

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079094.D
 Acq On : 9 May 2015 21:50
 Operator : TP/IZ
 Sample : G2087-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-5-7

Quant Time: May 11 02:09:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 01:50:36 2015
 Response via : Initial Calibration

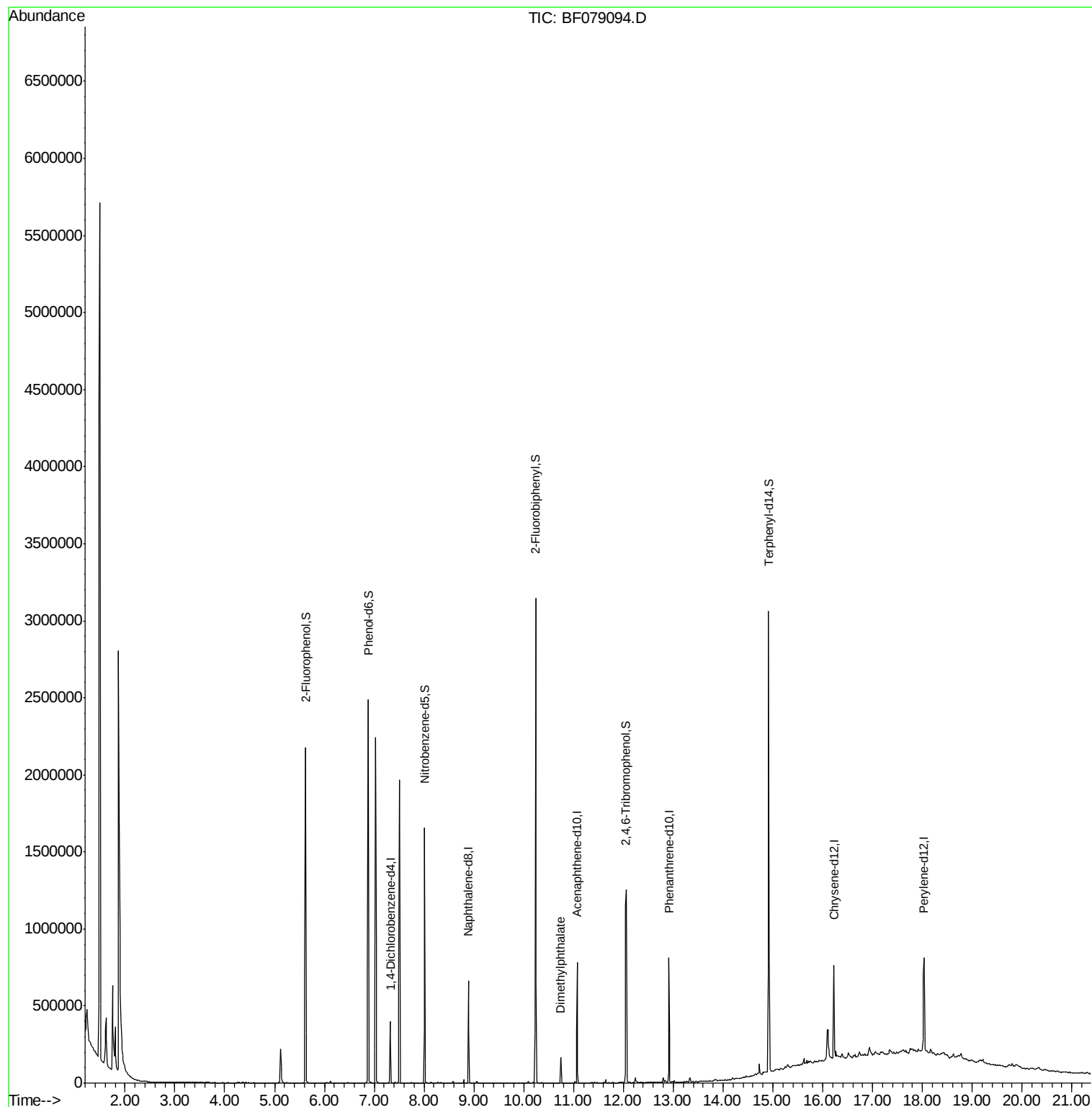
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	84656	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	353176	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	176897	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	324998	20.00	ng	0.00
75) Chrysene-d12	16.23	240	318956	20.00	ng	0.02
86) Perylene-d12	18.03	264	320738	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	649403	132.05	ng	0.00
7) Phenol-d6	6.88	99	849967	130.75	ng	0.00
23) Nitrobenzene-d5	8.01	82	509154	82.85	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	238300	124.52	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	968981	76.32	ng	0.00
78) Terphenyl-d14	14.91	244	1037273	77.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.74	163	67628	5.21	ng	Qvalue 98

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

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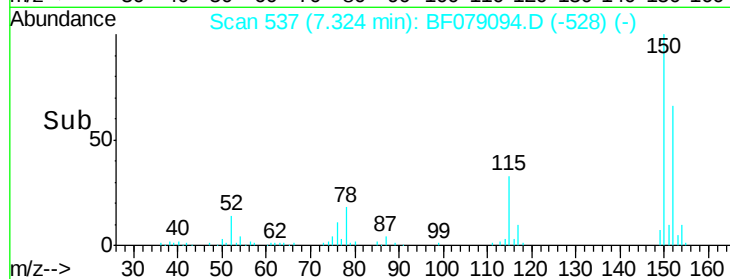
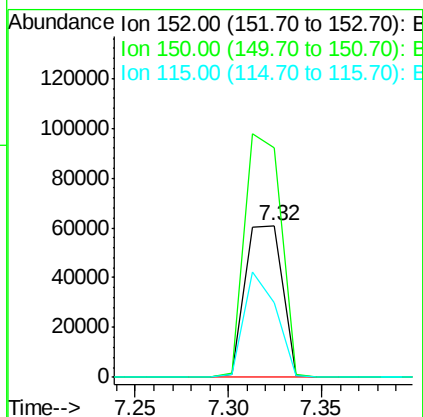
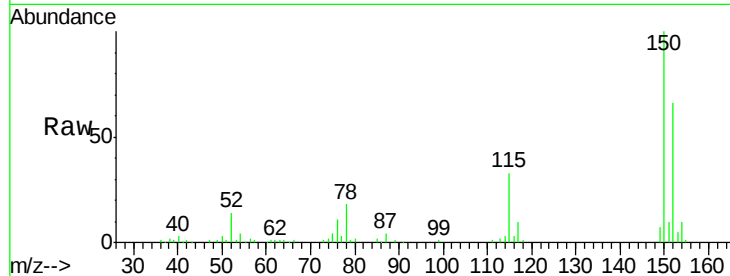


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF079094.D
 Acq: 9 May 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 B2-5-7

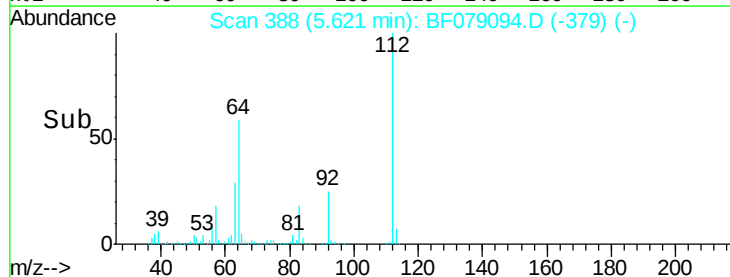
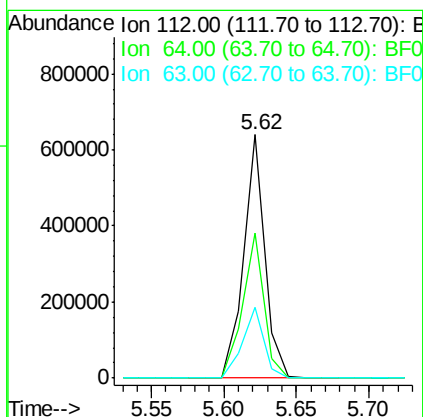
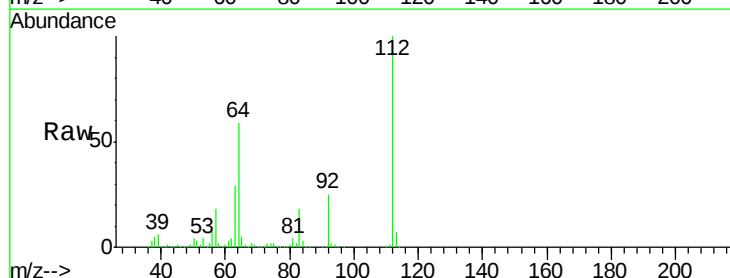
Tot Ion:152 Resp: 84656
 Ion Ratio Lower Upper
 152 100
 150 150.7 122.0 183.0
 115 49.2 46.3 69.5

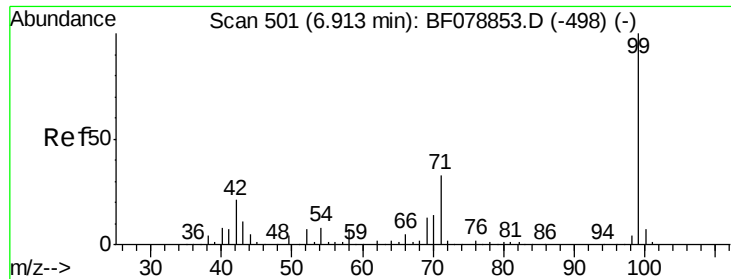


#5

2-Fluorophenol
 Concen: 132.05 ng
 RT: 5.62 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: BF079094.D
 Acq: 9 May 2015 21:50

Tgt Ion:112 Resp: 649403
 Ion Ratio Lower Upper
 112 100
 64 59.4 53.5 80.3
 63 29.3 27.5 41.3





#7

Phenol-d6

Concen: 130.75 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079094.D

Acq: 9 May 2015 21:50

Instrument :

BNA_F

ClientSampleId :

B2-5-7

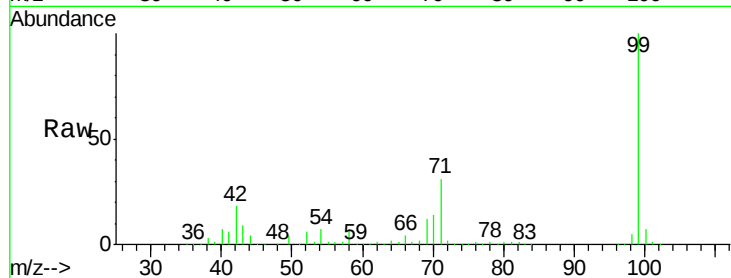
Tot Ion: 99 Resp: 849967

Ion Ratio Lower Upper

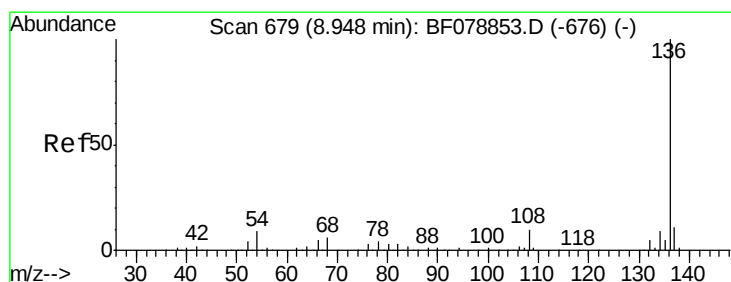
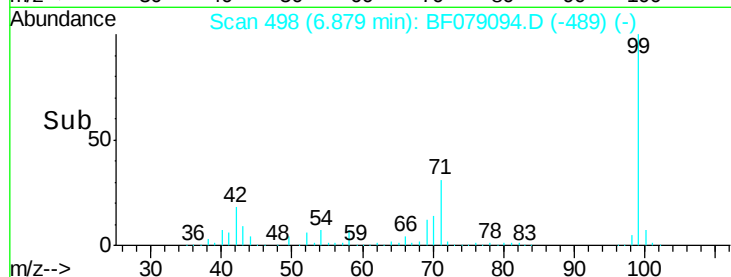
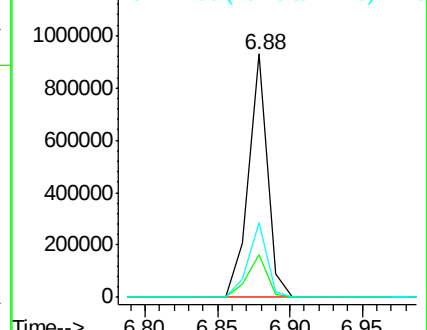
99 100

42 17.6 12.8 19.2

71 30.9 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: 8.89 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF079094.D

Acq: 9 May 2015 21:50

Tgt Ion: 136 Resp: 353176

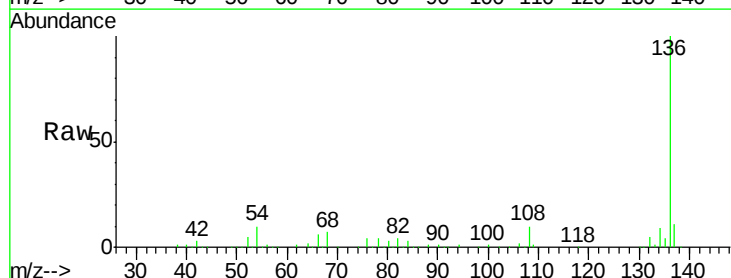
Ion Ratio Lower Upper

136 100

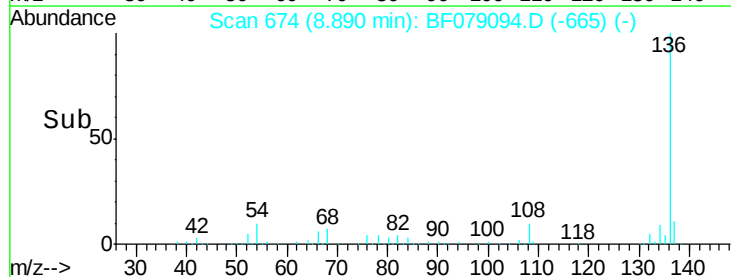
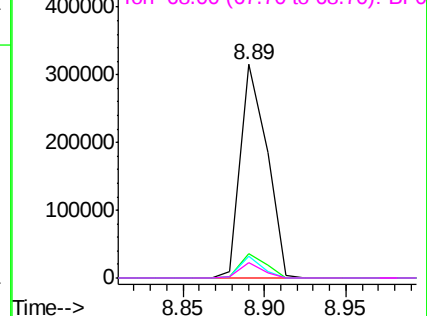
137 11.3 8.7 13.1

54 10.2 5.8 8.8#

68 7.2 4.2 6.4#



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

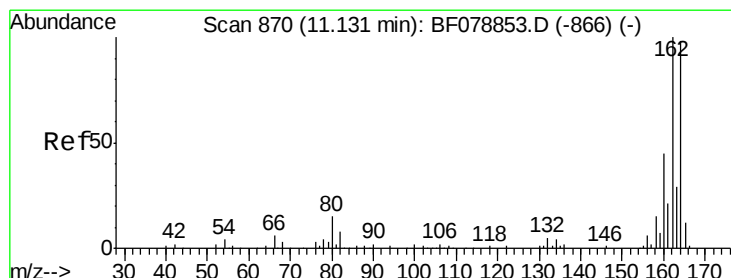
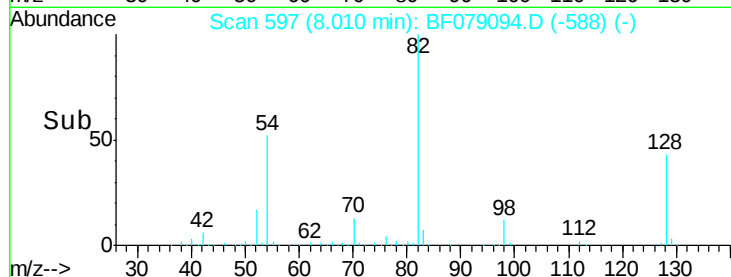
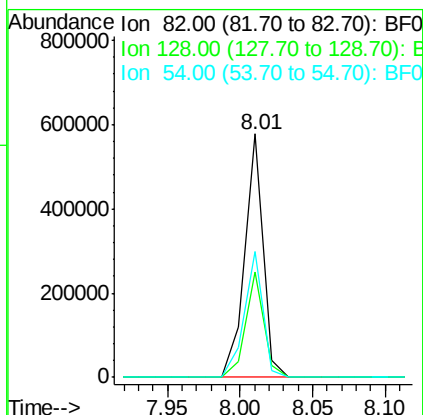
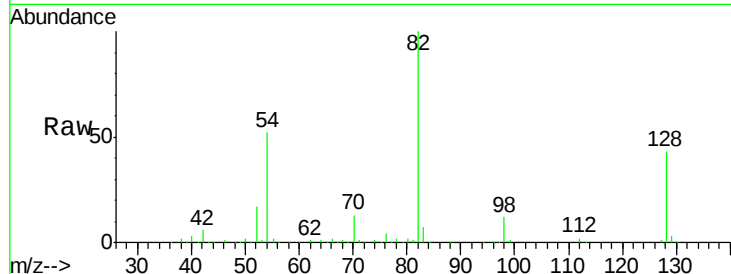




#23
 Nitrobenzene-d5
 Concen: 82.85 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079094.D
 Acq: 9 May 2015 21:50

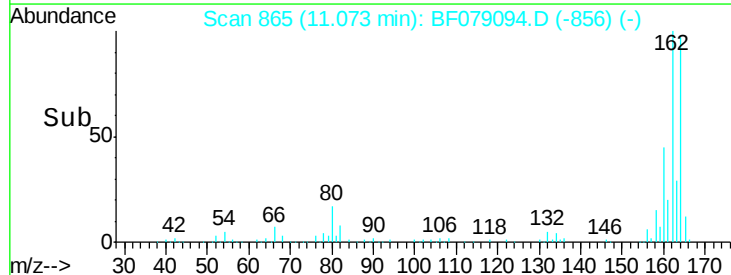
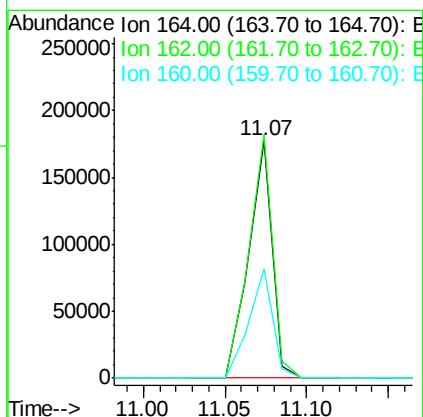
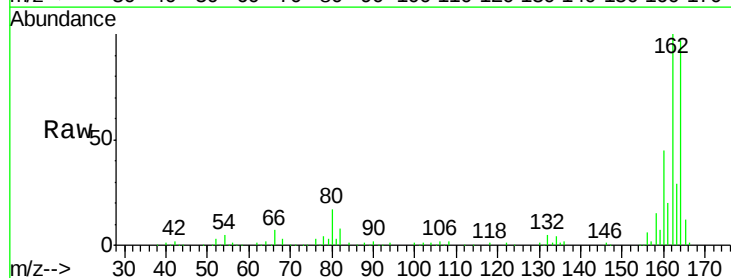
Instrument :
 BNA_F
 ClientSampled :
 B2-5-7

Tot Ion	82	Resp	509154
Ion Ratio	100	Lower	Upper
128	43.2	30.0	45.0
54	51.6	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079094.D
 Acq: 9 May 2015 21:50

Tgt Ion	164	Resp	176897
Ion Ratio	100	Lower	Upper
162	102.6	82.7	124.1
160	46.1	35.8	53.8

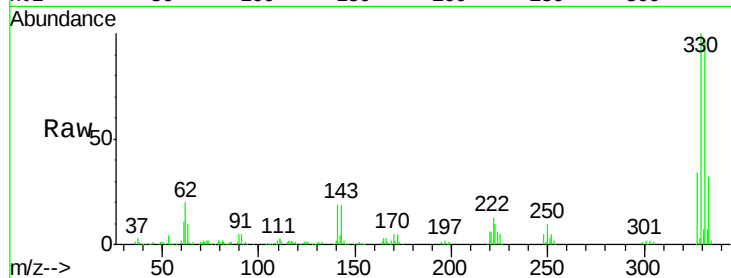




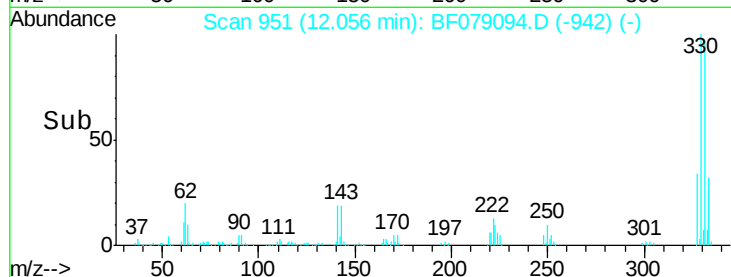
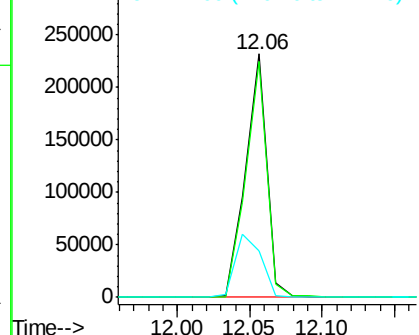
#41
 2,4,6-Tribromophenol
 Concen: 124.52 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079094.D
 Acq: 9 May 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 B2-5-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	31.9	0.0	0.0#

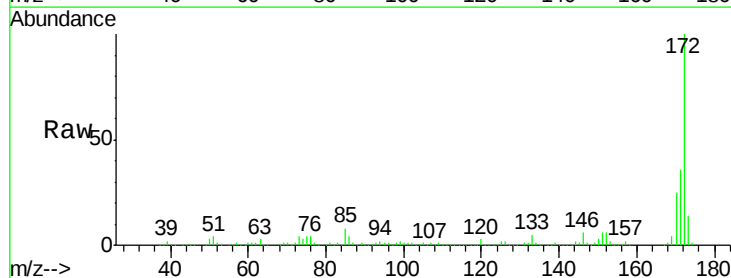


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

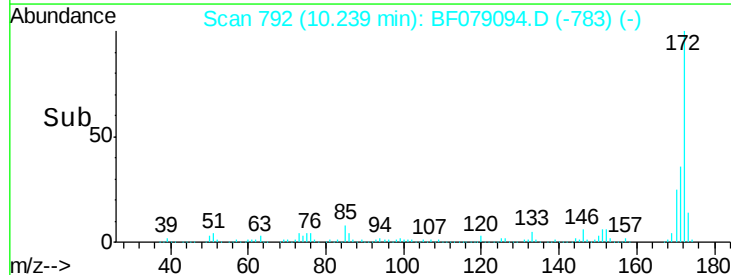
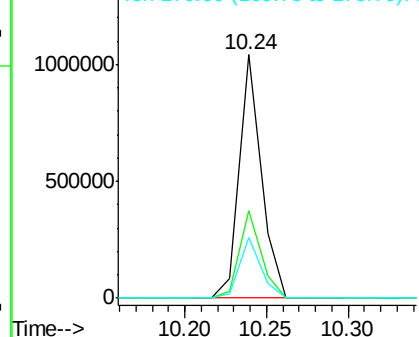


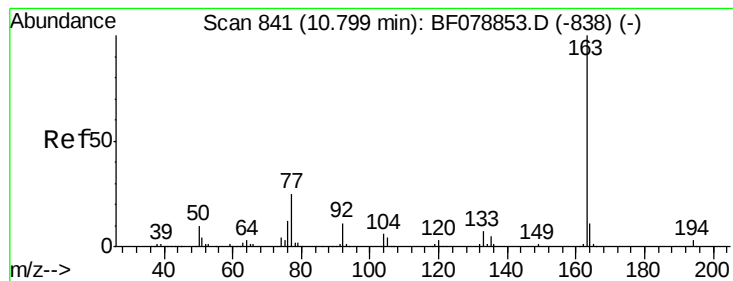
#44
 2-Fluorobiphenyl
 Concen: 76.32 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079094.D
 Acq: 9 May 2015 21:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	24.6	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: 5.21 ng

RT: 10.74 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF079094.D

Acq: 9 May 2015 21:50

Instrument :

BNA_F

ClientSampleId :

B2-5-7

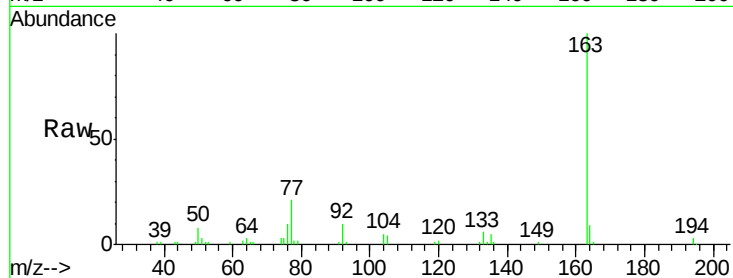
Tot Ion:163 Resp: 67628

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

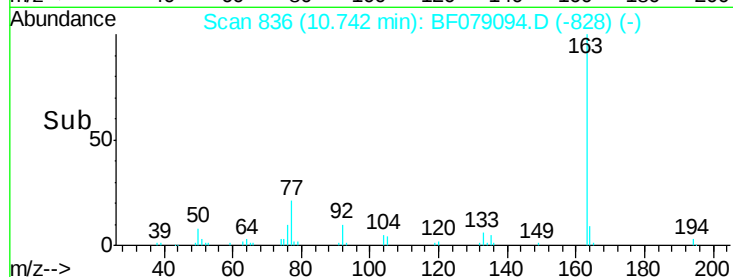
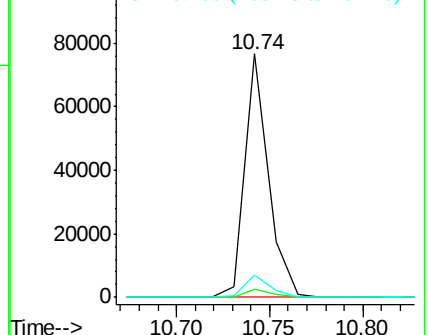
164 9.2 8.1 12.1



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: 12.91 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF079094.D

Acq: 9 May 2015 21:50

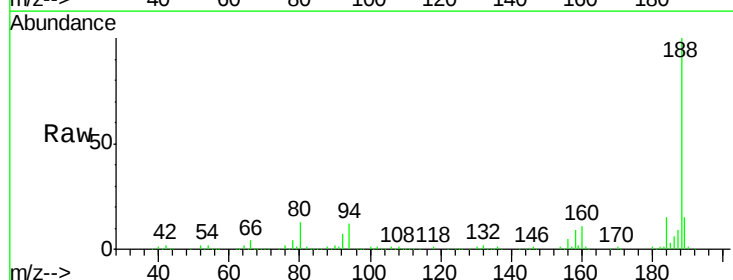
Tgt Ion:188 Resp: 324998

Ion Ratio Lower Upper

188 100

94 12.5 8.2 12.2#

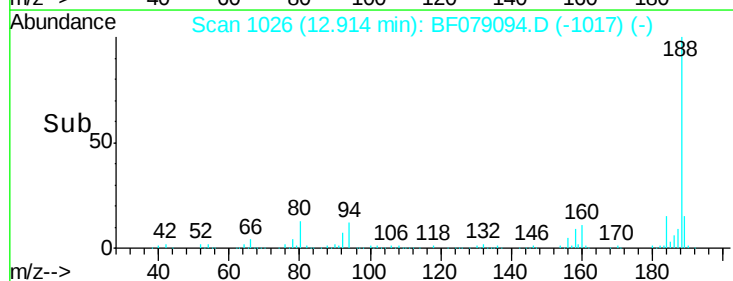
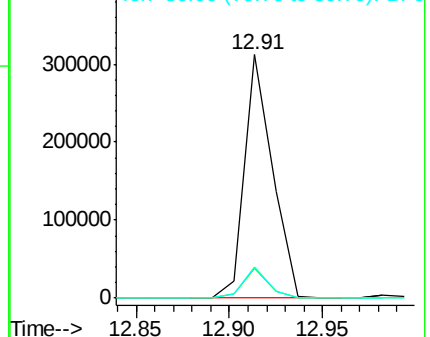
80 12.7 8.9 13.3

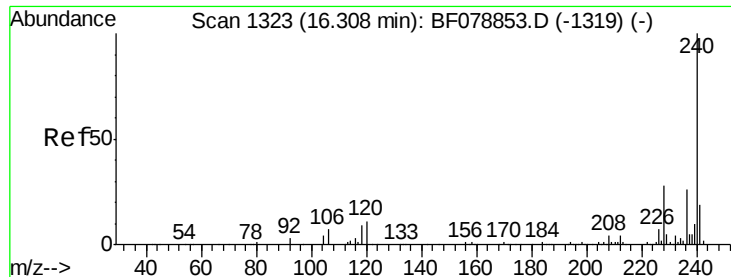


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

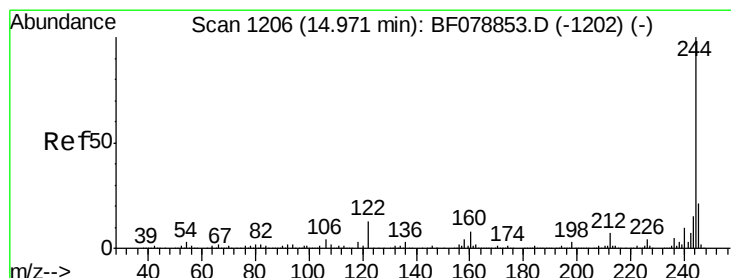
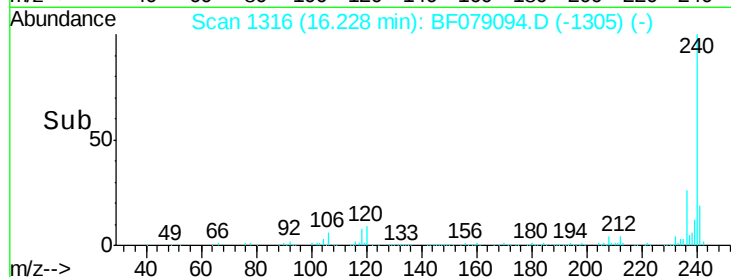
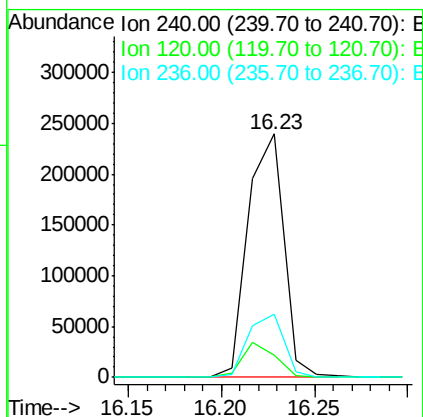
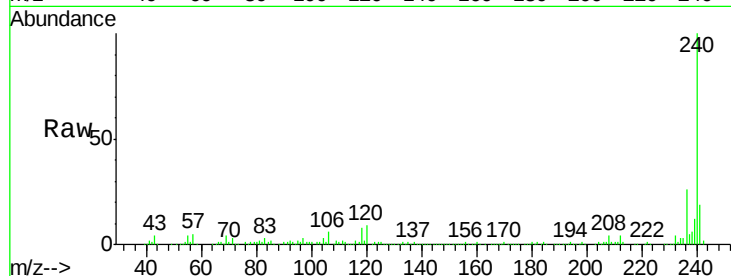




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. 0.02 min
 Lab File: BF079094.D
 Acq: 9 May 2015 21:50

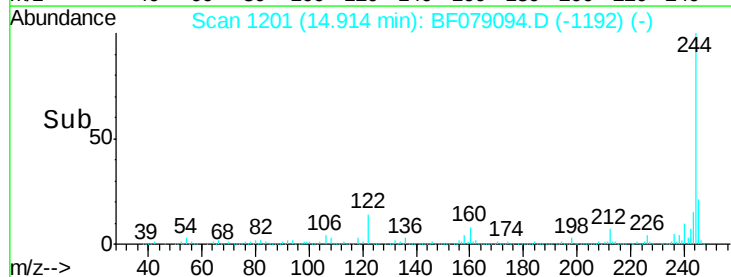
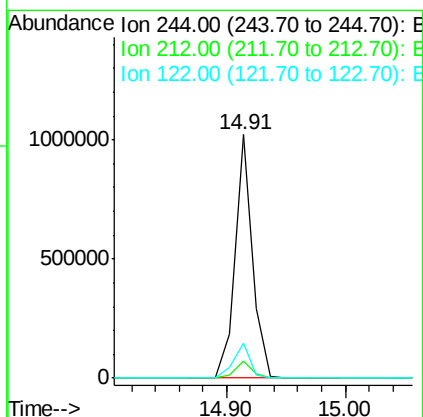
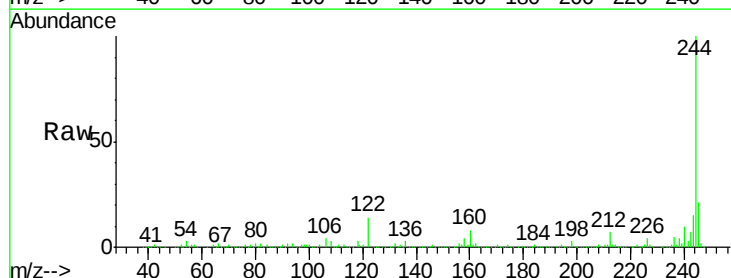
Instrument :
 BNA_F
 ClientSampleId :
 B2-5-7

Tot Ion:240 Resp: 318956
 Ion Ratio Lower Upper
 240 100
 120 9.2 9.7 14.5#
 236 25.8 20.2 30.4



#78
 Terphenyl-d14
 Concen: 77.86 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079094.D
 Acq: 9 May 2015 21:50

Tgt Ion:244 Resp: 1037273
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 14.2 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.03 min Scan# 1474
Delta R.T. 0.11 min
Lab File: BF079094.D
Acq: 9 May 2015 21:50

Instrument :
BNA_F
ClientSampleId :
B2-5-7

Tot Ion: 264 Resp: 320738

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.0	18.3	27.5

