

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
 Data File : BF078826.D
 Acq On : 29 Apr 2015 21:20
 Operator : TP/IZ
 Sample : G2027-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-G1-G2-G3-G4

Quant Time: Apr 30 01:17:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

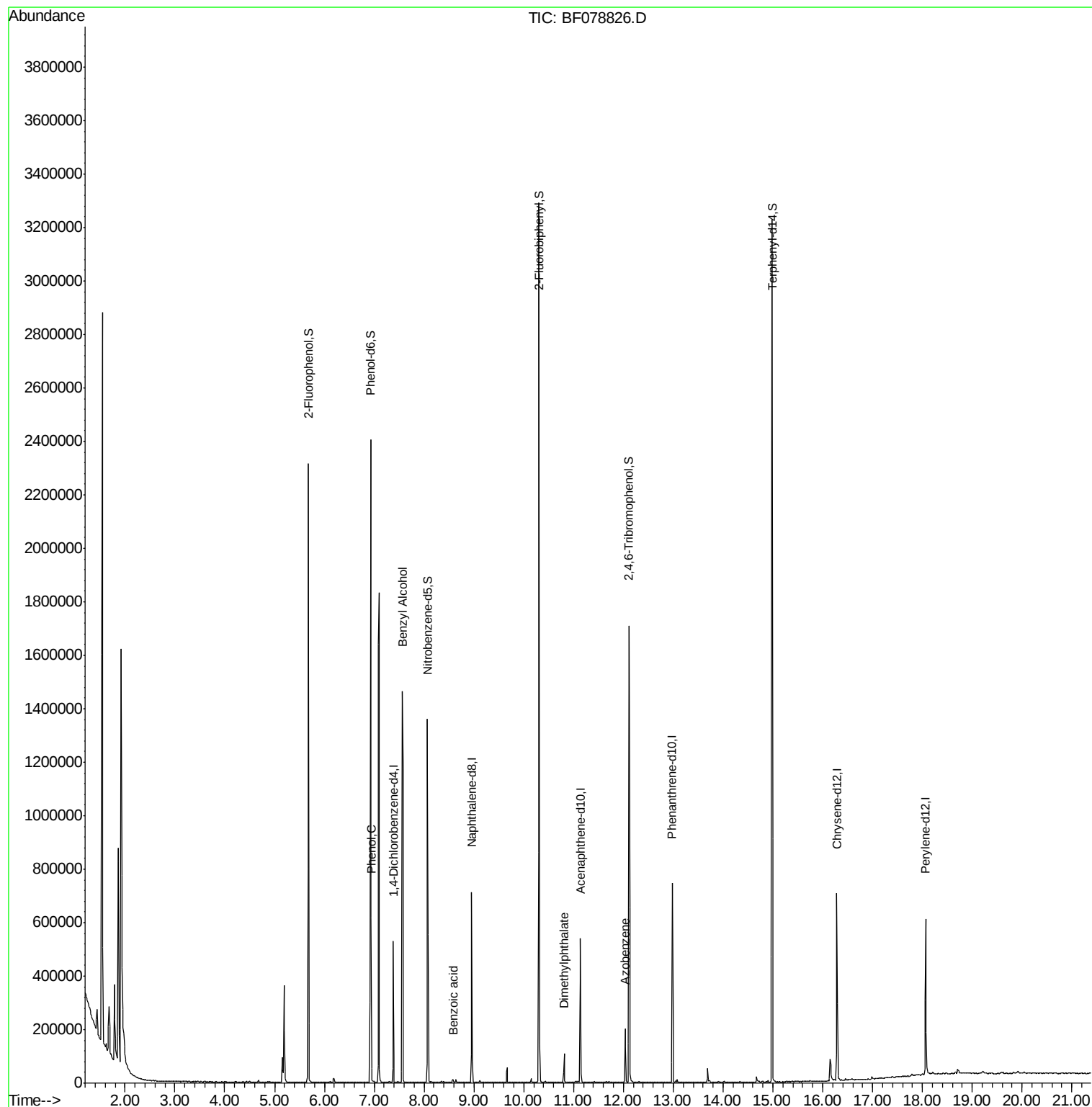
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	74509	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	300317	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	139159	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	275606	20.00	ng	0.00
75) Chrysene-d12	16.29	240	281792	20.00	ng	-0.01
86) Perylene-d12	18.07	264	282112	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	654816	161.42	ng	0.00
7) Phenol-d6	6.92	99	803825	148.36	ng	0.00
23) Nitrobenzene-d5	8.07	82	454708	109.01	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	220263	158.02	ng	-0.01
44) 2-Fluorobiphenyl	10.31	172	991991	97.62	ng	0.00
78) Terphenyl-d14	14.98	244	1086513	91.82	ng	0.00
Target Compounds						
10) Phenol	6.94	94	23780	3.71	ng	# 43
15) Benzyl Alcohol	7.56	79	8850	2.19	ng	# 42
32) Benzoic acid	8.58	122	2777	2.19	ng	91
49) Dimethylphthalate	10.81	163	45770	4.63	ng	99
62) Azobenzene	12.03	77	51794	5.16	ng	# 9

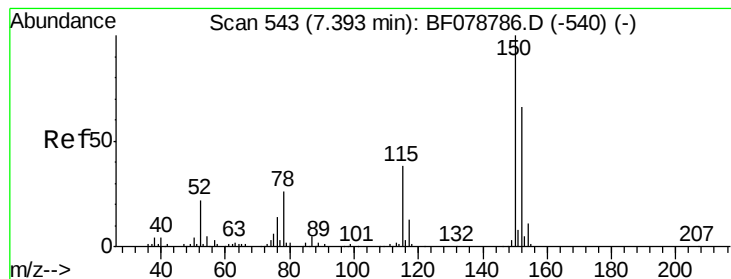
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 00:55:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

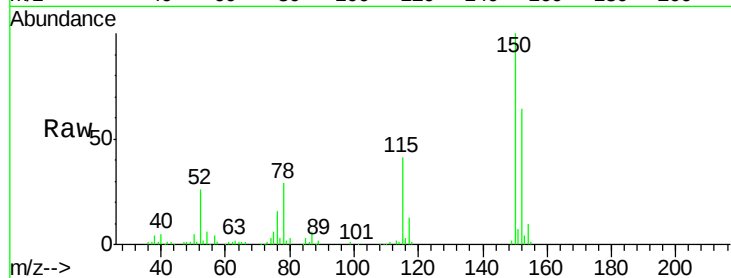
Tgt Ion:152 Resp: 74509

Ion Ratio Lower Upper

152 100

150 157.2 122.0 183.0

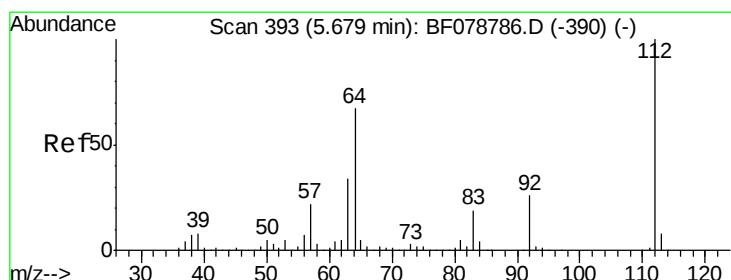
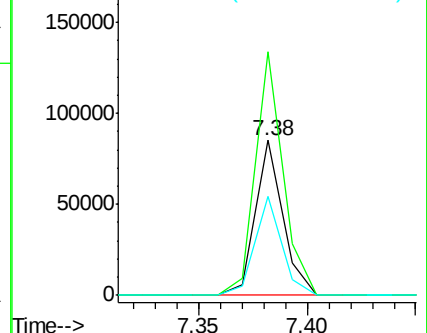
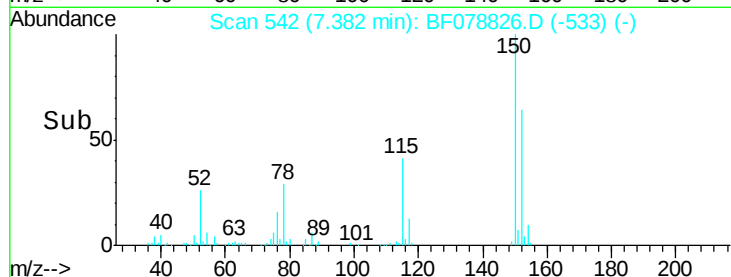
115 64.0 46.3 69.5



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: 161.42 ng

RT: 5.68 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

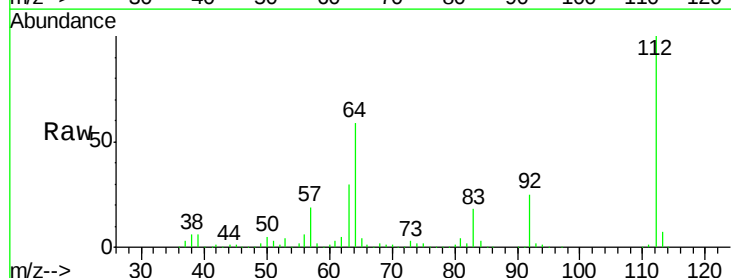
Tgt Ion:112 Resp: 654816

Ion Ratio Lower Upper

112 100

64 59.1 53.5 80.3

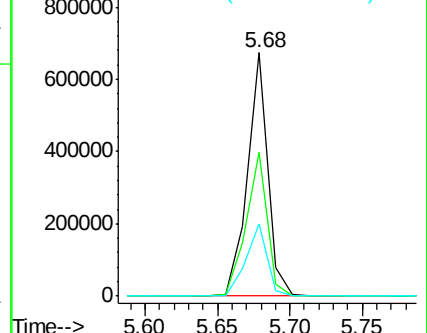
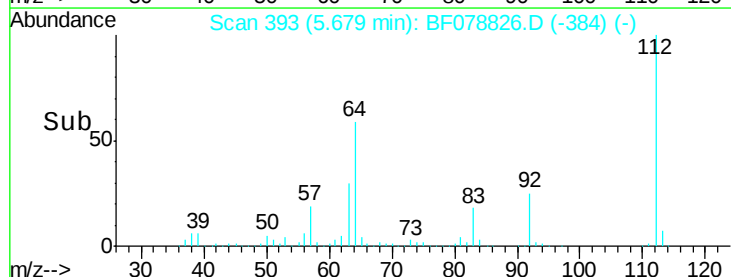
63 29.8 27.5 41.3

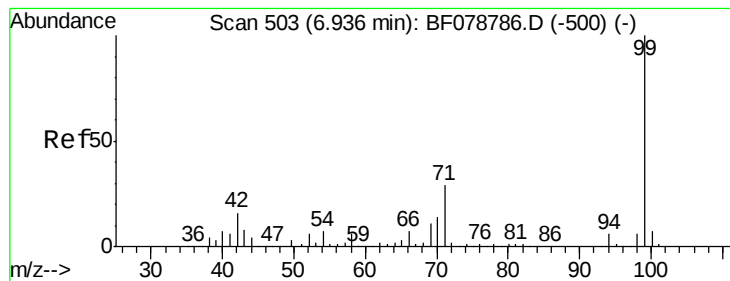


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 148.36 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

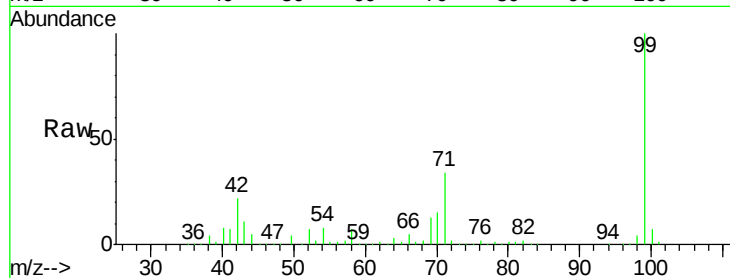
Tgt Ion: 99 Resp: 803825

Ion Ratio Lower Upper

99 100

42 21.6 12.8 19.2#

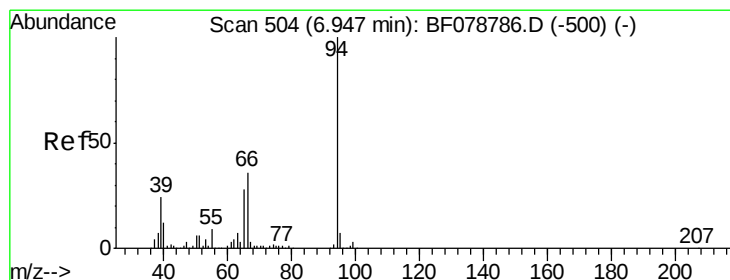
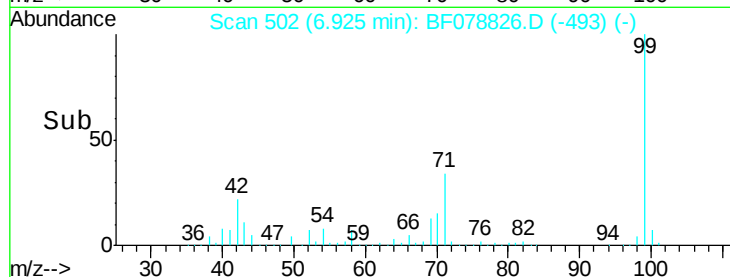
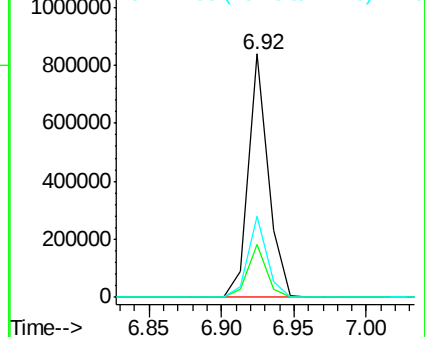
71 33.5 23.4 35.2



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



#10

Phenol

Concen: 3.71 ng

RT: 6.94 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

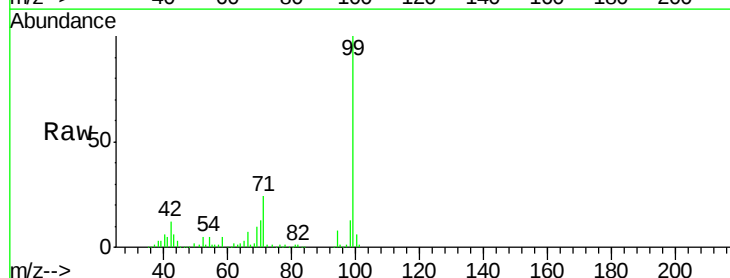
Tgt Ion: 94 Resp: 23780

Ion Ratio Lower Upper

94 100

65 41.0 8.5 48.5

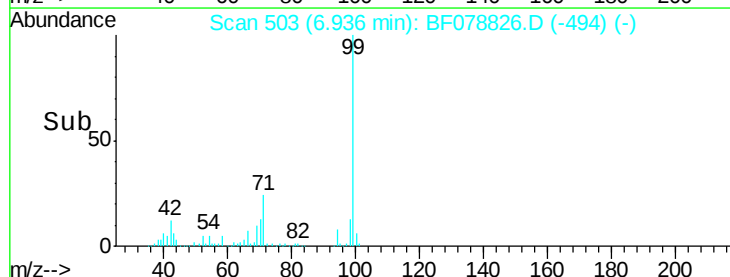
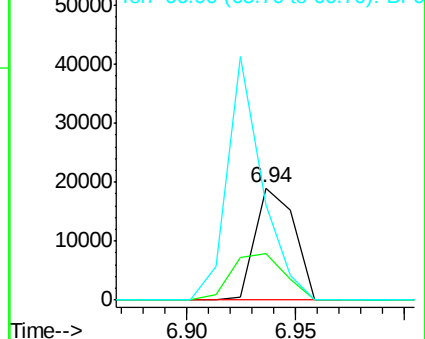
66 84.8 16.0 56.0#

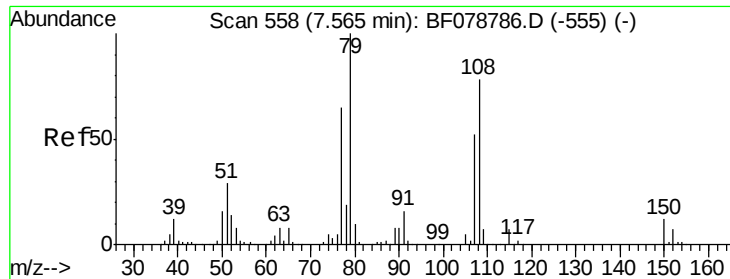


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 7.56 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

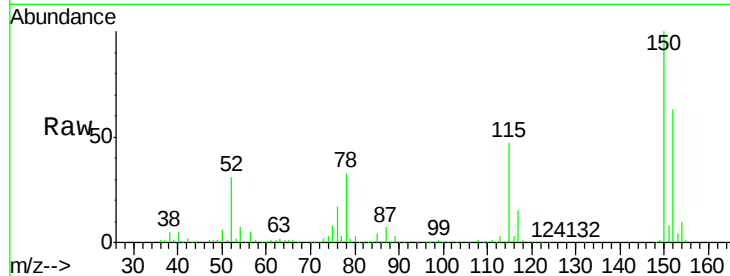
Tgt Ion: 79 Resp: 8850

Ion Ratio Lower Upper

79 100

108 29.5 62.5 93.7#

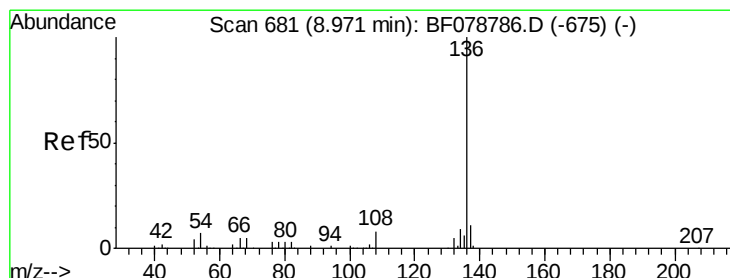
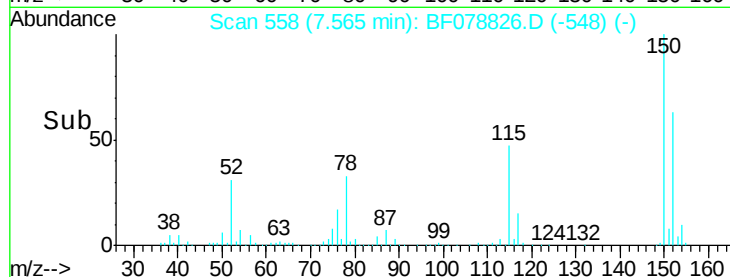
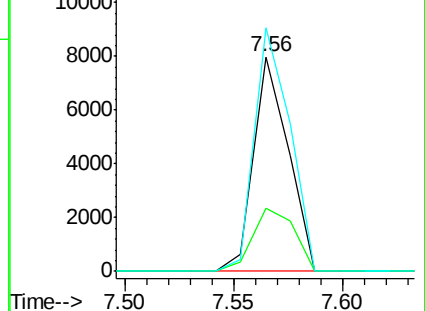
77 113.6 52.2 78.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

Tgt Ion: 136 Resp: 300317

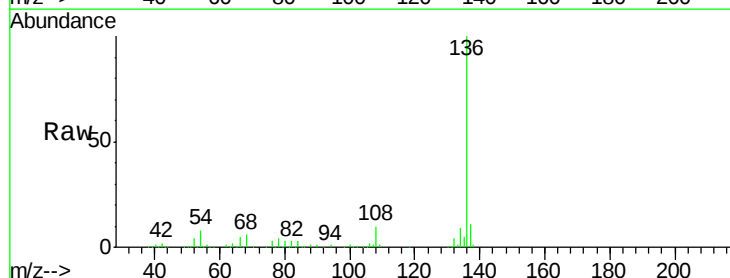
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.9 5.8 8.8

68 6.2 4.2 6.4

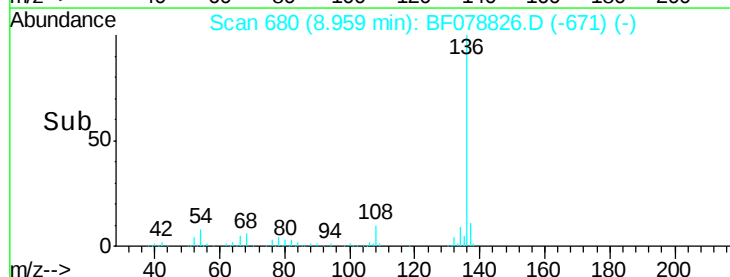
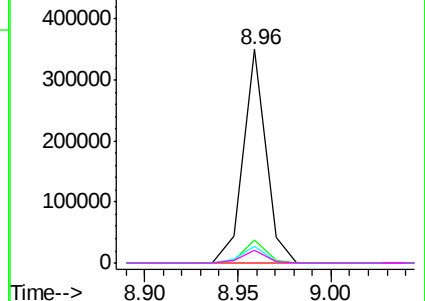


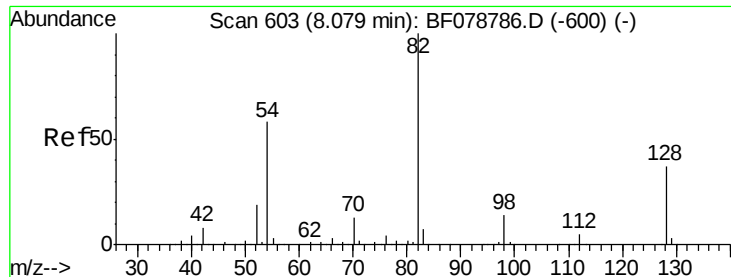
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

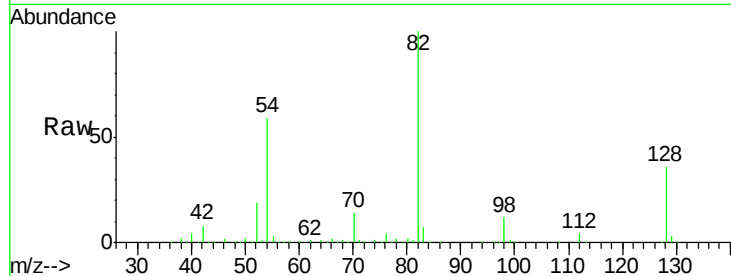




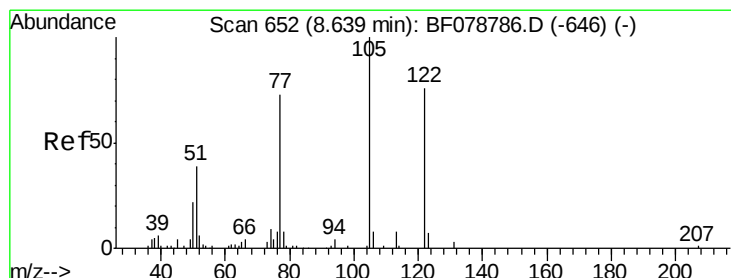
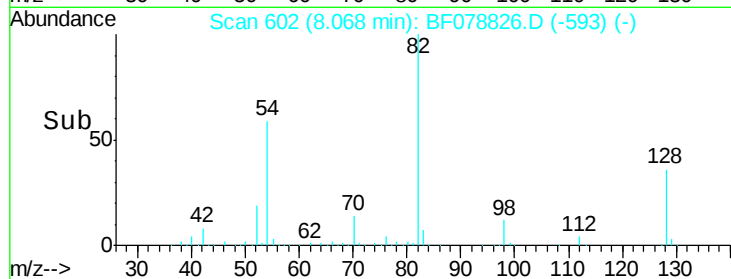
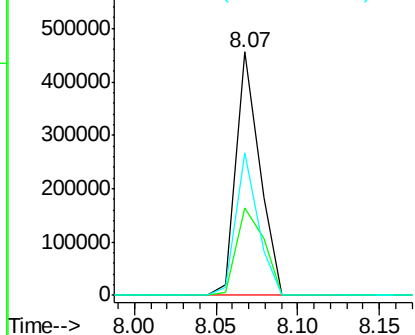
#23
 Nitrobenzene-d5
 Concen: 109.01 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF078826.D
 Acq: 29 Apr 2015 21:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-G1-G2-G3-G4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.9	30.0	45.0
54	58.6	46.4	69.6

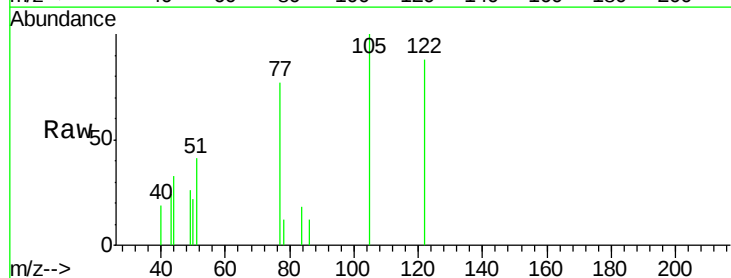


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

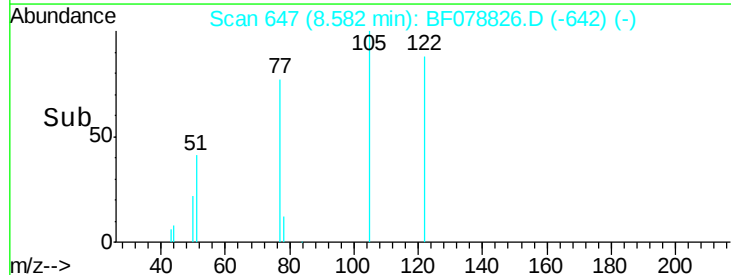
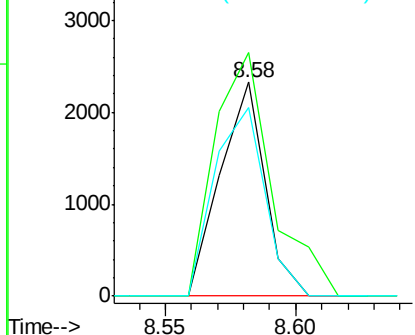


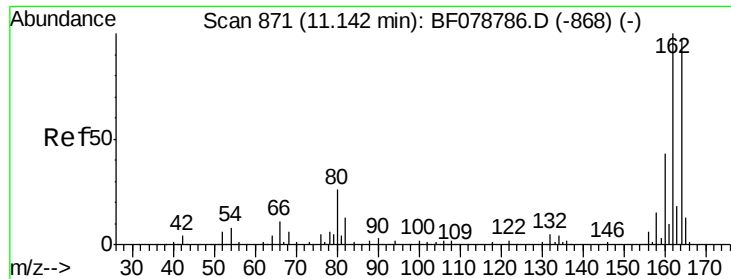
#32
 Benzoic acid
 Concen: 2.19 ng
 RT: 8.58 min Scan# 647
 Delta R.T. -0.05 min
 Lab File: BF078826.D
 Acq: 29 Apr 2015 21:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.8	107.1	147.1
77	88.1	73.9	113.9



Abundance Ion 122.00 (121.70 to 122.70): BF0
 Ion 105.00 (104.70 to 105.70): BF0
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

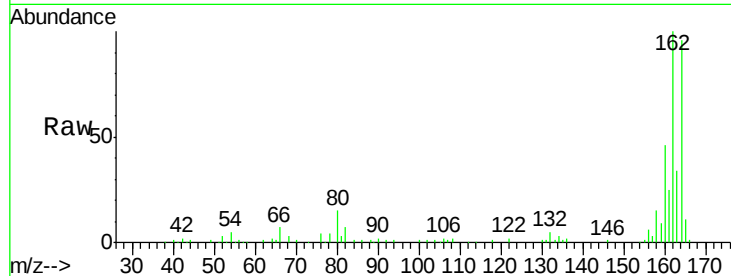
Tgt Ion:164 Resp: 139159

Ion Ratio Lower Upper

164 100

162 104.7 82.7 124.1

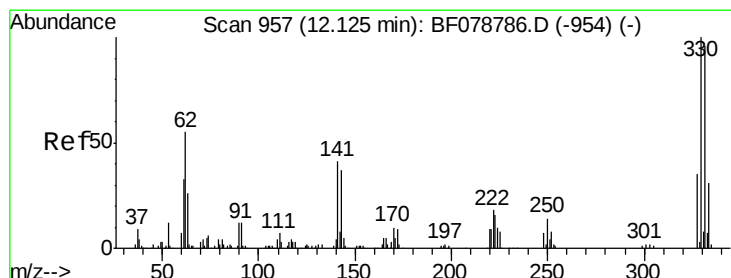
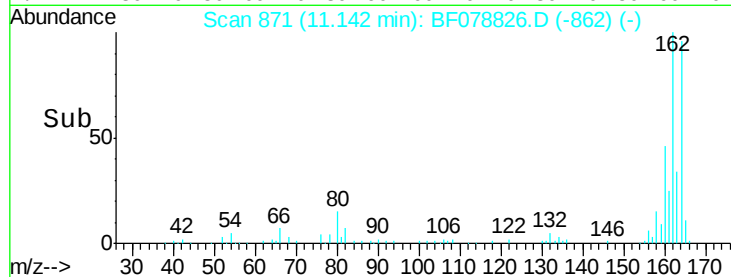
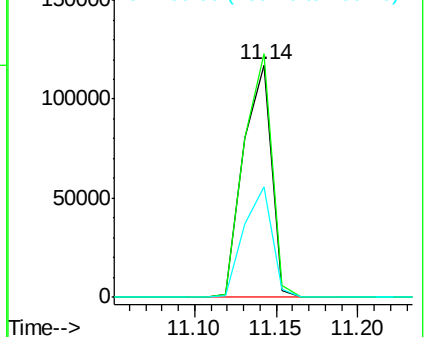
160 47.8 35.8 53.8



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: 158.02 ng

RT: 12.11 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

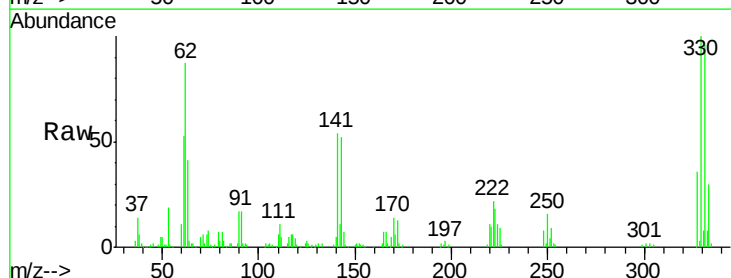
Tgt Ion:330 Resp: 220263

Ion Ratio Lower Upper

330 100

332 97.7 0.0 0.0#

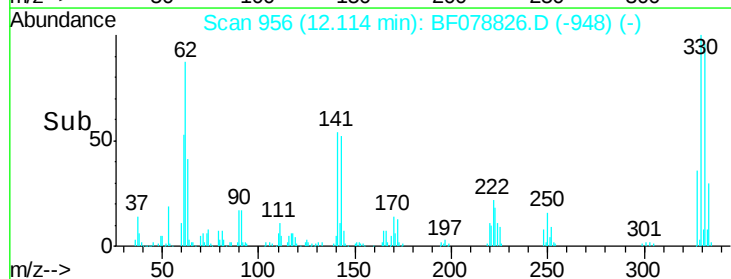
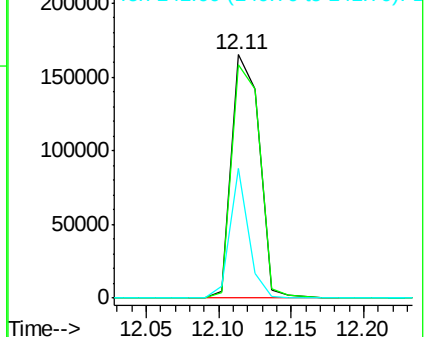
141 35.9 0.0 0.0#

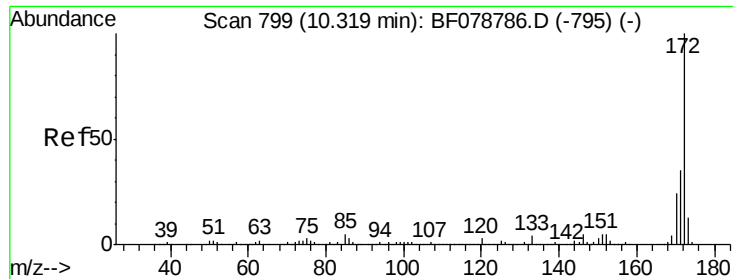


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

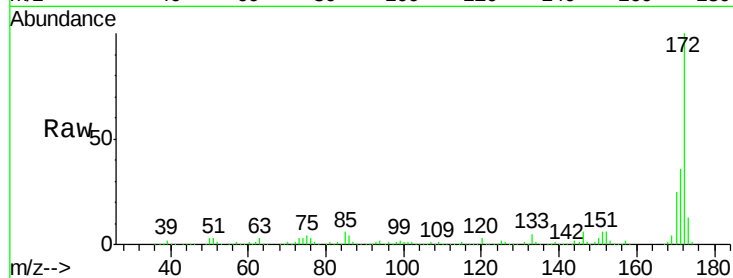




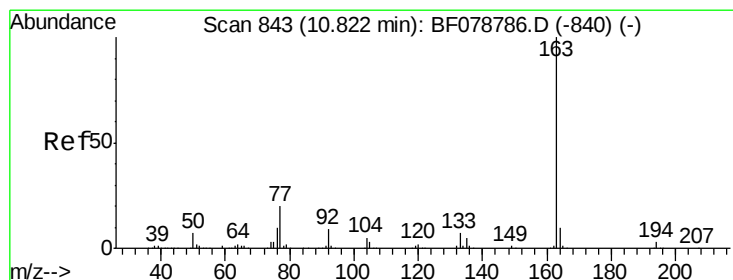
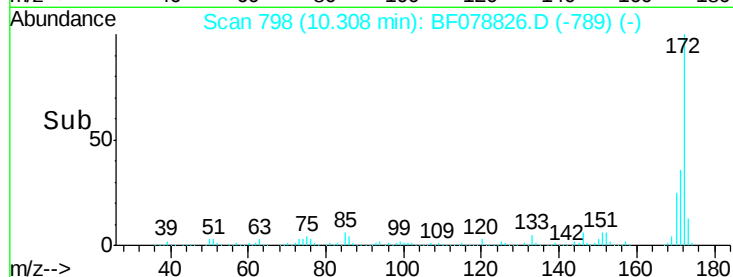
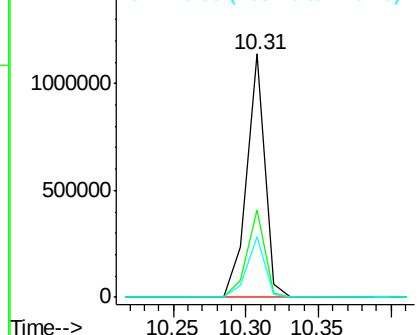
#44
2-Fluorobiphenyl
Concen: 97.62 ng
RT: 10.31 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF078826.D
Acq: 29 Apr 2015 21:20

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-G1-G2-G3-G4

Tgt Ion:172 Resp: 991991
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 24.7 19.4 29.0

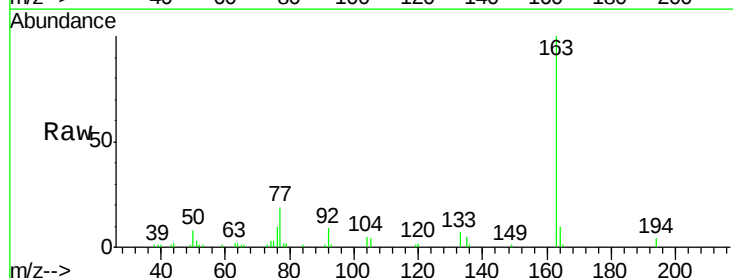


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

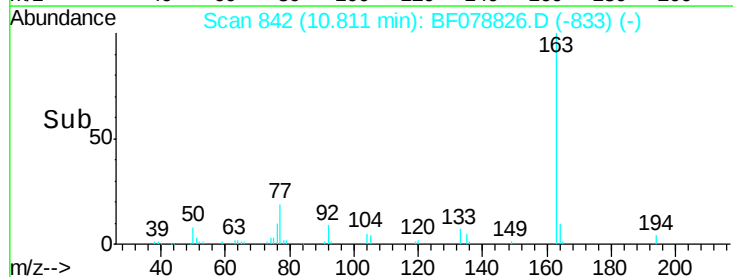
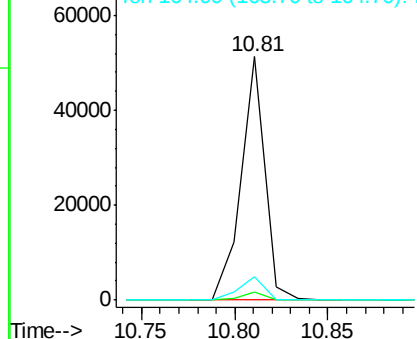


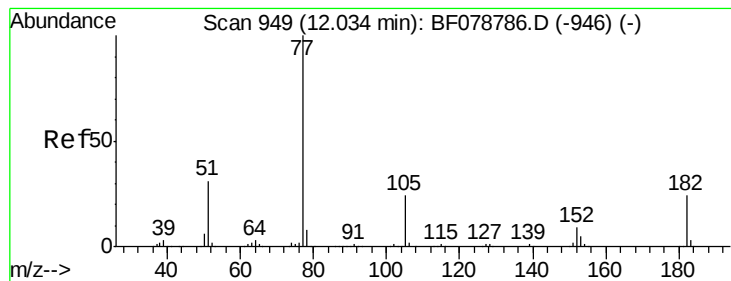
#49
Dimethylphthalate
Concen: 4.63 ng
RT: 10.81 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF078826.D
Acq: 29 Apr 2015 21:20

Tgt Ion:163 Resp: 45770
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.8 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





#62

Azobenzene

Concen: 5.16 ng

RT: 12.03 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

Tgt Ion: 77 Resp: 51794

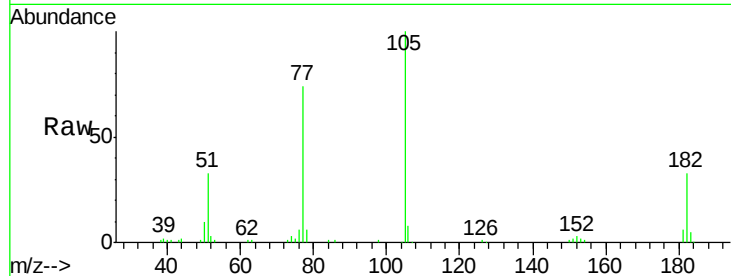
Ion Ratio Lower Upper

77 100

182 44.9 3.8 43.8#

105 134.6 3.9 43.9#

51 44.7 10.8 50.8

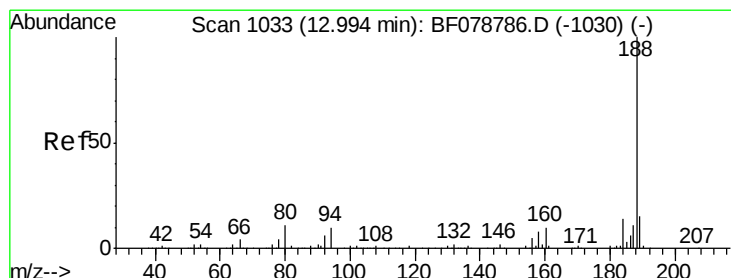
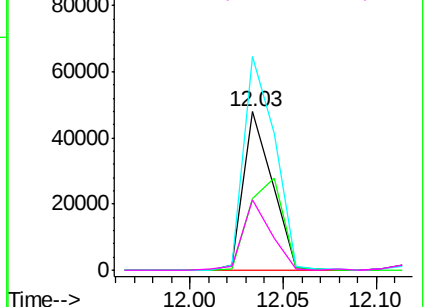
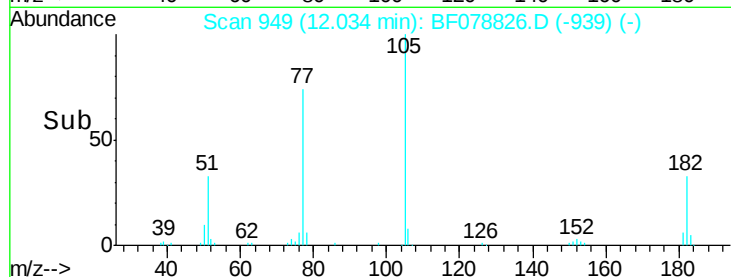


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.98 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

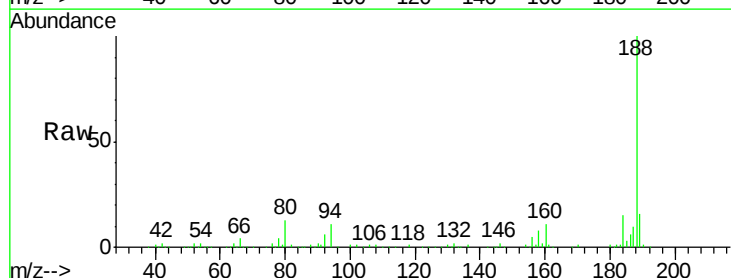
Tgt Ion: 188 Resp: 275606

Ion Ratio Lower Upper

188 100

94 11.0 8.2 12.2

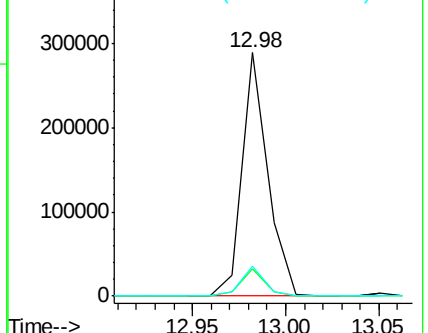
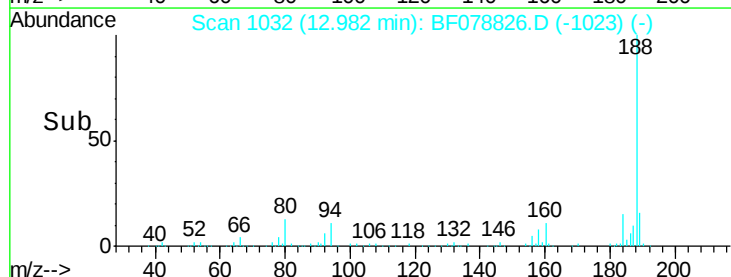
80 12.5 8.9 13.3

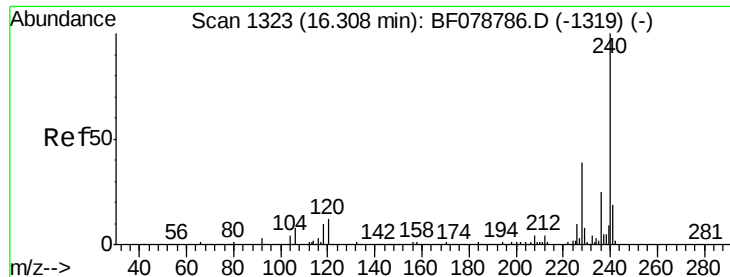


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

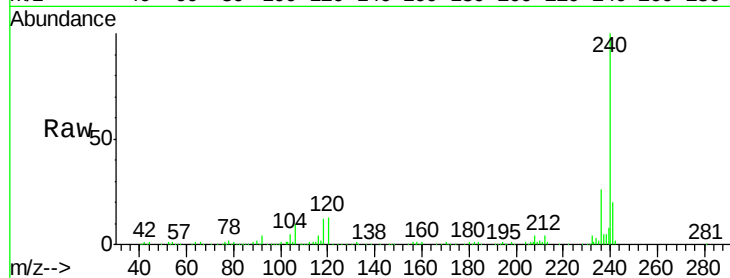
Tgt Ion:240 Resp: 281792

Ion Ratio Lower Upper

240 100

120 13.5 9.7 14.5

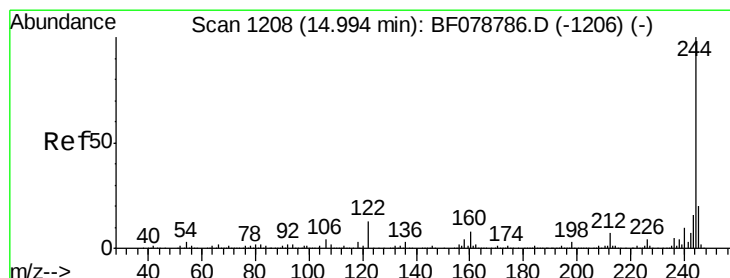
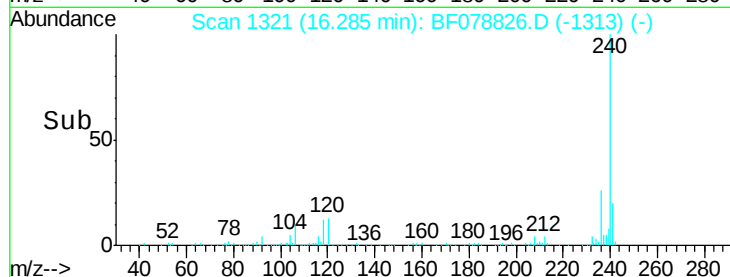
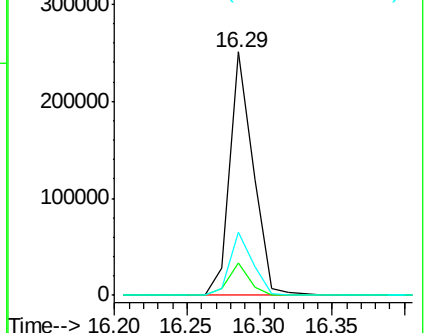
236 25.7 20.2 30.4



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: 91.82 ng

RT: 14.98 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

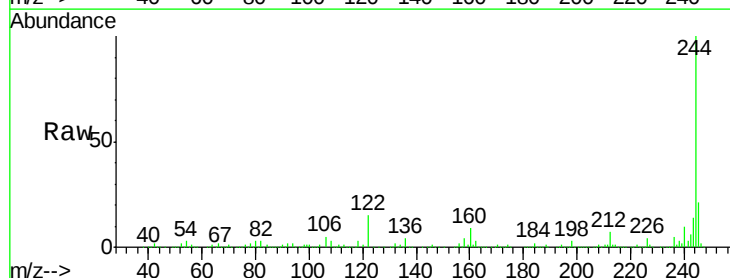
Tgt Ion:244 Resp: 1086513

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

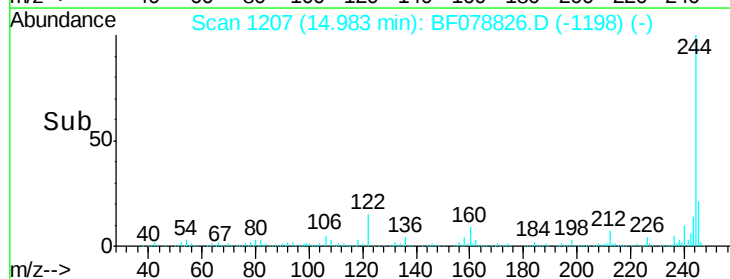
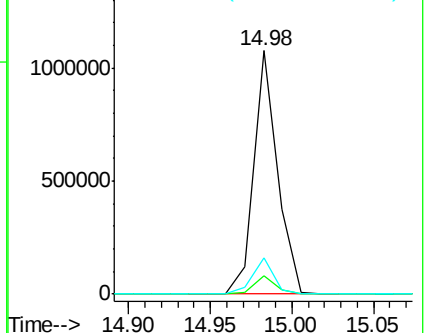
122 14.9 10.3 15.5

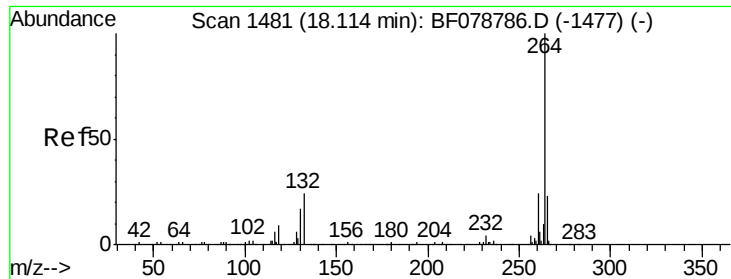


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.07 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF078826.D
Acq: 29 Apr 2015 21:20

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-G1-G2-G3-G4

Tgt Ion: 264 Resp: 282112
Ion Ratio Lower Upper
264 100
260 23.1 19.4 29.2
265 21.3 18.3 27.5

