

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077343.D
 Acq On : 18 Feb 2015 5:31
 Operator : TP/IZ
 Sample : G1302-04
 Misc : W
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-02A

Quant Time: Feb 18 12:13:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 09:51:00 2015
 Response via : Initial Calibration

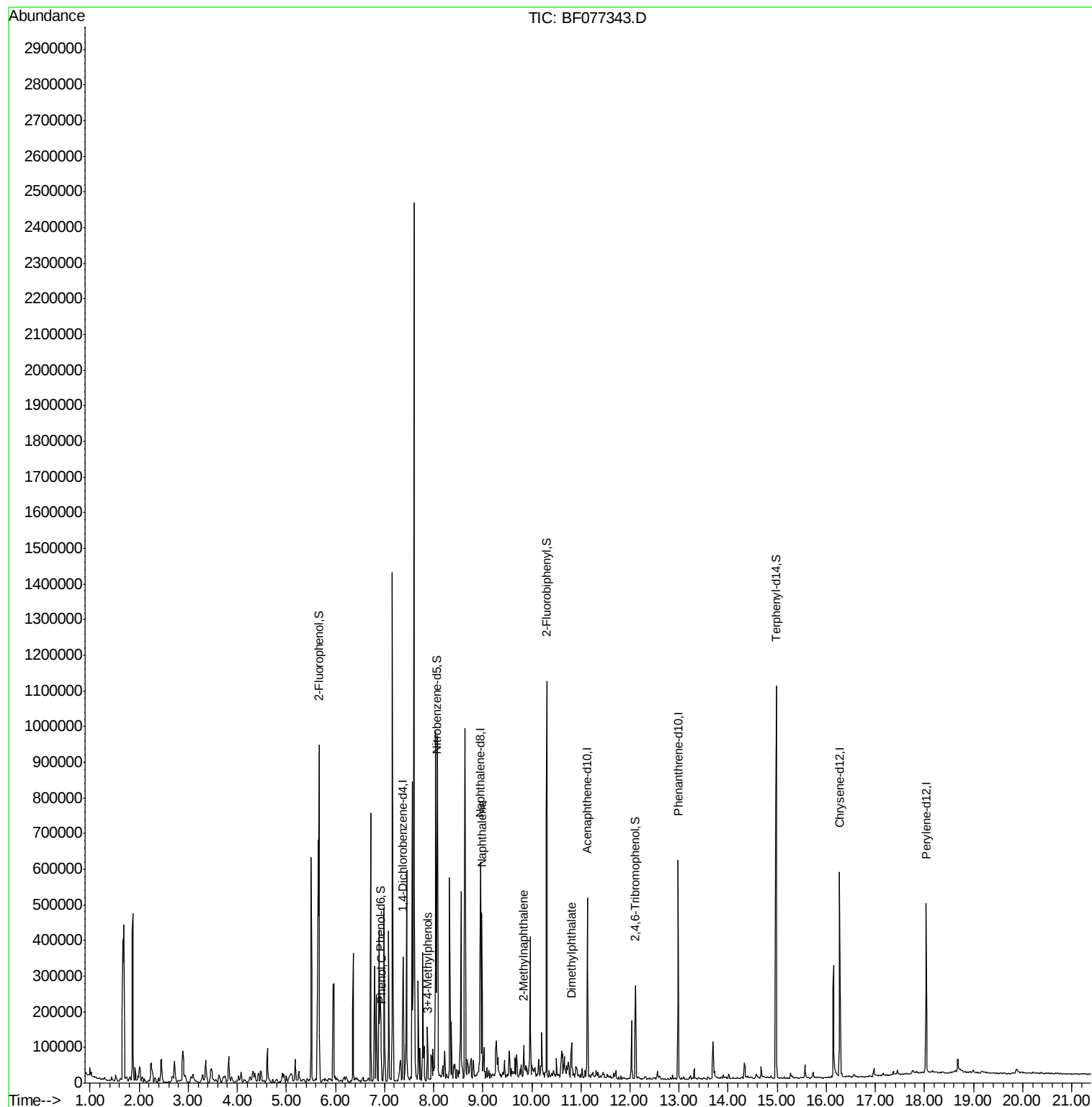
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	57774	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	241080	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	121321	20.00	ng	-0.01
63) Phenanthrene-d10	12.98	188	242112	20.00	ng	0.00
75) Chrysene-d12	16.27	240	232241	20.00	ng	0.00
86) Perylene-d12	18.03	264	225892	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	49565	14.66	ng	0.00
7) Phenol-d6	6.91	99	90295	20.45	ng	-0.01
23) Nitrobenzene-d5	8.06	82	184090	52.88	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	34478	31.48	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	443858	55.15	ng	0.00
78) Terphenyl-d14	14.98	244	471484	46.16	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.93	94	26293	5.12	ng	92
20) 3+4-Methylphenols	7.88	107	21528	5.24	ng	# 46
31) Naphthalene	8.98	128	192368	15.95	ng	99
37) 2-Methylnaphthalene	9.84	142	23845	2.75	ng	# 97
49) Dimethylphthalate	10.81	163	50570	6.06	ng	99

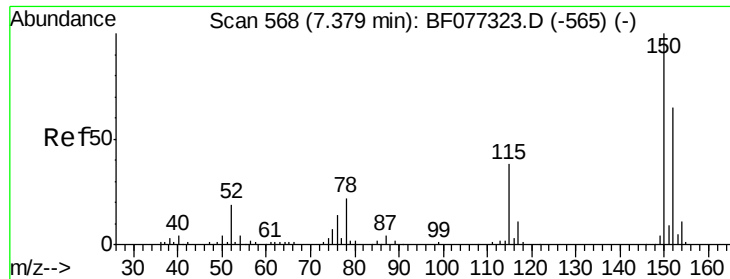
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

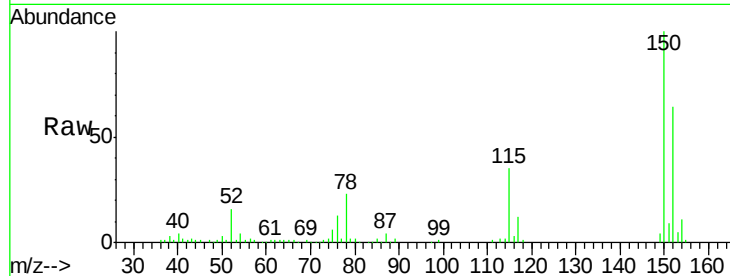
Tgt Ion:152 Resp: 57774

Ion Ratio Lower Upper

152 100

150 155.7 123.1 184.7

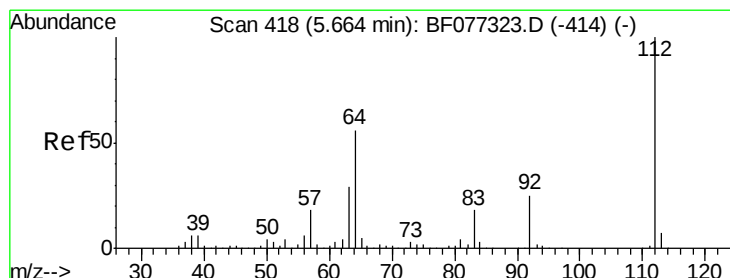
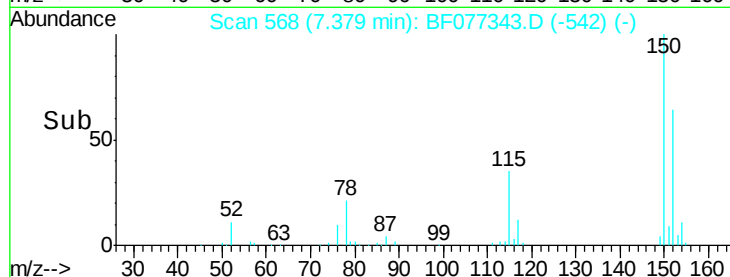
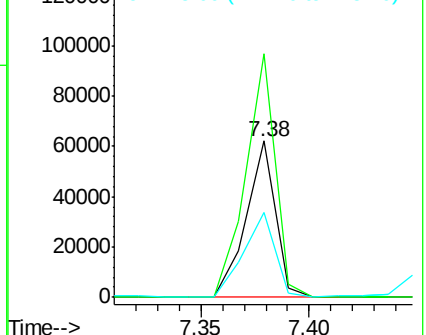
115 54.3 46.2 69.4



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: 14.66 ng

RT: 5.66 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

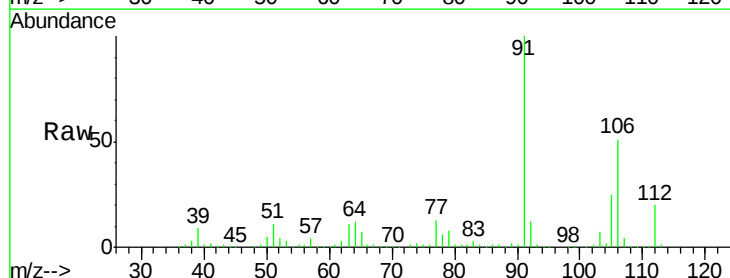
Tgt Ion:112 Resp: 49565

Ion Ratio Lower Upper

112 100

64 60.6 44.7 67.1

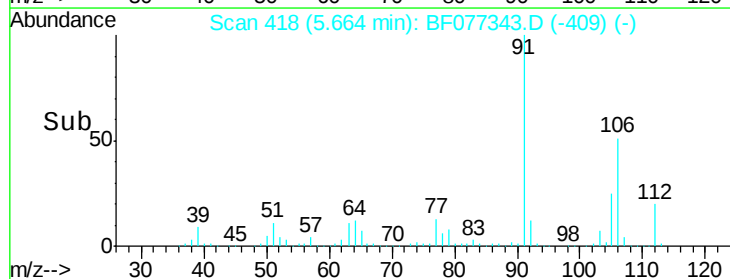
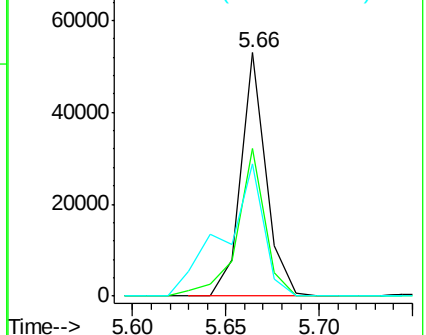
63 54.2 23.3 34.9#

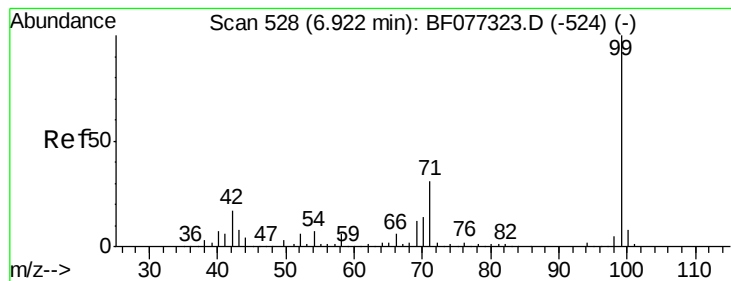


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.45 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

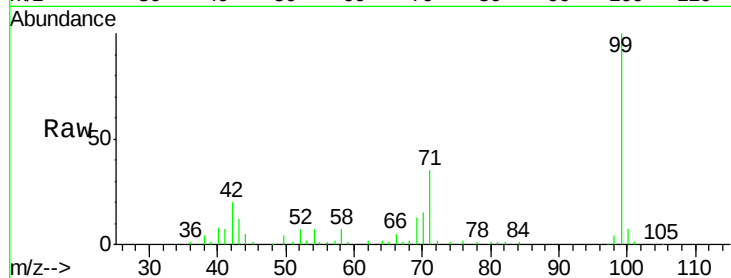
Tgt Ion: 99 Resp: 90295

Ion Ratio Lower Upper

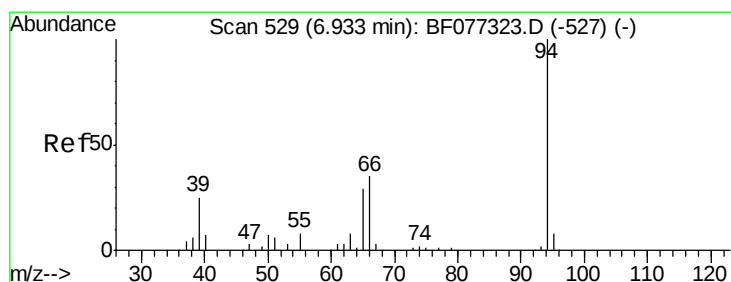
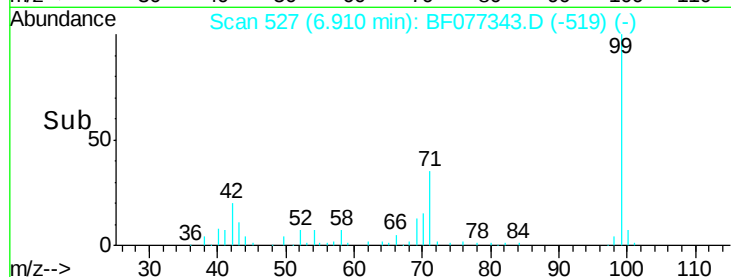
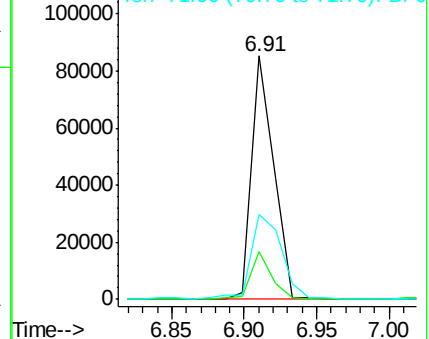
99 100

42 19.7 13.8 20.6

71 34.9 24.6 37.0



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: 5.12 ng

RT: 6.93 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

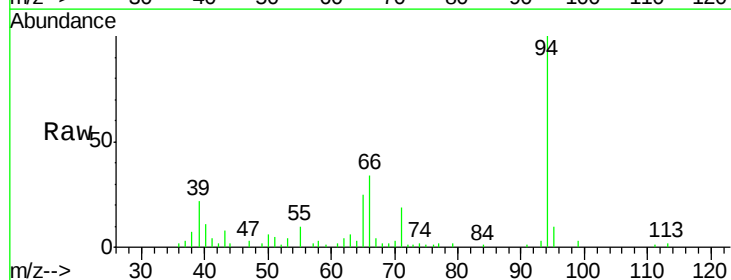
Tgt Ion: 94 Resp: 26293

Ion Ratio Lower Upper

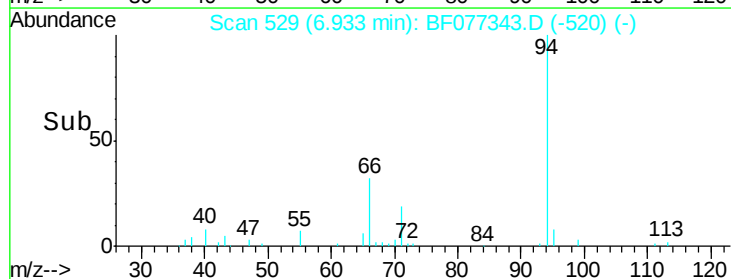
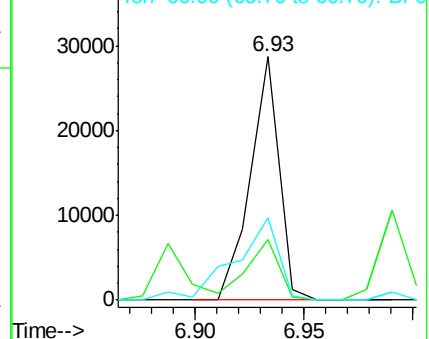
94 100

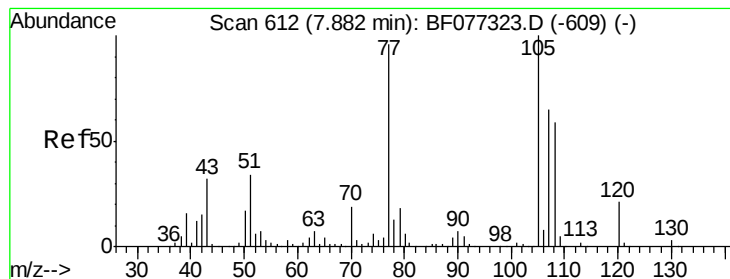
65 25.1 9.3 49.3

66 33.7 18.3 58.3



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





#20

3+4-Methylphenols

Concen: 5.24 ng

RT: 7.88 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

Tgt Ion:107 Resp: 21528

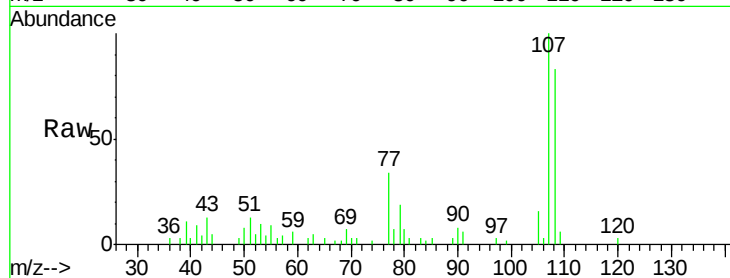
Ion Ratio Lower Upper

107 100

108 82.7 70.6 110.6

77 34.1 126.5 166.5#

79 18.7 8.3 48.3

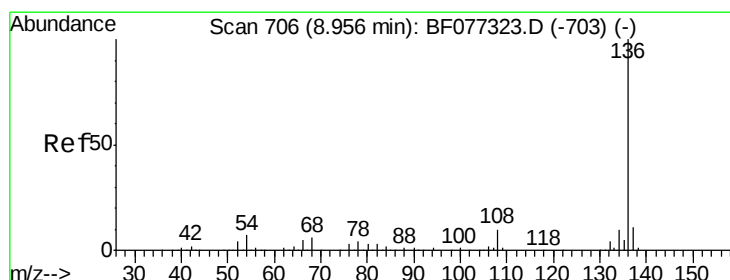
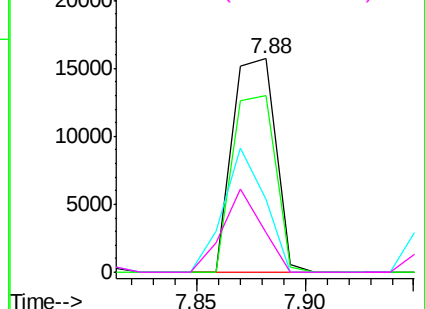
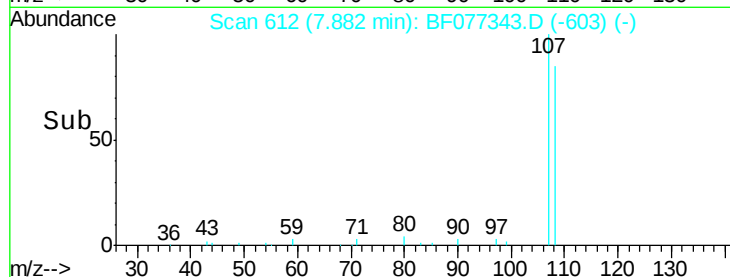


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

Tgt Ion:136 Resp: 241080

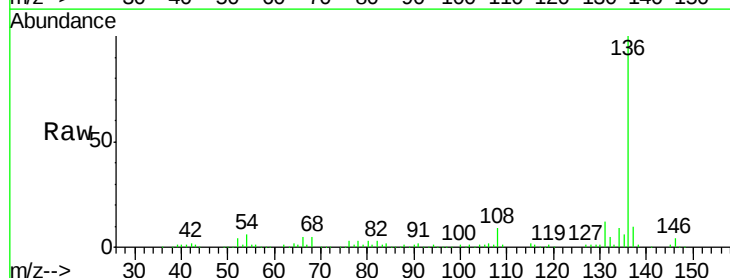
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.5 5.8 8.6

68 5.4 4.6 6.8

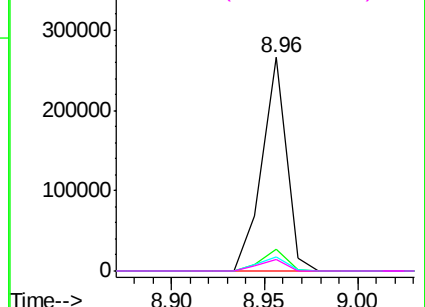
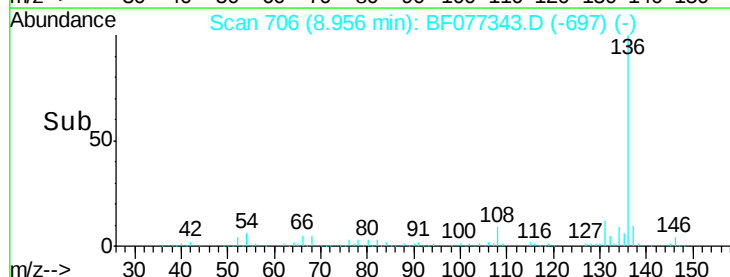


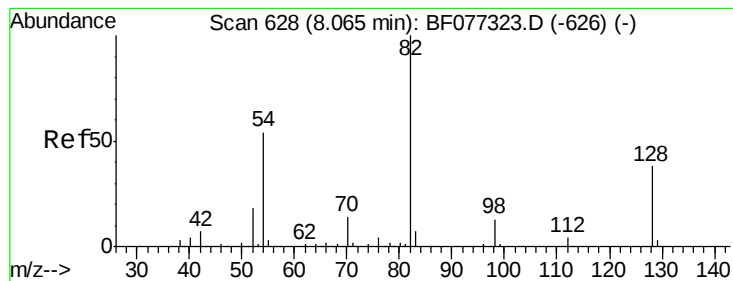
Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.88 ng

RT: 8.06 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

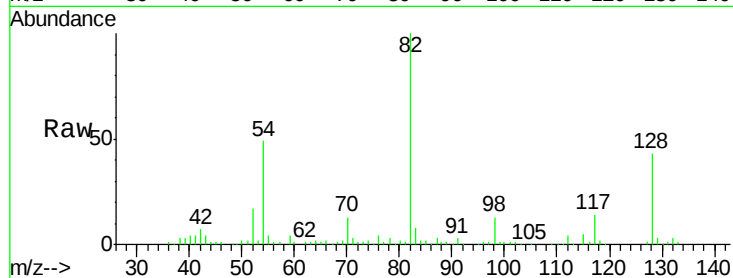
Tgt Ion: 82 Resp: 184090

Ion Ratio Lower Upper

82 100

128 42.9 30.7 46.1

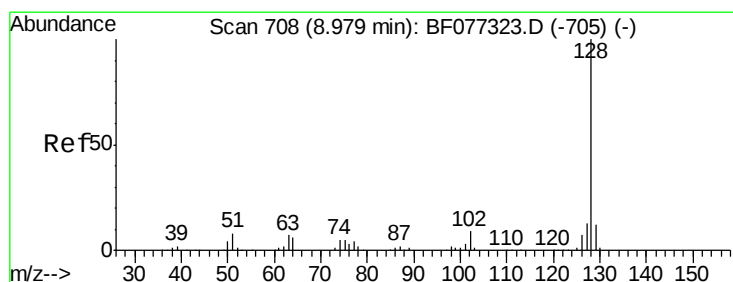
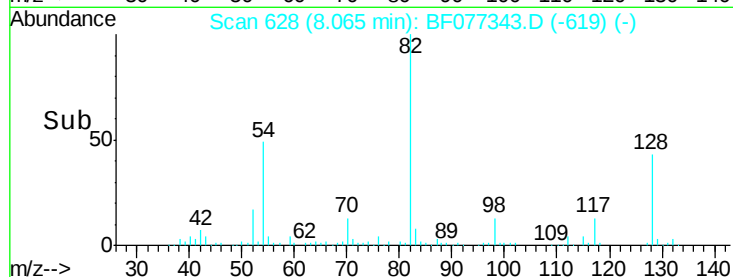
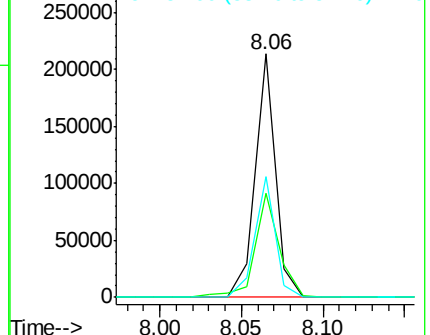
54 49.4 43.1 64.7



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



#31

Naphthalene

Concen: 15.95 ng

RT: 8.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

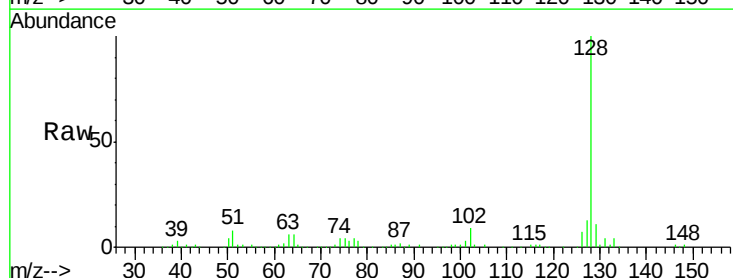
Tgt Ion: 128 Resp: 192368

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

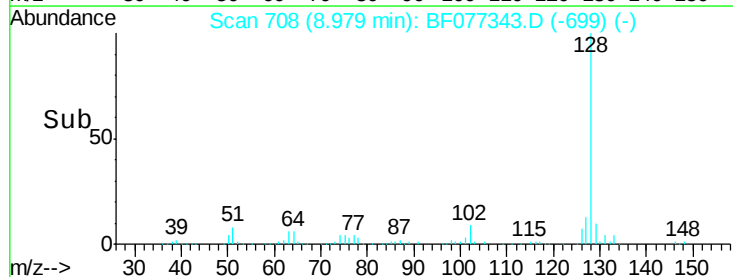
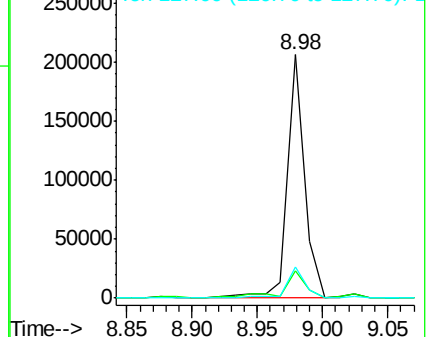
127 13.0 10.5 15.7

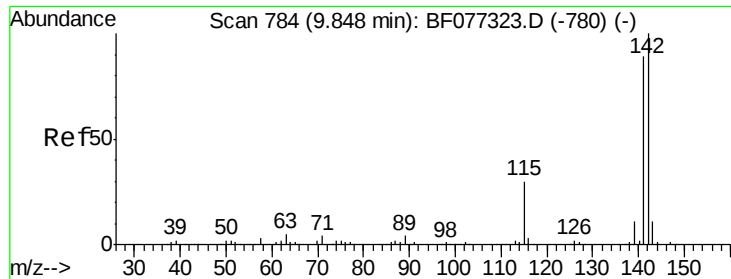


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

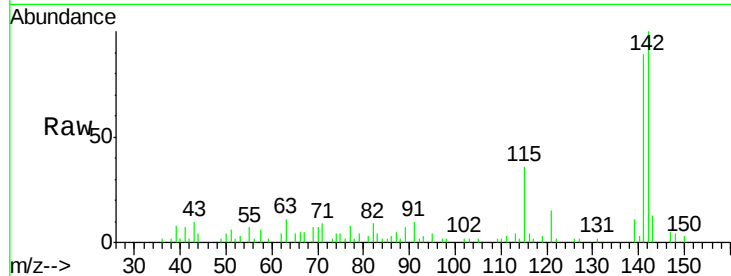




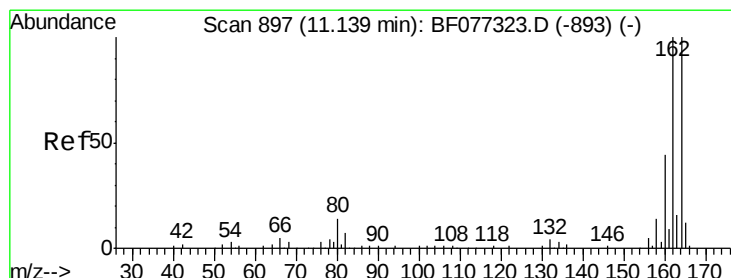
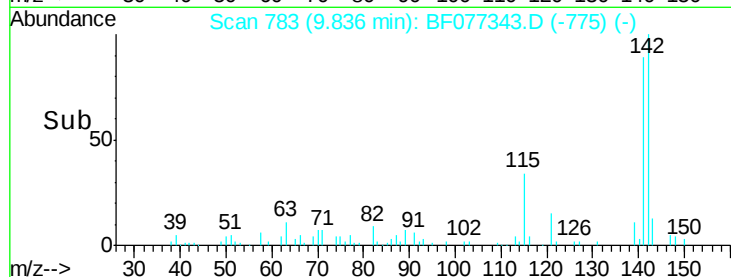
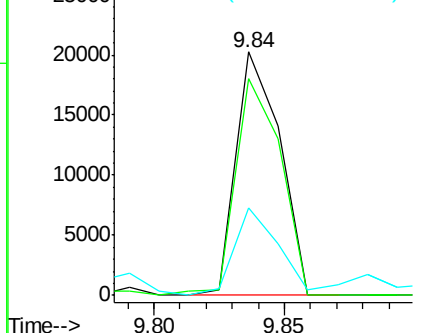
#37
 2-Methylnaphthalene
 Concen: 2.75 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF077343.D
 Acq: 18 Feb 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-02A

Tgt Ion:142 Resp: 23845
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.2 106.8
 115 36.0 23.8 35.8#

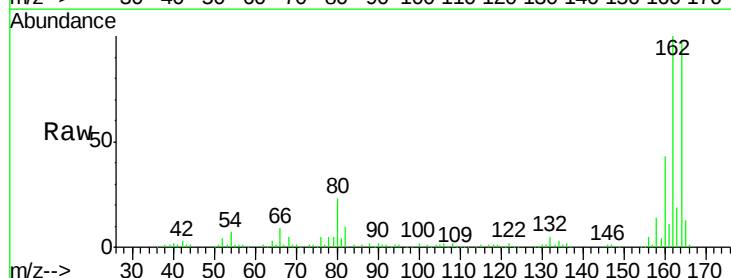


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

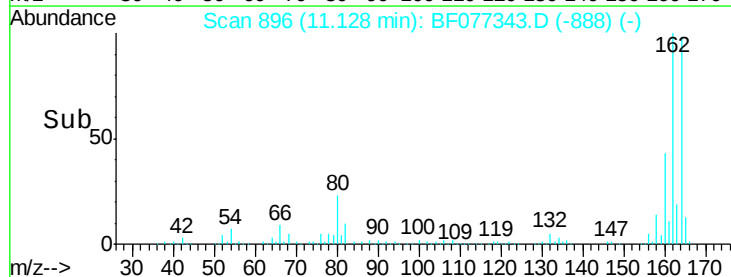
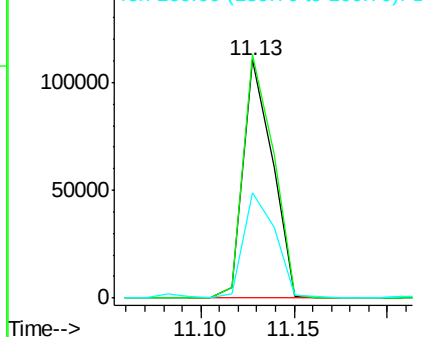


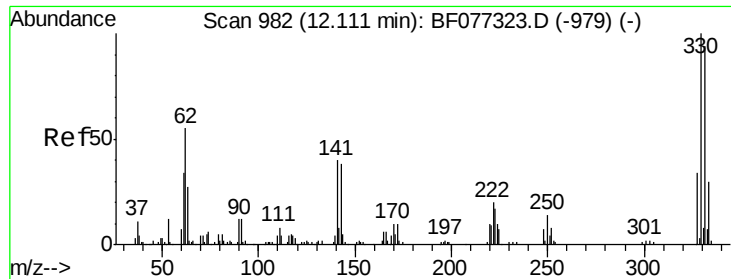
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF077343.D
 Acq: 18 Feb 2015 5:31

Tgt Ion:164 Resp: 121321
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.4 120.6
 160 44.3 35.3 52.9



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

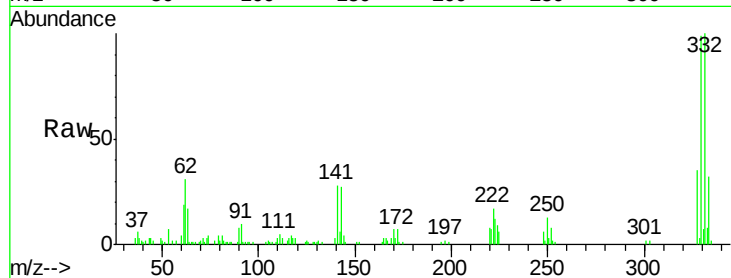




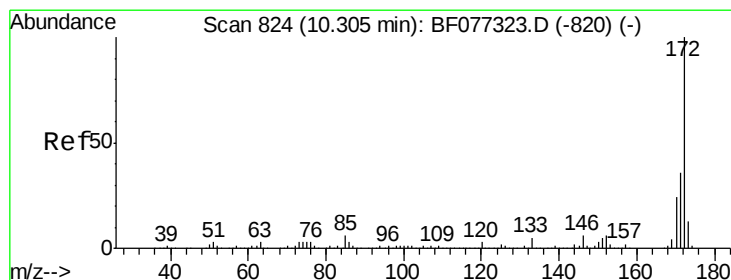
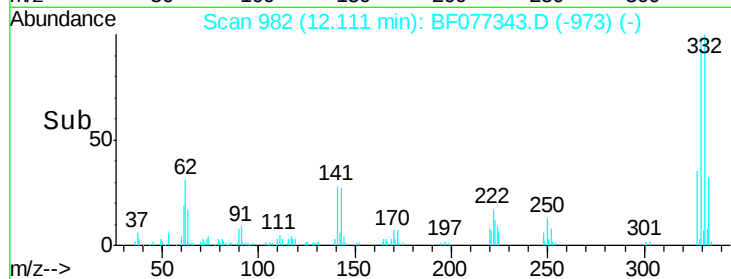
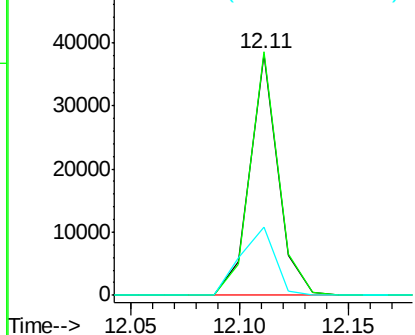
#41
 2,4,6-Tribromophenol
 Concen: 31.48 ng
 RT: 12.11 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF077343.D
 Acq: 18 Feb 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-02A

Tgt Ion:330 Resp: 34478
 Ion Ratio Lower Upper
 330 100
 332 100.4 76.1 114.1
 141 34.5 28.5 42.7

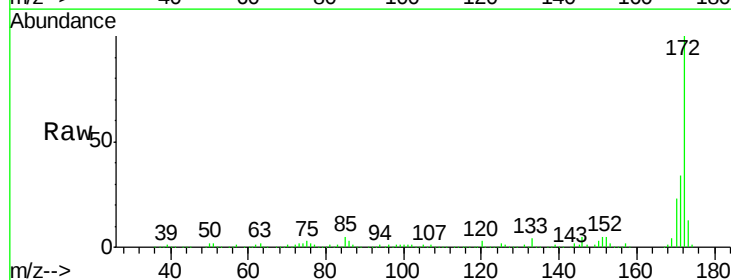


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

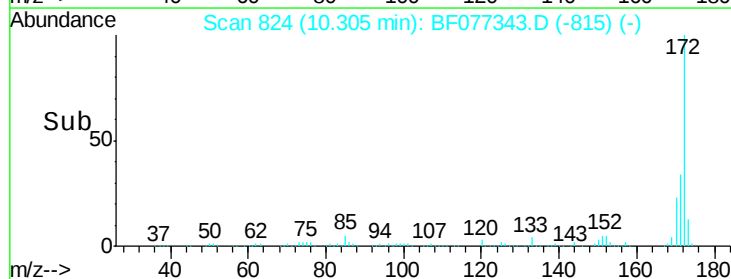
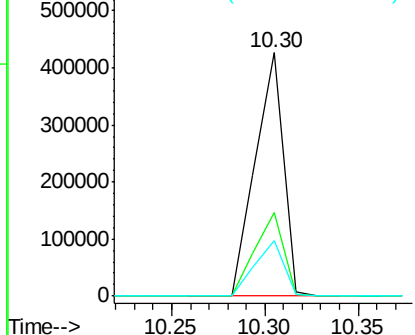


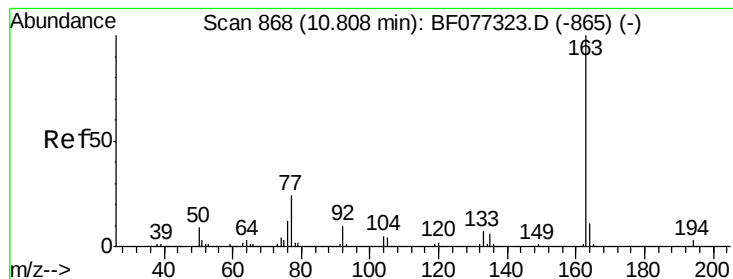
#44
 2-Fluorobiphenyl
 Concen: 55.15 ng
 RT: 10.30 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF077343.D
 Acq: 18 Feb 2015 5:31

Tgt Ion:172 Resp: 443858
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.9 43.3
 170 22.9 19.4 29.2



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: 6.06 ng

RT: 10.81 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

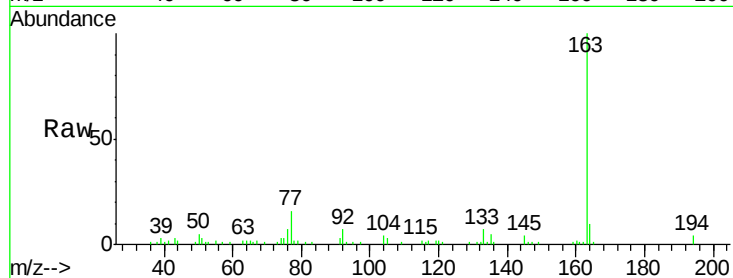
Tgt Ion:163 Resp: 50570

Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

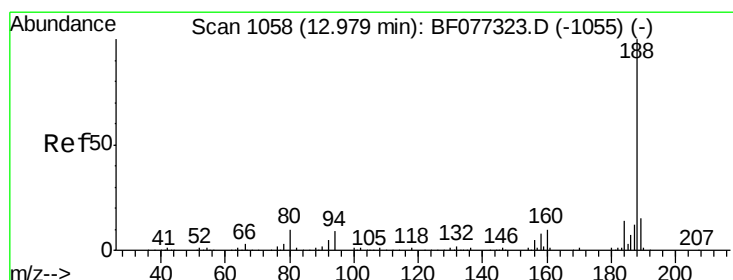
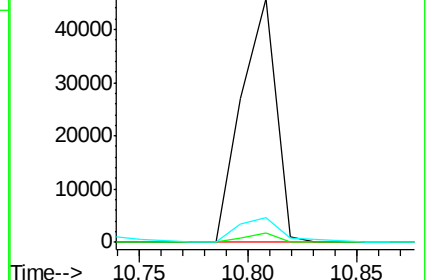
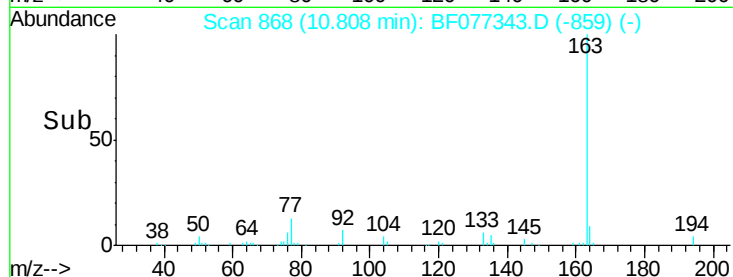
164 10.2 8.4 12.6



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: 12.98 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

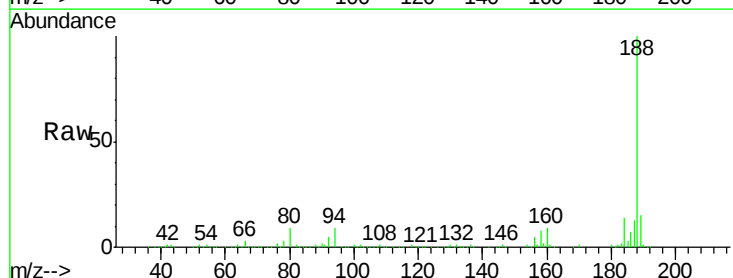
Tgt Ion:188 Resp: 242112

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

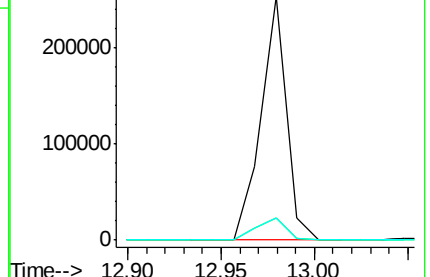
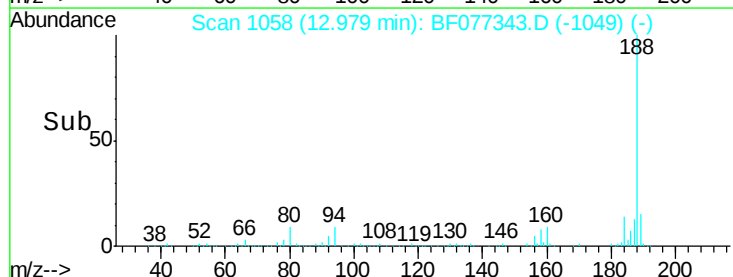
80 8.9 7.8 11.8

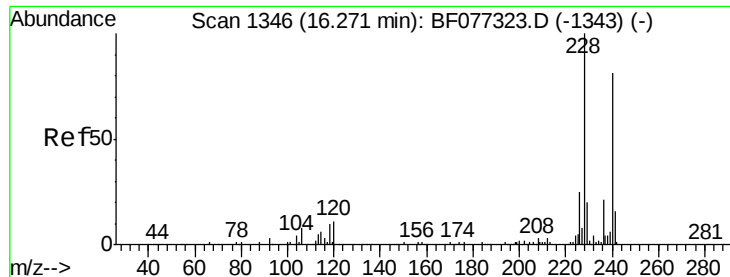


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.27 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

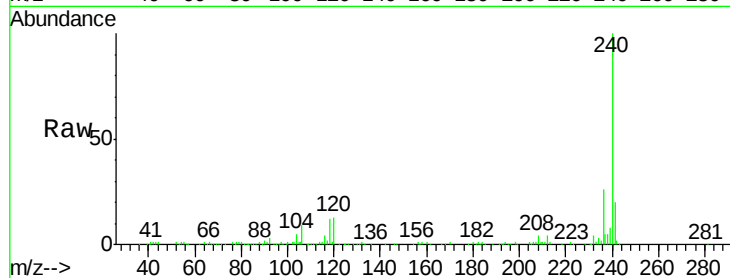
Tgt Ion:240 Resp: 232241

Ion Ratio Lower Upper

240 100

120 13.0 11.3 16.9

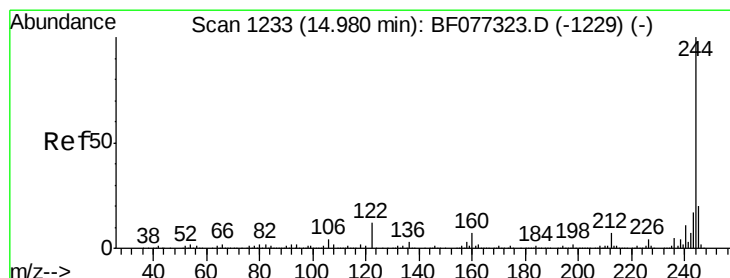
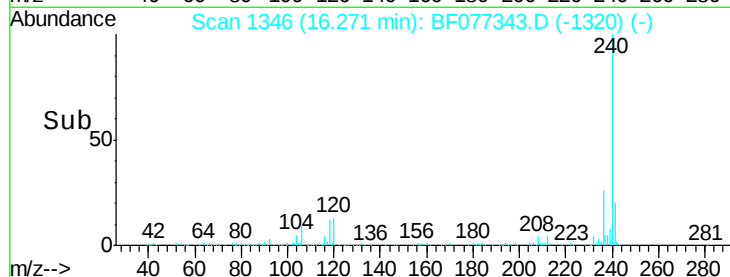
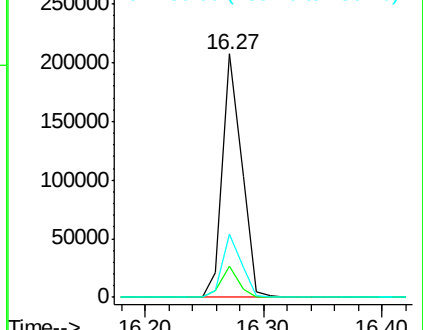
236 25.8 20.3 30.5



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: 46.16 ng

RT: 14.98 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

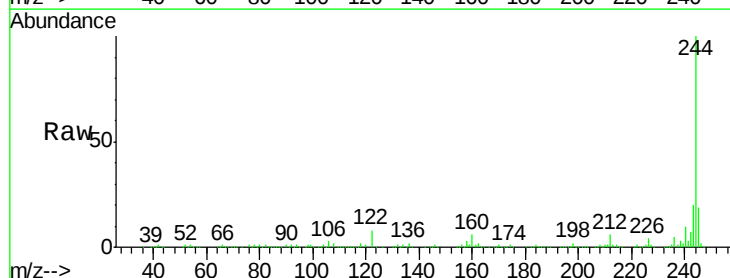
Tgt Ion:244 Resp: 471484

Ion Ratio Lower Upper

244 100

212 5.8 5.4 8.0

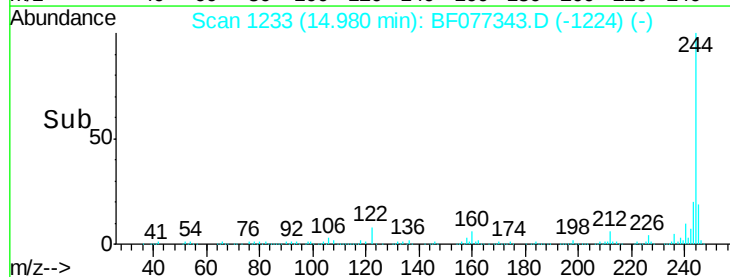
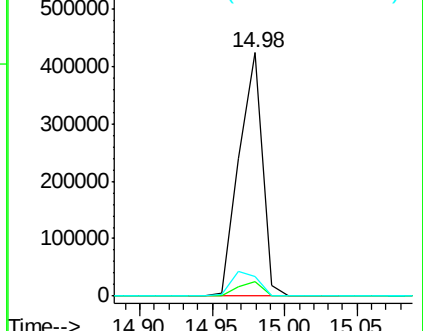
122 8.1 9.3 13.9#

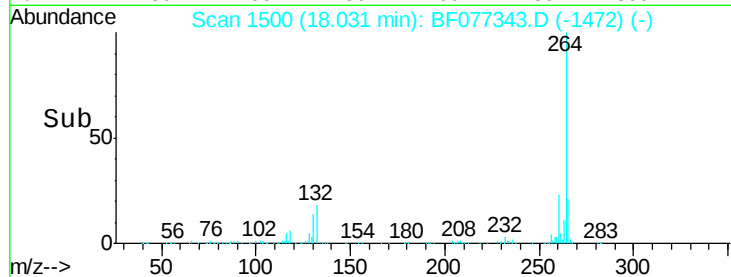
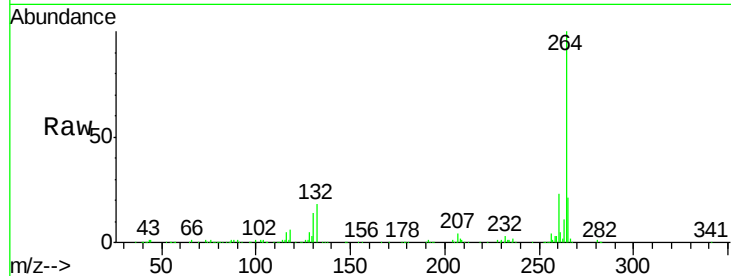
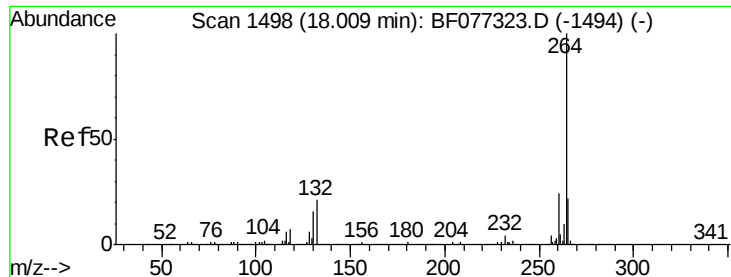


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.03 min Scan# 1500

Delta R.T. 0.02 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

Tgt Ion: 264 Resp: 225892

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 20.9 17.7 26.5

