

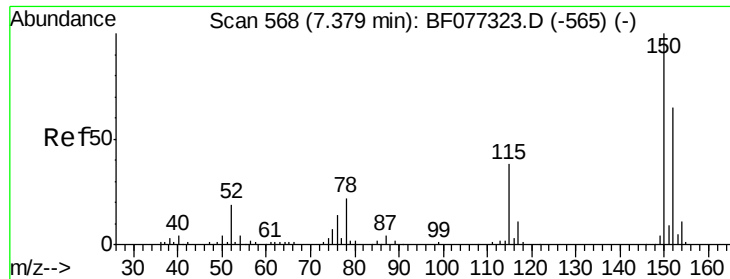
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077343.D
 Acq On : 18 Feb 2015 5:31
 Operator : TP/IZ
 Sample : G1302-04
 Misc : W
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-02A

Quant Time: Feb 18 06:46:10 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 02:50:27 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
9) Benzaldehyde	6.83	77	12971	4.77	ng	# 1
18) Hexachloroethane	8.03	117	78889	52.53	ng	# 28
20) 3+4-Methylphenols	7.88	107	21528	5.24	ng	# 46
22) Acetophenone	7.87	105	41711	7.35	ng	# 59
24) Nitrobenzene	8.08	77	13475	3.59	ng	# 1
31) Naphthalene	8.98	128	192368	15.95	ng	99
32) Benzoic acid	8.67	122	651	3.87	ng	# 84
37) 2-Methylnaphthalene	9.84	142	23845	2.75	ng	# 97
47) 2-Nitroaniline	10.60	65	2547	2.75	ng	# 34
49) Dimethylphthalate	10.81	163	50570	6.06	ng	99
50) 2,6-Dinitrotoluene	10.85	165	753	2.20	ng	# 42
62) Azobenzene	12.03	77	28975	3.37	ng	# 1
83) Bis(2-ethylhexyl)phthalate	16.32	149	3557	Below Cal		# 98

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



#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

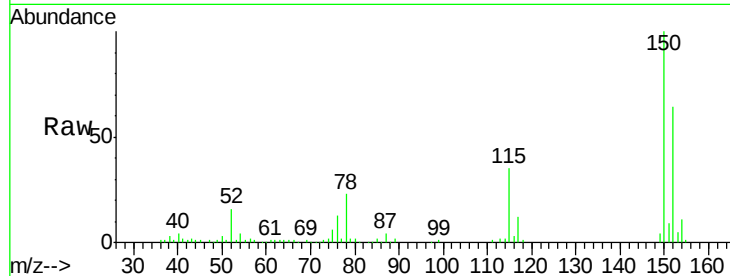
Tgt Ion:152 Resp: 57774

Ion Ratio Lower Upper

152 100

150 155.7 123.1 184.7

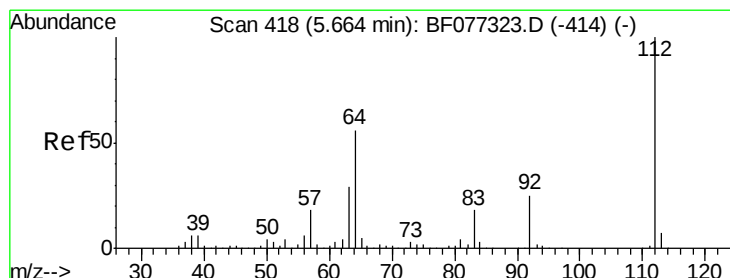
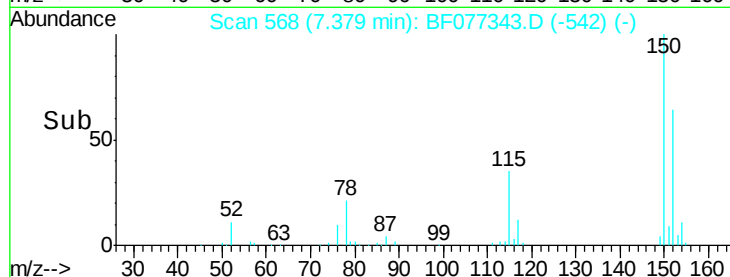
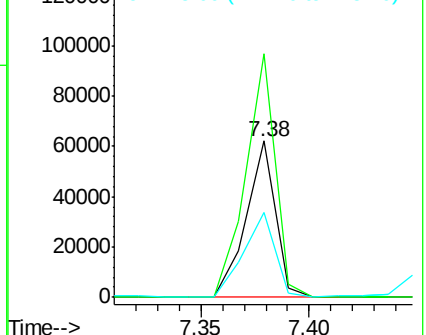
115 54.3 46.2 69.4



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

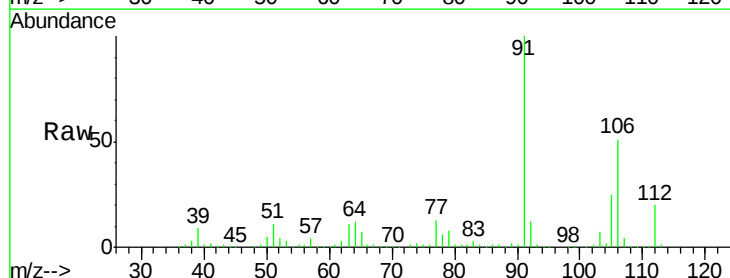
Tgt Ion:112 Resp: 49565

Ion Ratio Lower Upper

112 100

64 60.6 44.7 67.1

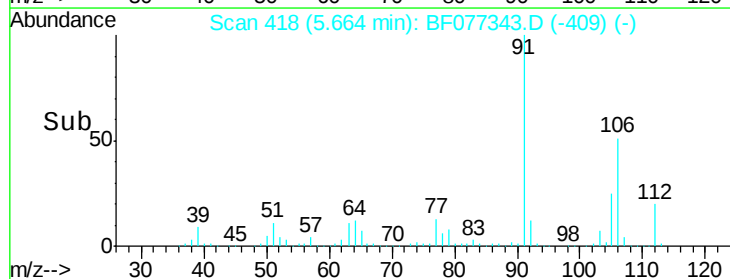
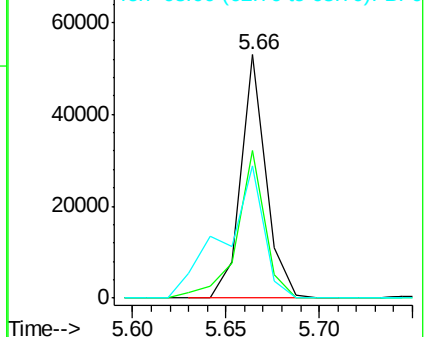
63 54.2 23.3 34.9#

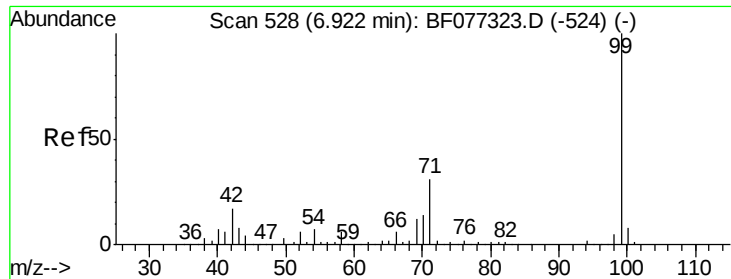


Abundance Ion 112.00 (111.70 to 112.70): E

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

ClientSampled :

FYMW-02A

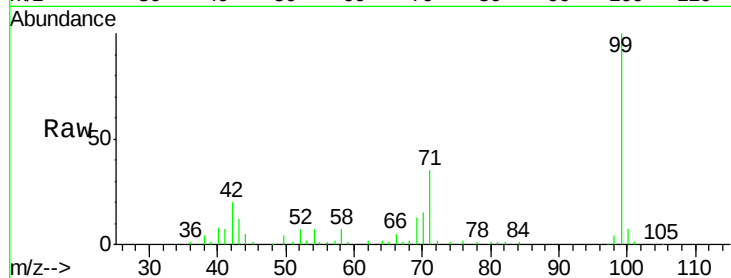
Tgt Ion: 99 Resp: 90295

Ion Ratio Lower Upper

99 100

42 19.7 13.8 20.6

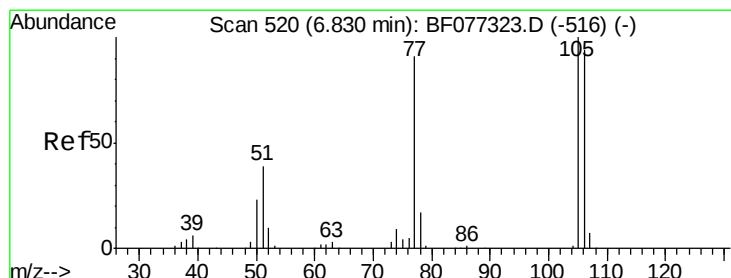
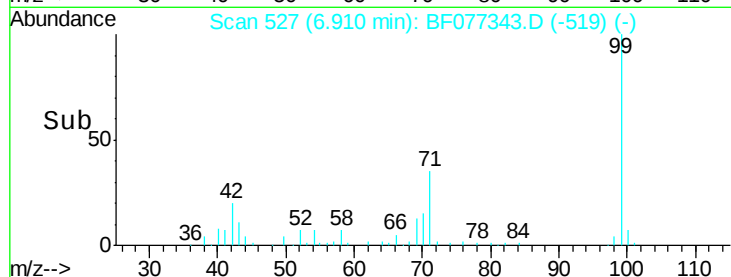
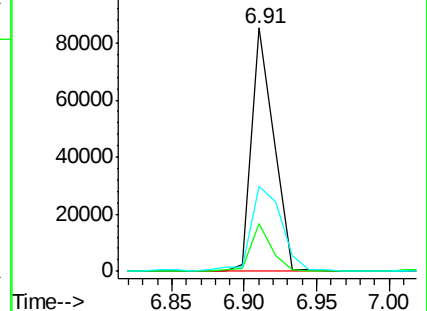
71 34.9 24.6 37.0



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



#9

Benzaldehyde

Concen: 4.77 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

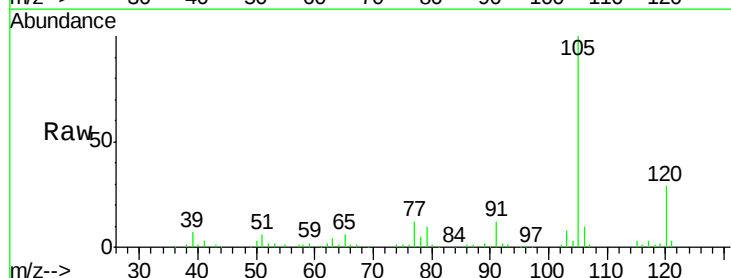
Tgt Ion: 77 Resp: 12971

Ion Ratio Lower Upper

77 100

105 823.4 89.5 129.5#

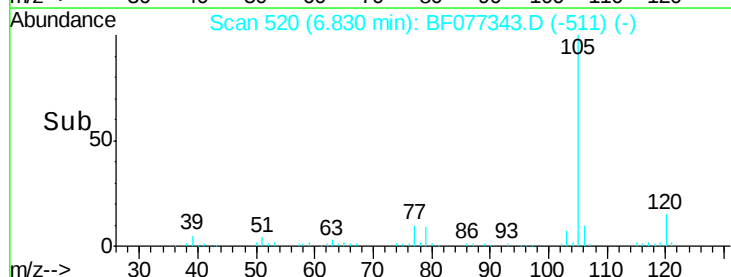
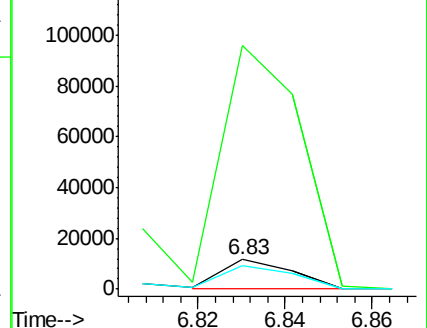
106 78.6 83.2 123.2#

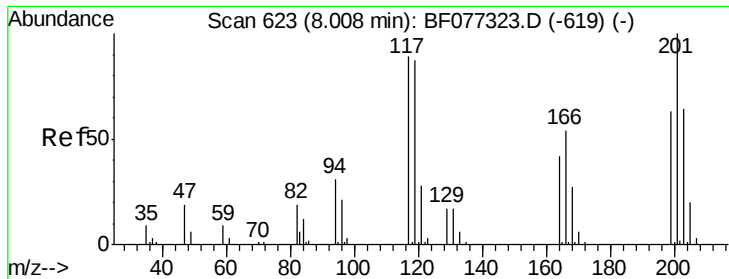


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

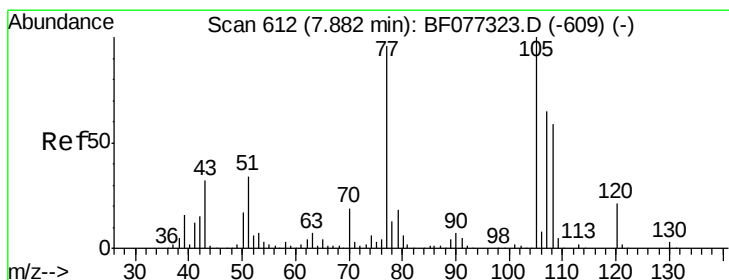
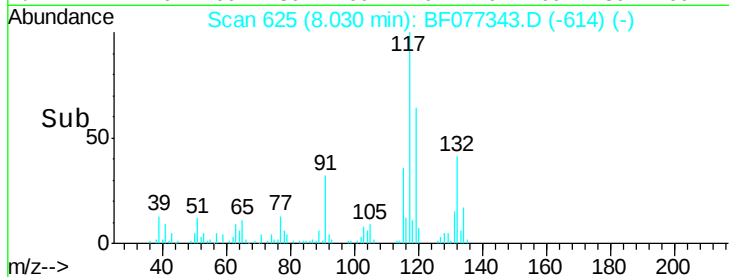
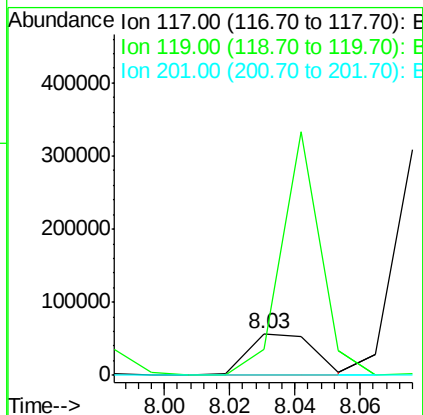
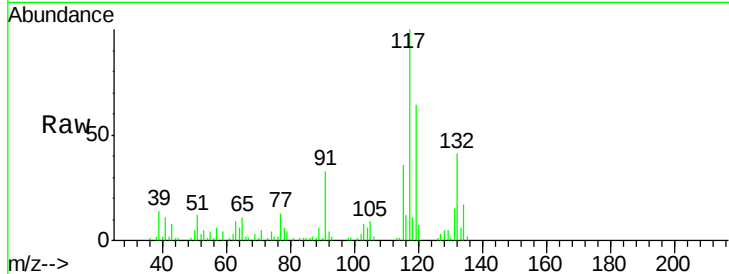




#18
Hexachloroethane
Concen: 52.53 ng
RT: 8.03 min Scan# 625
Delta R.T. 0.02 min
Lab File: BF077343.D
Acq: 18 Feb 2015 5:31

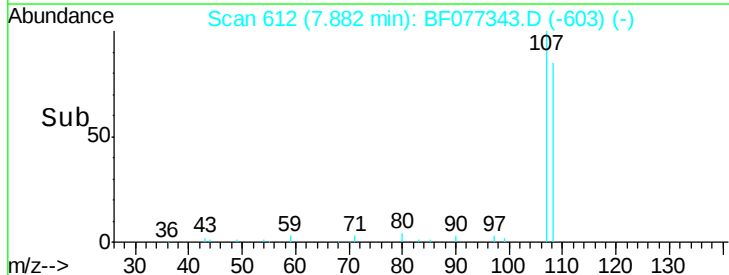
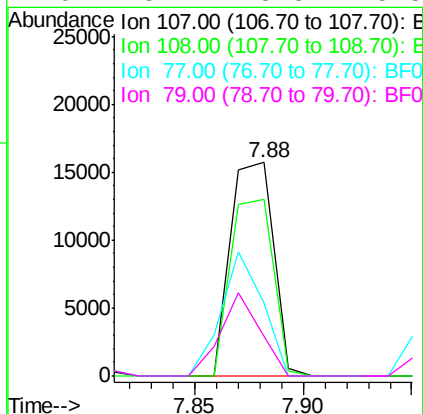
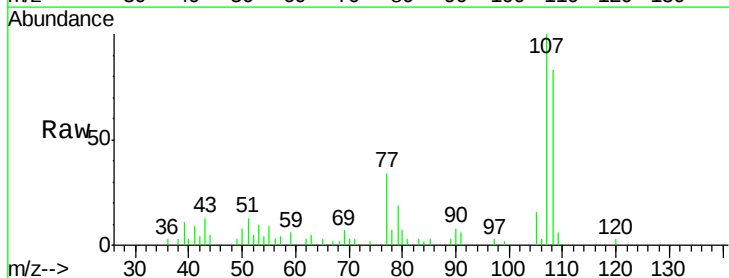
Instrument :
BNA_F
ClientSampleId :
FYMW-02A

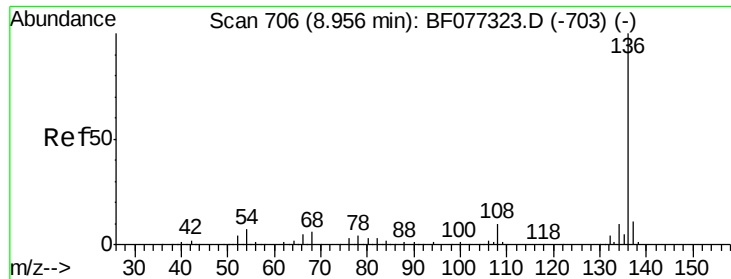
Tgt Ion:117 Resp: 78889
Ion Ratio Lower Upper
117 100
119 63.8 78.4 117.6#
201 0.0 90.1 135.1#



#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

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

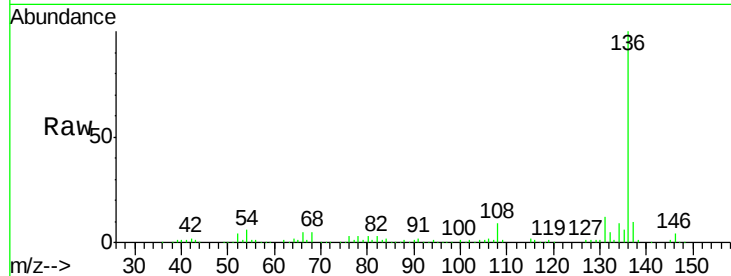




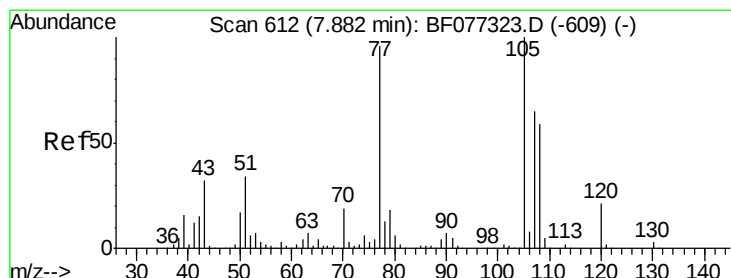
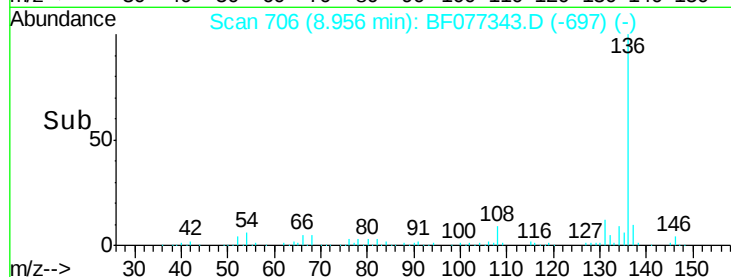
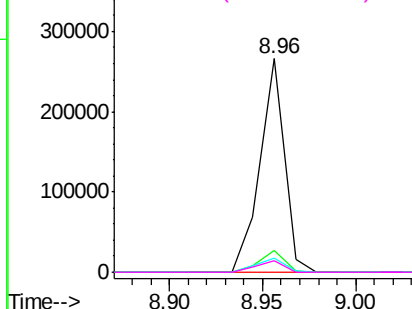
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.96 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF077343.D
Acq: 18 Feb 2015 5:31

Instrument :
BNA_F
ClientSampleId :
FYMW-02A

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

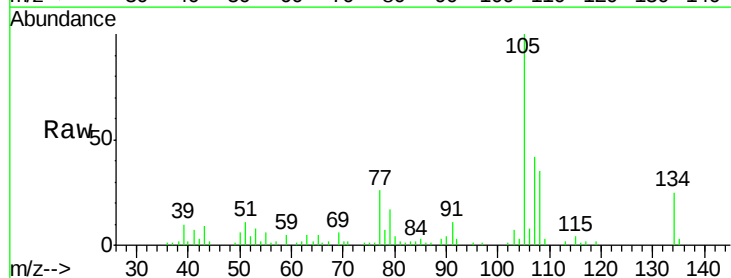


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

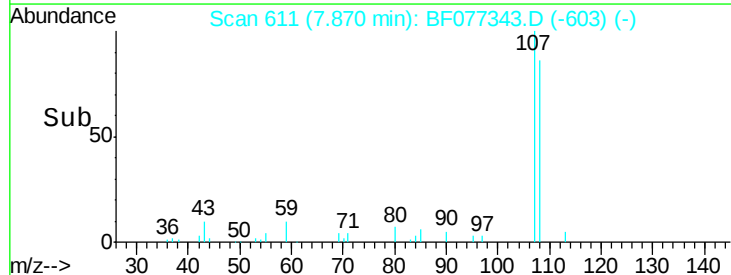
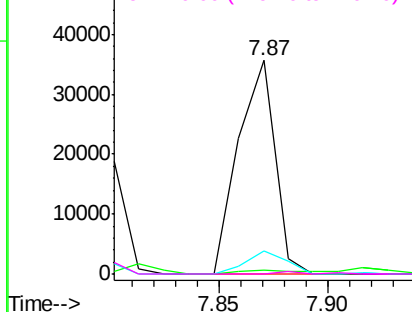


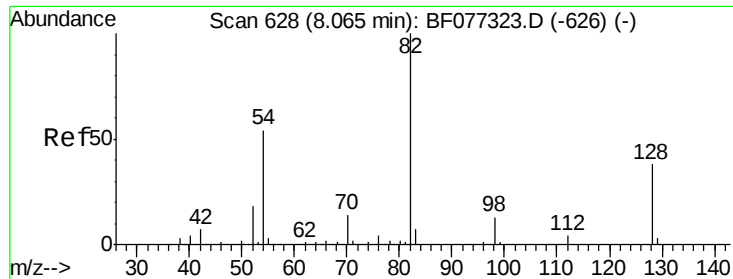
#22
Acetophenone
Concen: 7.35 ng
RT: 7.87 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF077343.D
Acq: 18 Feb 2015 5:31

Tgt Ion:	105	Resp:	41711
Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.5	3.7#
51	10.6	27.4	41.2#
120	0.0	17.2	25.8#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

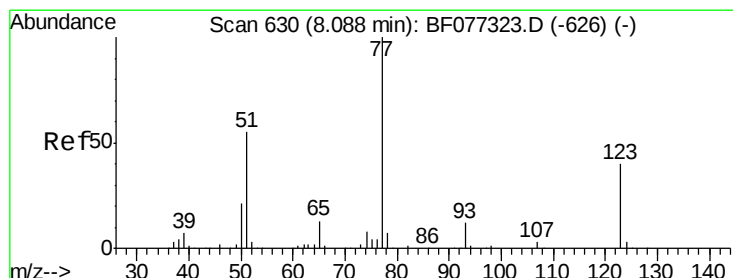
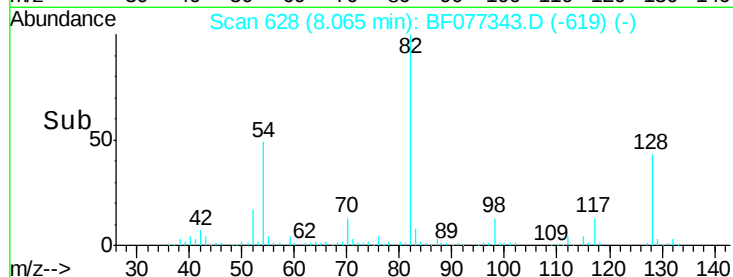
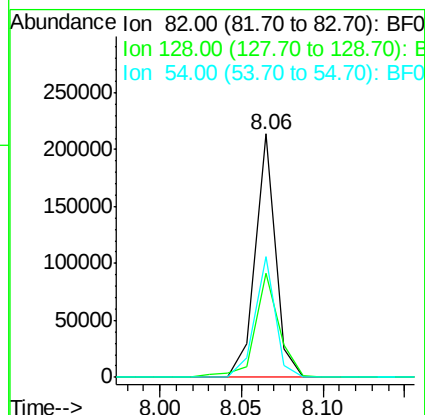
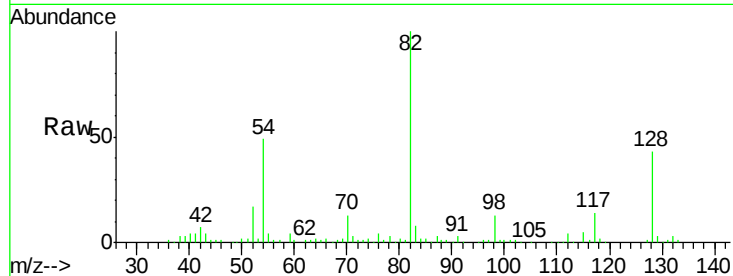




#23
 Nitrobenzene-d5
 Concen: 52.88 ng
 RT: 8.06 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF077343.D
 Acq: 18 Feb 2015 5:31

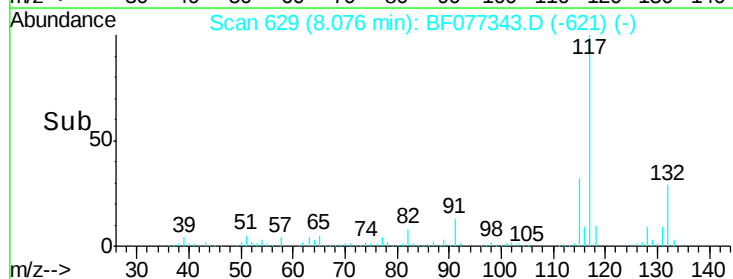
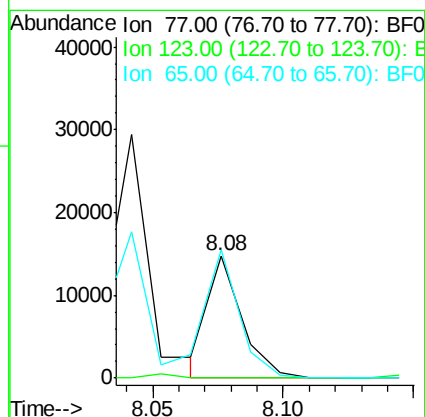
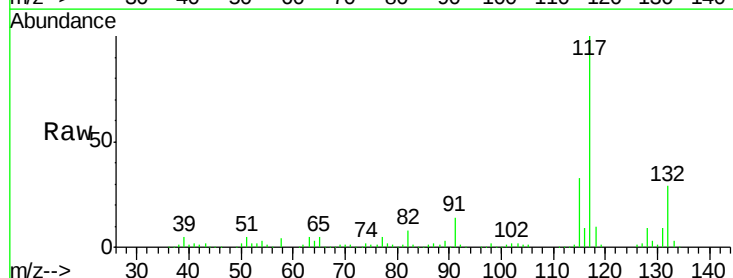
Instrument :
 BNA_F
 ClientSampleId :
 FYMW-02A

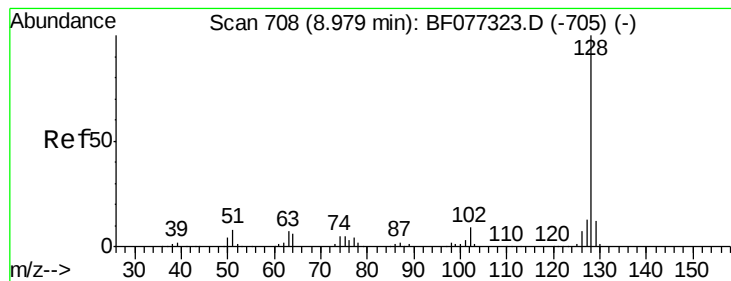
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	30.7	46.1
54	49.4	43.1	64.7



#24
 Nitrobenzene
 Concen: 3.59 ng
 RT: 8.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF077343.D
 Acq: 18 Feb 2015 5:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.7	47.5#
65	105.2	10.7	16.1#





#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

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

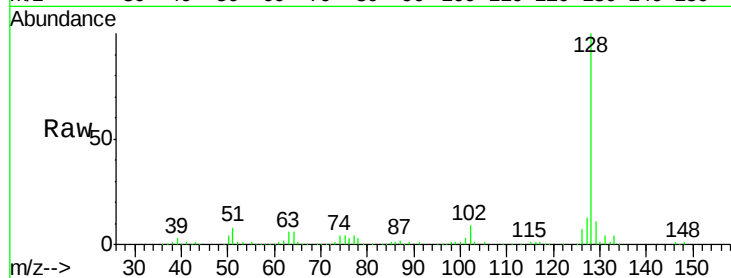
Tgt Ion:128 Resp: 192368

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

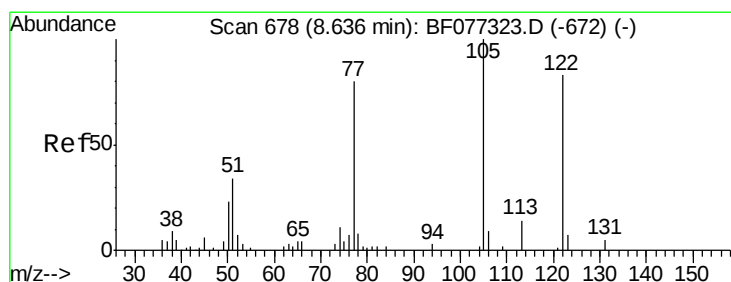
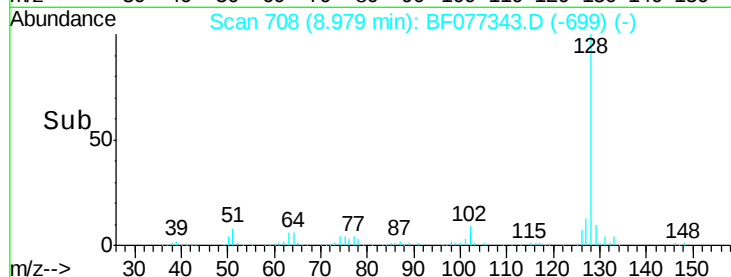
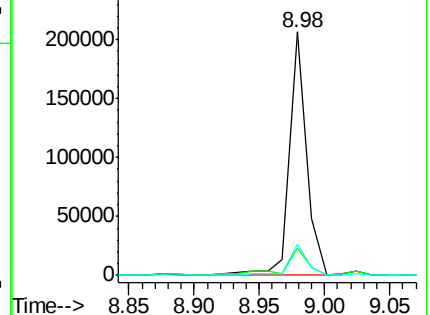
127 13.0 10.5 15.7



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



#32

Benzoic acid

Concen: 3.87 ng

RT: 8.67 min Scan# 681

Delta R.T. 0.03 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

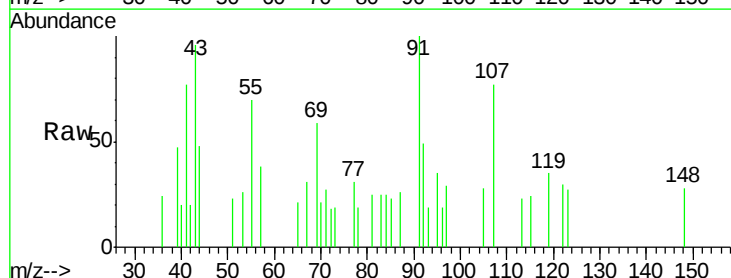
Tgt Ion:122 Resp: 651

Ion Ratio Lower Upper

122 100

105 93.9 98.4 138.4#

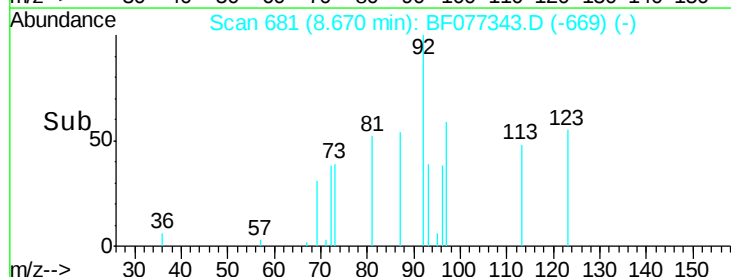
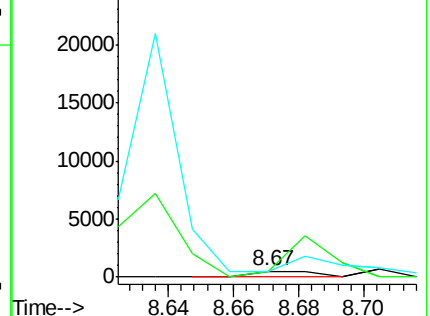
77 104.5 75.4 115.4

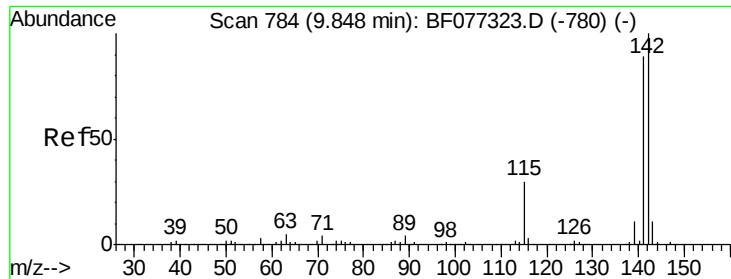


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

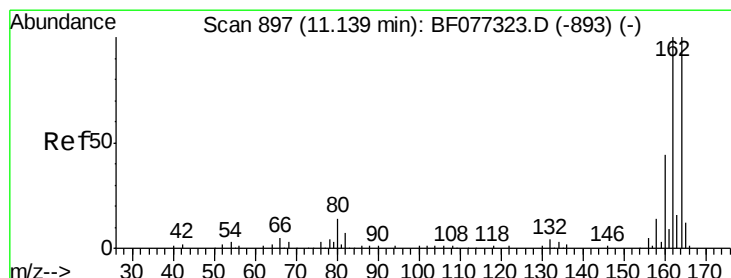
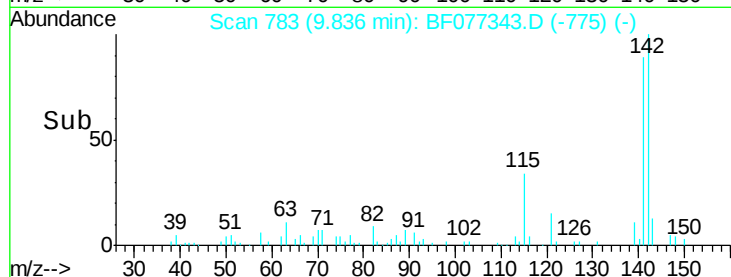
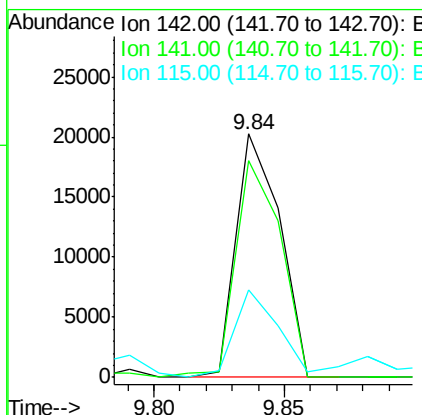
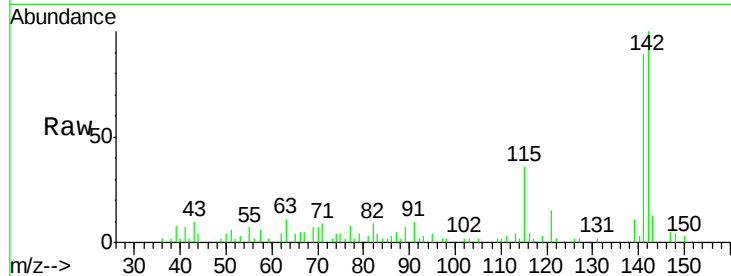




#37
2-Methylnaphthalene
Concen: 2.75 ng
RT: 9.84 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF077343.D
Acq: 18 Feb 2015 5:31

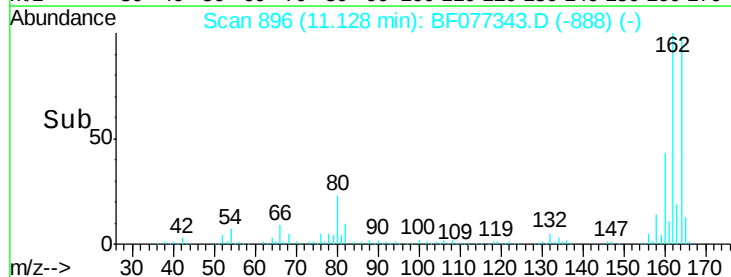
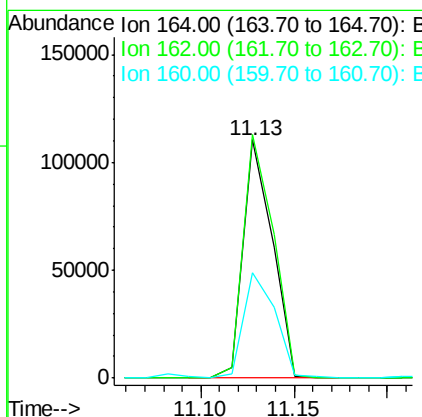
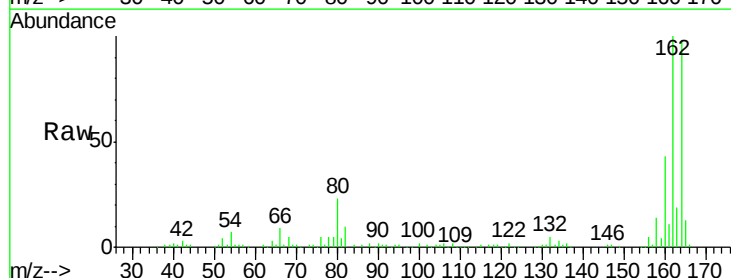
Instrument :
BNA_F
ClientSampleId :
FYMW-02A

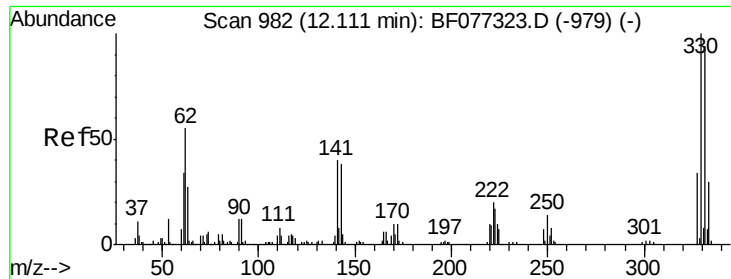
Tgt Ion:142 Resp: 23845
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8
115 36.0 23.8 35.8#



#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

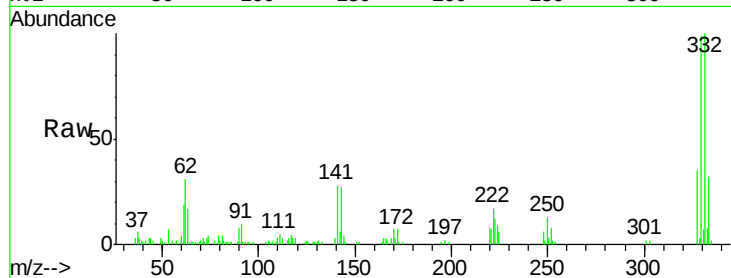




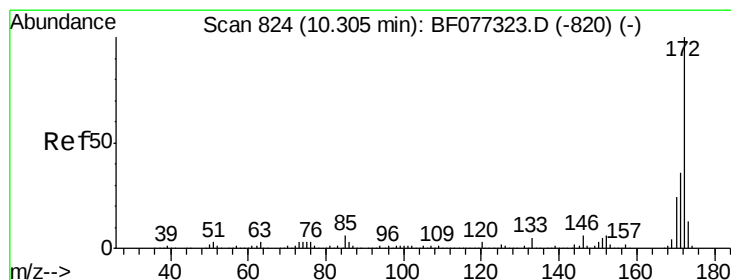
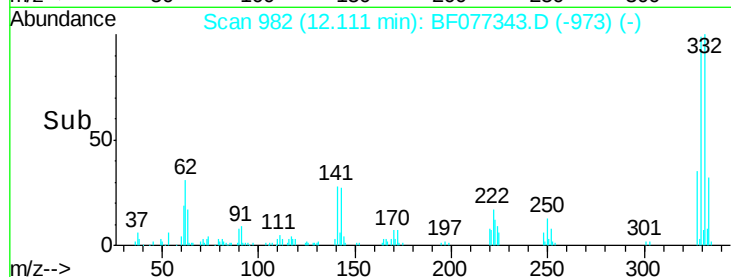
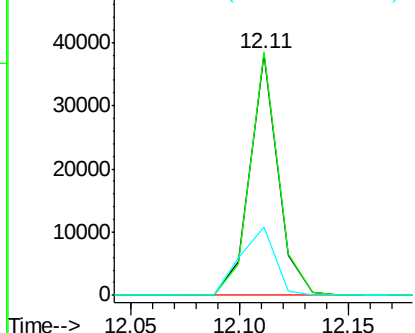
#41
 2,4,6-Tribromophenol
 Concen: 31.48 ng
 RT: 12.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF077343.D
 Acq: 18 Feb 2015 5:31

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

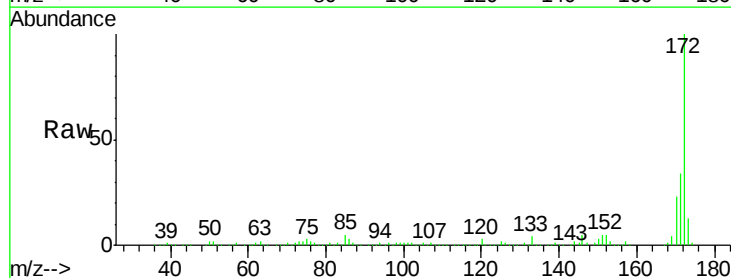


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

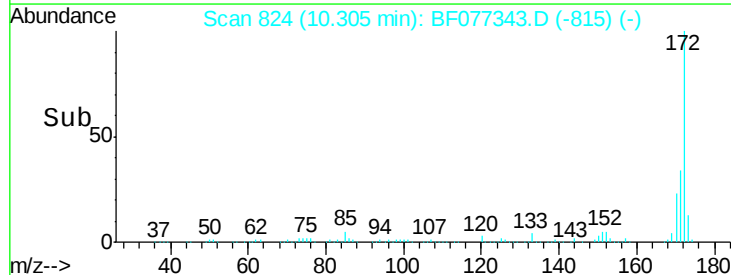
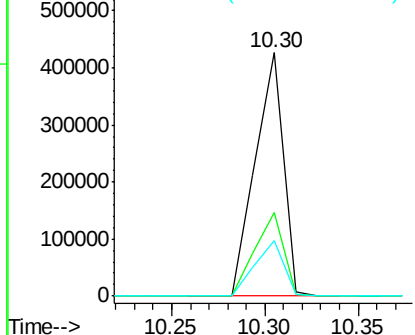


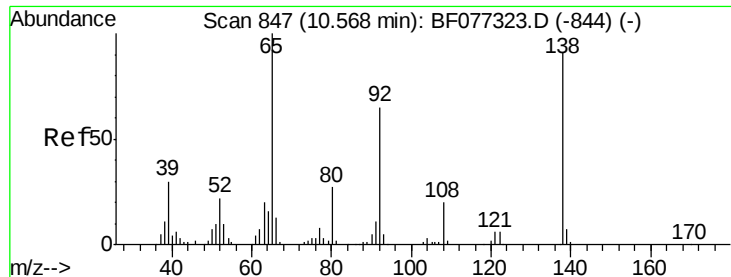
#44
 2-Fluorobiphenyl
 Concen: 55.15 ng
 RT: 10.30 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF077343.D
 Acq: 18 Feb 2015 5:31

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





#47

2-Nitroaniline

Concen: 2.75 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.04 min

Lab File: BF077343.D

Acq: 18 Feb 2015 5:31

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

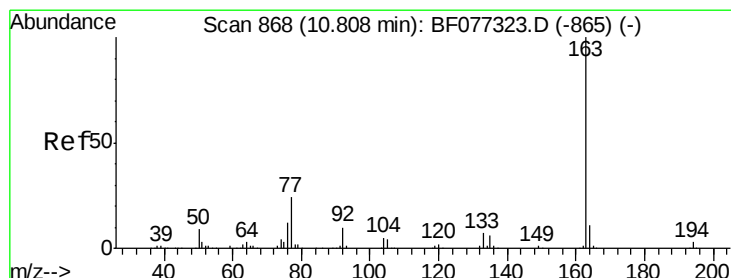
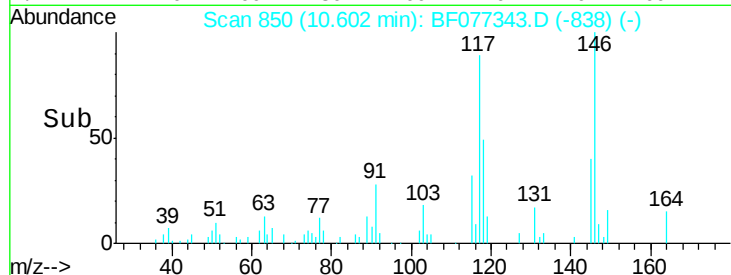
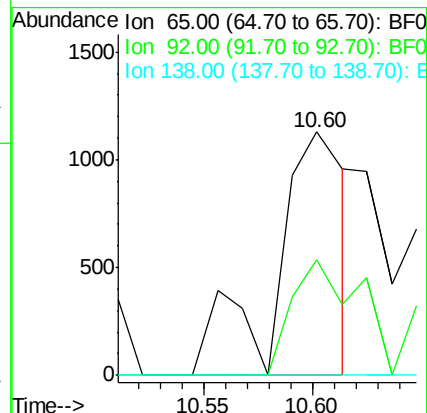
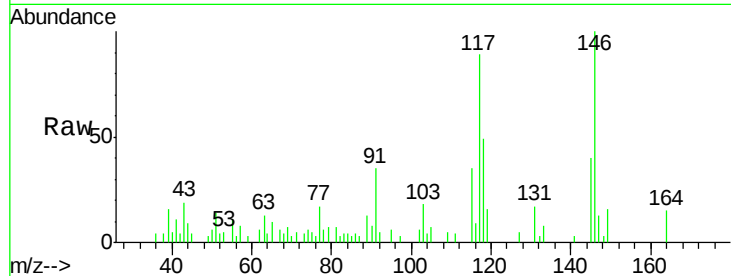
Tgt Ion: 65 Resp: 2547

Ion Ratio Lower Upper

65 100

92 47.4 52.3 78.5#

138 0.0 73.2 109.8#



#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

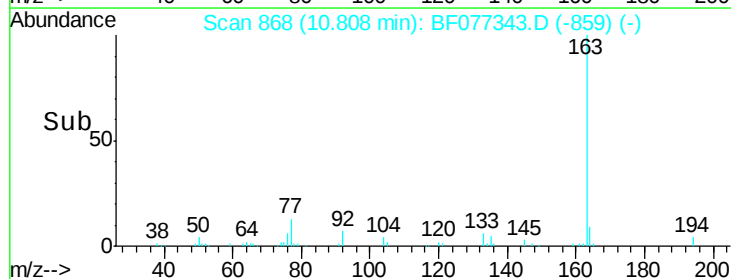
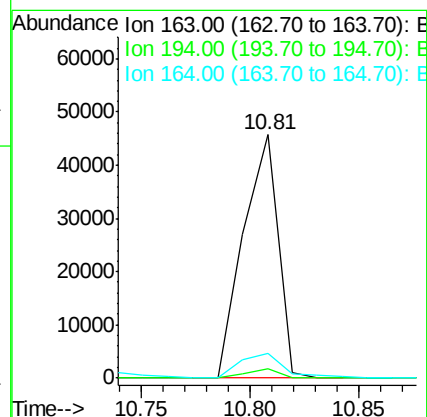
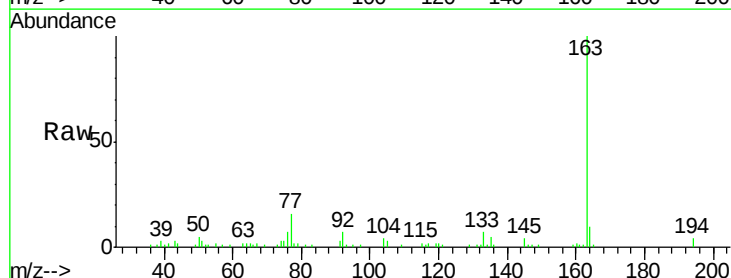
Tgt Ion:163 Resp: 50570

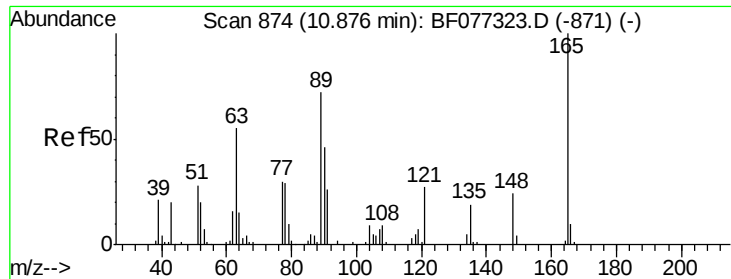
Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

164 10.2 8.4 12.6

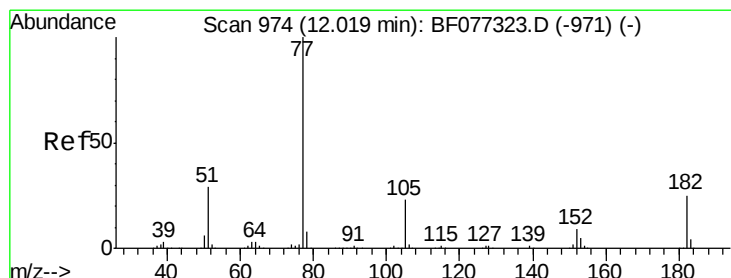
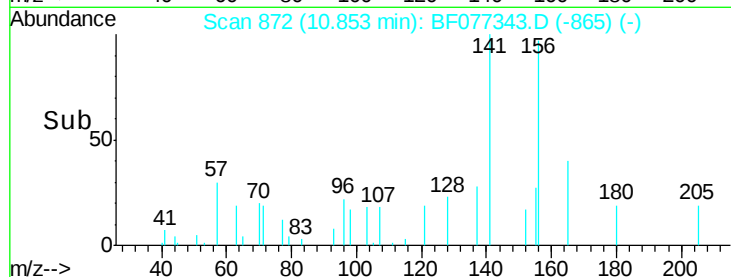
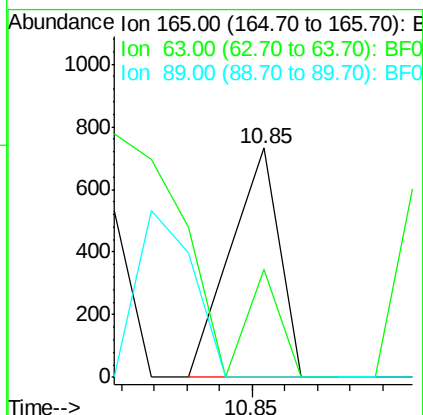
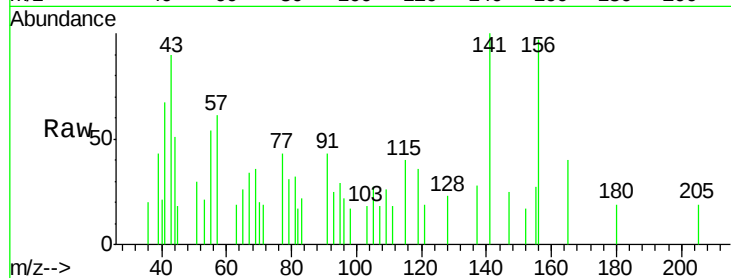




#50
 2,6-Dinitrotoluene
 Concen: 2.20 ng
 RT: 10.85 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF077343.D
 Acq: 18 Feb 2015 5:31

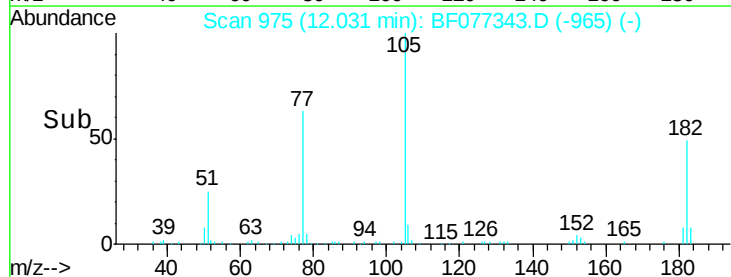
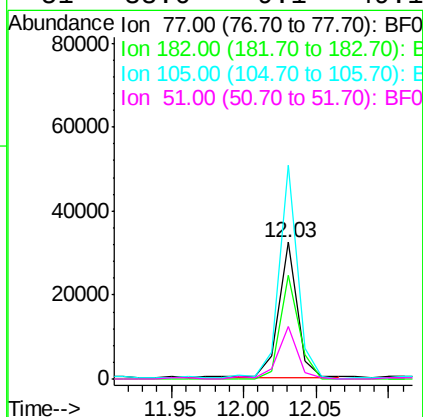
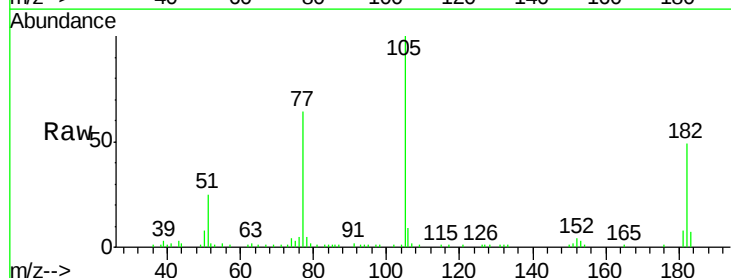
Instrument :
 BNA_F
 ClientSampleId :
 FYMW-02A

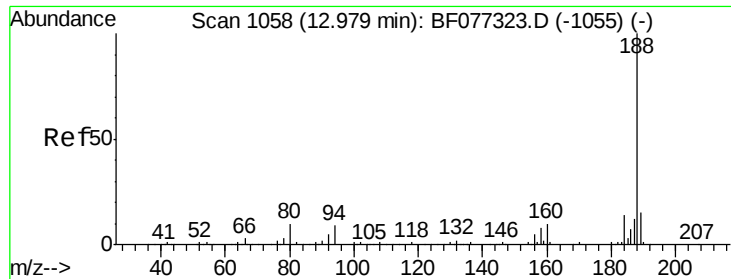
Tgt Ion: 165 Resp: 753
 Ion Ratio Lower Upper
 165 100
 63 47.0 57.2 85.8#
 89 0.0 57.8 86.6#



#62
 Azobenzene
 Concen: 3.37 ng
 RT: 12.03 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF077343.D
 Acq: 18 Feb 2015 5:31

Tgt Ion: 77 Resp: 28975
 Ion Ratio Lower Upper
 77 100
 182 76.4 5.0 45.0#
 105 156.6 3.3 43.3#
 51 38.6 9.1 49.1





#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

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

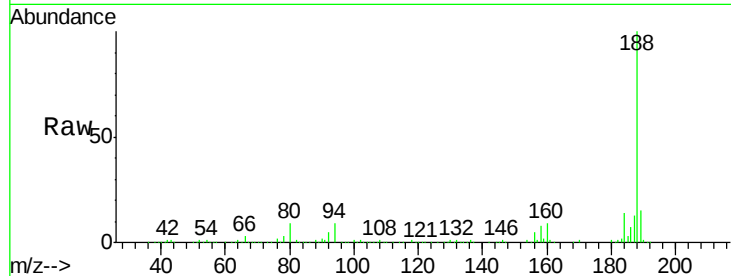
Tgt Ion:188 Resp: 242112

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

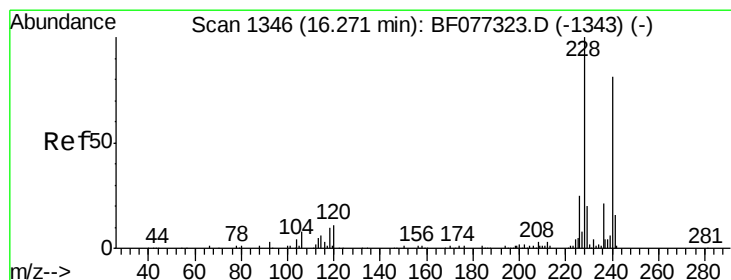
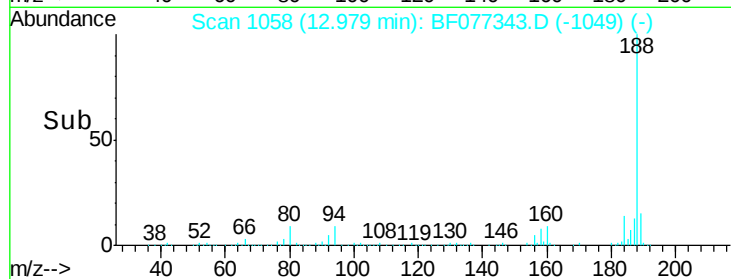
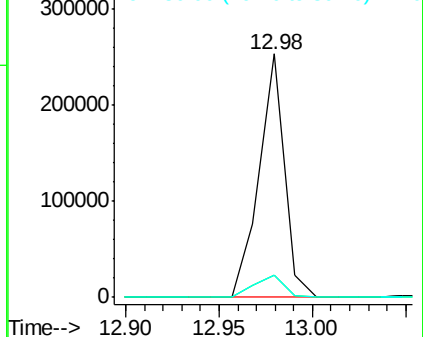
80 8.9 7.8 11.8



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

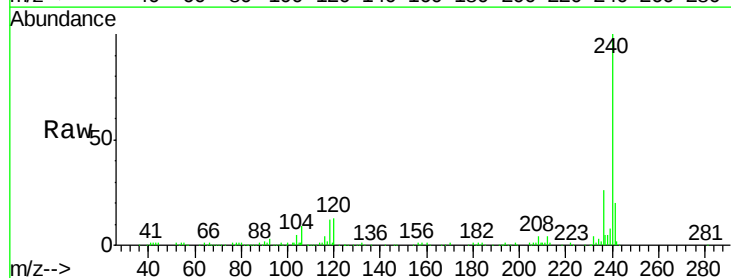
Tgt Ion:240 Resp: 232241

Ion Ratio Lower Upper

240 100

120 13.0 11.3 16.9

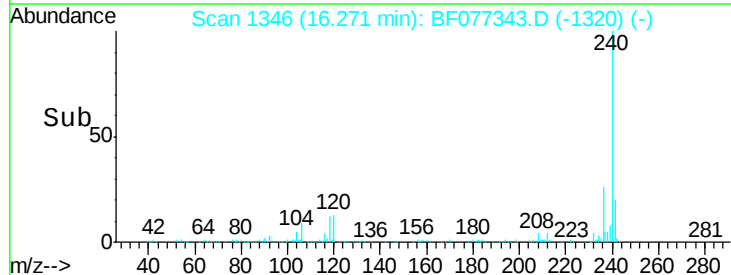
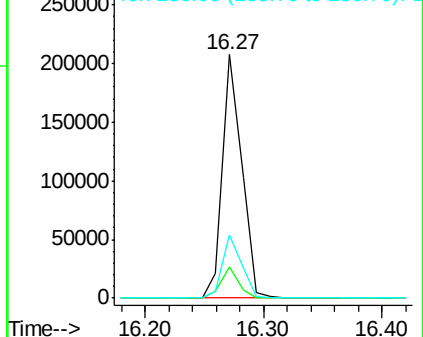
236 25.8 20.3 30.5

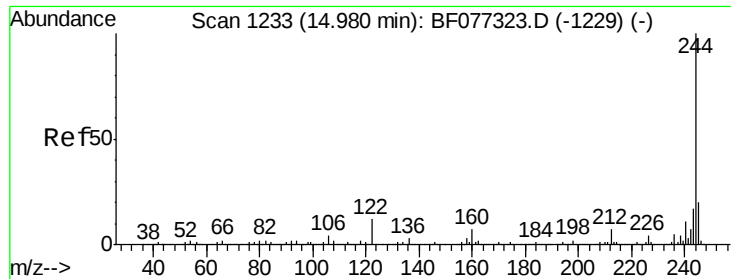


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

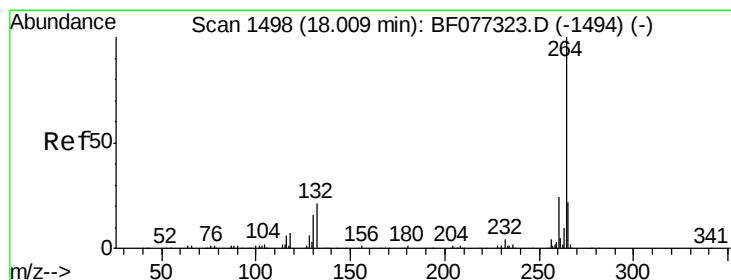
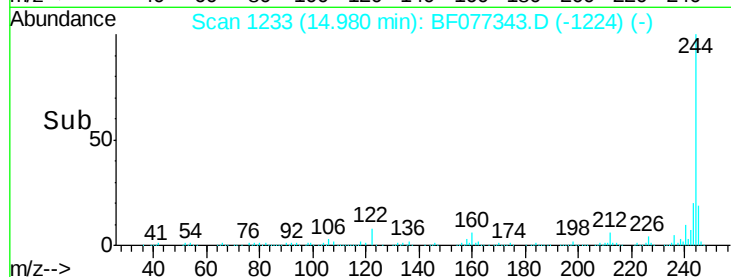
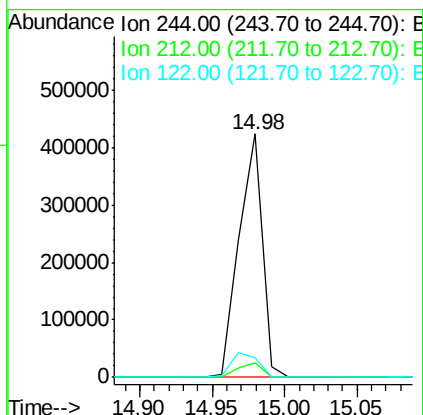
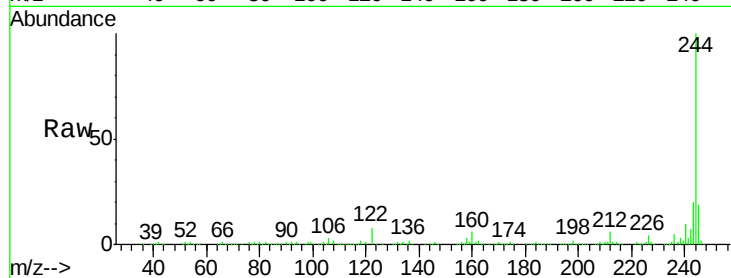




#78
 Terphenyl-d14
 Concen: 46.16 ng
 RT: 14.98 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF077343.D
 Acq: 18 Feb 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-02A

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#



#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

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

