

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078983.D
 Acq On : 7 May 2015 7:08
 Operator : TP/IZ
 Sample : G2046-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Quant Time: May 07 08:17:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 07:34:36 2015
 Response via : Initial Calibration

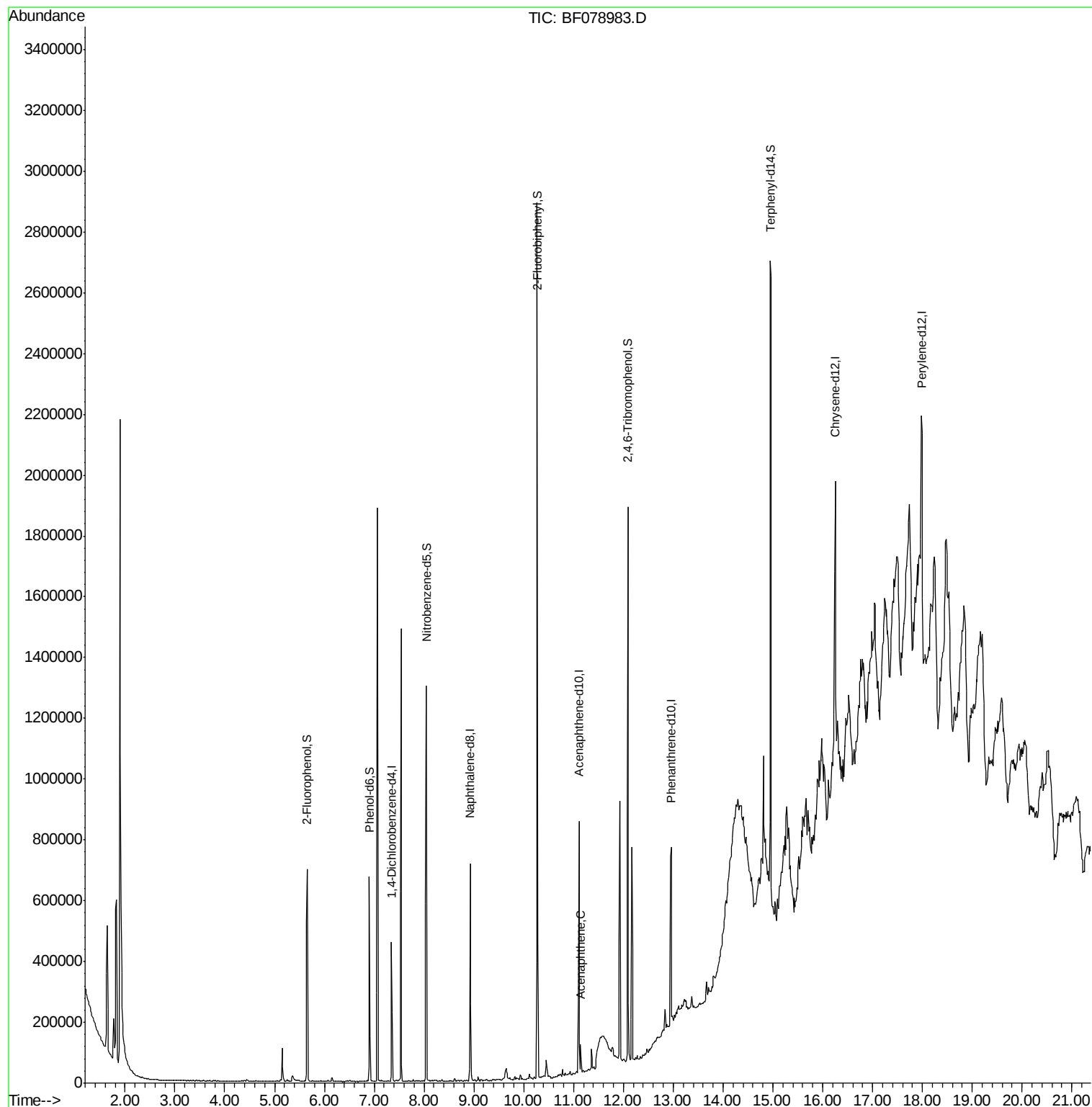
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	78784	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	340159	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	169471	20.00	ng	0.00
63) Phenanthrene-d10	12.96	188	318519	20.00	ng	0.01
75) Chrysene-d12	16.25	240	340054	20.00	ng	0.00
86) Perylene-d12	17.99	264	344081	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	258452	56.47	ng	0.01
7) Phenol-d6	6.90	99	223947	37.02	ng	0.00
23) Nitrobenzene-d5	8.04	82	455830	77.02	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	251689	137.28	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	860817	70.77	ng	0.00
78) Terphenyl-d14	14.96	244	1082591	76.22	ng	0.01
Target Compounds						
51) Acenaphthene	11.14	154	22362	2.17	ng	Qvalue 100

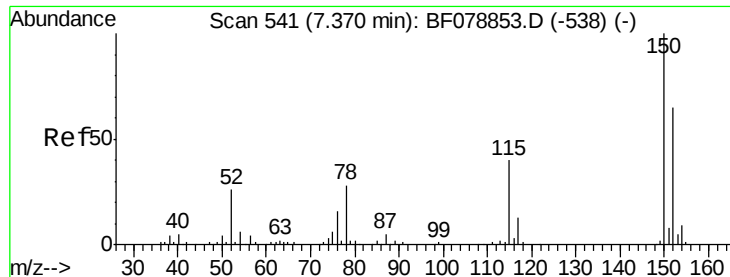
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 07 07:34:36 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF078983.D

Acq: 7 May 2015 7:08

Instrument :

BNA_F

ClientSampled :

W-26

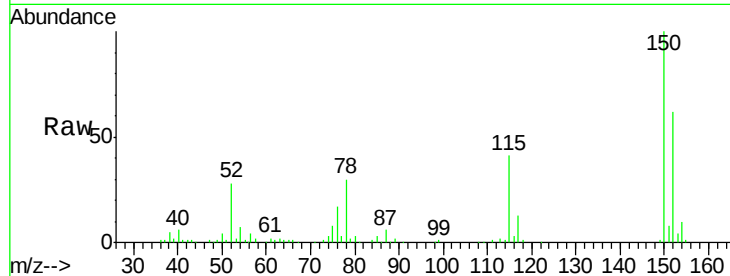
Tot Ion:152 Resp: 78784

Ion Ratio Lower Upper

152 100

150 162.0 122.0 183.0

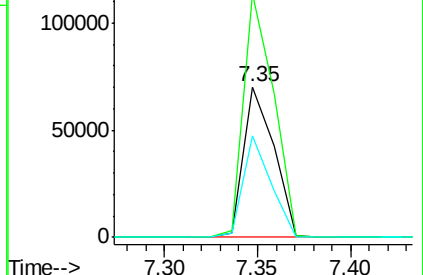
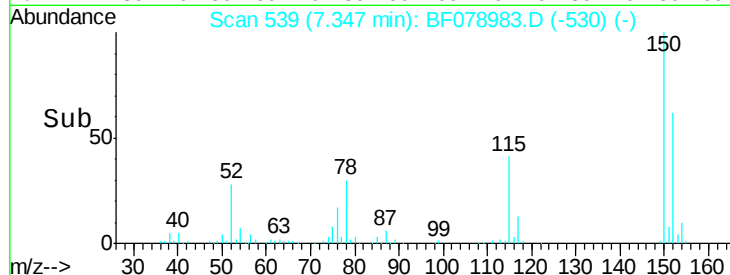
115 67.1 46.3 69.5



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: 56.47 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078983.D

Acq: 7 May 2015 7:08

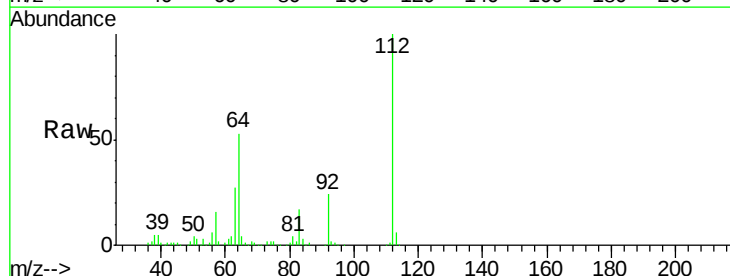
Tgt Ion:112 Resp: 258452

Ion Ratio Lower Upper

112 100

64 53.0 53.5 80.3#

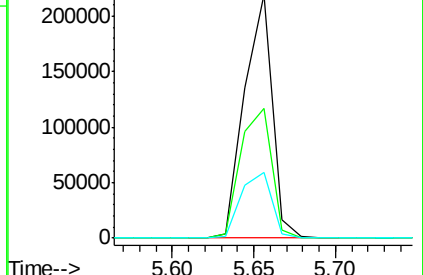
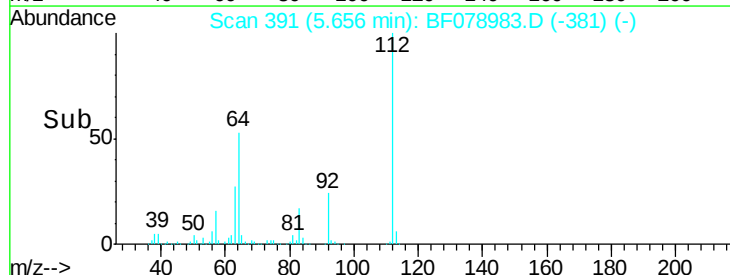
63 26.7 27.5 41.3#



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: 37.02 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078983.D

Acq: 7 May 2015 7:08

Instrument :

BNA_F

ClientSampleId :

W-26

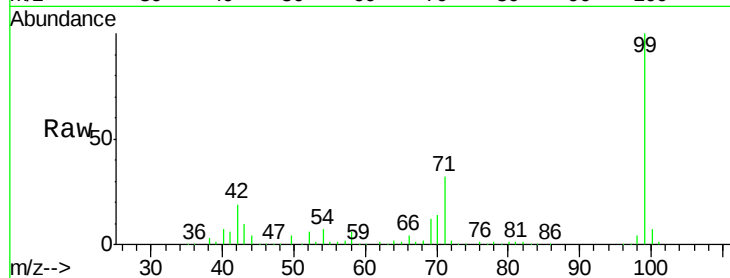
Tot Ion: 99 Resp: 223947

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

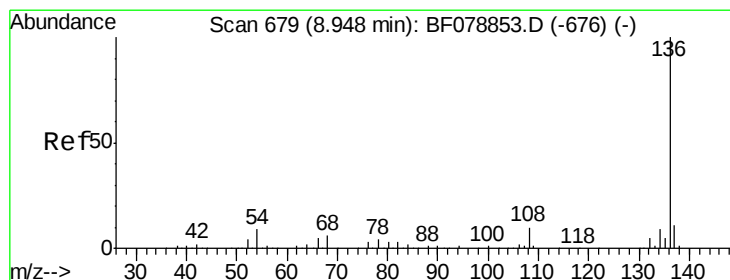
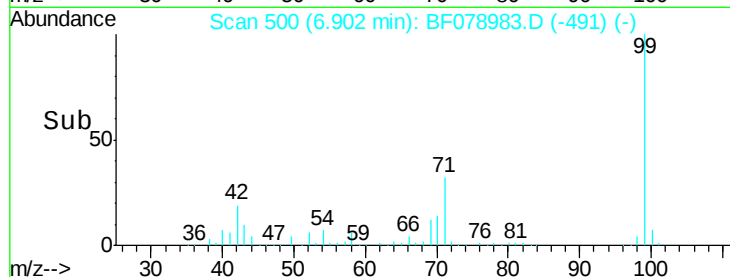
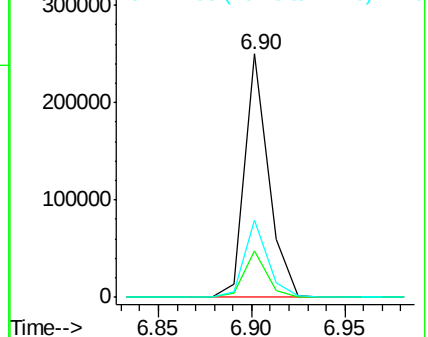
71 31.7 23.4 35.2



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: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078983.D

Acq: 7 May 2015 7:08

Tgt Ion: 136 Resp: 340159

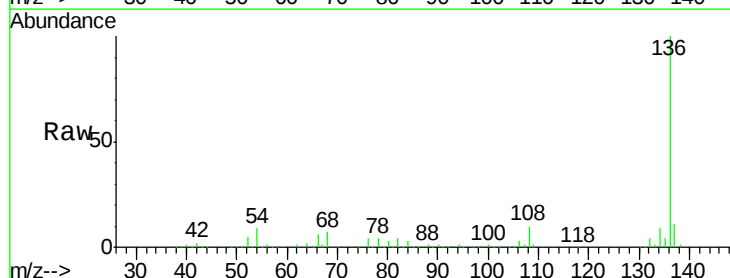
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.2 5.8 8.8#

68 6.7 4.2 6.4#

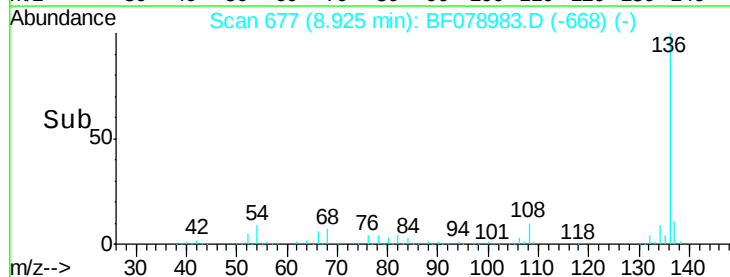
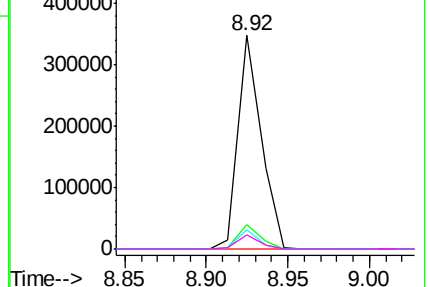


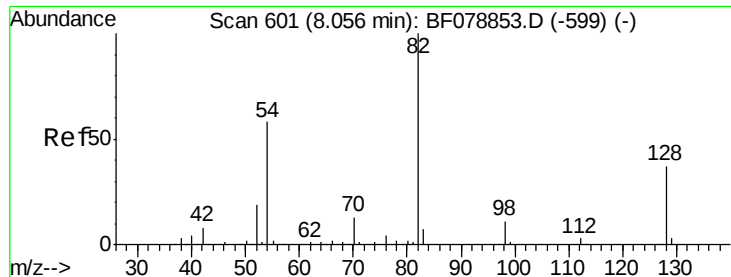
Abundance Ion 136.00 (135.70 to 136.70): E

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

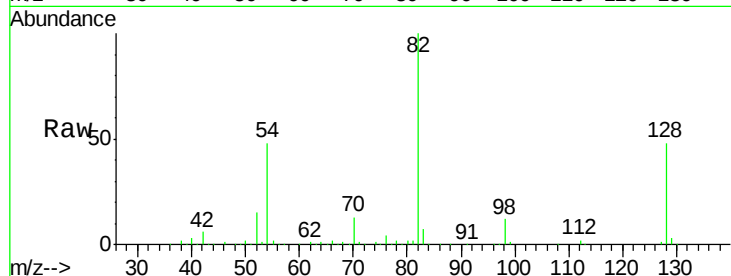




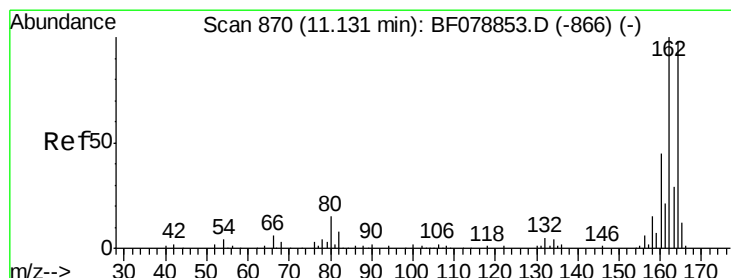
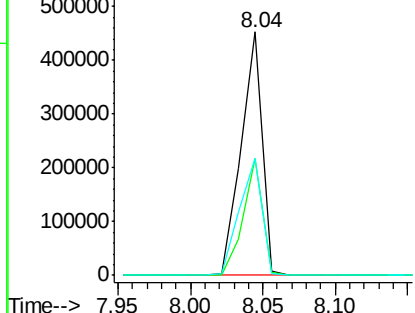
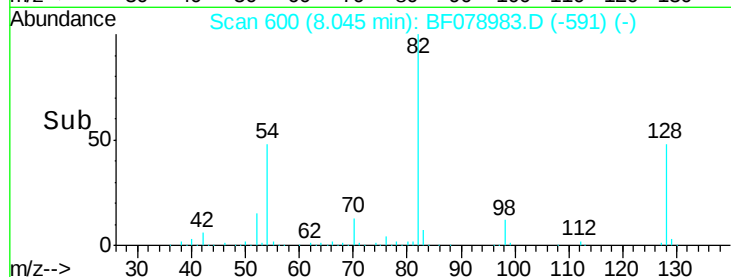
#23
Nitrobenzene-d5
Concen: 77.02 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078983.D
Acq: 7 May 2015 7:08

Instrument :
BNA_F
ClientSampleId :
W-26

Tot Ion: 82 Resp: 455830
Ion Ratio Lower Upper
82 100
128 48.0 30.0 45.0#
54 48.2 46.4 69.6

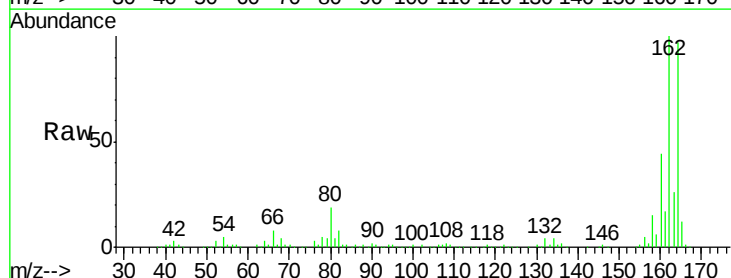


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

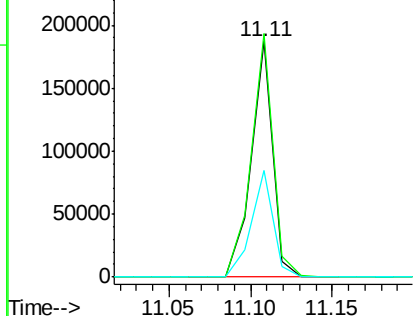
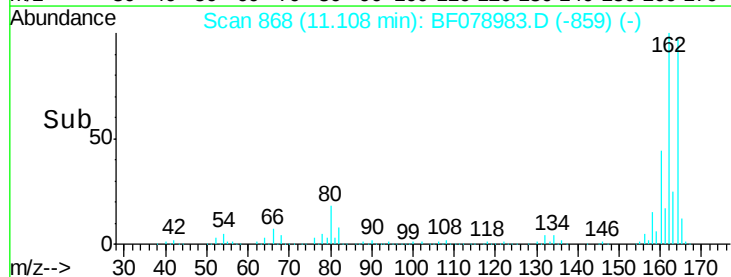


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF078983.D
Acq: 7 May 2015 7:08

Tgt Ion:164 Resp: 169471
Ion Ratio Lower Upper
164 100
162 103.3 82.7 124.1
160 45.1 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

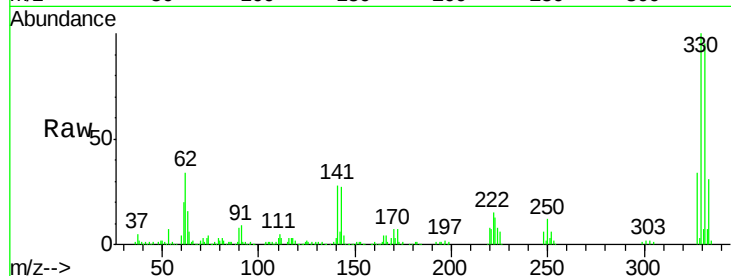




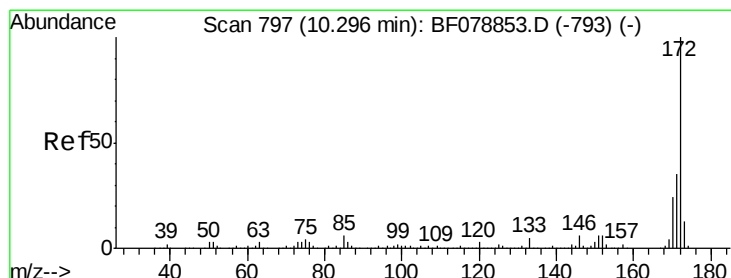
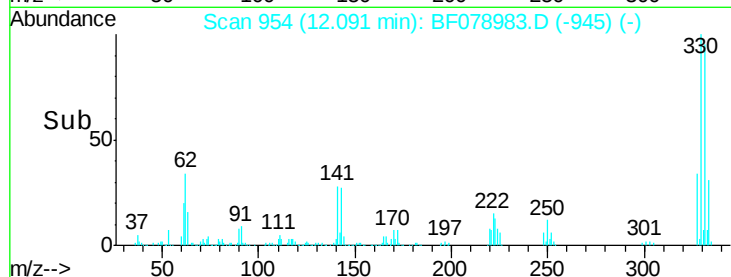
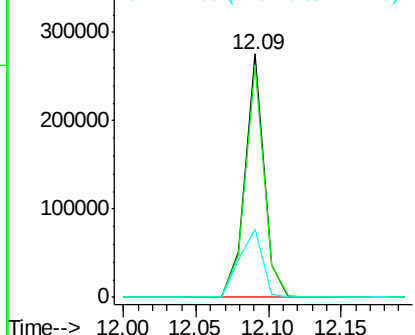
#41
 2,4,6-Tribromophenol
 Concen: 137.28 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078983.D
 Acq: 7 May 2015 7:08

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	34.4	0.0	0.0#

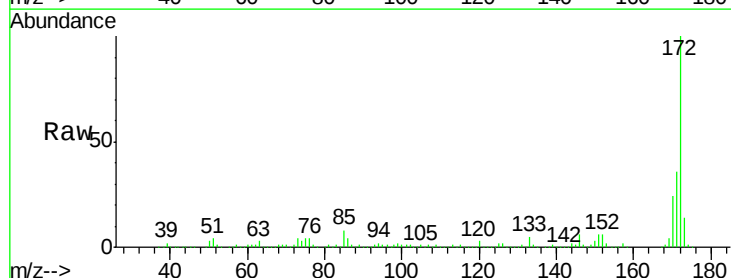


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

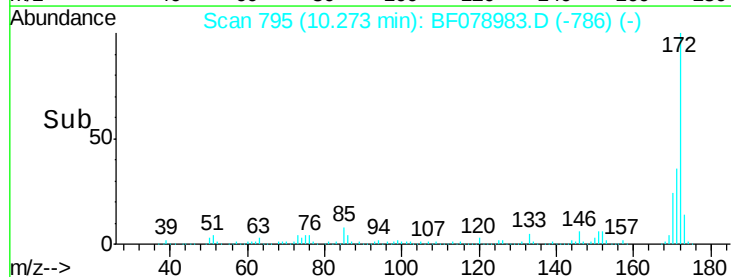
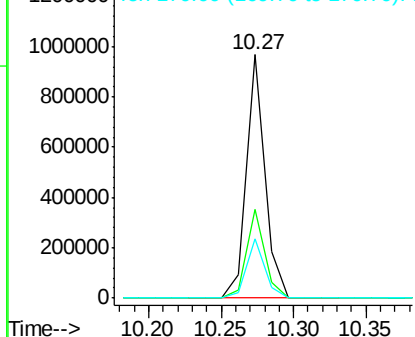


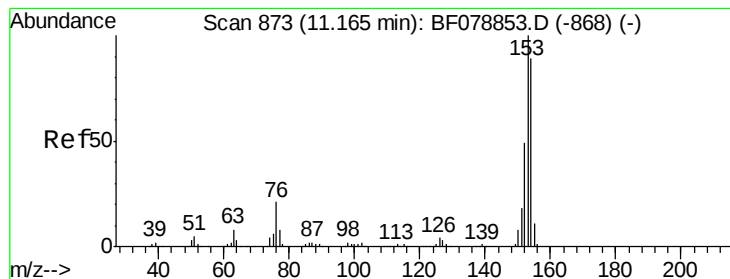
#44
 2-Fluorobiphenyl
 Concen: 70.77 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078983.D
 Acq: 7 May 2015 7:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.9	41.9
170	24.5	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





#51

Acenaphthene

Concen: 2.17 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF078983.D

Acq: 7 May 2015 7:08

Instrument :

BNA_F

ClientSampleId :

W-26

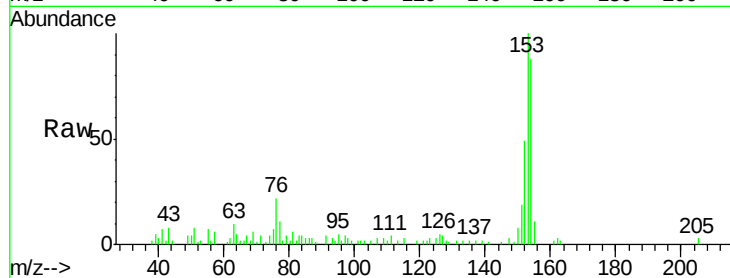
Tot Ion:154 Resp: 22362

Ion Ratio Lower Upper

154 100

153 113.9 91.5 137.3

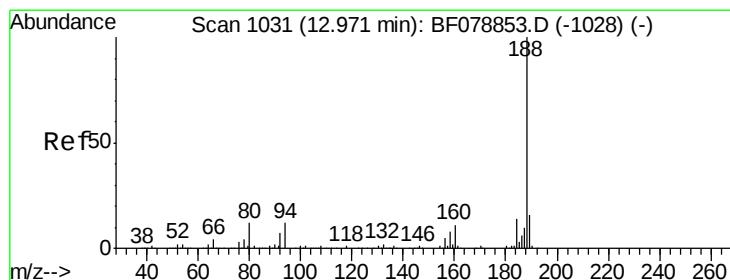
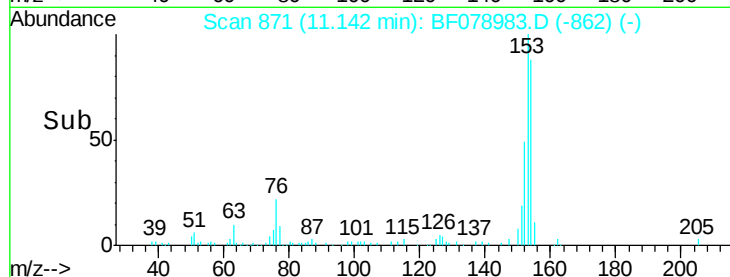
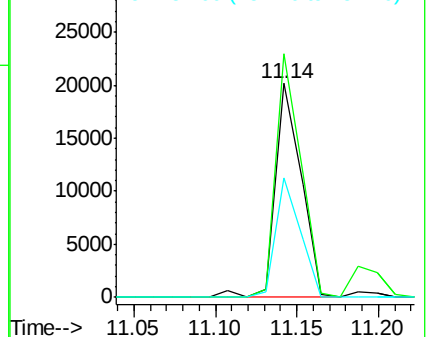
152 55.6 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.96 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF078983.D

Acq: 7 May 2015 7:08

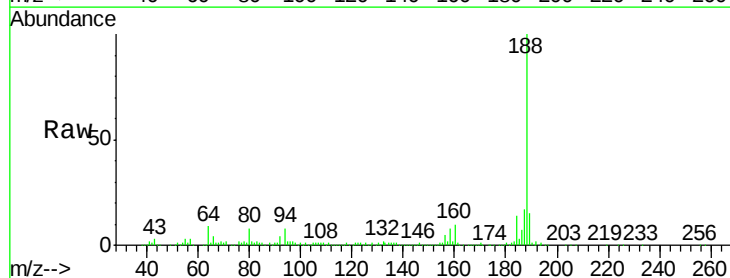
Tgt Ion:188 Resp: 318519

Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.2#

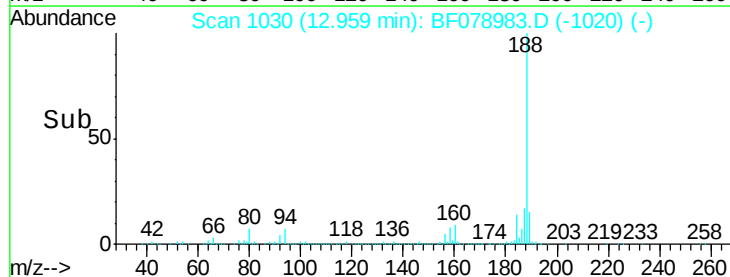
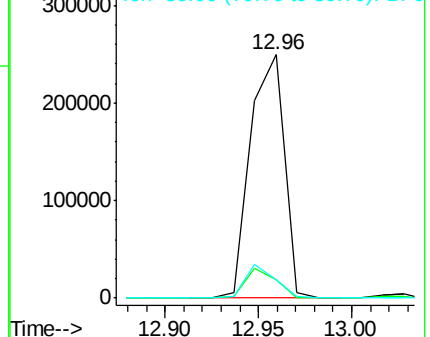
80 7.5 8.9 13.3#

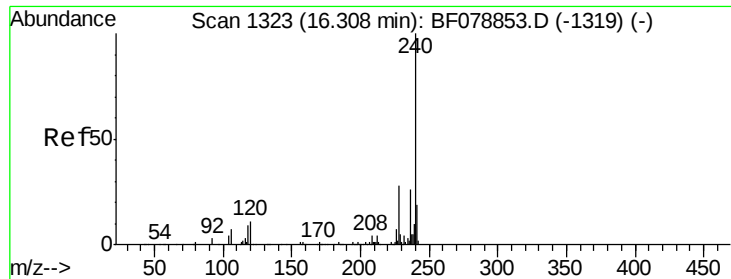


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.25 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF078983.D

Acq: 7 May 2015 7:08

Instrument :

BNA_F

ClientSampleId :

W-26

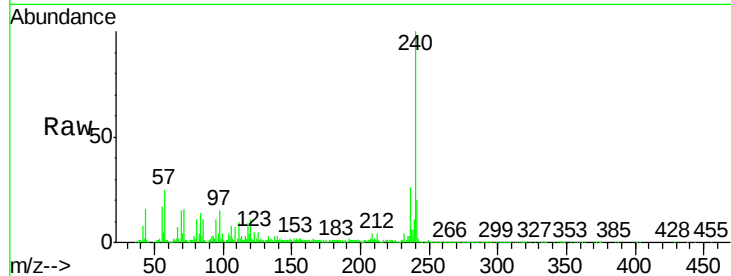
Tot Ion:240 Resp: 340054

Ion Ratio Lower Upper

240 100

120 11.5 9.7 14.5

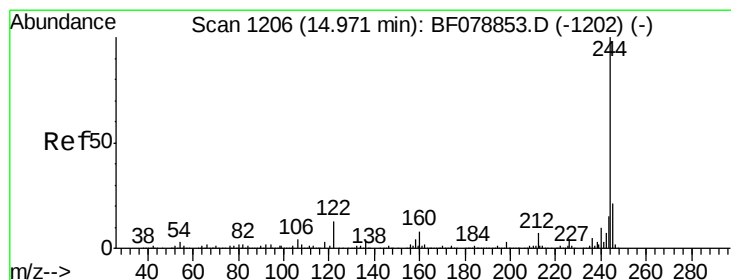
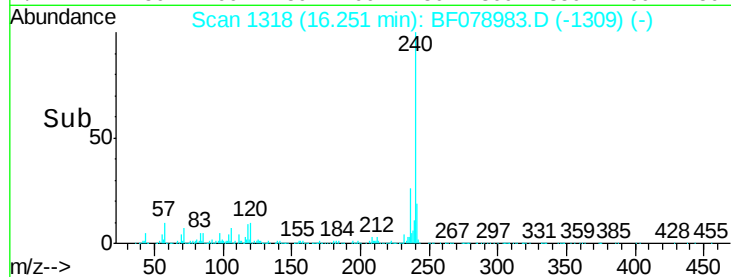
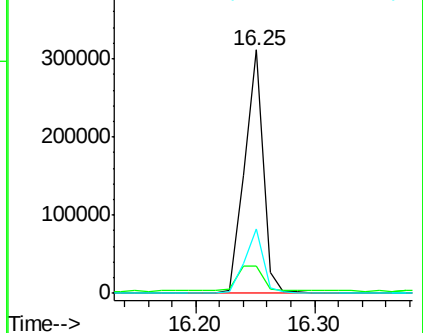
236 26.3 20.2 30.4



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: 76.22 ng

RT: 14.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF078983.D

Acq: 7 May 2015 7:08

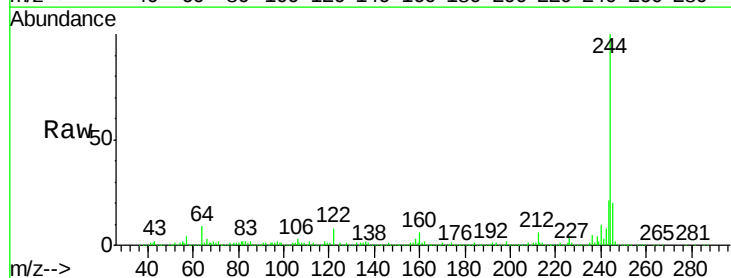
Tgt Ion:244 Resp: 1082591

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

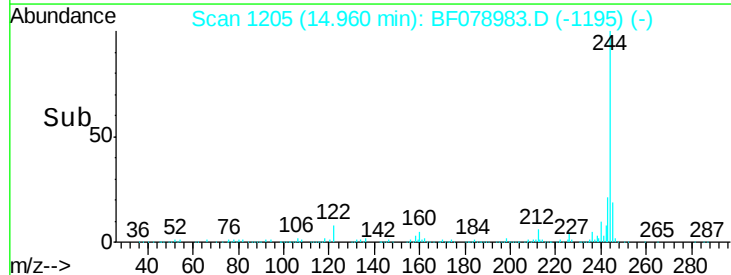
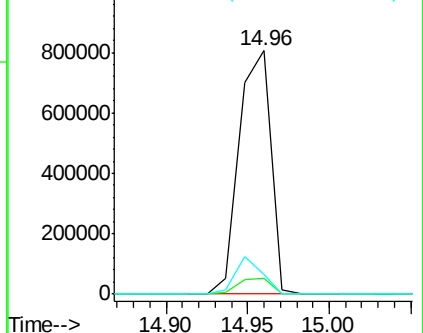
122 8.2 10.3 15.5#

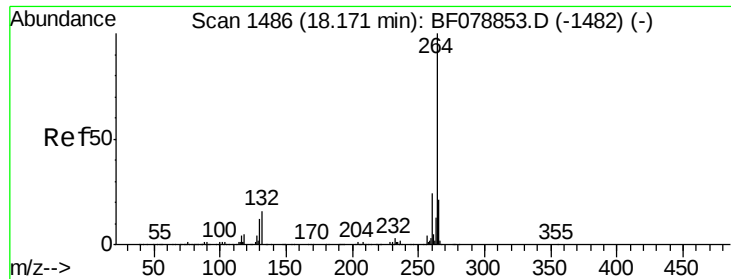


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

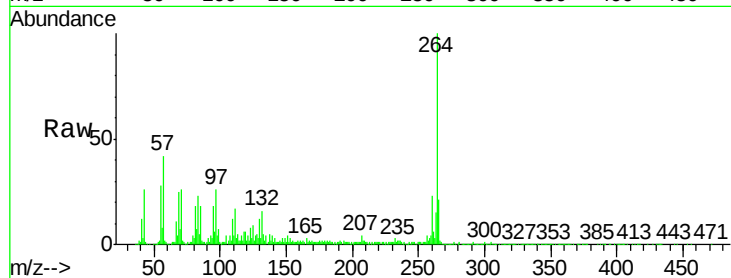




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1470
Delta R.T. 0.02 min
Lab File: BF078983.D
Acq: 7 May 2015 7:08

Instrument :
BNA_F
ClientSampleId :
W-26

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.4	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

