 6.8#

68 5.7 3.7 5.5#

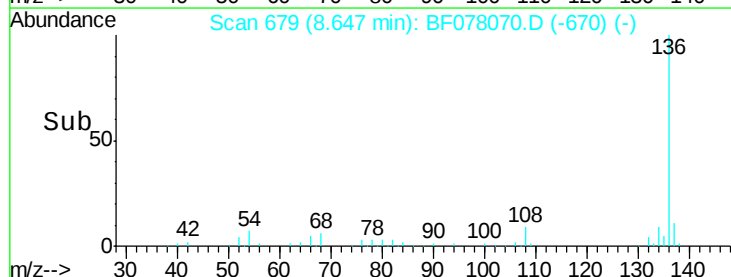
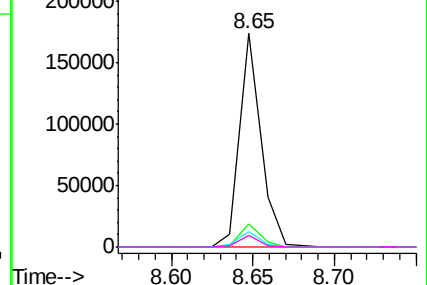


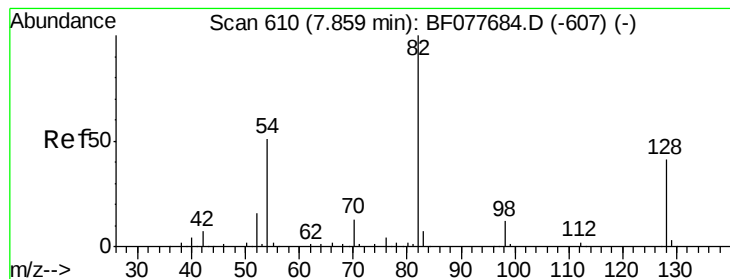
Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.18 ng

RT: 7.77 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF078070.D

Acq: 28 Mar 2015 9:20

Instrument :

BNA_F

ClientSampleId :

DCW-BS-06-32515

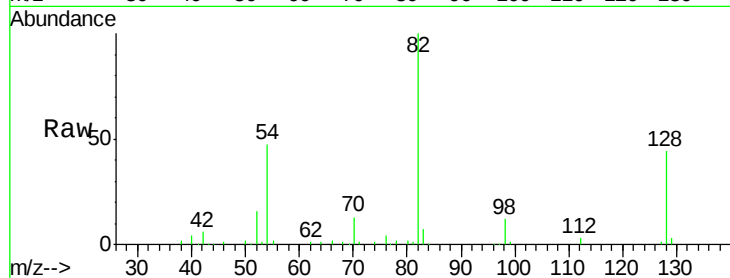
Tgt Ion: 82 Resp: 103981

Ion Ratio Lower Upper

82 100

128 44.0 32.8 49.2

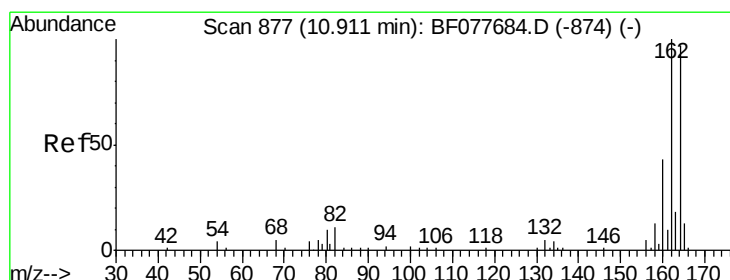
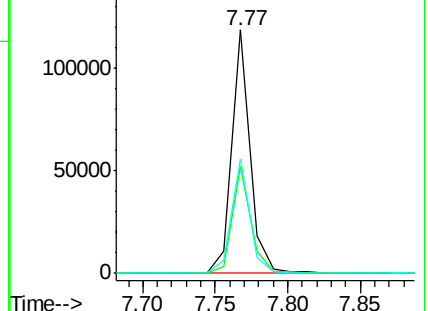
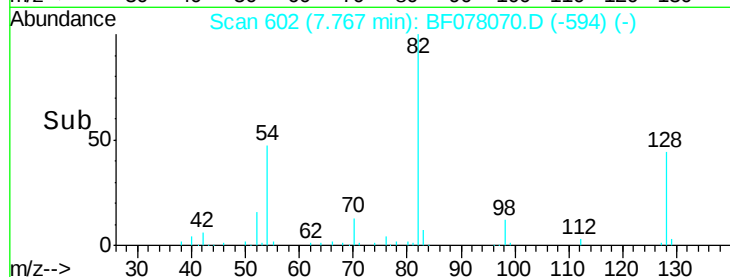
54 47.1 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.82 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF078070.D

Acq: 28 Mar 2015 9:20

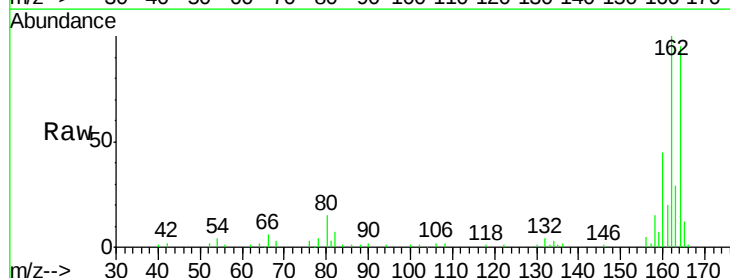
Tgt Ion: 164 Resp: 77344

Ion Ratio Lower Upper

164 100

162 104.8 82.4 123.6

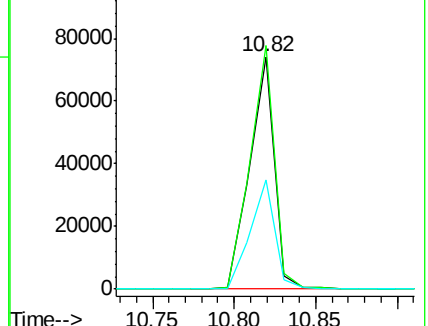
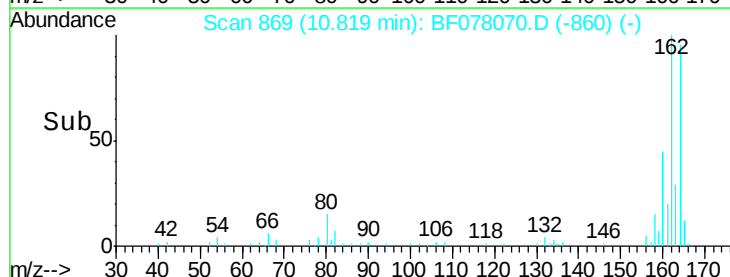
160 46.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)

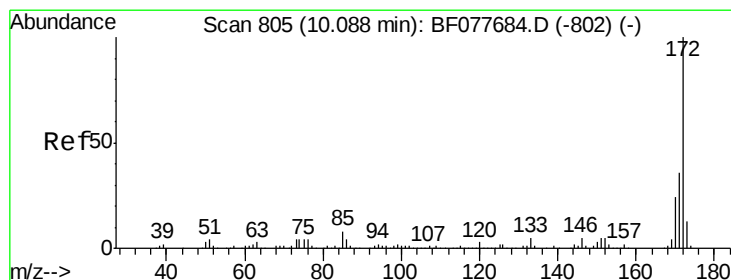
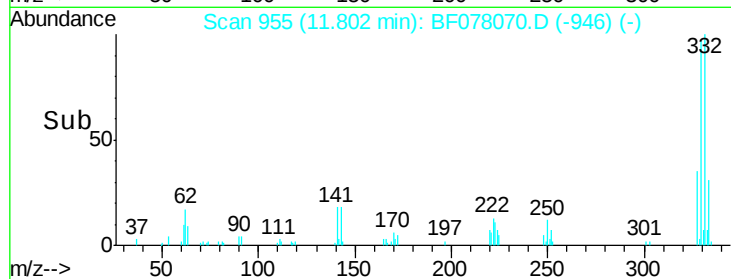
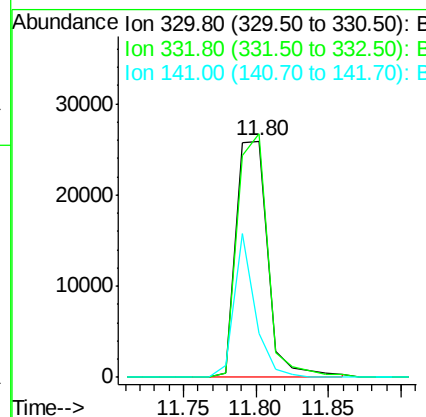
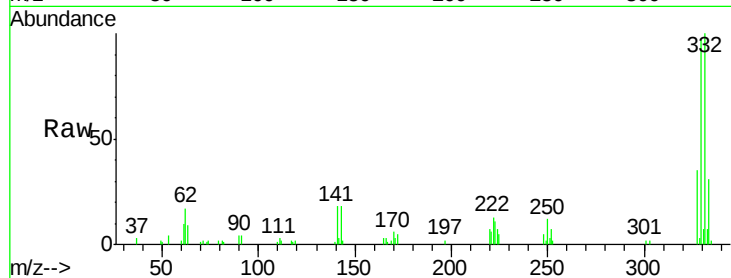




#41
 2,4,6-Tribromophenol
 Concen: 53.32 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078070.D
 Acq: 28 Mar 2015 9:20

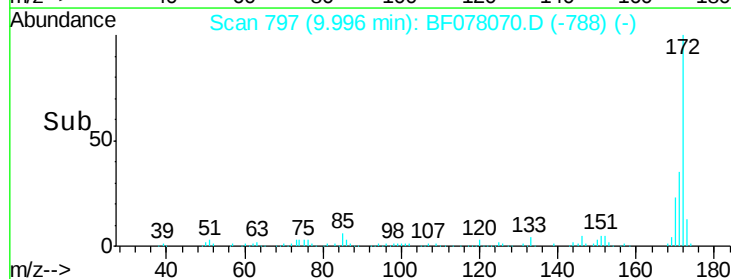
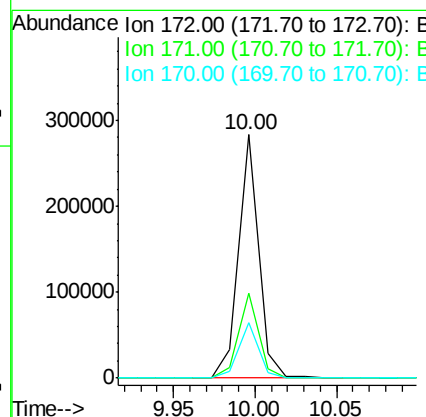
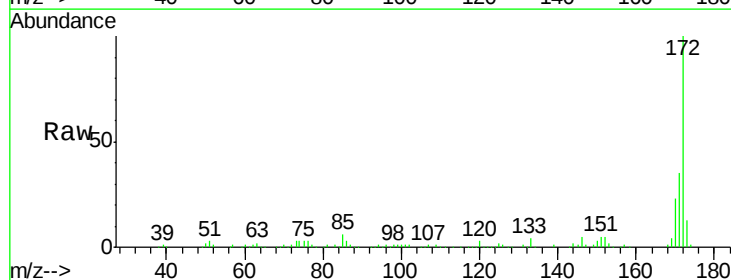
Instrument :
 BNA_F
 ClientSampleId :
 DCW-BS-06-32515

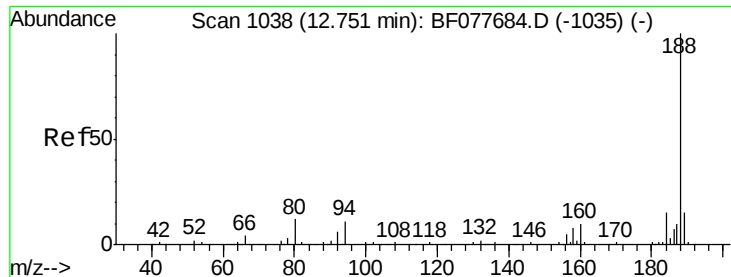
Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.1	0.0	0.0#
141	40.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 45.84 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078070.D
 Acq: 28 Mar 2015 9:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.0	18.8	28.2

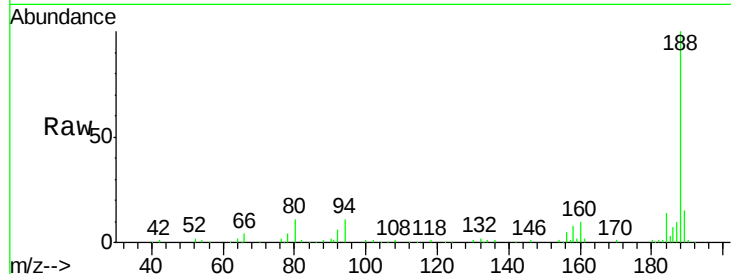




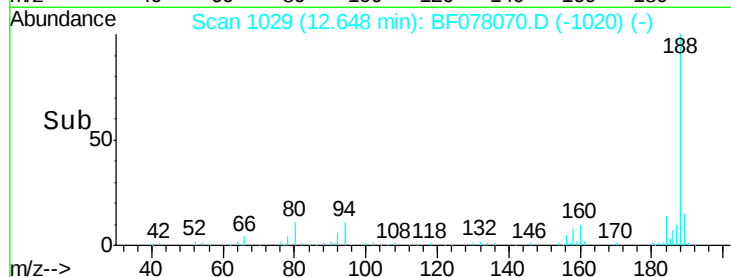
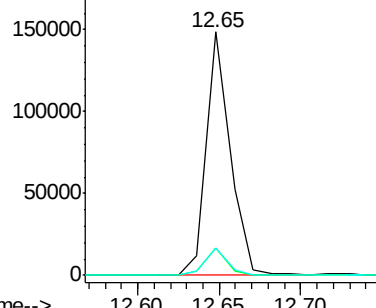
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078070.D
Acq: 28 Mar 2015 9:20

Instrument :
BNA_F
ClientSampleId :
DCW-BS-06-32515

Tgt Ion:188 Resp: 150101
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 11.4 9.3 13.9

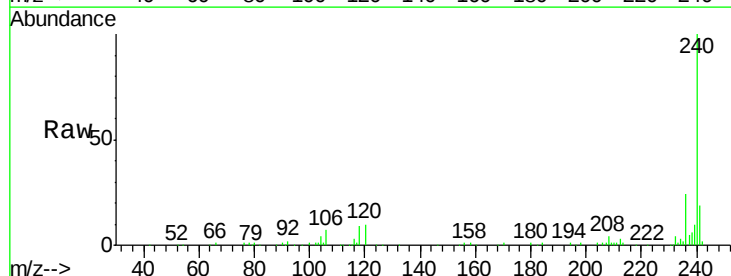


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

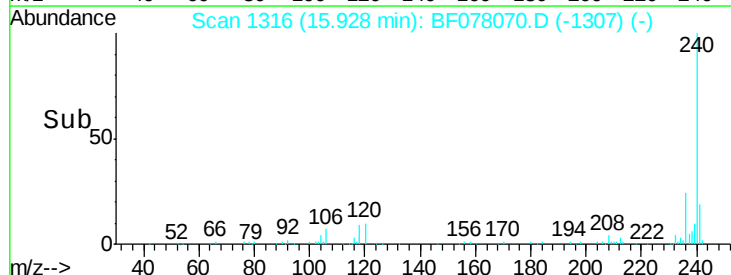
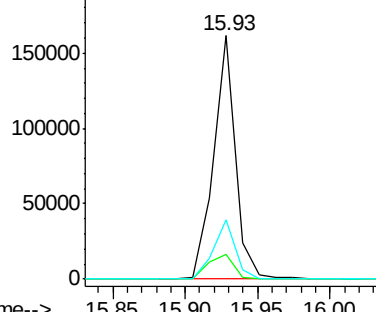


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078070.D
Acq: 28 Mar 2015 9:20

Tgt Ion:240 Resp: 168531
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 24.5 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

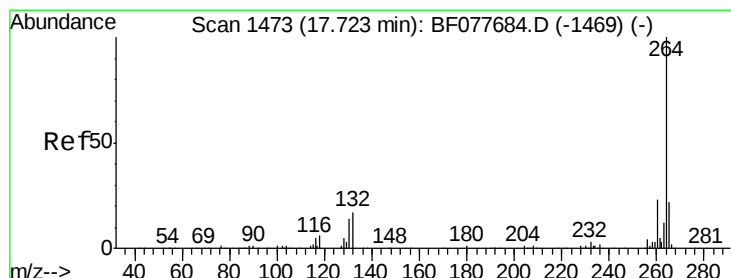
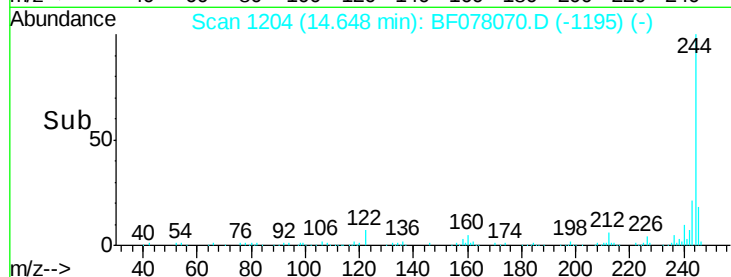
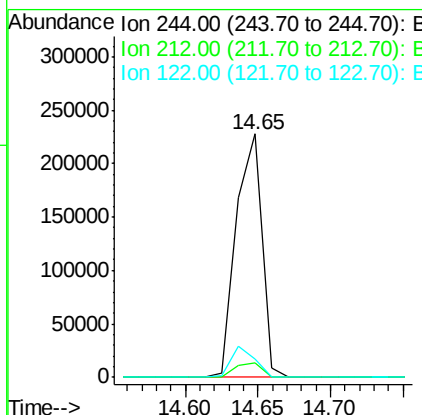
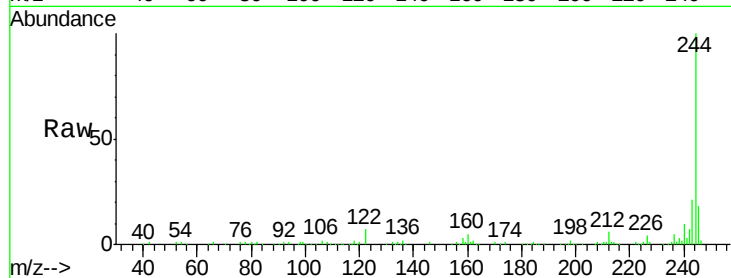




#78
 Terphenyl-d14
 Concen: 40.73 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078070.D
 Acq: 28 Mar 2015 9:20

Instrument :
 BNA_F
 ClientSampleId :
 DCW-BS-06-32515

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.9	4.9	7.3
122	7.5	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BF078070.D
 Acq: 28 Mar 2015 9:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	20.7	17.3	25.9

