

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
 Data File : BF078122.D
 Acq On : 31 Mar 2015 19:05
 Operator : TP/IZ
 Sample : G1700-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0425

Quant Time: Apr 01 01:23:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	44600	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	185648	20.00	ng	0.00
38) Acenaphthene-d10	10.78	164	94086	20.00	ng	0.00
63) Phenanthrene-d10	12.62	188	191062	20.00	ng	0.00
75) Chrysene-d12	15.91	240	189539	20.00	ng	0.01
86) Perylene-d12	17.68	264	178061	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	136644	53.48	ng	0.00
7) Phenol-d6	6.64	99	99133	31.40	ng	0.00
23) Nitrobenzene-d5	7.74	82	269060	95.00	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	107160	119.04	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	578529	90.37	ng	0.00
78) Terphenyl-d14	14.63	244	651963	84.02	ng	0.01

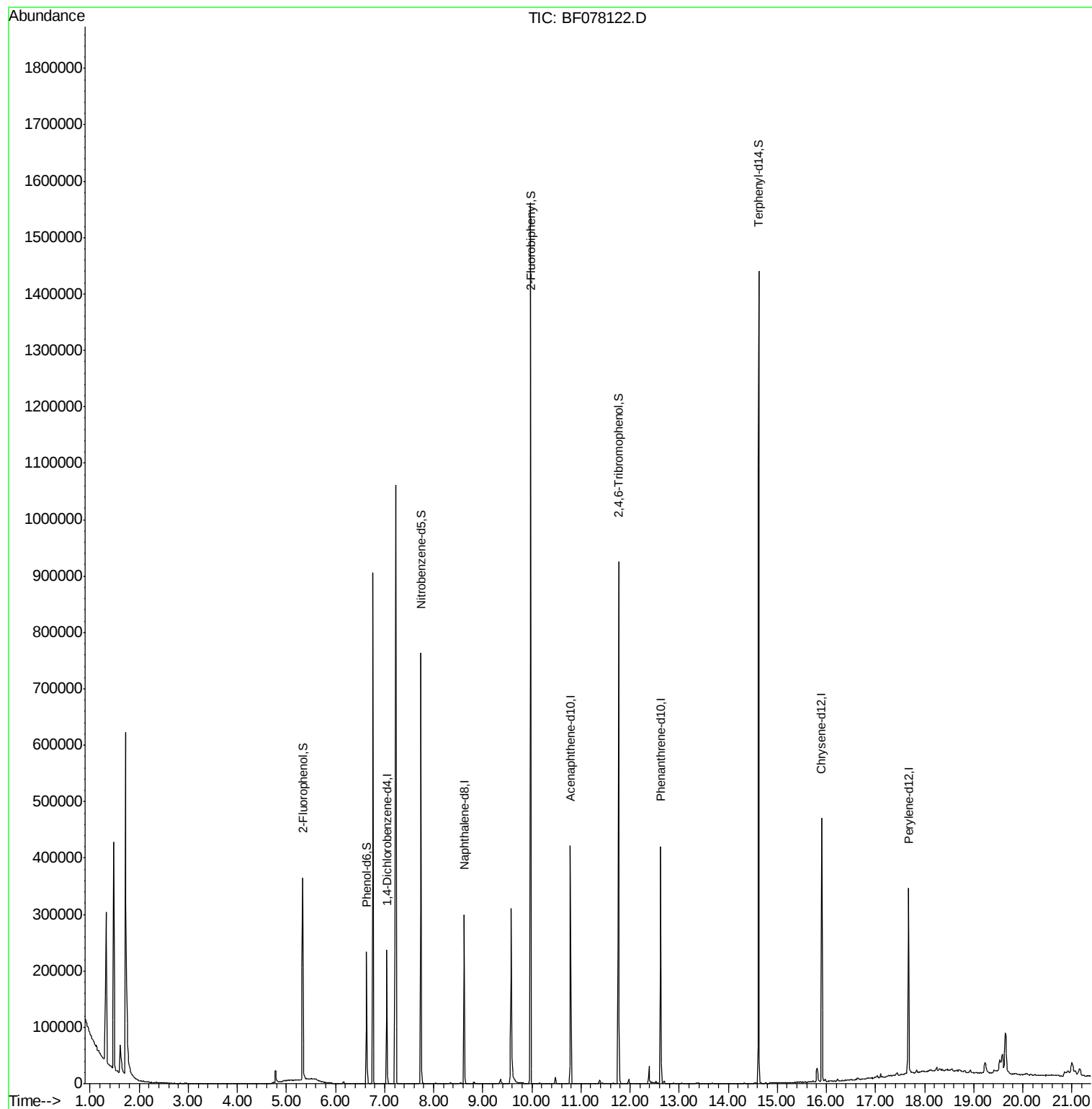
Target Compounds Qvalue

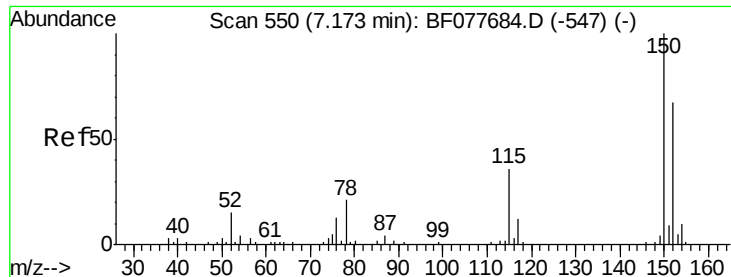
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF078122.D

Acq: 31 Mar 2015 19:05

Instrument :

BNA_F

ClientSampleId :

S8-0425

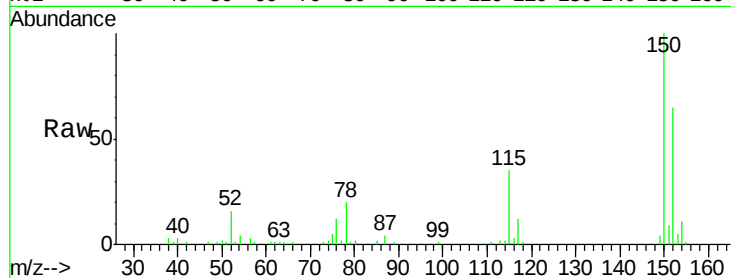
Tot Ion:152 Resp: 44600

Ion Ratio Lower Upper

152 100

150 155.0 119.5 179.3

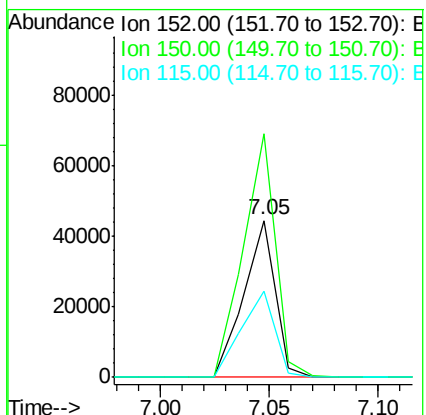
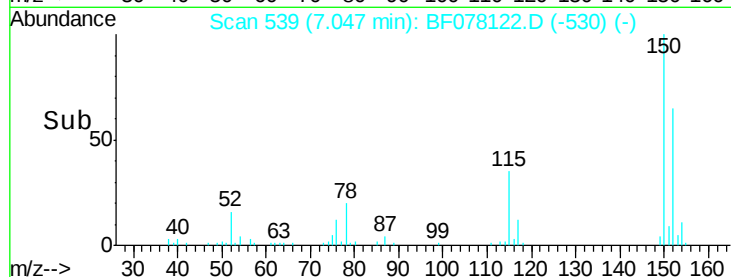
115 55.0 43.0 64.4



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: 53.48 ng

RT: 5.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF078122.D

Acq: 31 Mar 2015 19:05

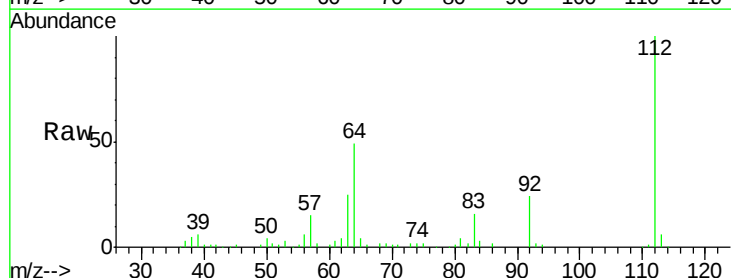
Tgt Ion:112 Resp: 136644

Ion Ratio Lower Upper

112 100

64 49.3 38.6 57.8

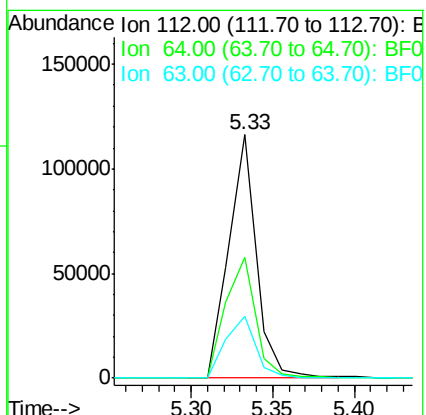
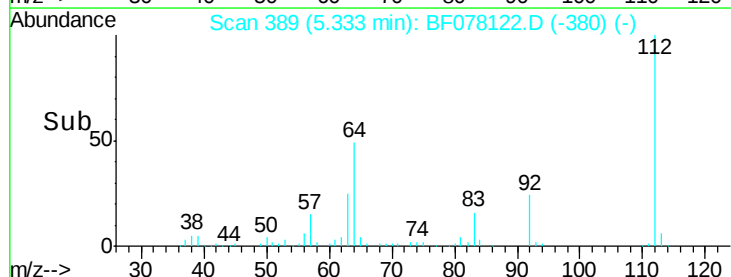
63 25.3 19.3 28.9



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: 31.40 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078122.D

Acq: 31 Mar 2015 19:05

Instrument :

BNA_F

ClientSampleId :

S8-0425

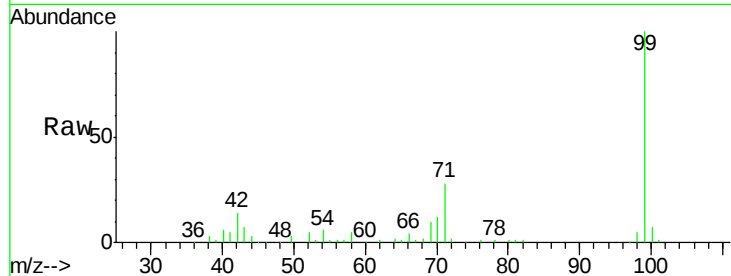
Tot Ion: 99 Resp: 99133

Ion Ratio Lower Upper

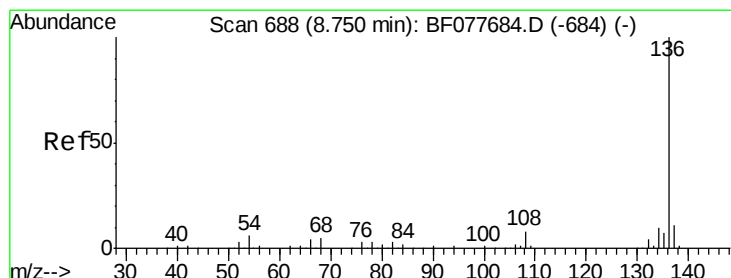
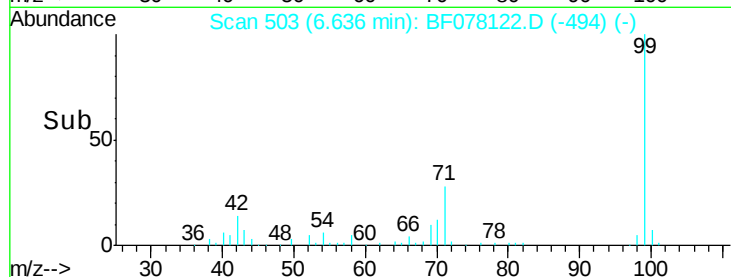
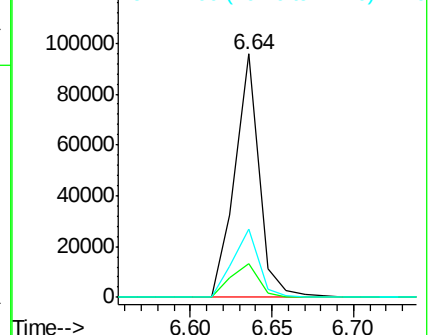
99 100

42 14.0 11.0 16.4

71 28.1 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: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078122.D

Acq: 31 Mar 2015 19:05

Tgt Ion: 136 Resp: 185648

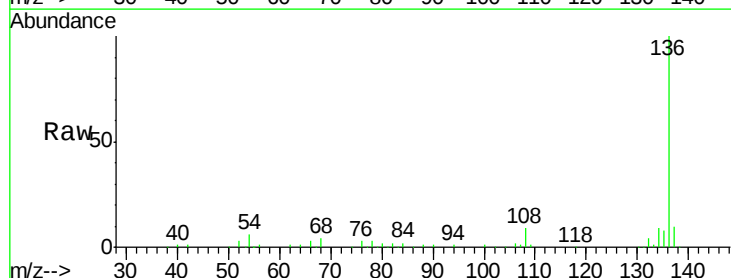
Ion Ratio Lower Upper

136 100

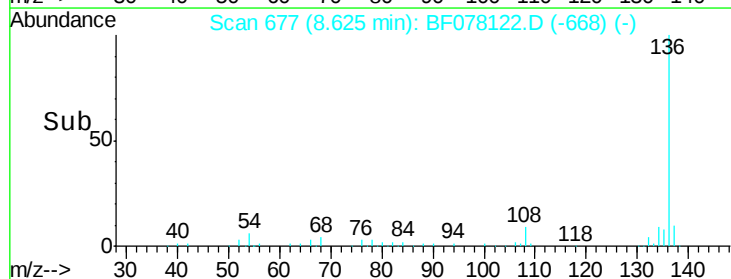
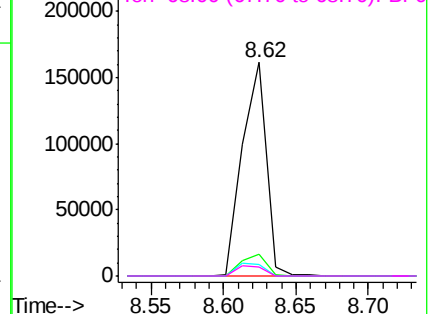
137 10.2 8.7 13.1

54 5.5 4.6 6.8

68 4.3 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: 95.00 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF078122.D

Acq: 31 Mar 2015 19:05

Instrument :

BNA_F

ClientSampleId :

S8-0425

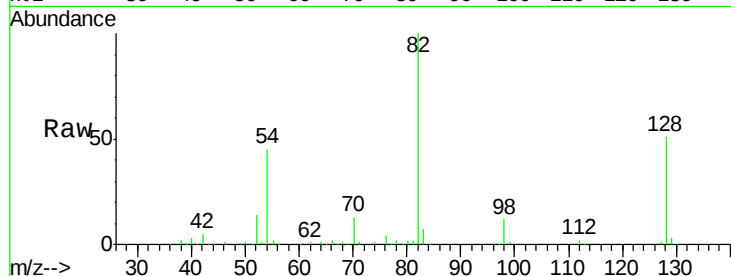
Tot Ion: 82 Resp: 269060

Ion Ratio Lower Upper

82 100

128 50.7 32.8 49.2#

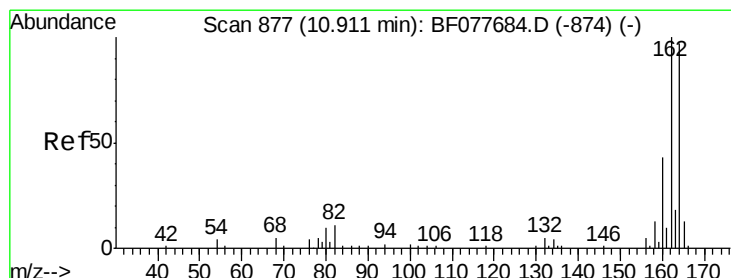
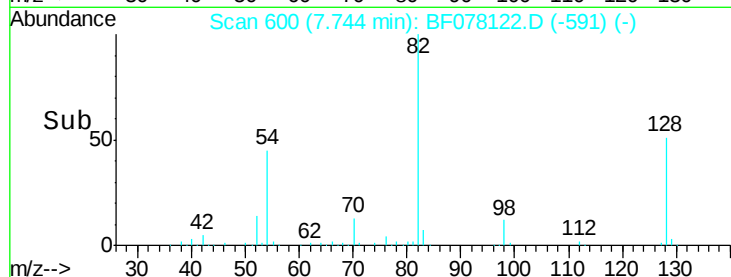
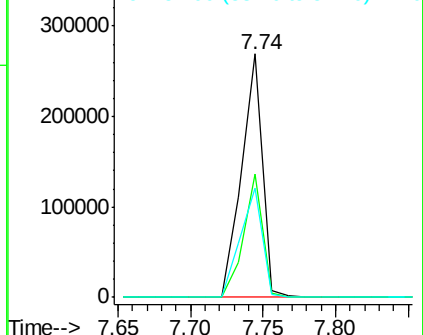
54 44.8 40.6 60.8



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: 10.78 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF078122.D

Acq: 31 Mar 2015 19:05

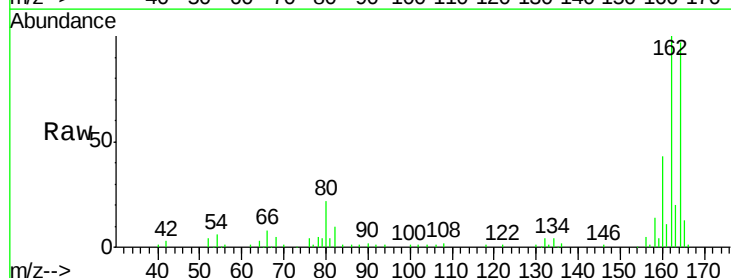
Tgt Ion:164 Resp: 94086

Ion Ratio Lower Upper

164 100

162 103.5 82.4 123.6

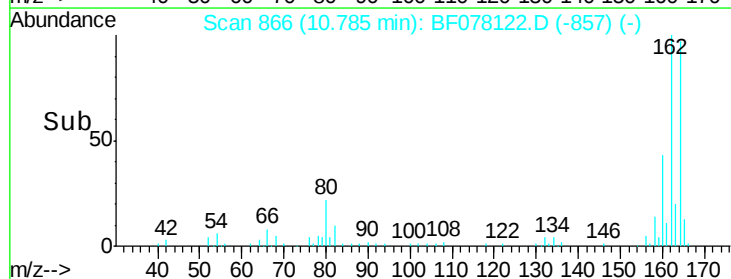
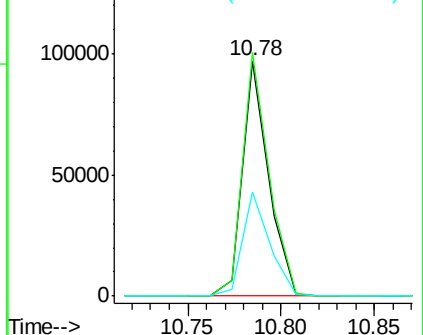
160 44.5 35.8 53.6



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

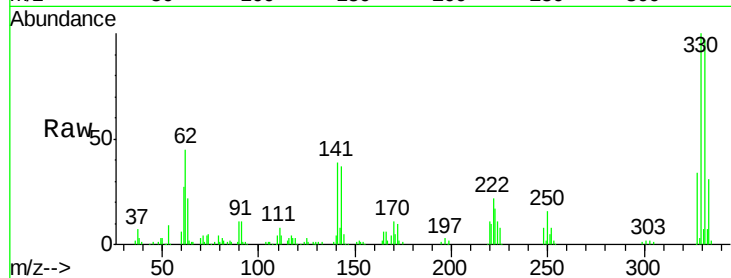




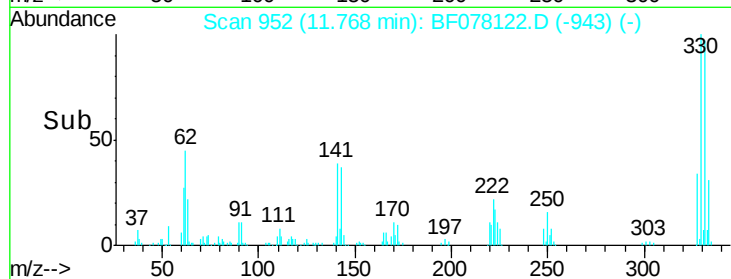
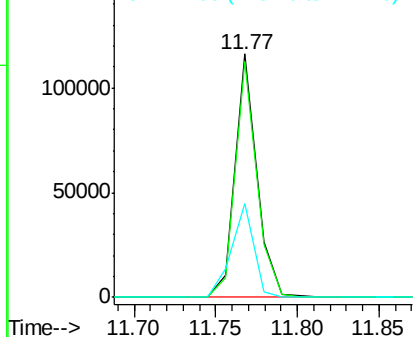
#41
 2,4,6-Tribromophenol
 Concen: 119.04 ng
 RT: 11.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF078122.D
 Acq: 31 Mar 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 S8-0425

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	39.4	0.0	0.0#

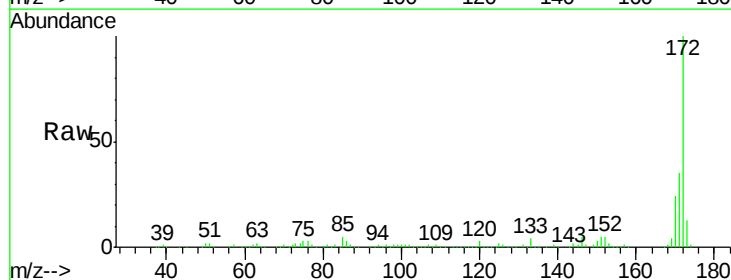


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

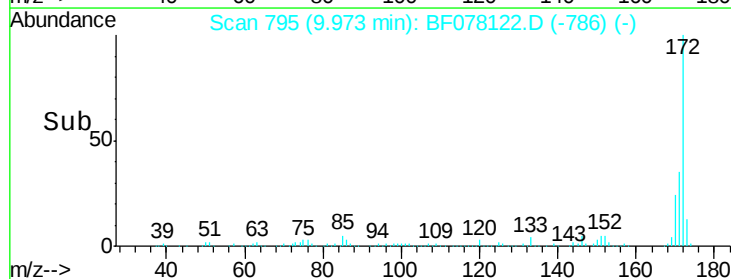
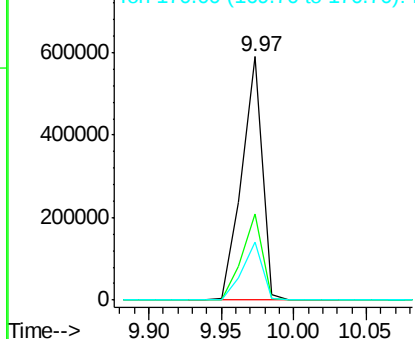


#44
 2-Fluorobiphenyl
 Concen: 90.37 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078122.D
 Acq: 31 Mar 2015 19:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.8	18.8	28.2



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

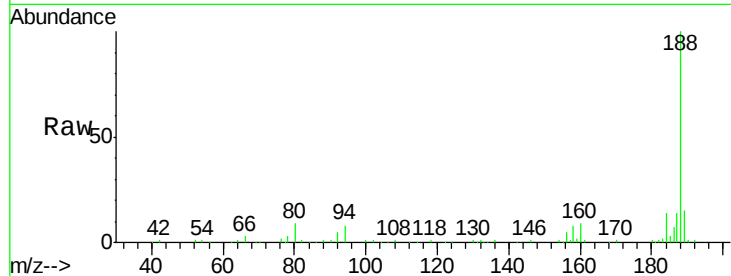




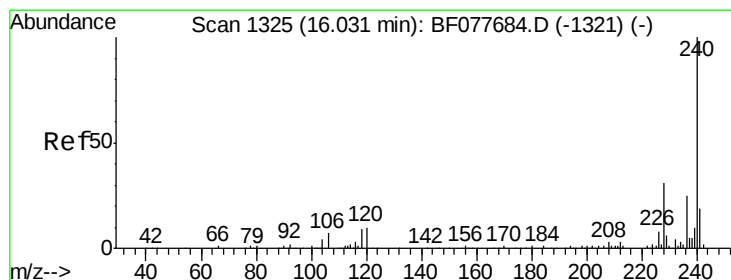
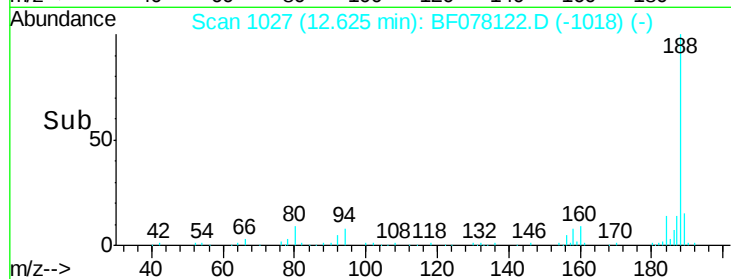
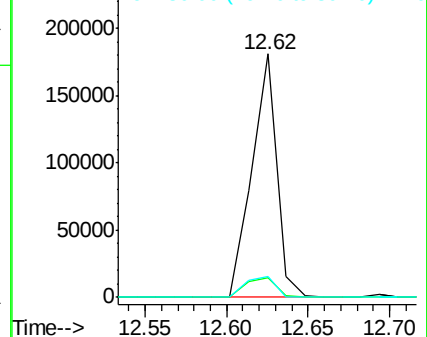
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078122.D
Acq: 31 Mar 2015 19:05

Instrument :
BNA_F
ClientSampleId :
S8-0425

Tot Ion	188	Resp	191062
Ion Ratio	100	Lower	Upper
94	8.2	8.7	13.1#
80	8.6	9.3	13.9#

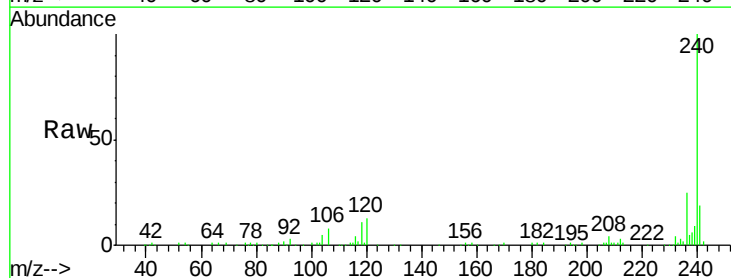


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

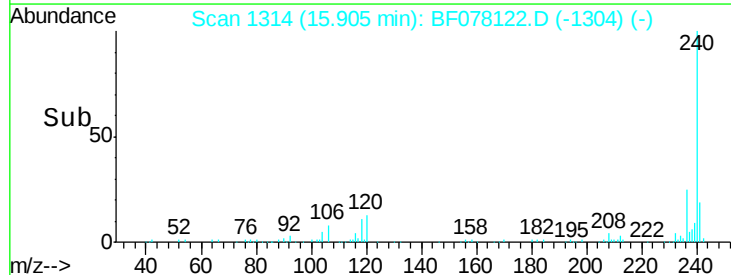
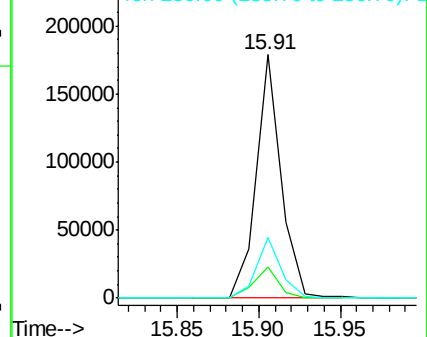


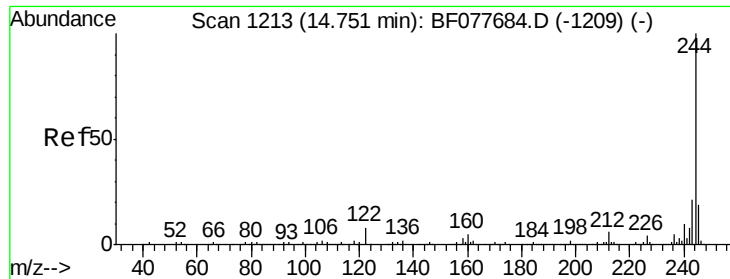
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF078122.D
Acq: 31 Mar 2015 19:05

Tgt Ion	240	Resp	189539
Ion Ratio	100	Lower	Upper
120	12.5	8.2	12.2#
236	25.1	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: 84.02 ng

RT: 14.63 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF078122.D

Acq: 31 Mar 2015 19:05

Instrument :

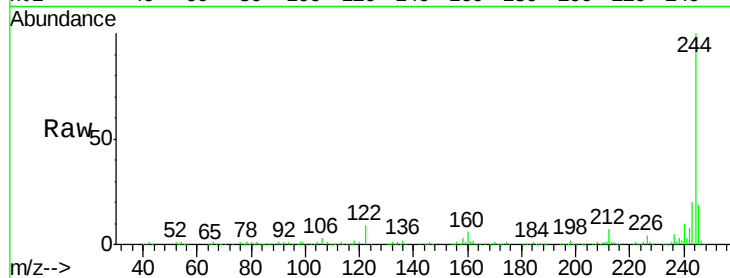
BNA_F

ClientSampleId :

S8-0425

Tot Ion:244 Resp: 651963

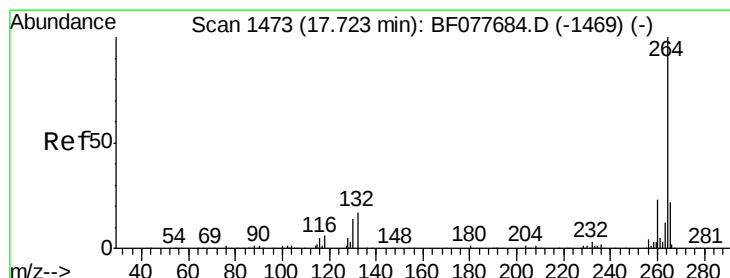
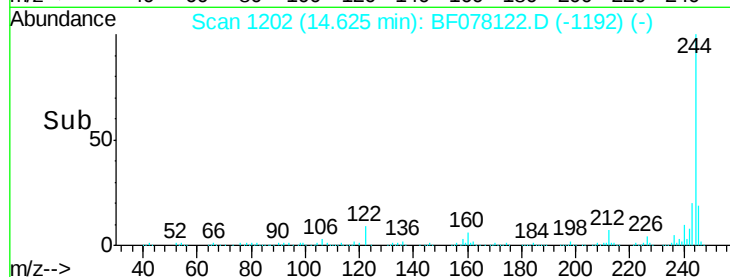
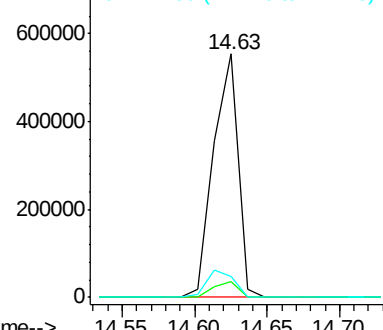
Ion	Ratio	Lower	Upper
244	100		
212	6.5	4.9	7.3
122	8.6	6.2	9.4



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: 17.68 min Scan# 1469

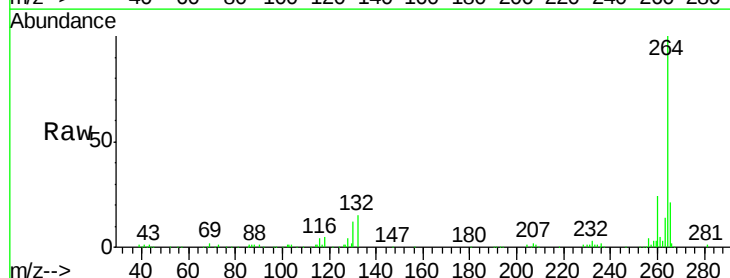
Delta R.T. 0.07 min

Lab File: BF078122.D

Acq: 31 Mar 2015 19:05

Tgt Ion:264 Resp: 178061

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.0	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

