

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078876.D
 Acq On : 1 May 2015 4:56
 Operator : TP/IZ
 Sample : G2032-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3(0-3)

Quant Time: May 01 05:33:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

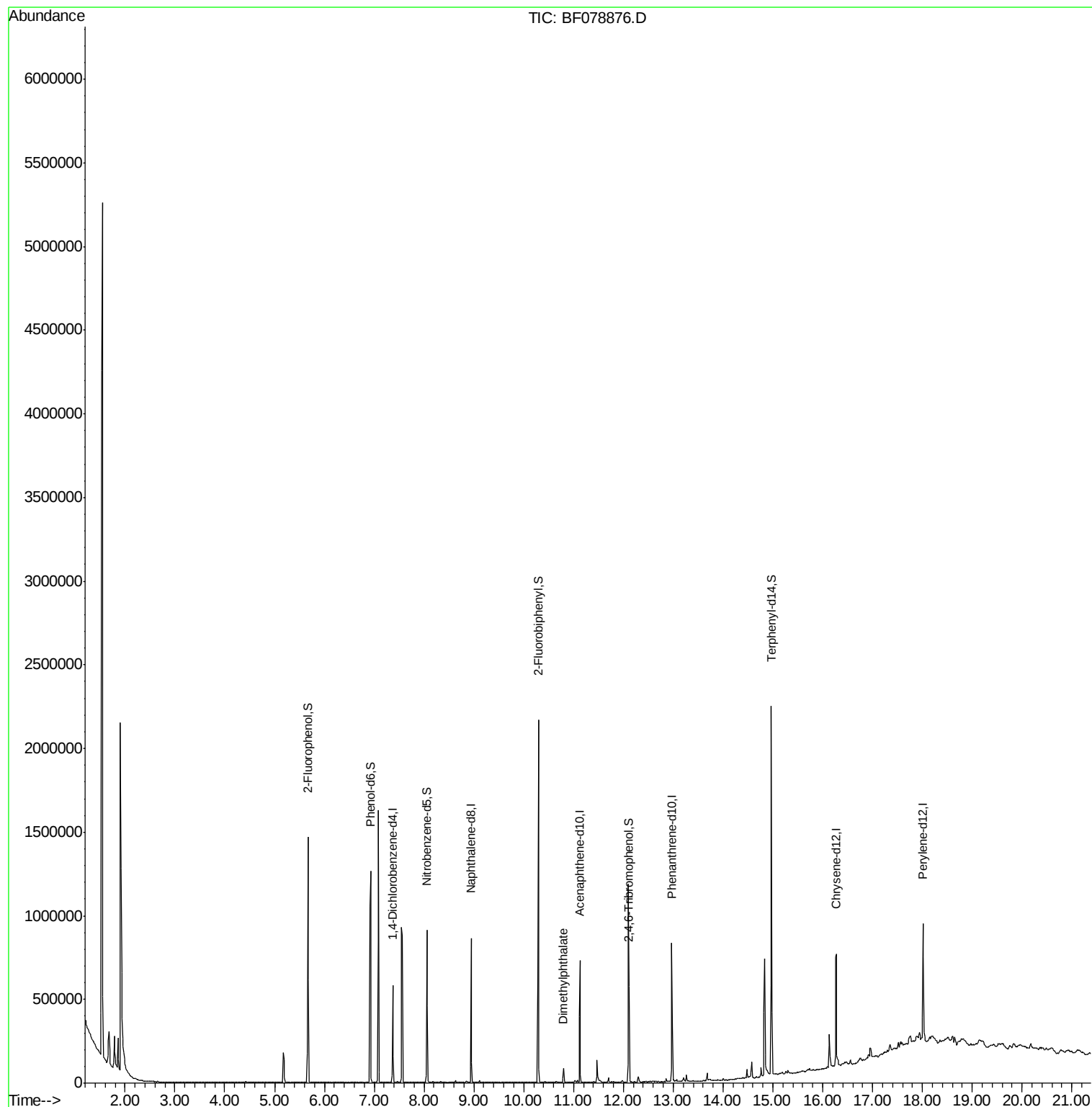
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	87343	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	364133	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	173020	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	324367	20.00	ng	0.00
75) Chrysene-d12	16.27	240	349130	20.00	ng	0.00
86) Perylene-d12	18.01	264	368099	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	452002	89.08	ng	0.00
7) Phenol-d6	6.92	99	610395	91.01	ng	0.01
23) Nitrobenzene-d5	8.06	82	331640	52.34	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	165240	88.28	ng	0.01
44) 2-Fluorobiphenyl	10.30	172	674749	54.33	ng	0.00
78) Terphenyl-d14	14.97	244	742645	50.93	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.80	163	33958	2.67	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.37 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078876.D

Acq: 1 May 2015 4:56

Instrument :

BNA_F

ClientSampleId :

B3(0-3)

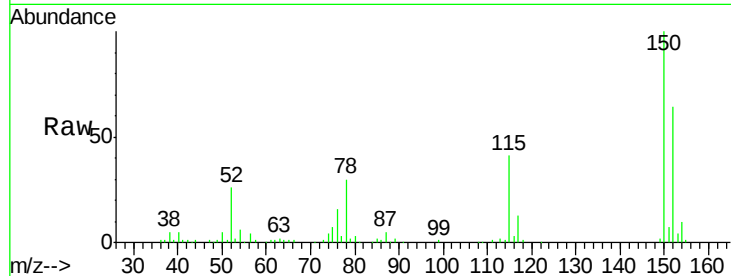
Tot Ion:152 Resp: 87343

Ion Ratio Lower Upper

152 100

150 155.2 122.0 183.0

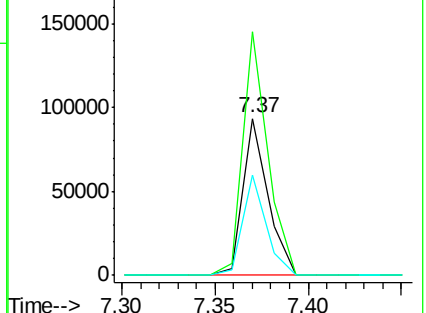
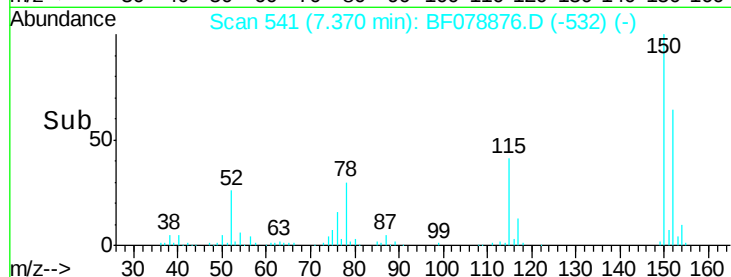
115 64.2 46.3 69.5



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: 89.08 ng

RT: 5.67 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078876.D

Acq: 1 May 2015 4:56

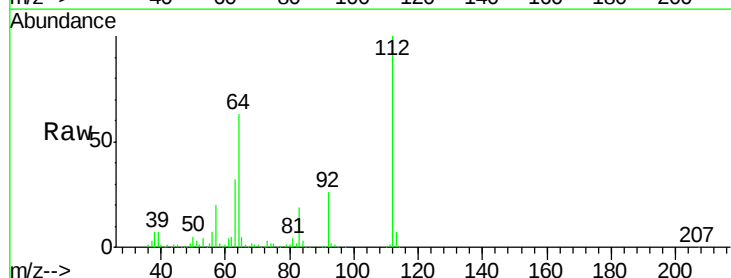
Tgt Ion:112 Resp: 452002

Ion Ratio Lower Upper

112 100

64 63.2 53.5 80.3

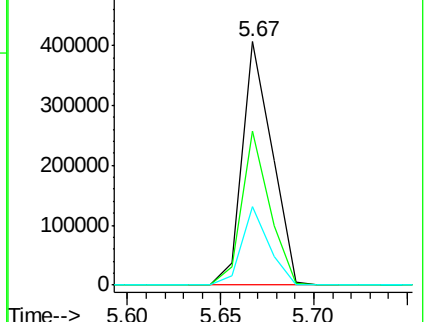
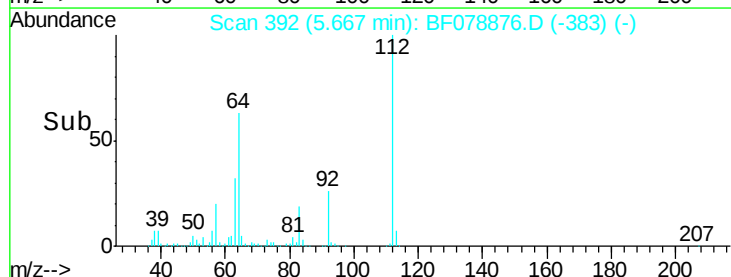
63 32.3 27.5 41.3



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: 91.01 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078876.D

Acq: 1 May 2015 4:56

Instrument :

BNA_F

ClientSampleId :

B3(0-3)

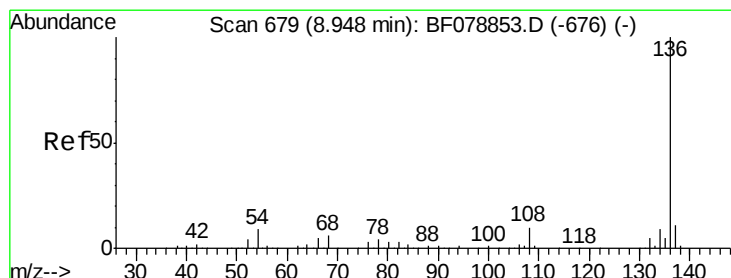
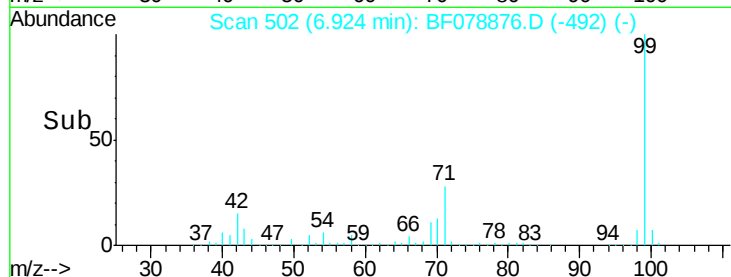
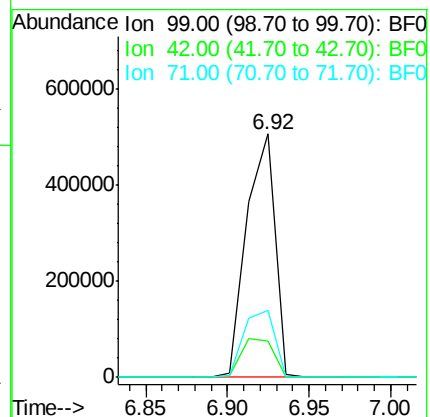
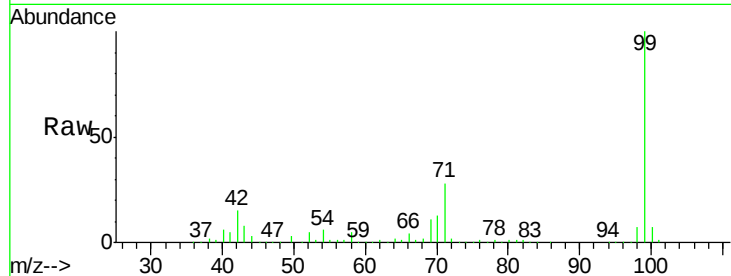
Tot Ion: 99 Resp: 610395

Ion Ratio Lower Upper

99 100

42 14.9 12.8 19.2

71 27.6 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078876.D

Acq: 1 May 2015 4:56

Tgt Ion: 136 Resp: 364133

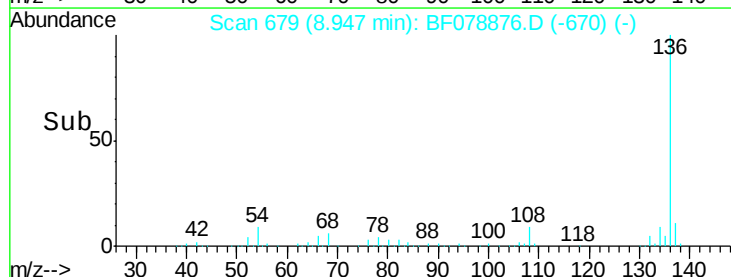
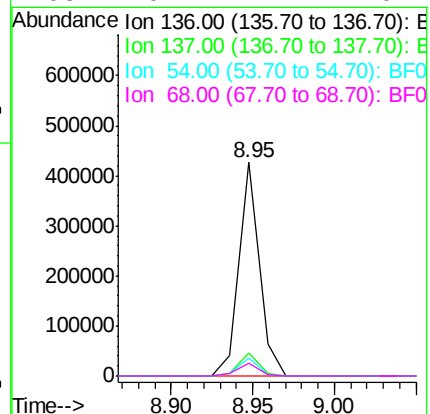
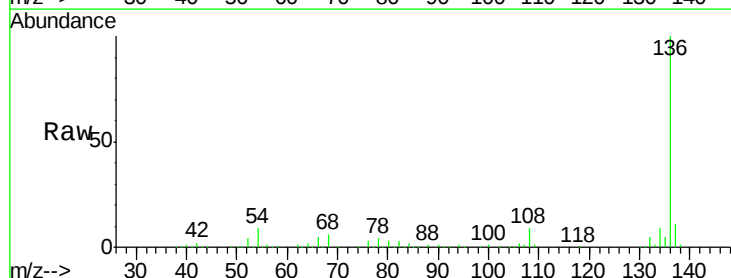
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.6 5.8 8.8

68 6.2 4.2 6.4

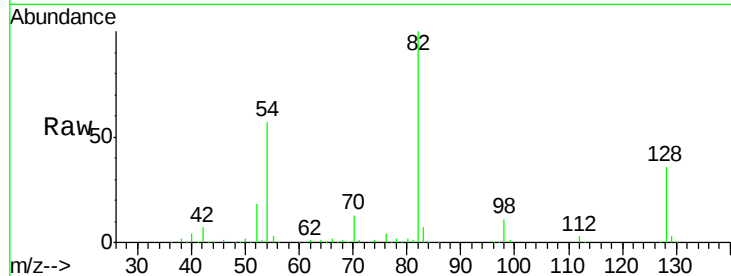




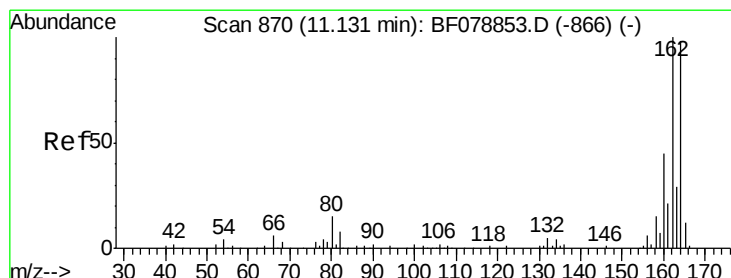
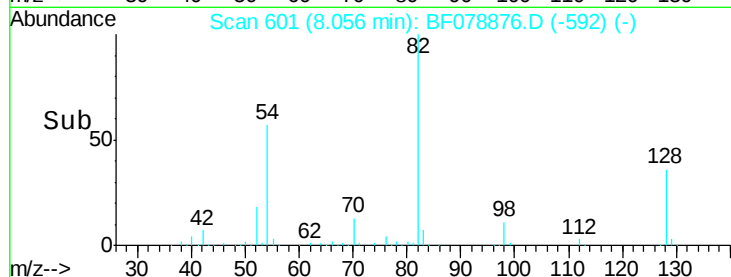
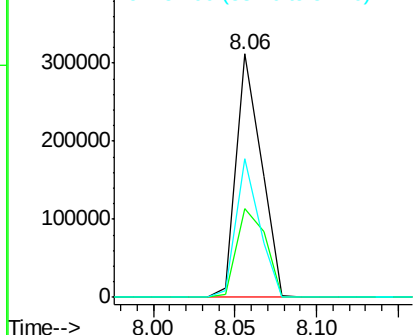
#23
Nitrobenzene-d5
Concen: 52.34 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF078876.D
Acq: 1 May 2015 4:56

Instrument :
BNA_F
ClientSampleId :
B3(0-3)

Tot Ion	82	Resp	331640
Ion Ratio	100	Lower	Upper
128	36.4	30.0	45.0
54	57.2	46.4	69.6

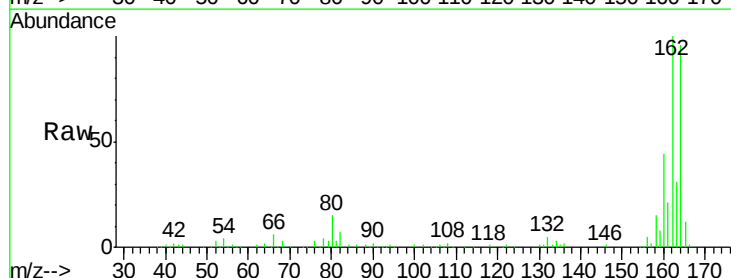


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

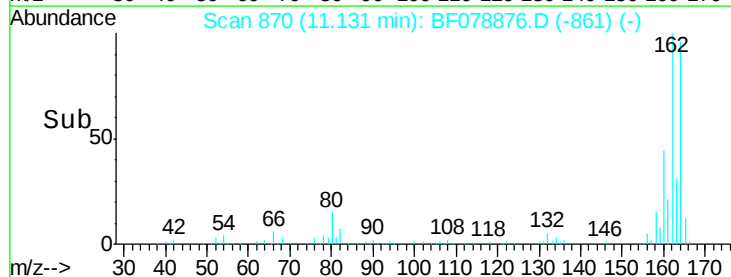
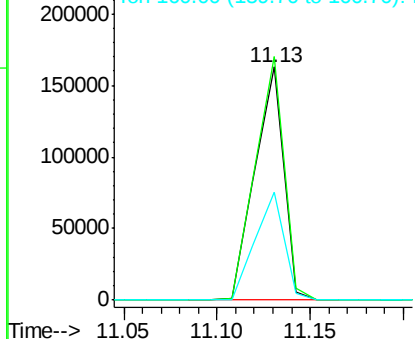


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF078876.D
Acq: 1 May 2015 4:56

Tgt Ion	164	Resp	173020
Ion Ratio	100	Lower	Upper
162	104.4	82.7	124.1
160	46.2	35.8	53.8



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

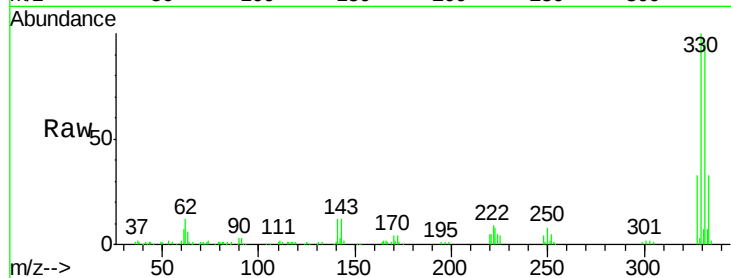




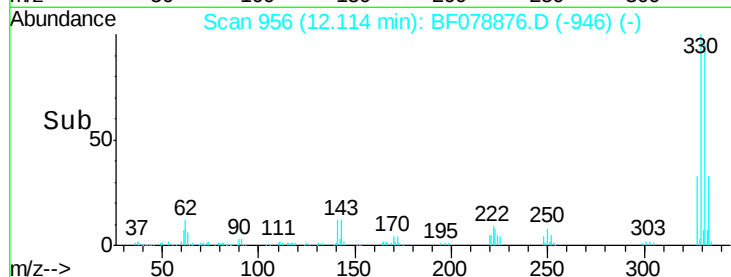
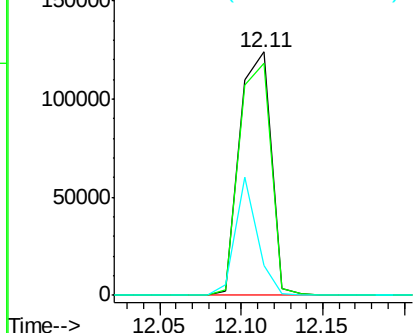
#41
 2,4,6-Tribromophenol
 Concen: 88.28 ng
 RT: 12.11 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: BF078876.D
 Acq: 1 May 2015 4:56

Instrument :
 BNA_F
 ClientSampleId :
 B3(0-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	33.9	0.0	0.0#

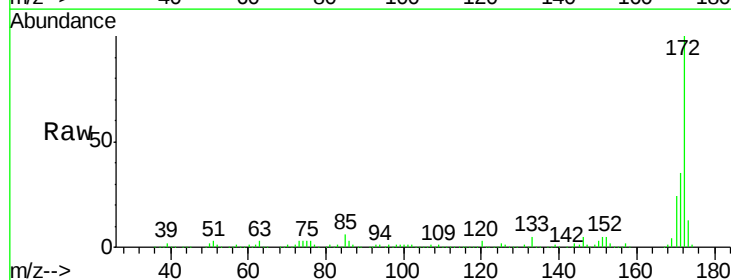


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

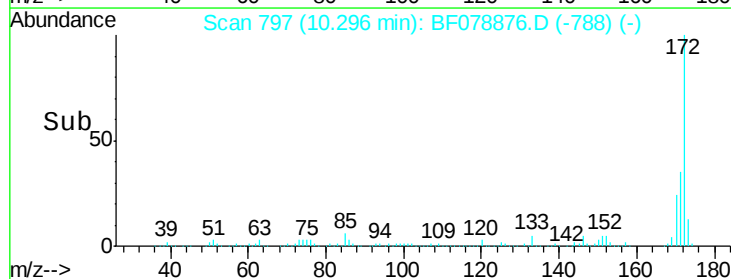
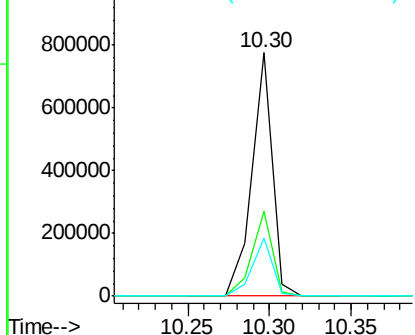


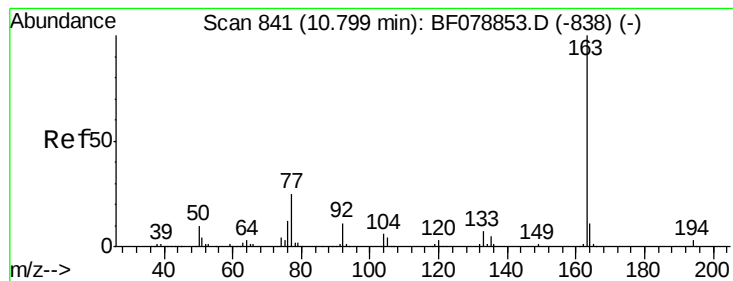
#44
 2-Fluorobiphenyl
 Concen: 54.33 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078876.D
 Acq: 1 May 2015 4:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.8	19.4	29.0



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





#49

Dimethylphthalate

Concen: 2.67 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF078876.D

Acq: 1 May 2015 4:56

Instrument :

BNA_F

ClientSampleId :

B3(0-3)

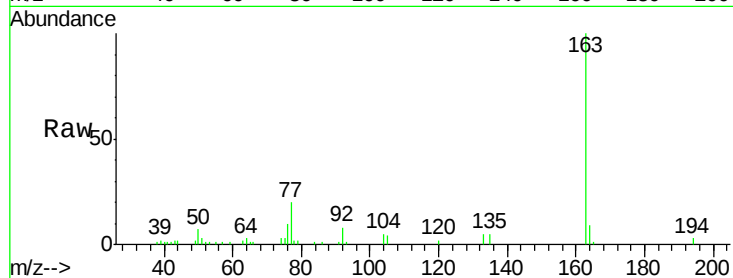
Tot Ion:163 Resp: 33958

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

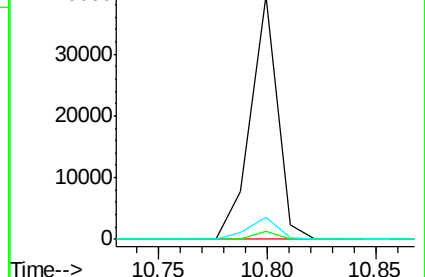
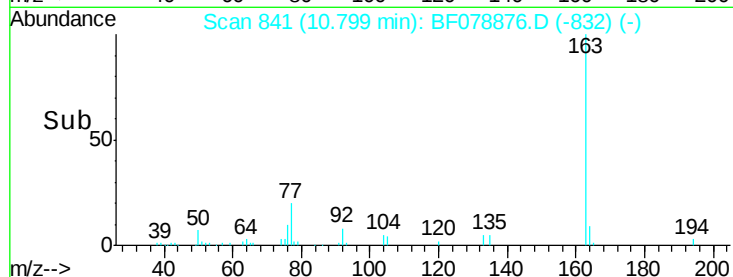
164 9.2 8.1 12.1



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: 12.97 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF078876.D

Acq: 1 May 2015 4:56

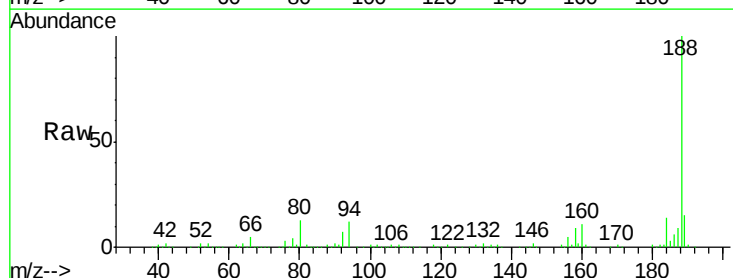
Tgt Ion:188 Resp: 324367

Ion Ratio Lower Upper

188 100

94 11.9 8.2 12.2

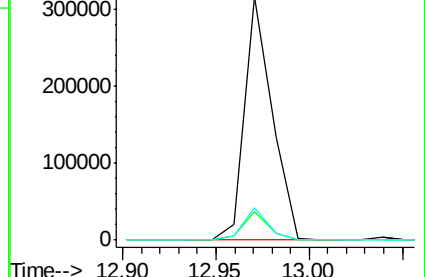
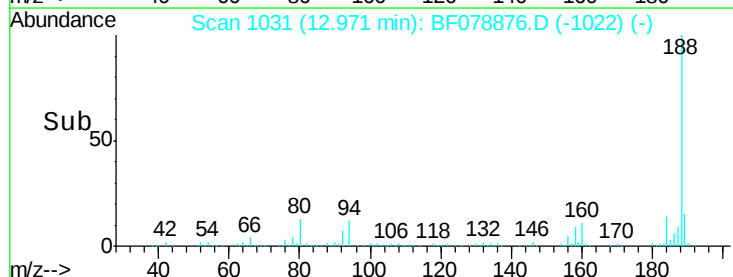
80 13.2 8.9 13.3

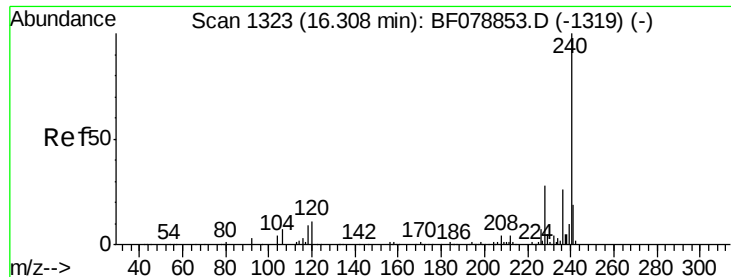


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.27 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF078876.D

Acq: 1 May 2015 4:56

Instrument :

BNA_F

ClientSampleId :

B3(0-3)

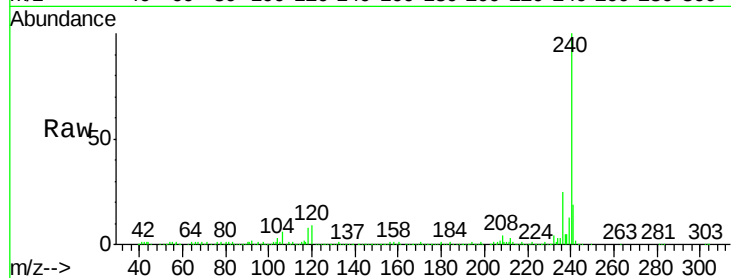
Tot Ion:240 Resp: 349130

Ion Ratio Lower Upper

240 100

120 8.6 9.7 14.5#

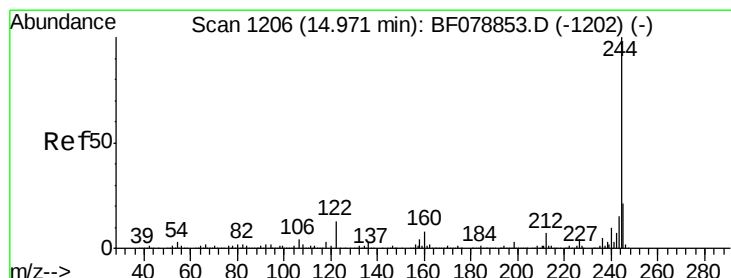
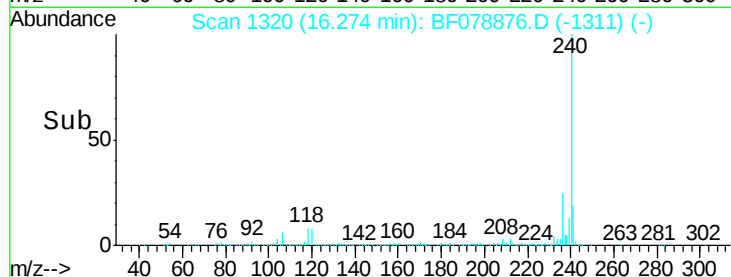
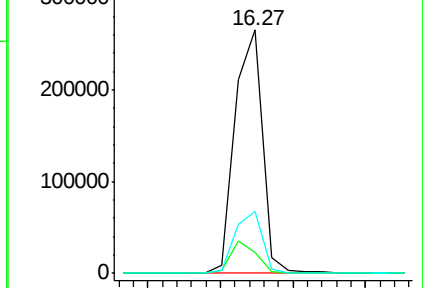
236 25.2 20.2 30.4



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: 50.93 ng

RT: 14.97 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF078876.D

Acq: 1 May 2015 4:56

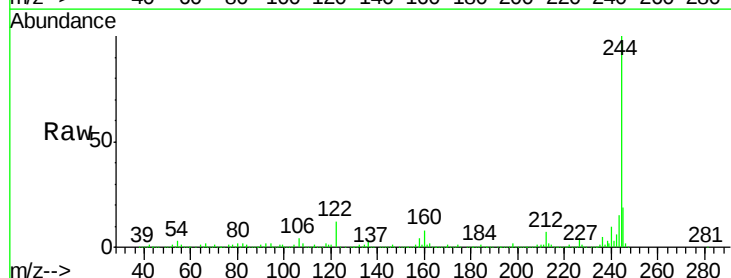
Tgt Ion:244 Resp: 742645

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

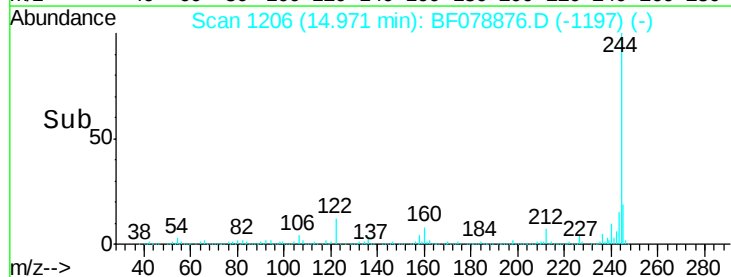
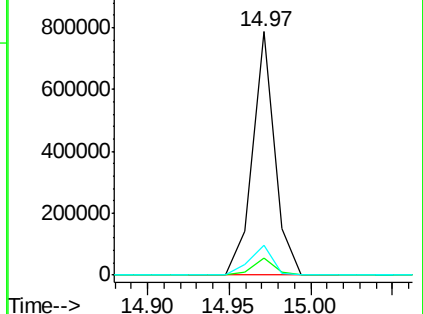
122 12.1 10.3 15.5

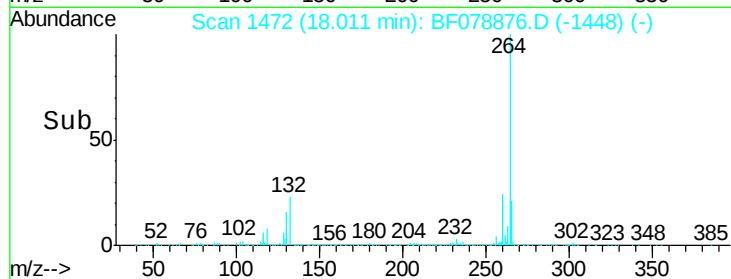
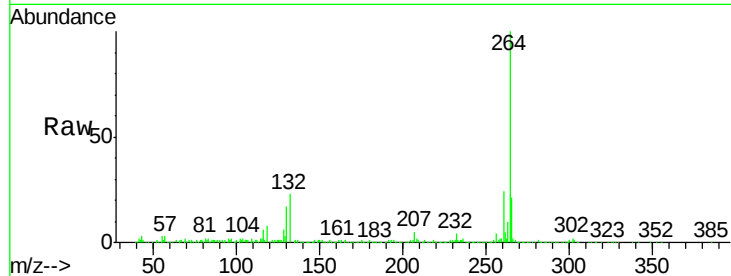
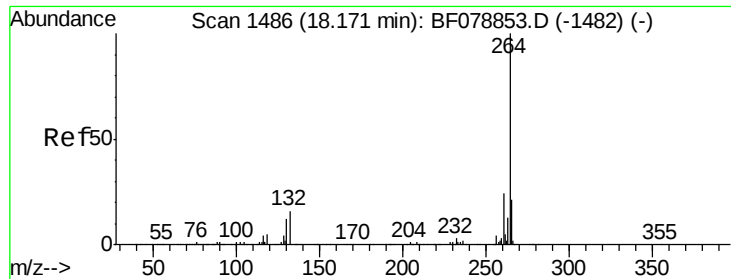


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF078876.D
Acq: 1 May 2015 4:56

Instrument :
BNA_F
ClientSampleId :
B3(0-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.3	18.3	27.5

