

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
 Data File : BF078889.D
 Acq On : 1 May 2015 13:34
 Operator : TP/IZ
 Sample : G2024-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-02

Quant Time: May 01 14:27:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	66412	20.00	ng	-0.01
21) Naphthalene-d8	8.94	136	265078	20.00	ng	-0.01
38) Acenaphthene-d10	11.11	164	89663	20.00	ng	-0.02
63) Phenanthrene-d10	12.96	188	238385	20.00	ng	-0.01
75) Chrysene-d12	16.30	240	149458	20.00	ng	0.00
86) Perylene-d12	18.18	264	13773	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	506699	131.33	ng	-0.01
7) Phenol-d6	6.90	99	538557	105.61	ng	-0.02
23) Nitrobenzene-d5	8.04	82	402848	87.34	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	223288	230.20	ng	-0.02
44) 2-Fluorobiphenyl	10.28	172	874363	135.86	ng	-0.01
78) Terphenyl-d14	14.96	244	1021982	163.71	ng	-0.01

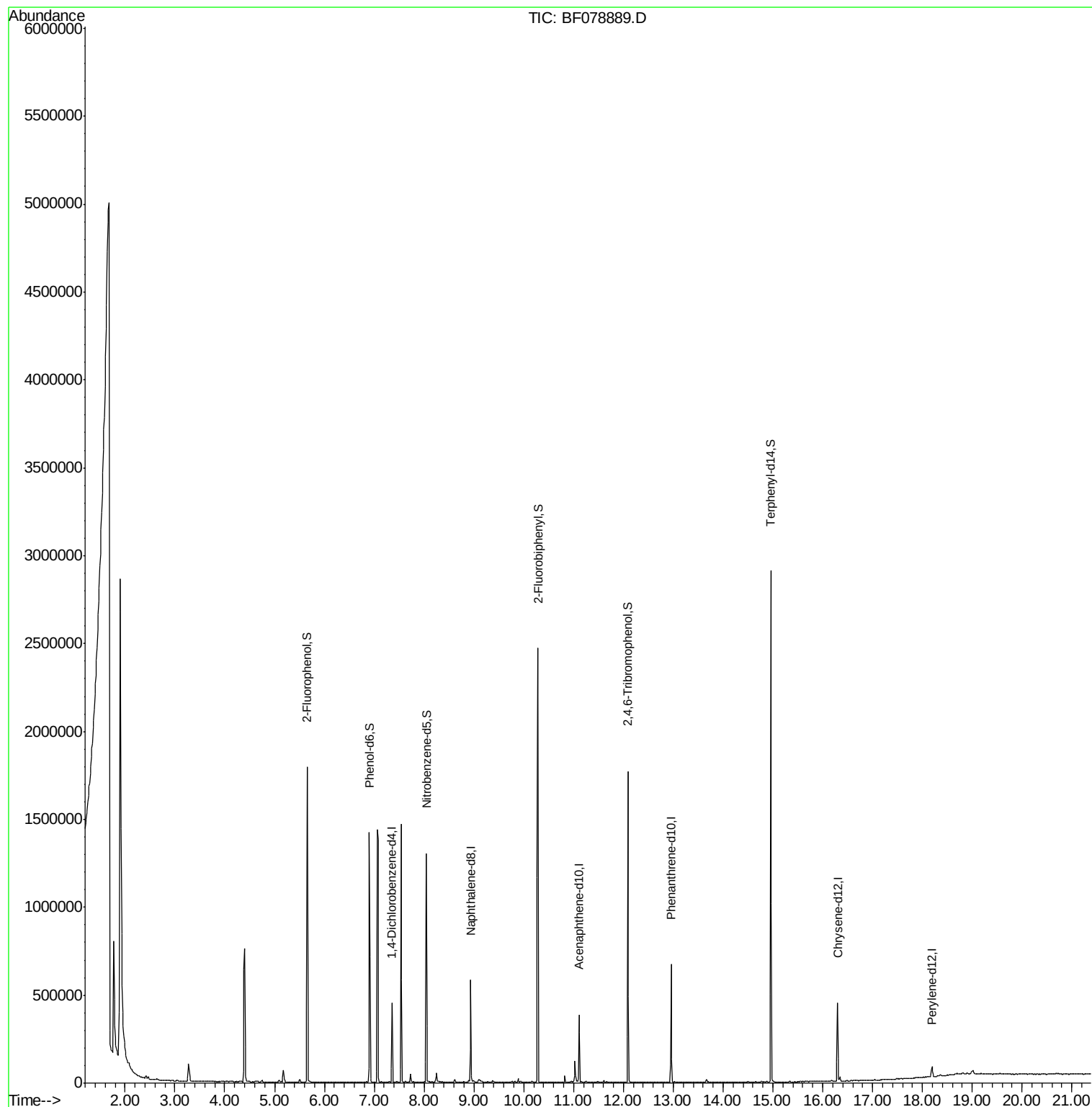
Target Compounds Qvalue

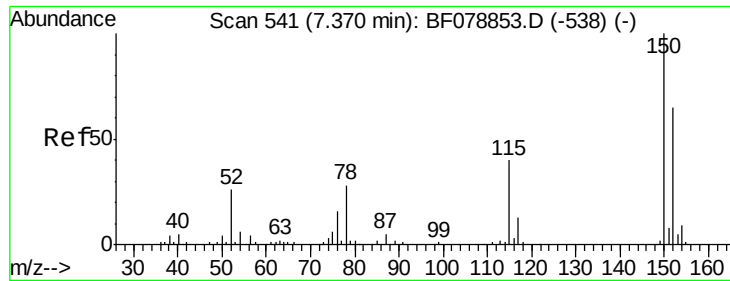
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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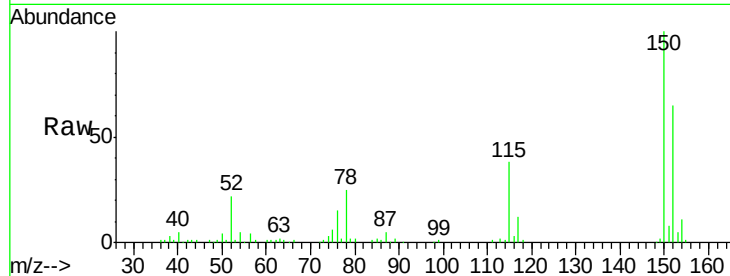


#1

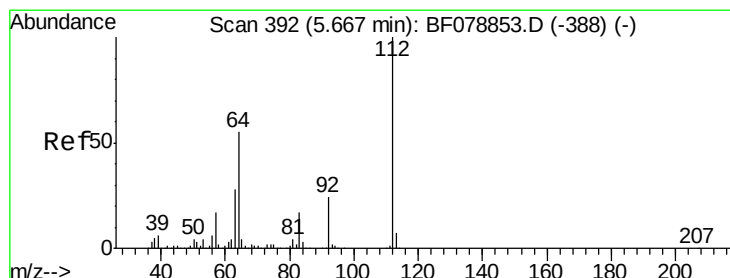
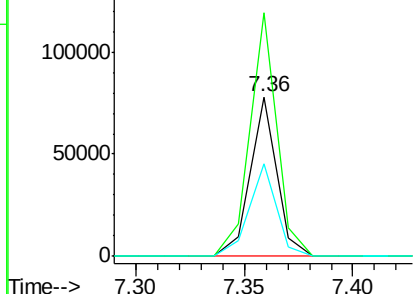
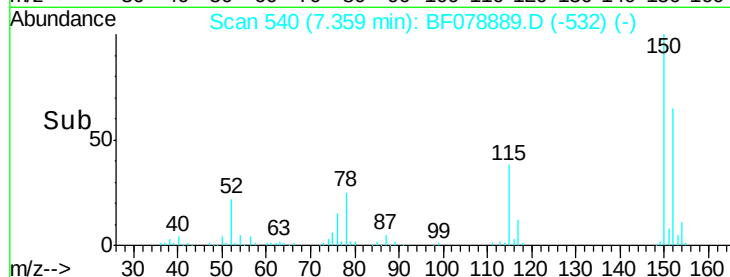
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF078889.D
Acq: 1 May 2015 13:34

Instrument :
BNA_F
ClientSampleId :
WC-02

Tot Ion:152 Resp: 66412
Ion Ratio Lower Upper
152 100
150 152.8 122.0 183.0
115 58.3 46.3 69.5



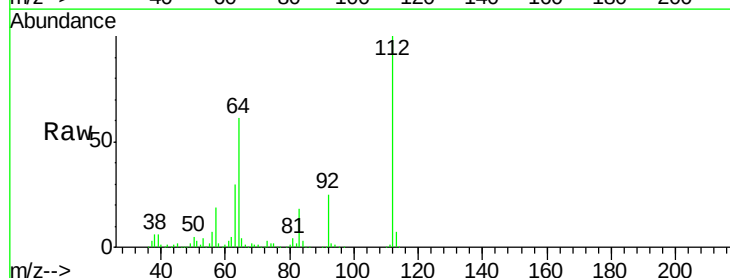
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



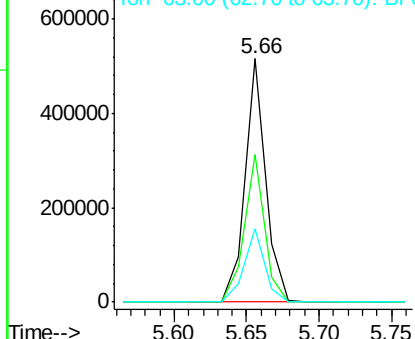
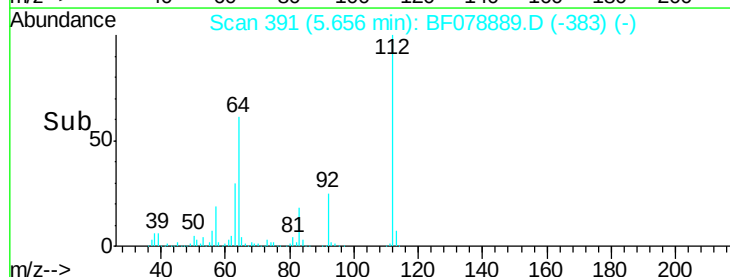
#5

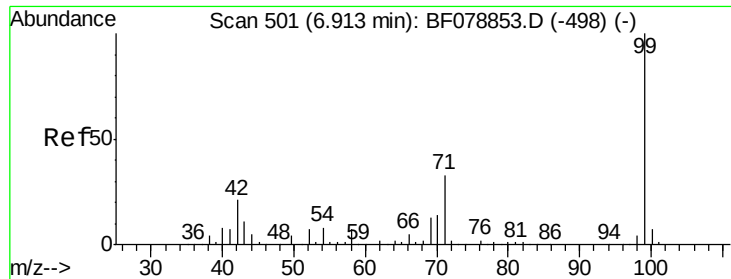
2-Fluorophenol
Concen: 131.33 ng
RT: 5.66 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF078889.D
Acq: 1 May 2015 13:34

Tgt Ion:112 Resp: 506699
Ion Ratio Lower Upper
112 100
64 60.8 53.5 80.3
63 30.3 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: 105.61 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078889.D

Acq: 1 May 2015 13:34

Instrument :

BNA_F

ClientSampleId :

WC-02

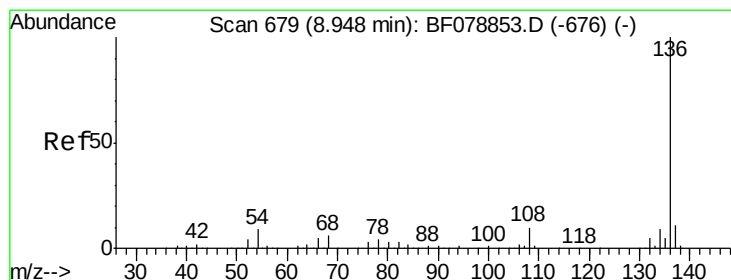
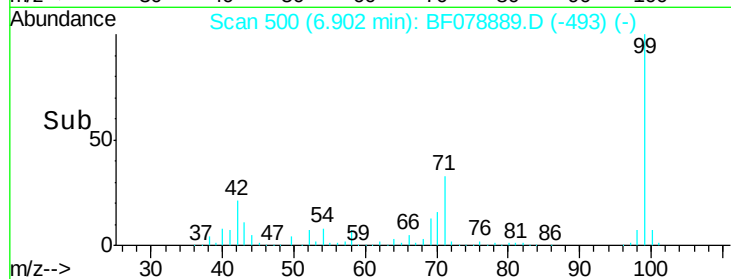
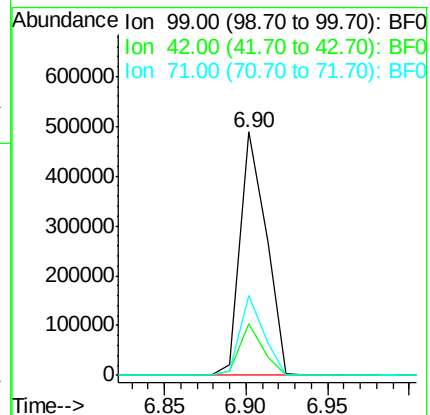
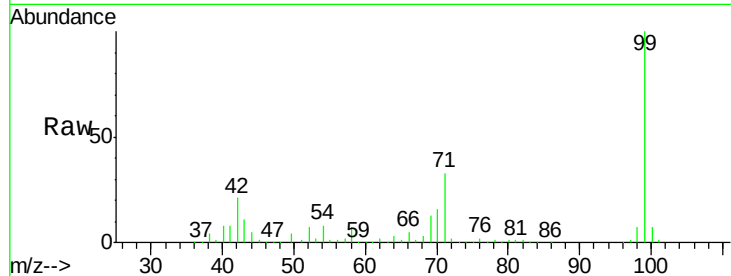
Tot Ion: 99 Resp: 538557

Ion Ratio Lower Upper

99 100

42 21.2 12.8 19.2#

71 32.6 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.94 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF078889.D

Acq: 1 May 2015 13:34

Tgt Ion: 136 Resp: 265078

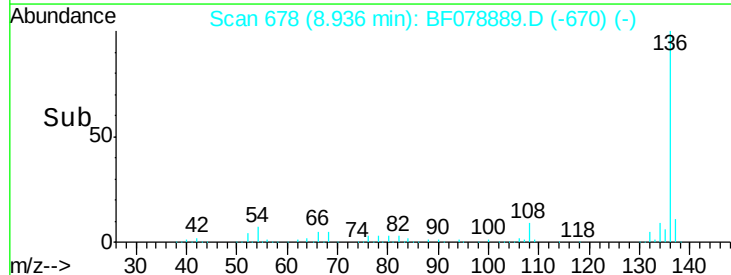
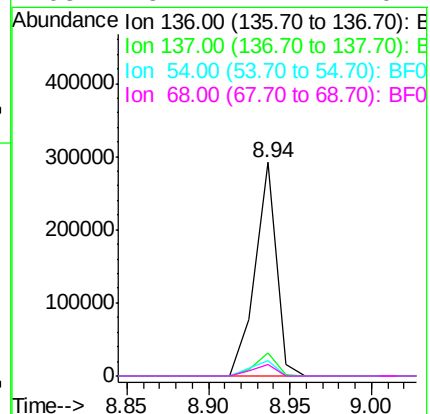
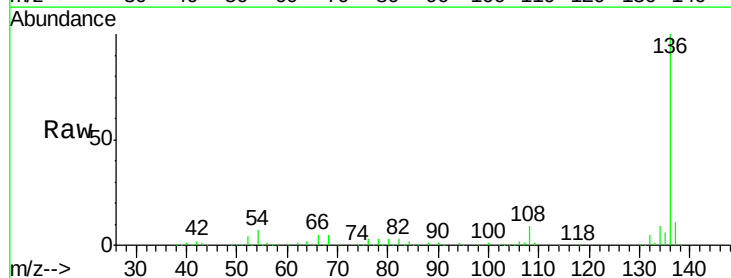
Ion Ratio Lower Upper

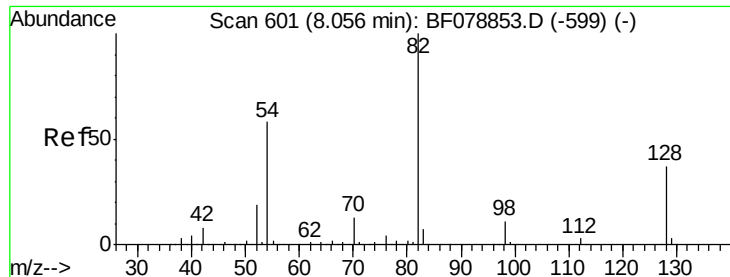
136 100

137 10.9 8.7 13.1

54 7.2 5.8 8.8

68 5.2 4.2 6.4

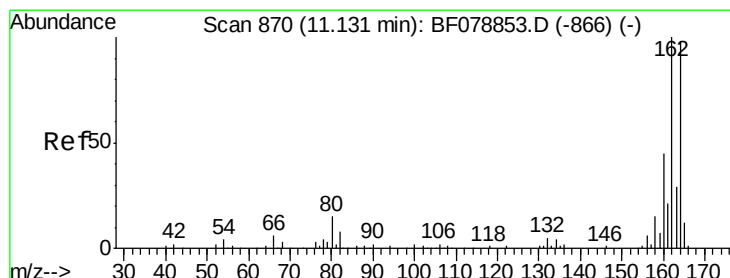
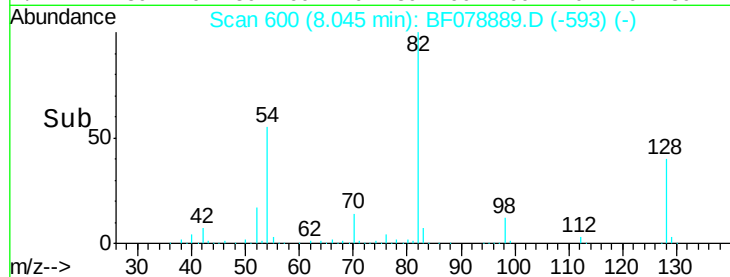
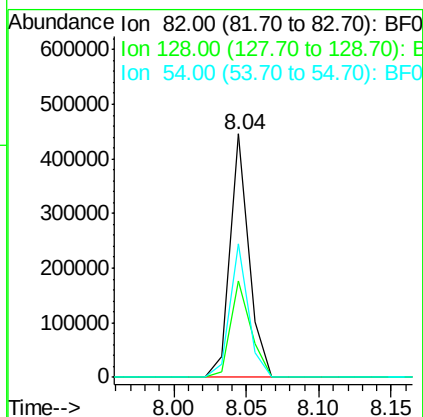
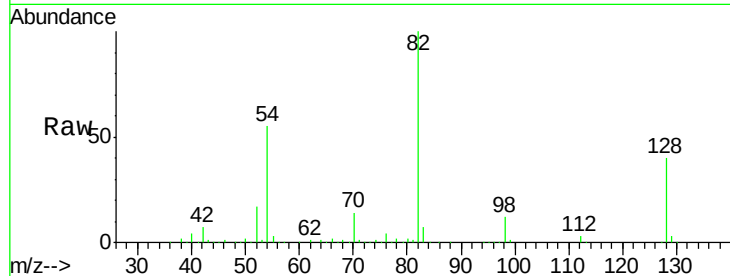




#23
 Nitrobenzene-d5
 Concen: 87.34 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF078889.D
 Acq: 1 May 2015 13:34

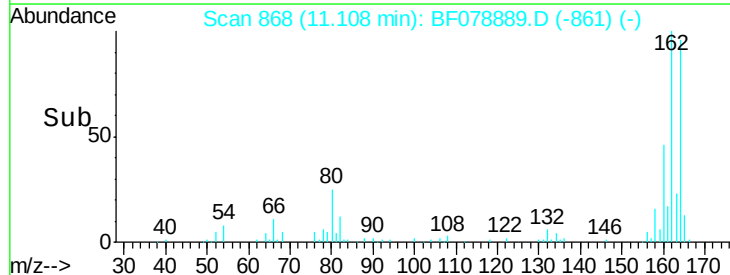
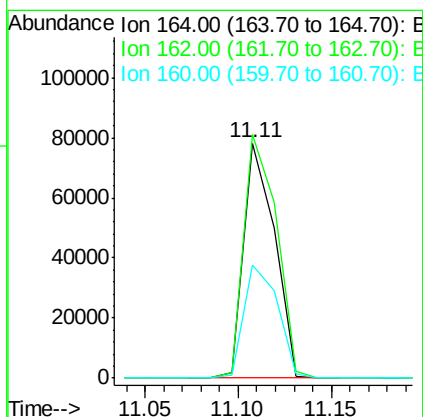
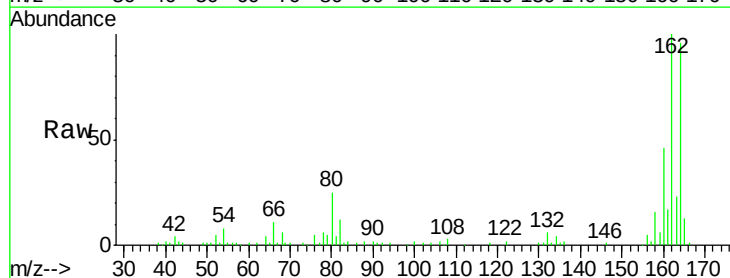
Instrument :
 BNA_F
 ClientSampleId :
 WC-02

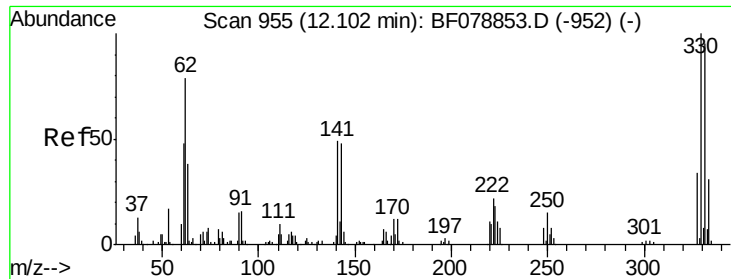
Tot Ion	82	Resp	402848
Ion Ratio	100	Lower	Upper
128	39.8	30.0	45.0
54	54.9	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.02 min
 Lab File: BF078889.D
 Acq: 1 May 2015 13:34

Tgt Ion	164	Resp	89663
Ion Ratio	100	Lower	Upper
162	103.7	82.7	124.1
160	48.1	35.8	53.8

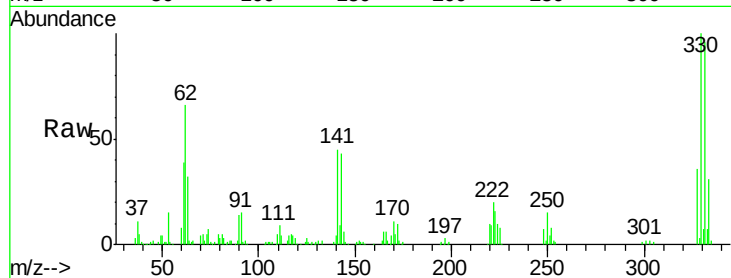




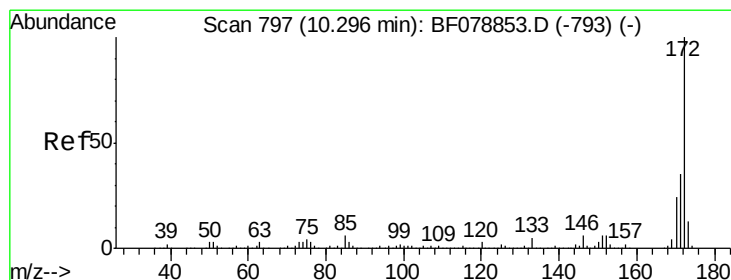
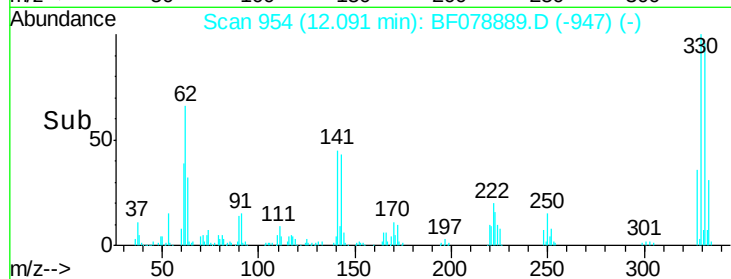
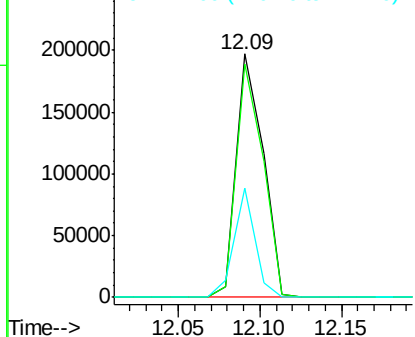
#41
 2,4,6-Tribromophenol
 Concen: 230.20 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078889.D
 Acq: 1 May 2015 13:34

Instrument :
 BNA_F
 ClientSampled :
 WC-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	35.3	0.0	0.0#

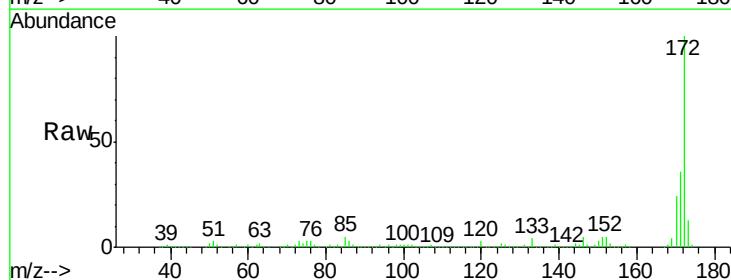


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

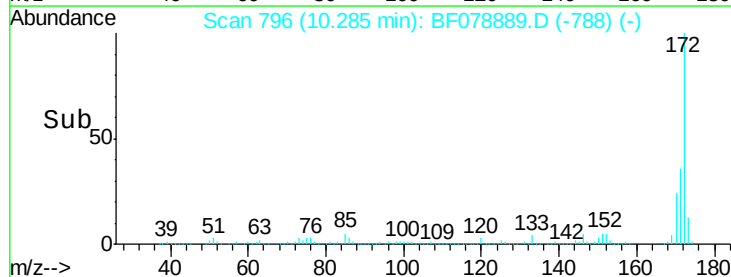
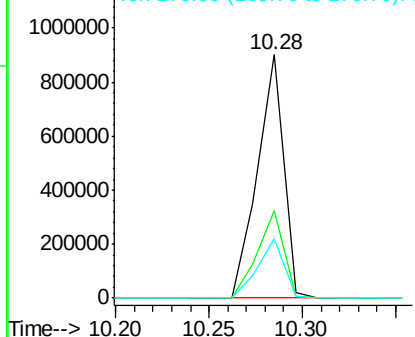


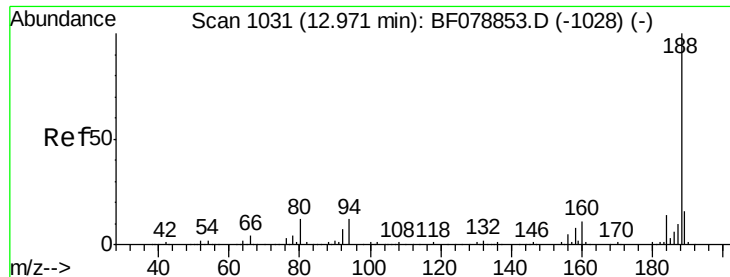
#44
 2-Fluorobiphenyl
 Concen: 135.86 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF078889.D
 Acq: 1 May 2015 13:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	24.4	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.96 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF078889.D

Acq: 1 May 2015 13:34

Instrument :

BNA_F

ClientSampleId :

WC-02

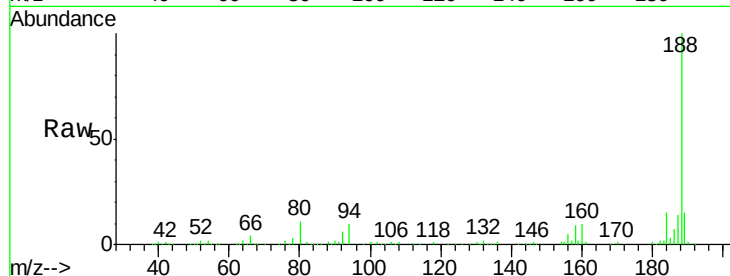
Tot Ion:188 Resp: 238385

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

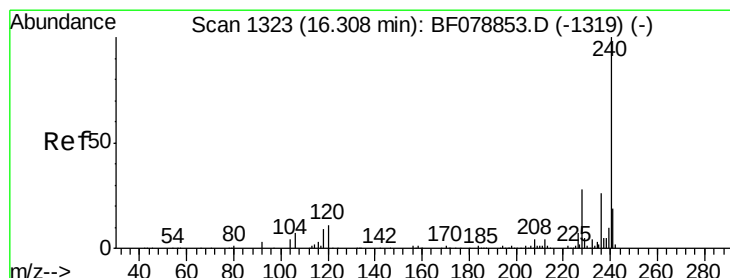
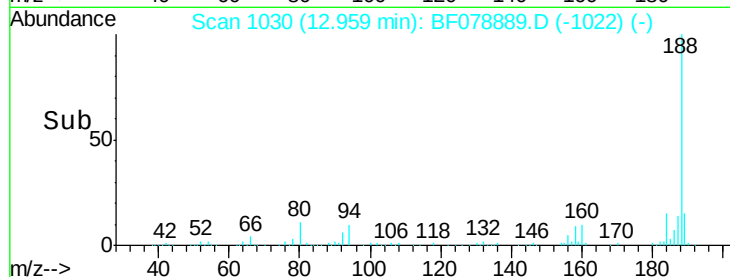
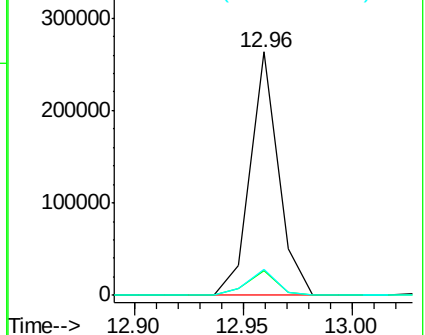
80 10.9 8.9 13.3



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: 16.30 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF078889.D

Acq: 1 May 2015 13:34

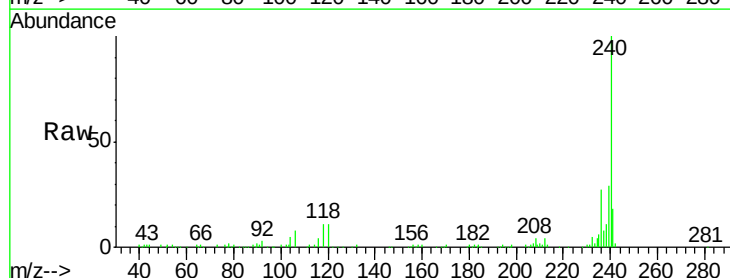
Tgt Ion:240 Resp: 149458

Ion Ratio Lower Upper

240 100

120 11.1 9.7 14.5

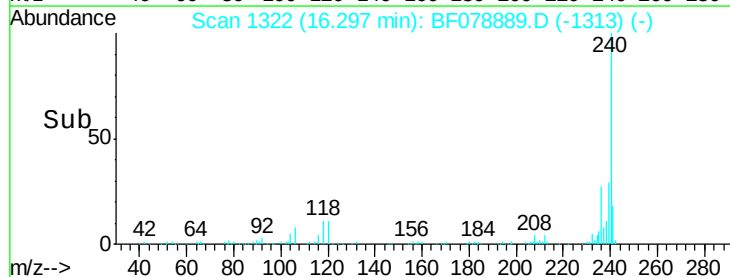
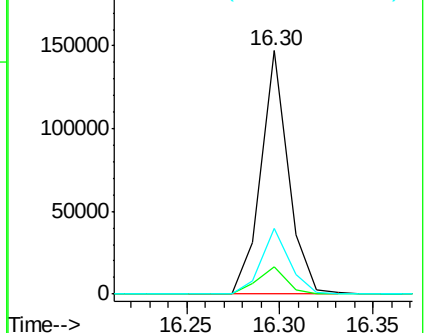
236 26.8 20.2 30.4

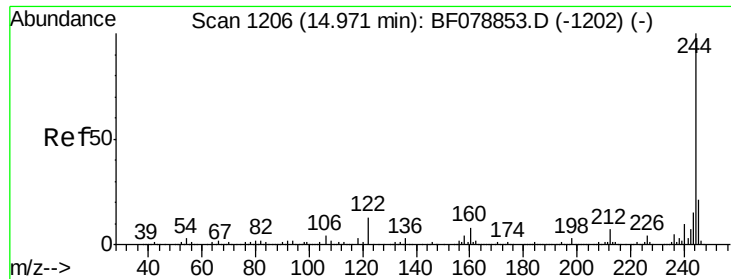


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

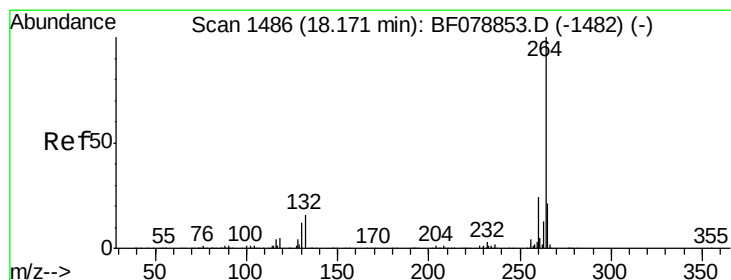
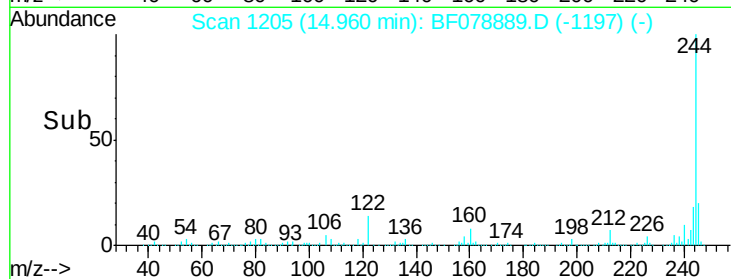
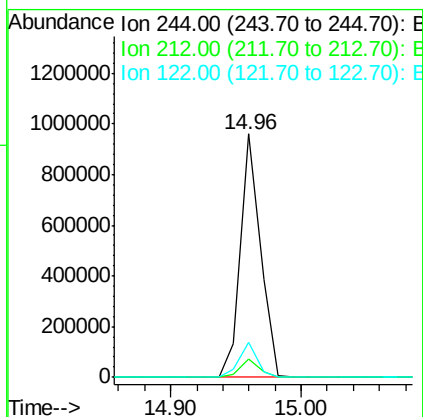
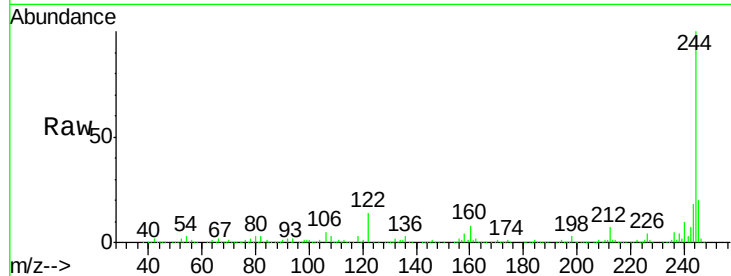




#78
 Terphenyl-d14
 Concen: 163.71 ng
 RT: 14.96 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF078889.D
 Acq: 1 May 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 WC-02

Tot Ion:244 Resp: 1021982
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 14.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.18 min Scan# 1487
 Delta R.T. 0.07 min
 Lab File: BF078889.D
 Acq: 1 May 2015 13:34

Tgt Ion:264 Resp: 13773
 Ion Ratio Lower Upper
 264 100
 260 33.8 19.4 29.2#
 265 24.9 18.3 27.5

