

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050115\
 Data File : BF078884.D
 Acq On : 1 May 2015 11:10
 Operator : TP/IZ
 Sample : G2052-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-129-42815

Quant Time: May 01 23:05:48 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 22:48:21 2015
 Response via : Initial Calibration

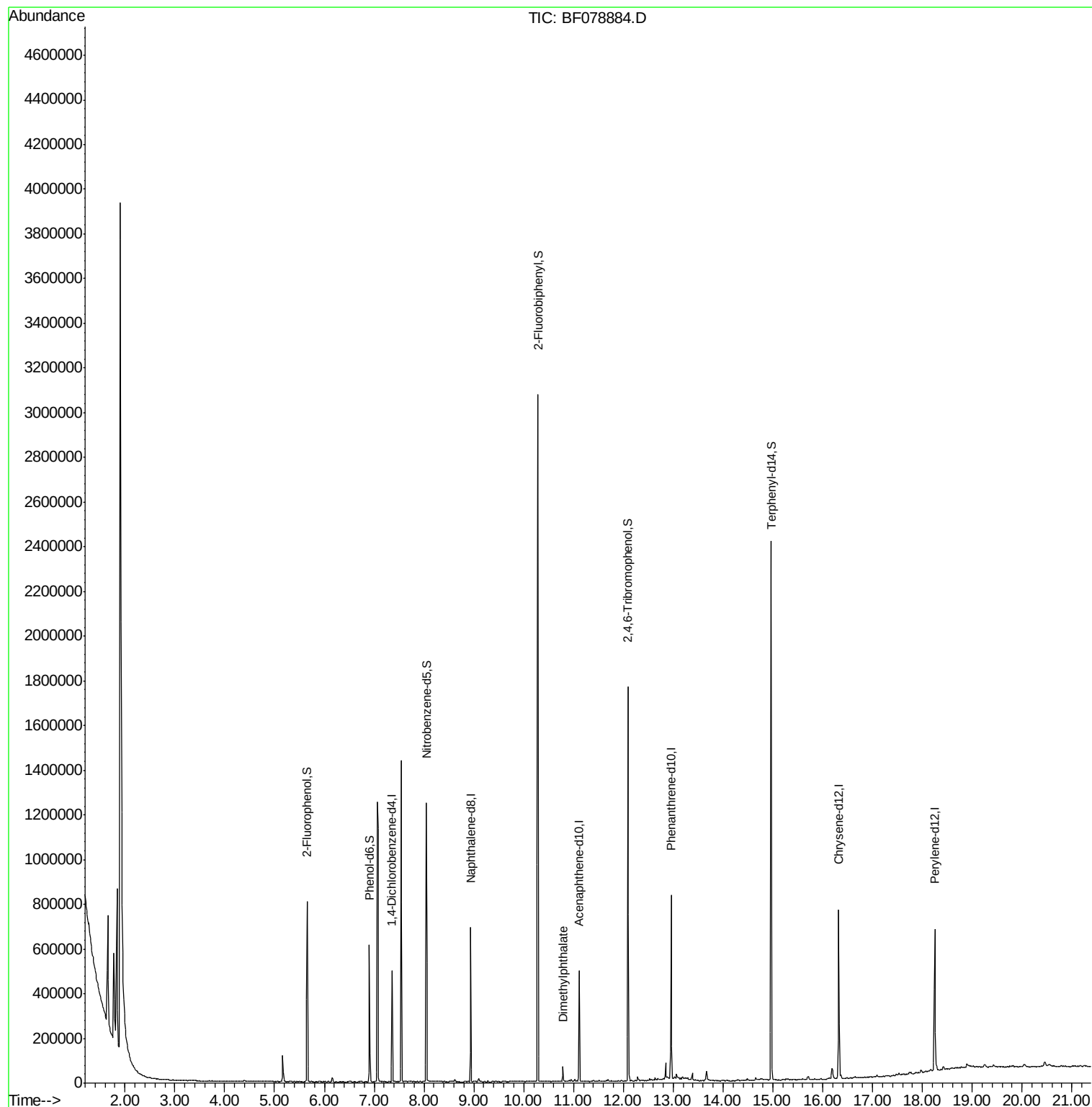
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	71846	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	294583	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	141651	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	291114	20.00	ng	0.00
75) Chrysene-d12	16.32	240	298412	20.00	ng	0.03
86) Perylene-d12	18.25	264	321516	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	250488	60.01	ng	0.00
7) Phenol-d6	6.90	99	198209	35.93	ng	0.00
23) Nitrobenzene-d5	8.04	82	434711	84.81	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	245261	160.05	ng	0.00
44) 2-Fluorobiphenyl	10.29	172	982110	96.60	ng	0.00
78) Terphenyl-d14	14.97	244	1191321	95.58	ng	0.01
Target Compounds						
49) Dimethylphthalate	10.79	163	28215	2.71	ng	Qvalue # 99

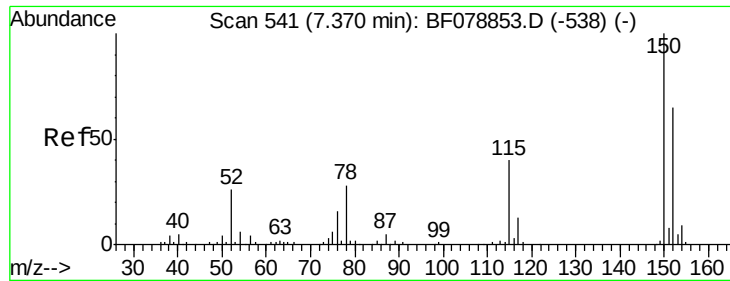
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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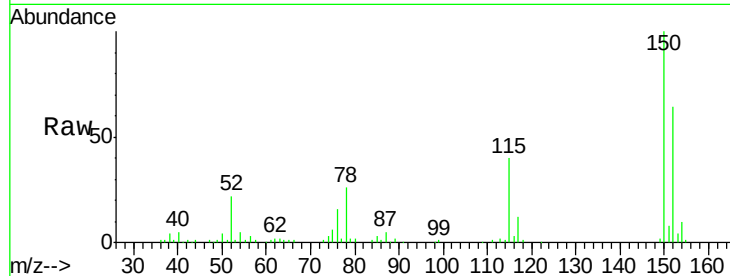


#1

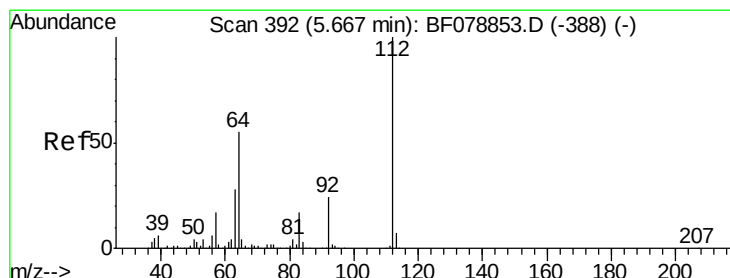
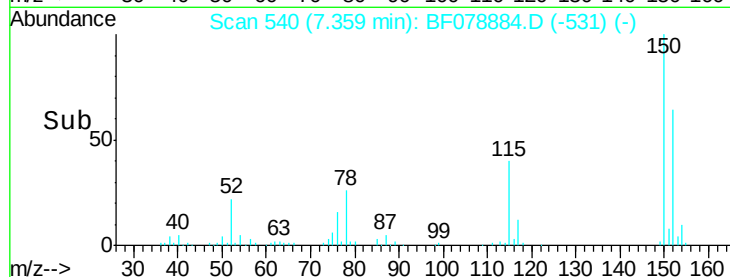
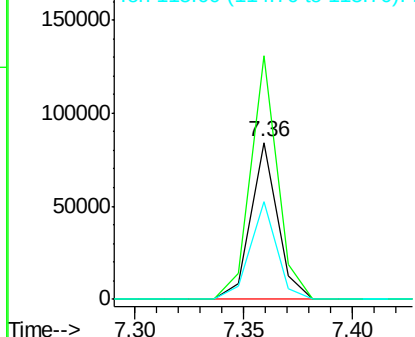
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078884.D
Acq: 1 May 2015 11:10

Instrument :
BNA_F
ClientSampleId :
DCW-WW-129-42815

Tgt Ion:152 Resp: 71846
Ion Ratio Lower Upper
152 100
150 155.5 122.0 183.0
115 62.7 46.3 69.5



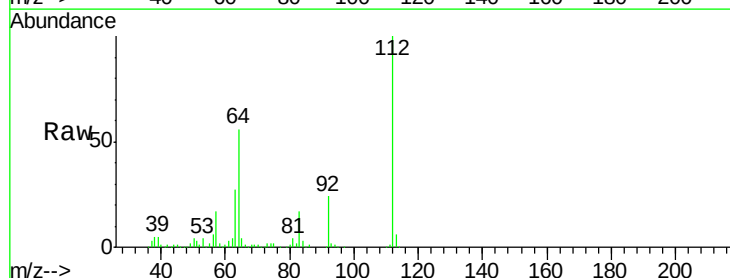
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



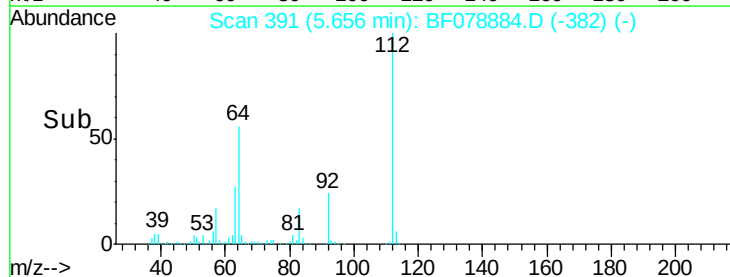
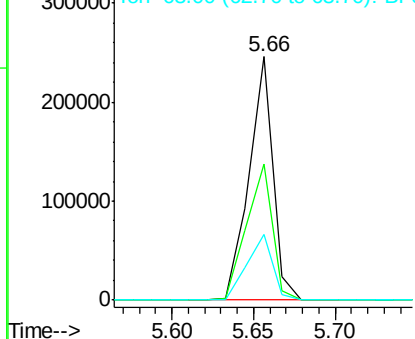
#5

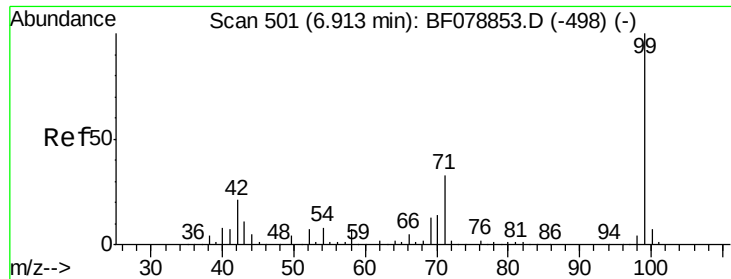
2-Fluorophenol
Concen: 60.01 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF078884.D
Acq: 1 May 2015 11:10

Tgt Ion:112 Resp: 250488
Ion Ratio Lower Upper
112 100
64 55.8 53.5 80.3
63 27.0 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: 35.93 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078884.D

Acq: 1 May 2015 11:10

Instrument :

BNA_F

ClientSampleId :

DCW-WW-129-42815

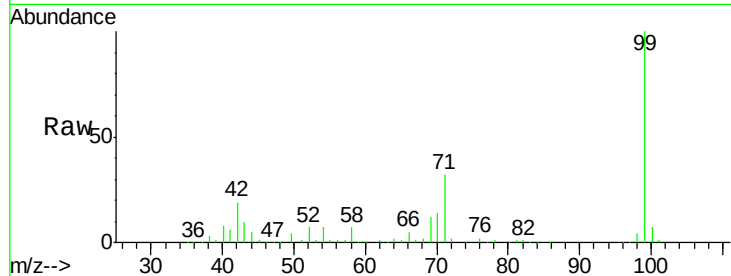
Tgt Ion: 99 Resp: 198209

Ion Ratio Lower Upper

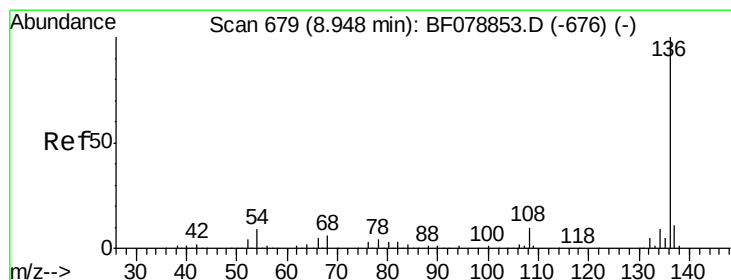
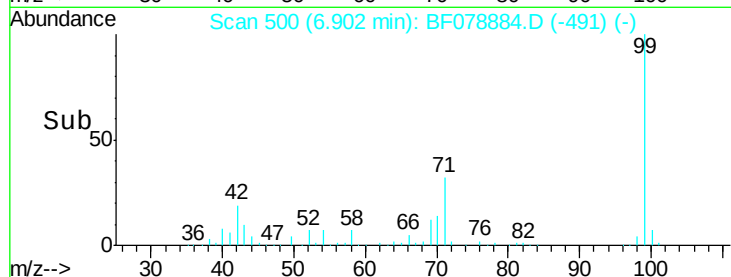
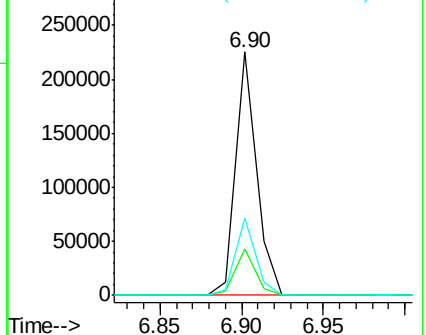
99 100

42 19.0 12.8 19.2

71 31.6 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: 8.94 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF078884.D

Acq: 1 May 2015 11:10

Tgt Ion: 136 Resp: 294583

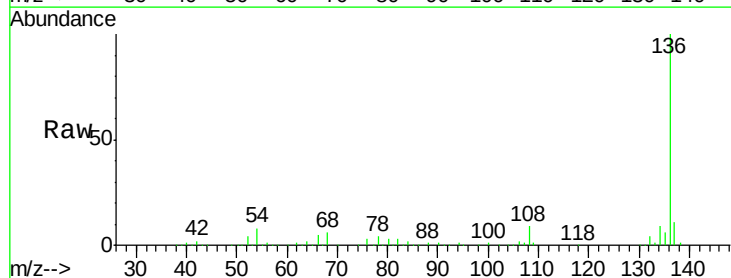
Ion Ratio Lower Upper

136 100

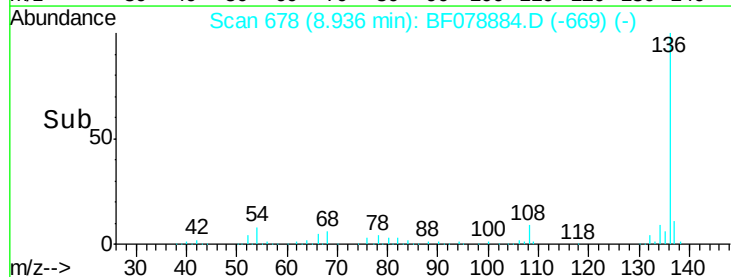
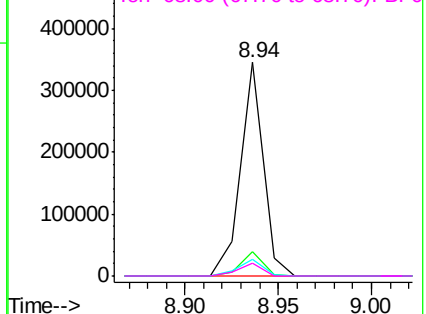
137 11.2 8.7 13.1

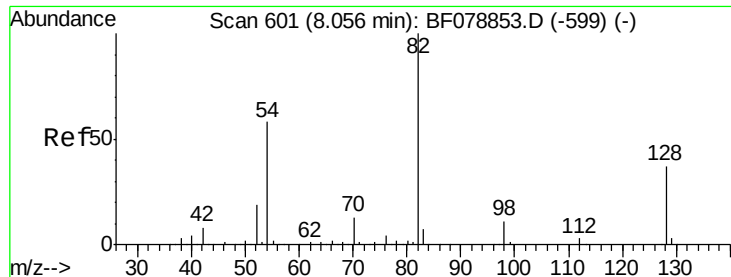
54 7.7 5.8 8.8

68 5.8 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

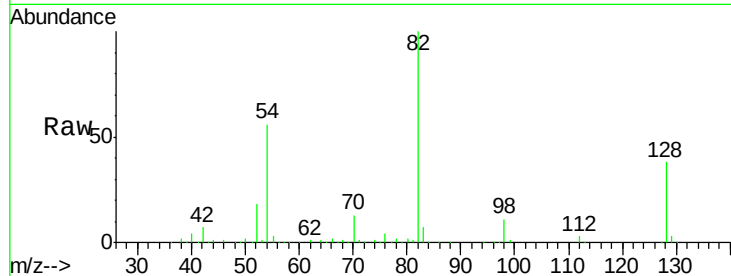




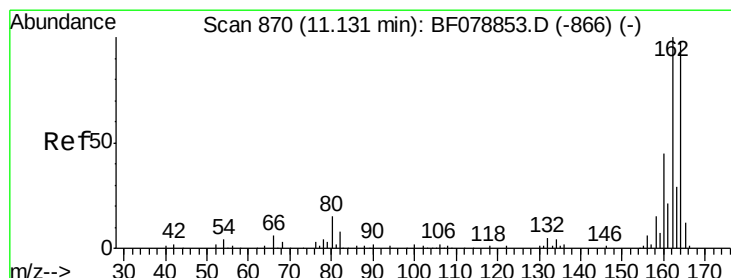
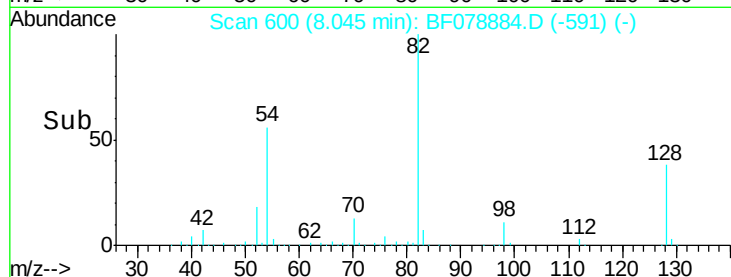
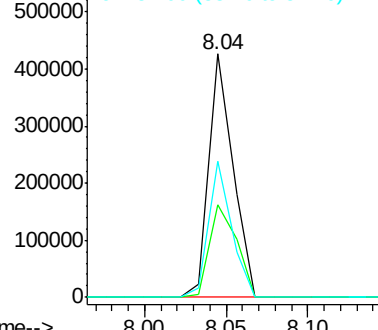
#23
 Nitrobenzene-d5
 Concen: 84.81 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078884.D
 Acq: 1 May 2015 11:10

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-129-42815

Tgt Ion: 82 Resp: 434711
 Ion Ratio Lower Upper
 82 100
 128 38.2 30.0 45.0
 54 56.1 46.4 69.6

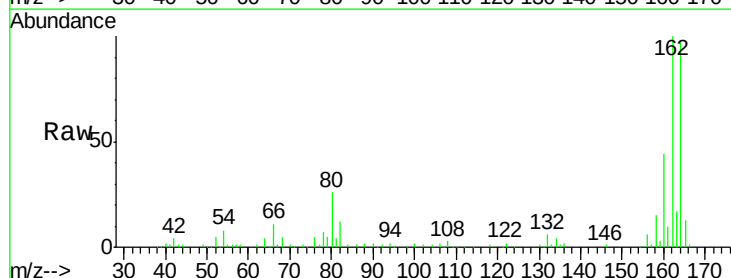


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

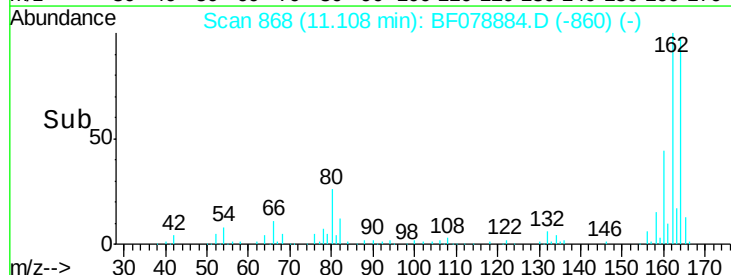
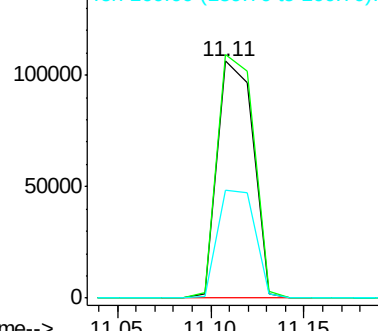


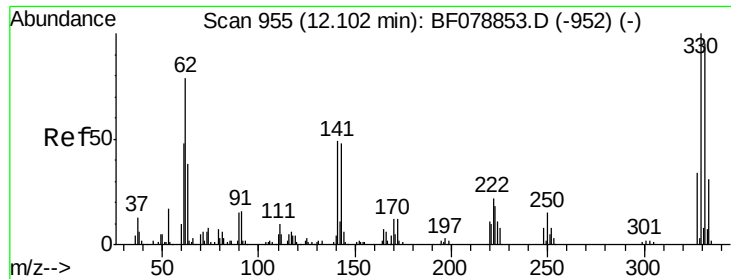
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078884.D
 Acq: 1 May 2015 11:10

Tgt Ion: 164 Resp: 141651
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.7 124.1
 160 45.5 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

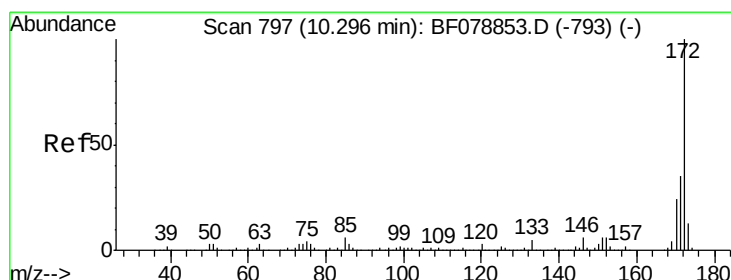
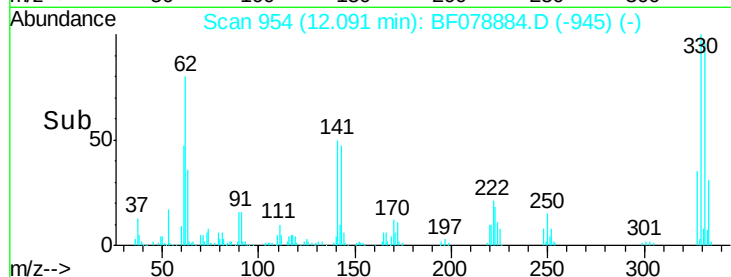
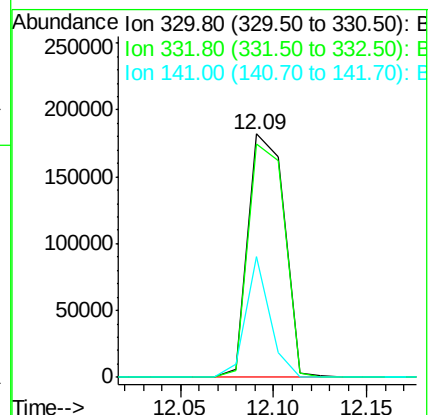
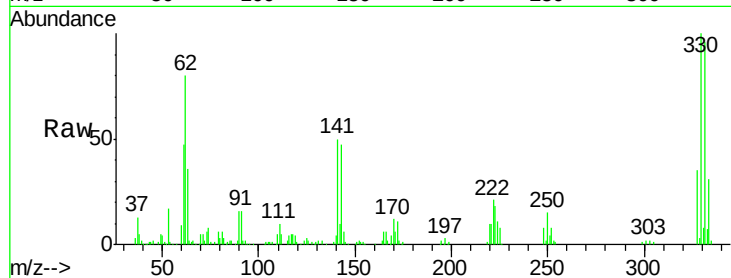




#41
 2,4,6-Tribromophenol
 Concen: 160.05 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078884.D
 Acq: 1 May 2015 11:10

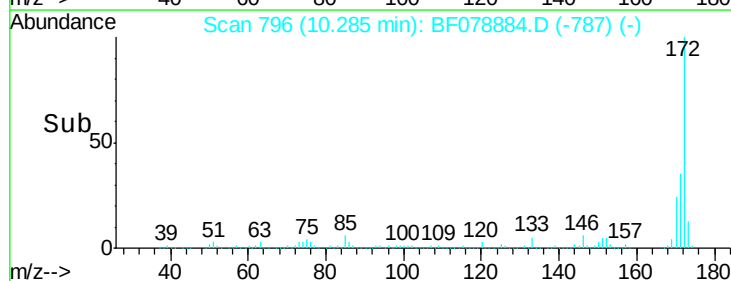
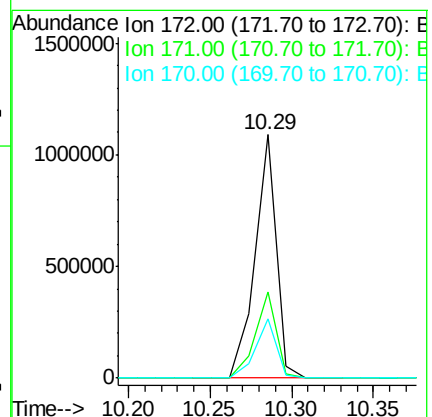
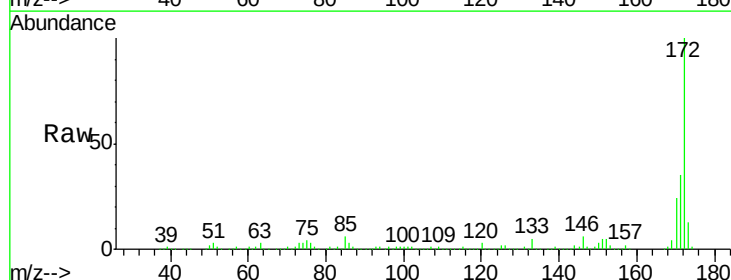
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-129-42815

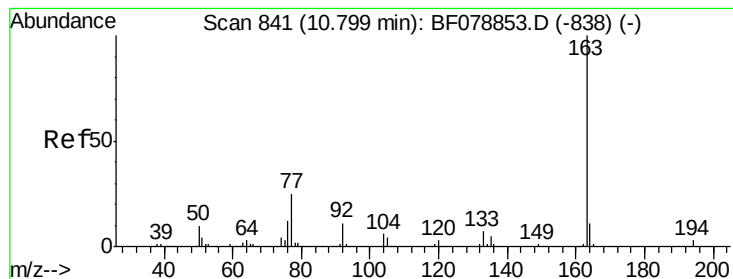
Tgt Ion:330 Resp: 245261
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 33.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 96.60 ng
 RT: 10.29 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF078884.D
 Acq: 1 May 2015 11:10

Tgt Ion:172 Resp: 982110
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.9 41.9
 170 24.4 19.4 29.0





#49

Dimethylphthalate

Concen: 2.71 ng

RT: 10.79 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF078884.D

Acq: 1 May 2015 11:10

Instrument :

BNA_F

ClientSampleId :

DCW-WW-129-42815

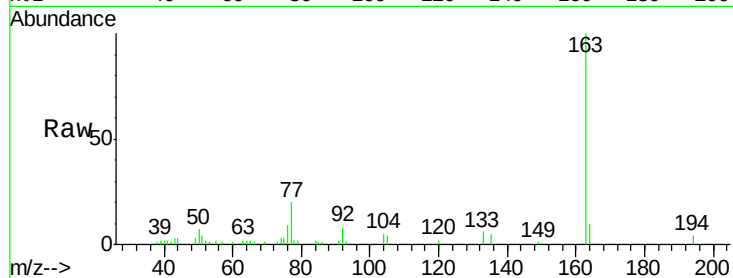
Tgt Ion:163 Resp: 28215

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0#

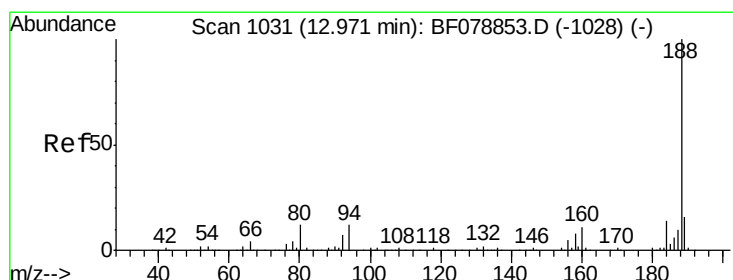
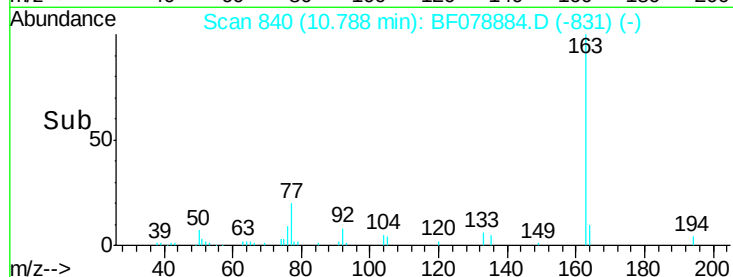
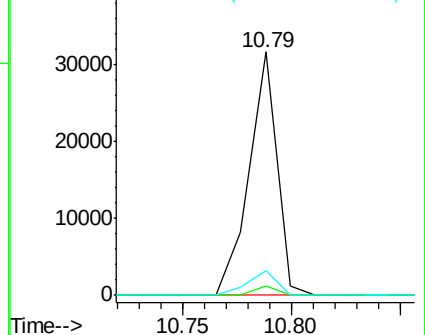
164 10.4 8.1 12.1



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: 12.96 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF078884.D

Acq: 1 May 2015 11:10

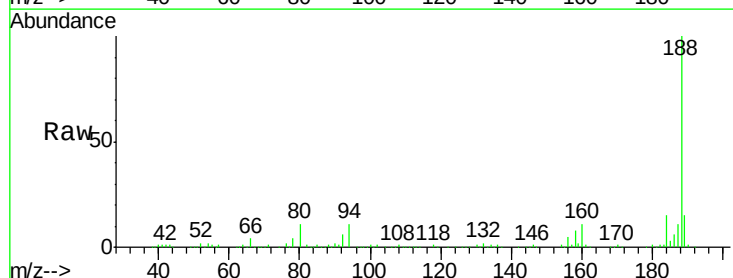
Tgt Ion:188 Resp: 291114

Ion Ratio Lower Upper

188 100

94 11.1 8.2 12.2

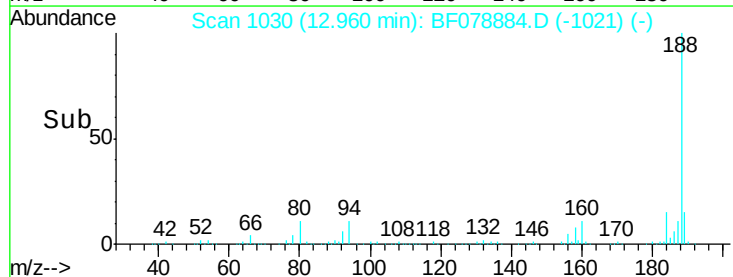
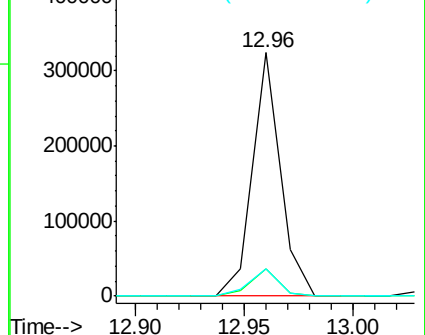
80 11.3 8.9 13.3

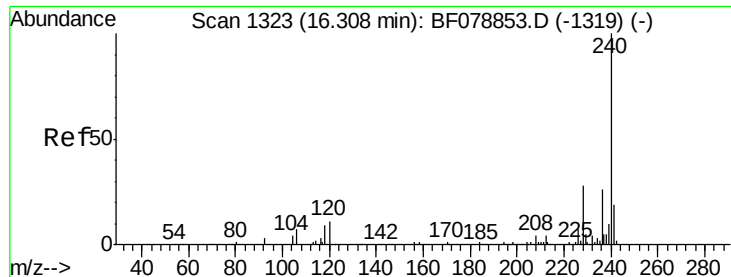


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.32 min Scan# 1324

Delta R.T. 0.03 min

Lab File: BF078884.D

Acq: 1 May 2015 11:10

Instrument :

BNA_F

ClientSampleId :

DCW-WW-129-42815

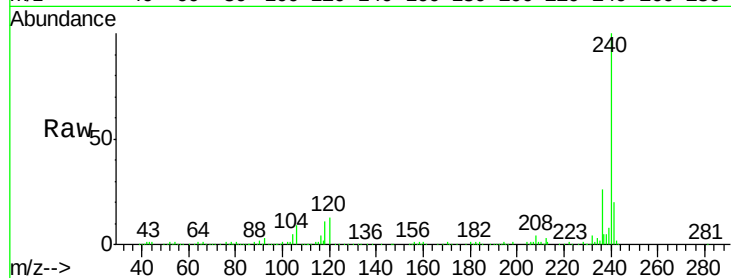
Tgt Ion:240 Resp: 298412

Ion Ratio Lower Upper

240 100

120 13.4 9.7 14.5

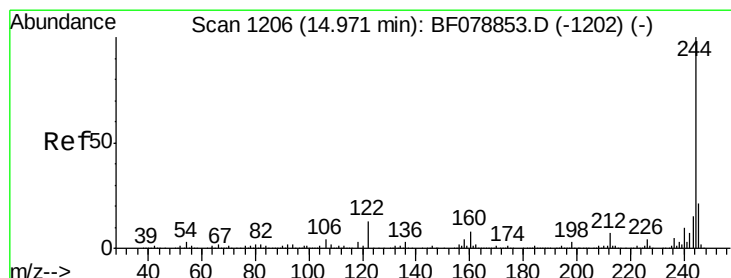
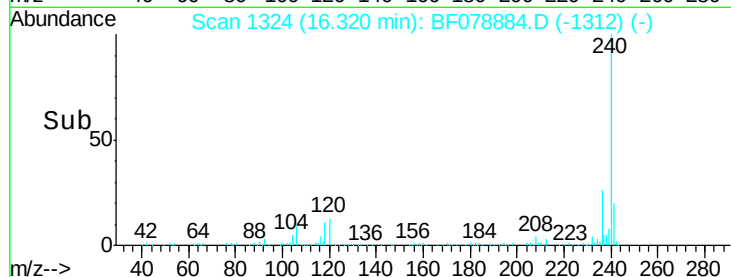
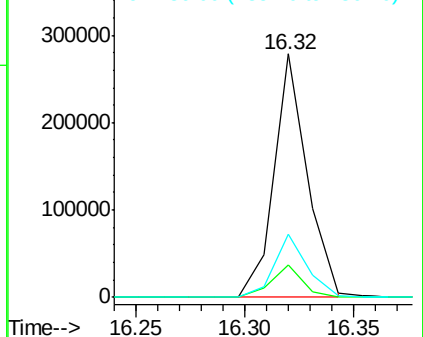
236 26.0 20.2 30.4



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: 95.58 ng

RT: 14.97 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF078884.D

Acq: 1 May 2015 11:10

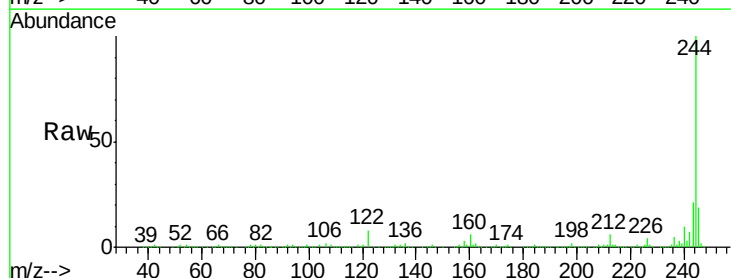
Tgt Ion:244 Resp: 1191321

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

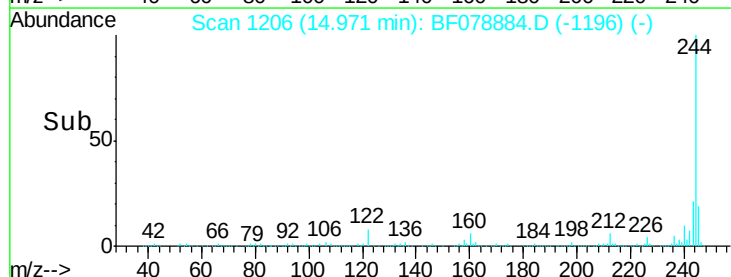
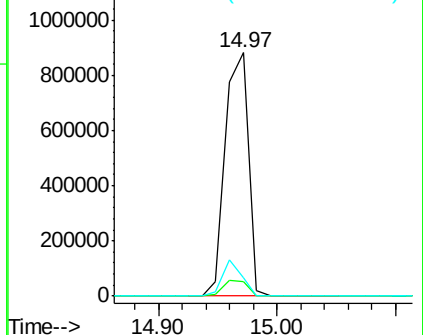
122 7.6 10.3 15.5#

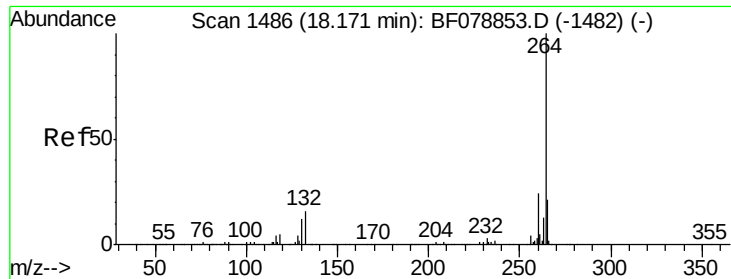


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

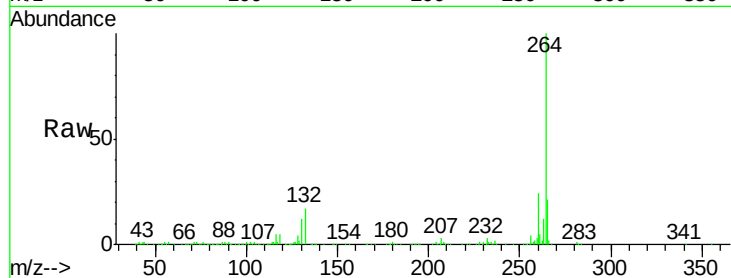




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.25 min Scan# 1493
Delta R.T. 0.13 min
Lab File: BF078884.D
Acq: 1 May 2015 11:10

Instrument :
BNA_F
ClientSampleId :
DCW-WW-129-42815

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.2	18.3	27.5



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

