

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077344.D
 Acq On : 18 Feb 2015 6:00
 Operator : TP/IZ
 Sample : G1302-05
 Misc : W
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-09

Quant Time: Feb 18 06:46:21 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

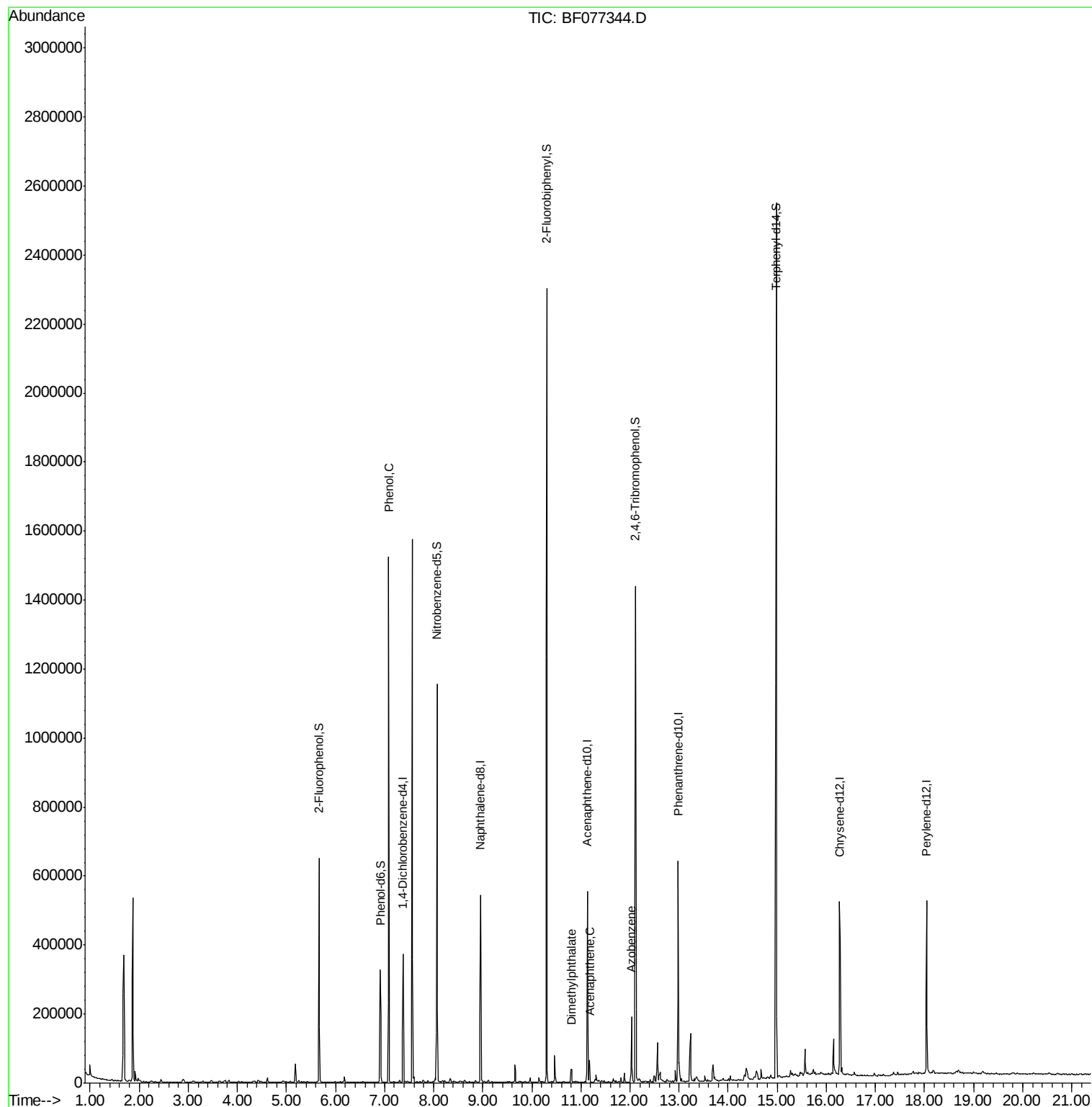
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	63478	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	257942	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	126982	20.00	ng	-0.01
63) Phenanthrene-d10	12.98	188	252674	20.00	ng	0.00
75) Chrysene-d12	16.27	240	245035	20.00	ng	0.00
86) Perylene-d12	18.04	264	230238	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	185414	49.92	ng	0.00
7) Phenol-d6	6.91	99	134655	27.75	ng	-0.01
23) Nitrobenzene-d5	8.06	82	348160	93.47	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	175408	148.12	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	854623	101.46	ng	0.00
78) Terphenyl-d14	14.98	244	942058	87.41	ng	0.00
Target Compounds						
10) Phenol	7.08	94	624	3.49	ng	# 1
49) Dimethylphthalate	10.81	163	23386	2.68	ng	# 98
51) Acenaphthene	11.17	154	16057	2.18	ng	97
62) Azobenzene	12.03	77	34051	3.78	ng	# 1

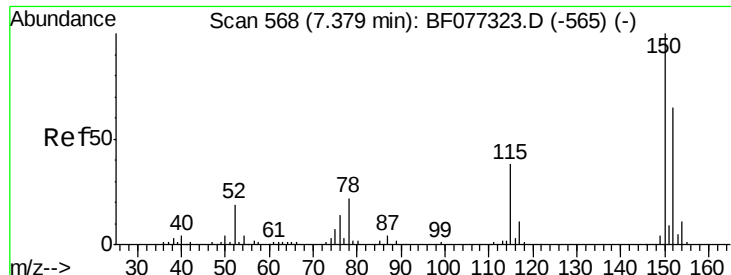
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 02:50:27 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF077344.D

Acq: 18 Feb 2015 6:00

Instrument :

BNA_F

ClientSampleId :

FYMW-09

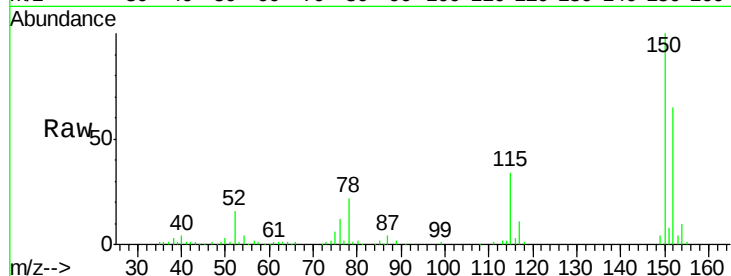
Tgt Ion:152 Resp: 63478

Ion Ratio Lower Upper

152 100

150 154.6 123.1 184.7

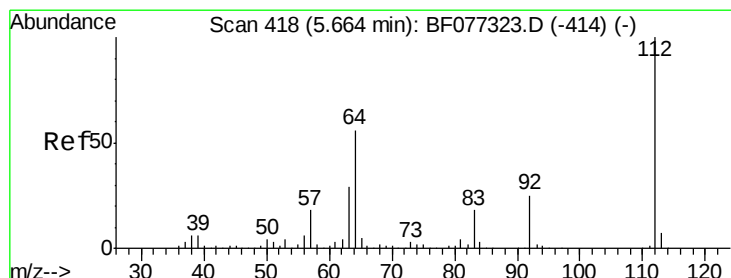
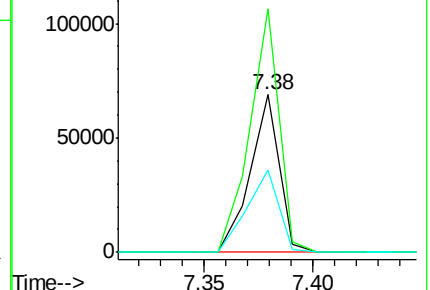
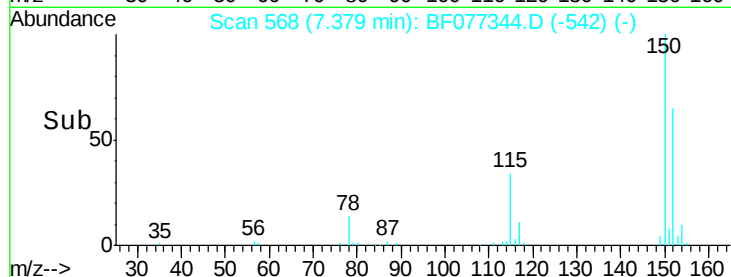
115 52.7 46.2 69.4



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: 49.92 ng

RT: 5.66 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF077344.D

Acq: 18 Feb 2015 6:00

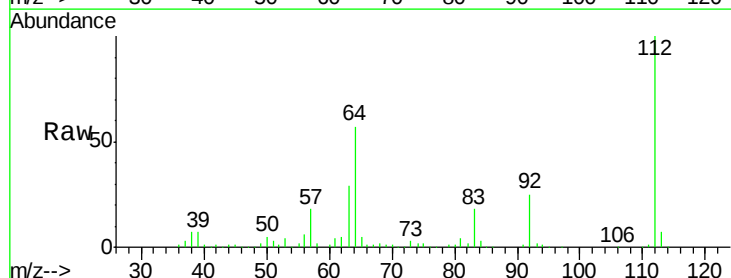
Tgt Ion:112 Resp: 185414

Ion Ratio Lower Upper

112 100

64 57.3 44.7 67.1

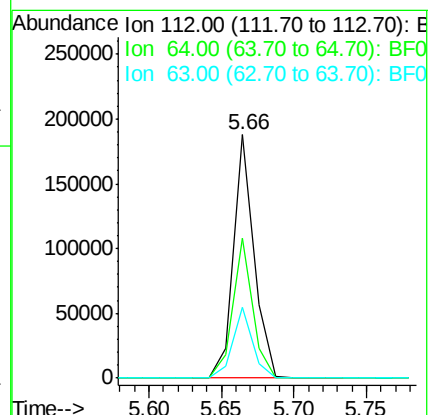
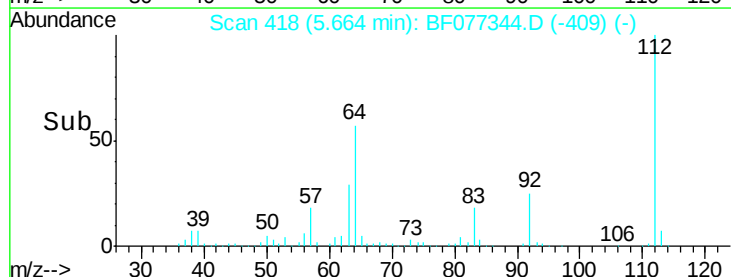
63 29.2 23.3 34.9

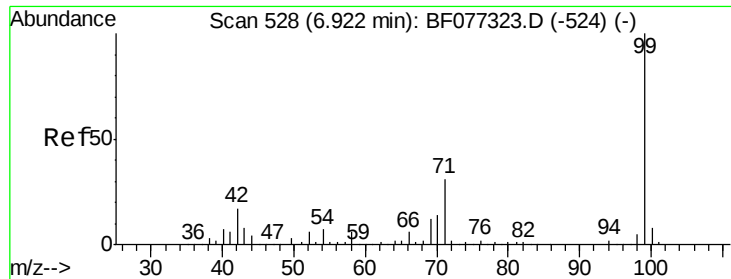


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.75 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF077344.D

Acq: 18 Feb 2015 6:00

Instrument :

BNA_F

ClientSampleId :

FYMW-09

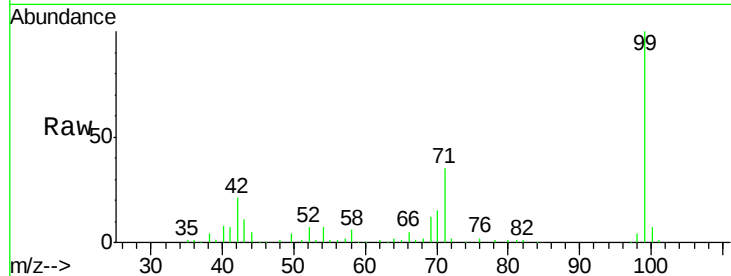
Tgt Ion: 99 Resp: 134655

Ion Ratio Lower Upper

99 100

42 21.2 13.8 20.6#

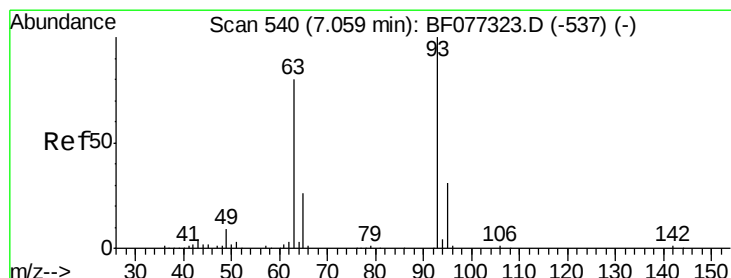
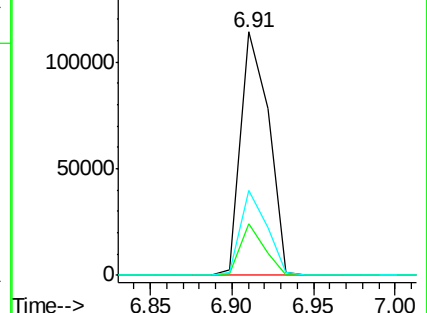
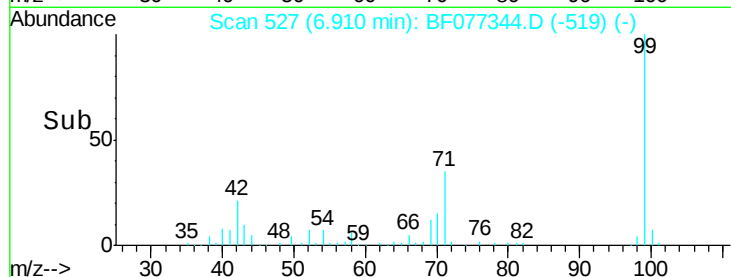
71 34.8 24.6 37.0



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: 3.49 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.02 min

Lab File: BF077344.D

Acq: 18 Feb 2015 6:00

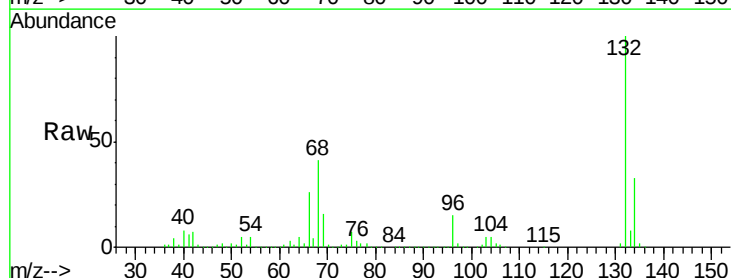
Tgt Ion: 94 Resp: 624

Ion Ratio Lower Upper

94 100

65 993.8 718.6 758.6#

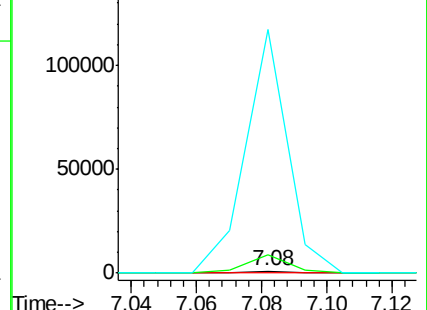
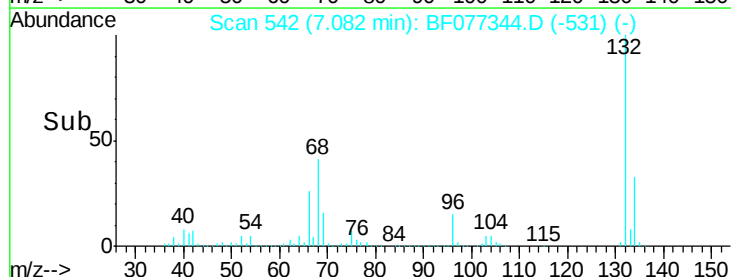
66 12884.4 0.0 37.8#

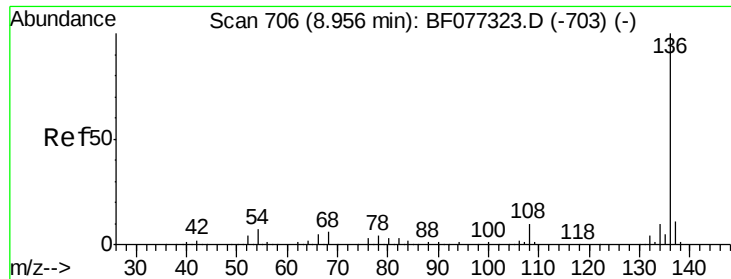


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

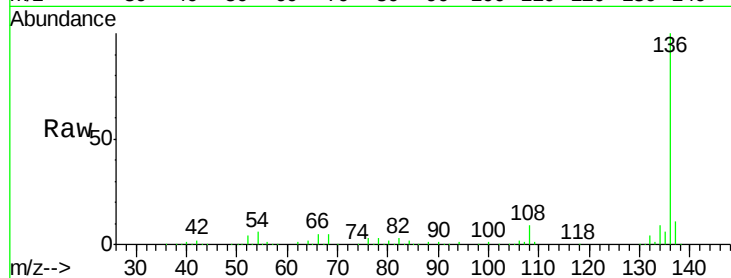




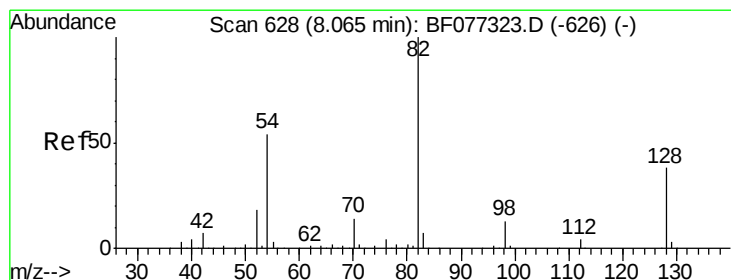
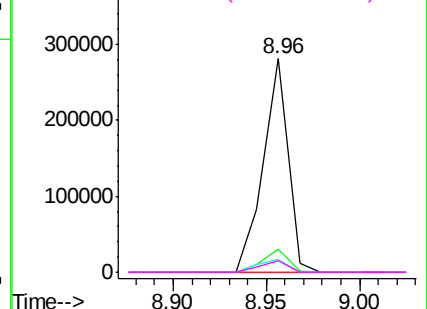
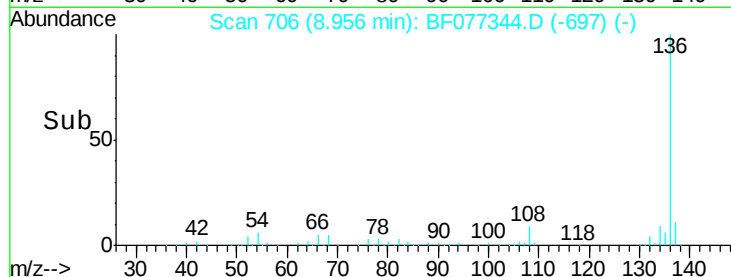
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.96 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF077344.D
Acq: 18 Feb 2015 6:00

Instrument :
BNA_F
ClientSampleId :
FYMW-09

Tgt Ion:	136	Resp:	257942
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.1	5.8	8.6
68	5.2	4.6	6.8

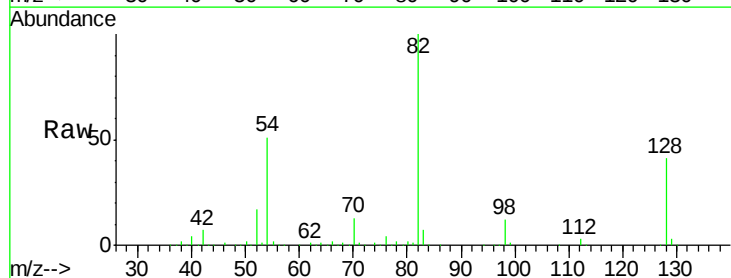


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

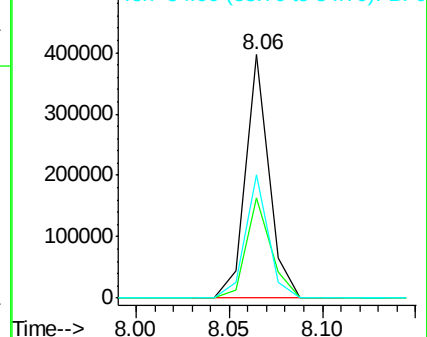
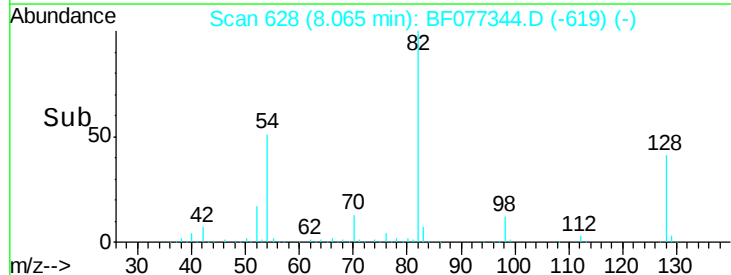


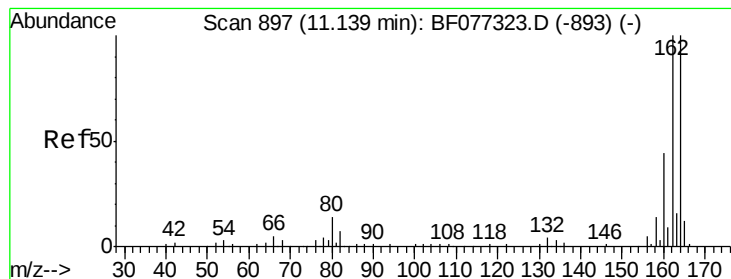
#23
Nitrobenzene-d5
Concen: 93.47 ng
RT: 8.06 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF077344.D
Acq: 18 Feb 2015 6:00

Tgt Ion:	82	Resp:	348160
Ion	Ratio	Lower	Upper
82	100		
128	41.2	30.7	46.1
54	50.6	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF077344.D

Acq: 18 Feb 2015 6:00

Instrument :

BNA_F

ClientSampleId :

FYMW-09

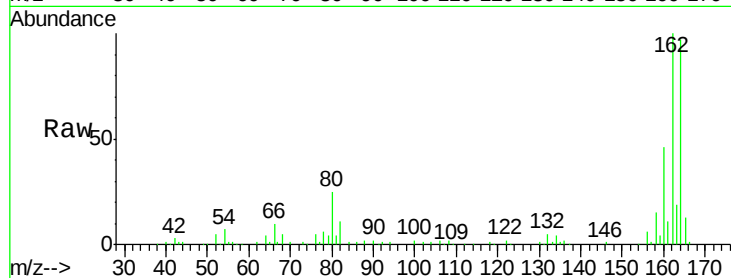
Tgt Ion:164 Resp: 126982

Ion Ratio Lower Upper

164 100

162 102.7 80.4 120.6

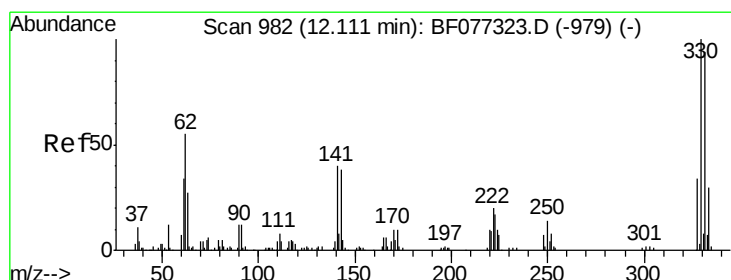
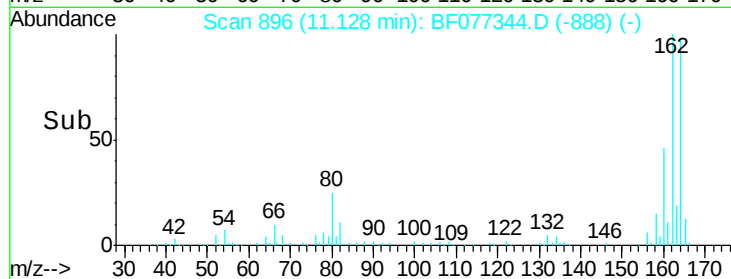
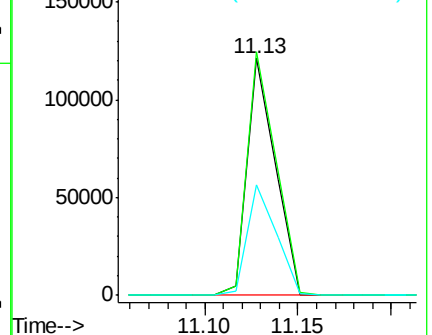
160 46.9 35.3 52.9



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: 148.12 ng

RT: 12.11 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF077344.D

Acq: 18 Feb 2015 6:00

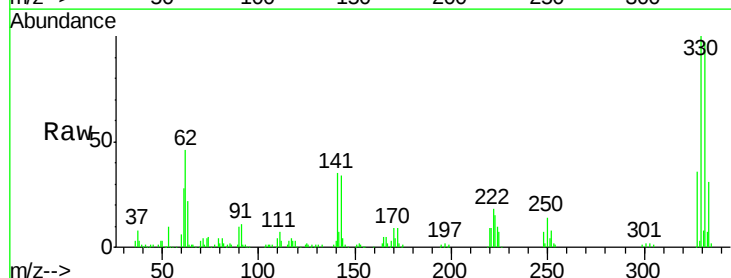
Tgt Ion:330 Resp: 175408

Ion Ratio Lower Upper

330 100

332 96.9 76.1 114.1

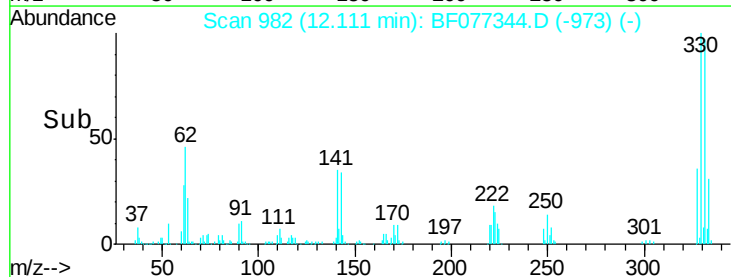
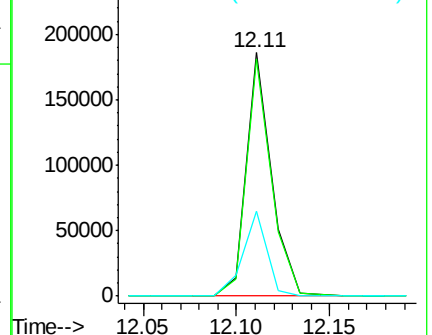
141 34.0 28.5 42.7

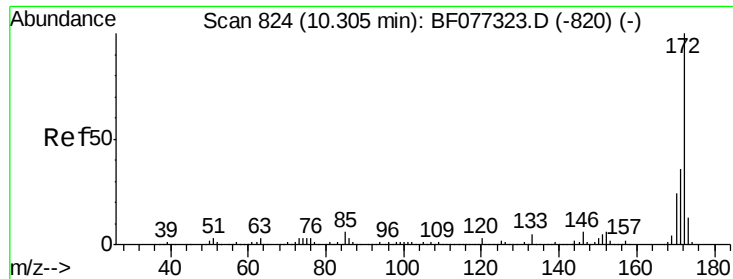


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

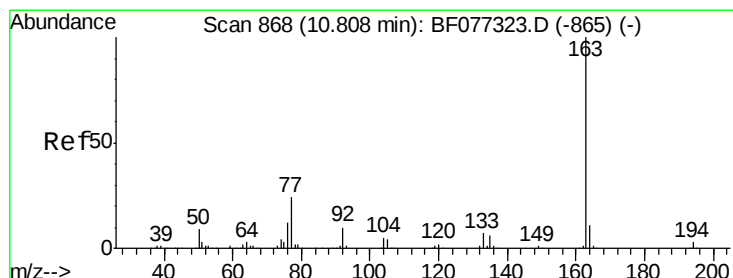
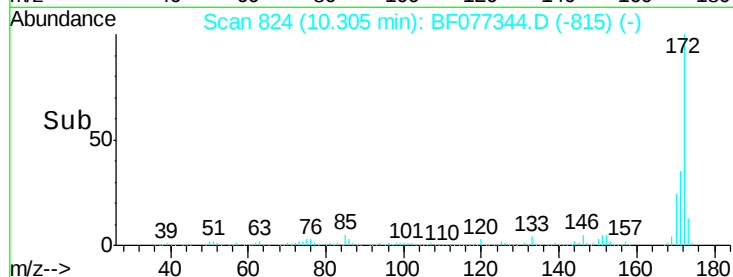
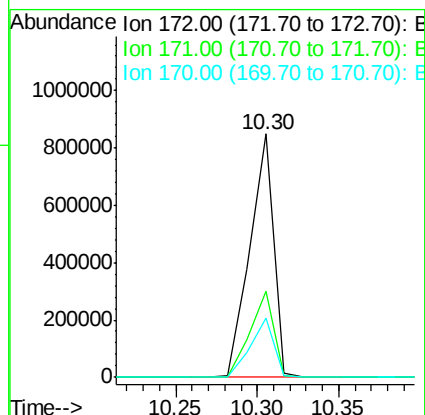
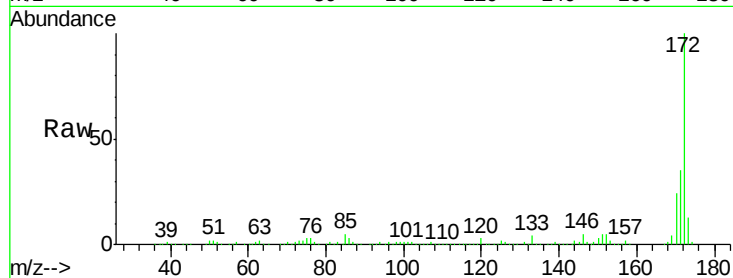




#44
 2-Fluorobiphenyl
 Concen: 101.46 ng
 RT: 10.30 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF077344.D
 Acq: 18 Feb 2015 6:00

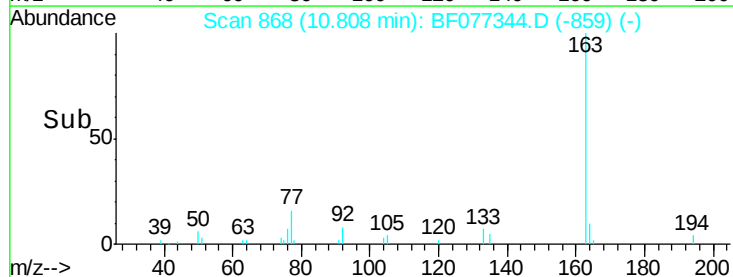
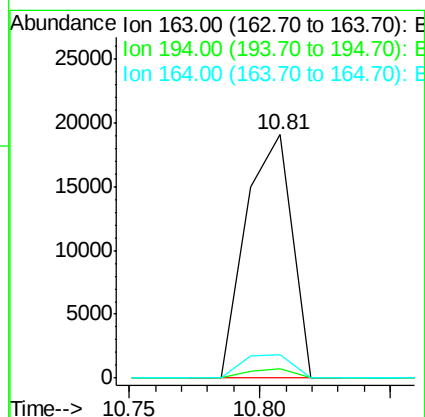
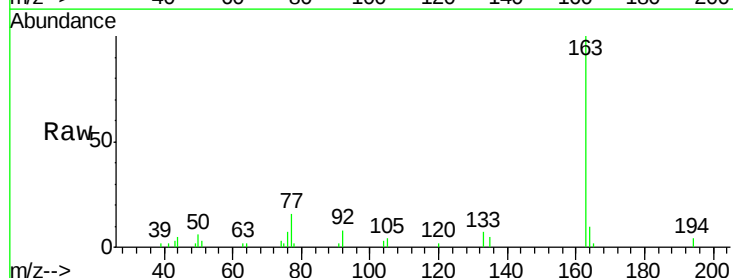
Instrument :
 BNA_F
 ClientSampled :
 FYMW-09

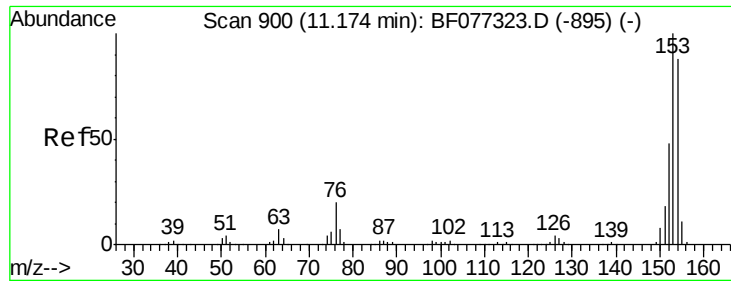
Tgt Ion:172 Resp: 854623
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 24.1 19.4 29.2



#49
 Dimethylphthalate
 Concen: 2.68 ng
 RT: 10.81 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: BF077344.D
 Acq: 18 Feb 2015 6:00

Tgt Ion:163 Resp: 23386
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.6 3.8#
 164 9.7 8.4 12.6





#51

Acenaphthene

Concen: 2.18 ng

RT: 11.17 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF077344.D

Acq: 18 Feb 2015 6:00

Instrument :

BNA_F

ClientSampleId :

FYMW-09

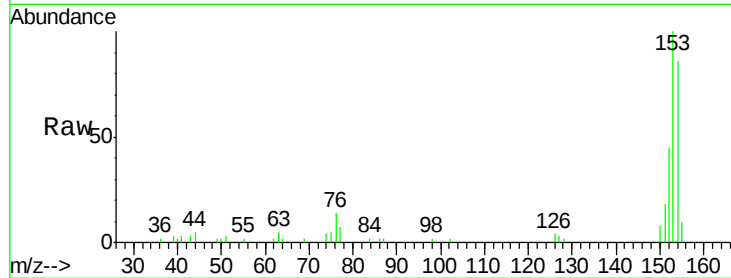
Tgt Ion:154 Resp: 16057

Ion Ratio Lower Upper

154 100

153 116.6 90.9 136.3

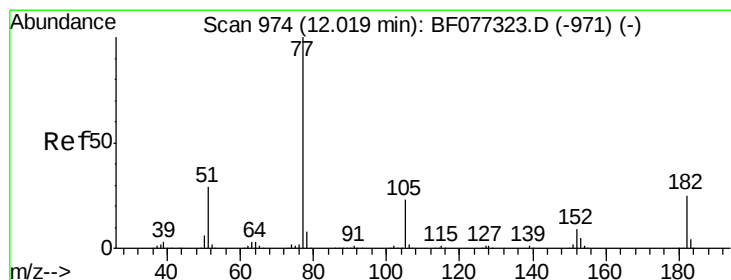
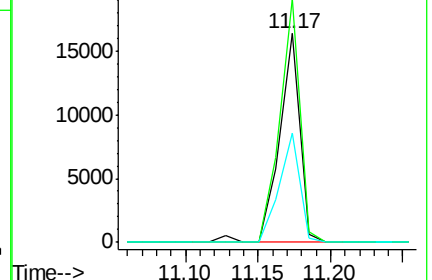
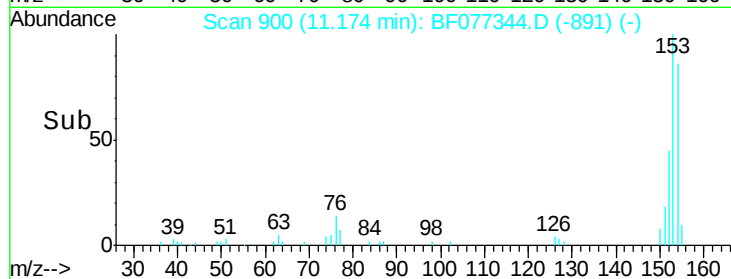
152 52.4 43.5 65.3



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



#62

Azobenzene

Concen: 3.78 ng

RT: 12.03 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF077344.D

Acq: 18 Feb 2015 6:00

Tgt Ion: 77 Resp: 34051

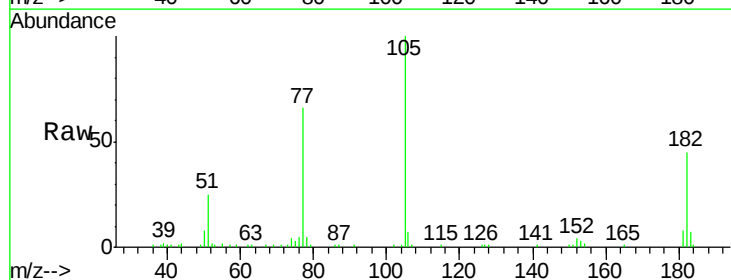
Ion Ratio Lower Upper

77 100

182 69.0 5.0 45.0#

105 152.0 3.3 43.3#

51 38.5 9.1 49.1

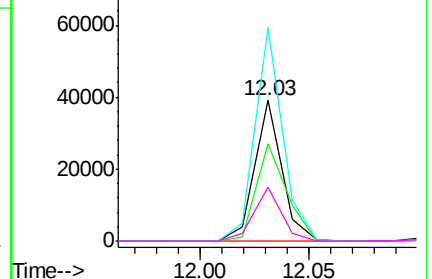
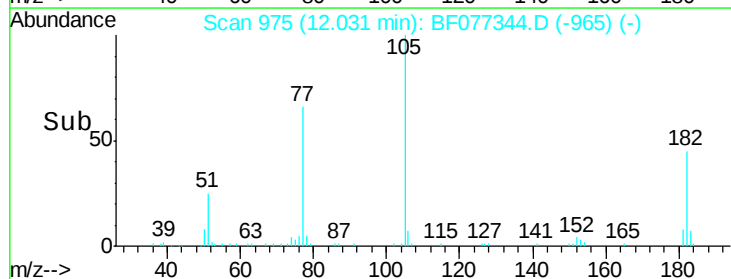


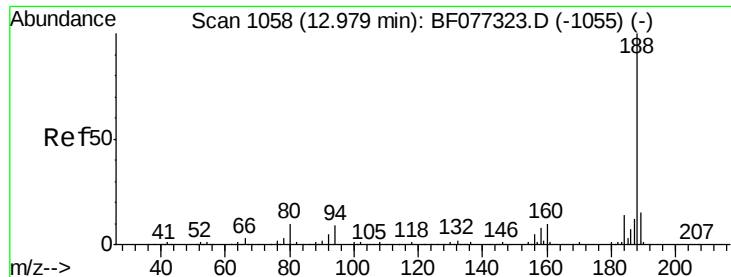
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

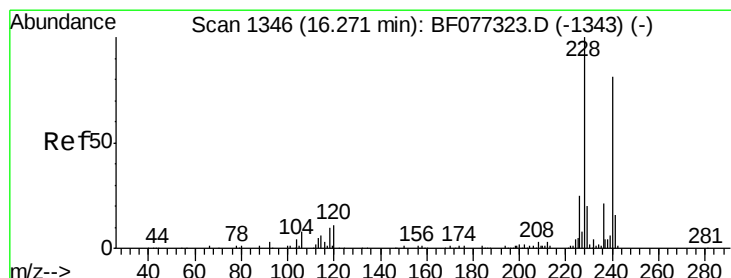
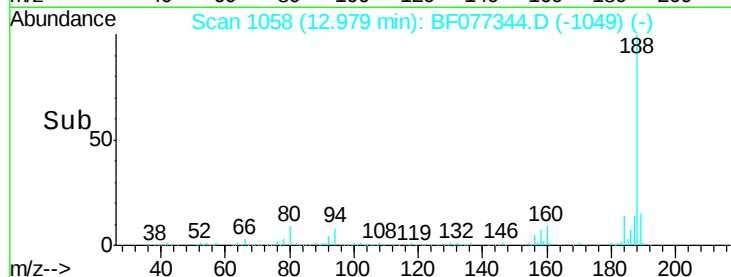
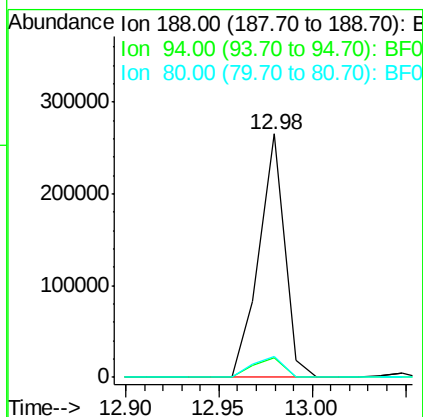
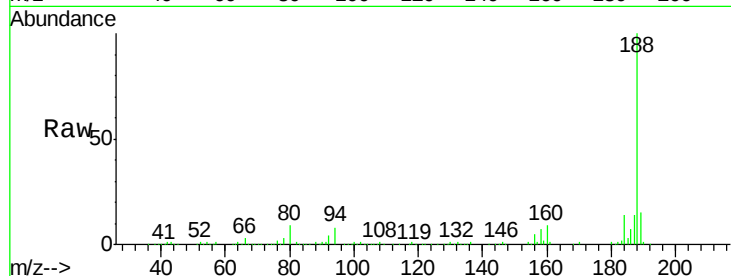




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF077344.D
Acq: 18 Feb 2015 6:00

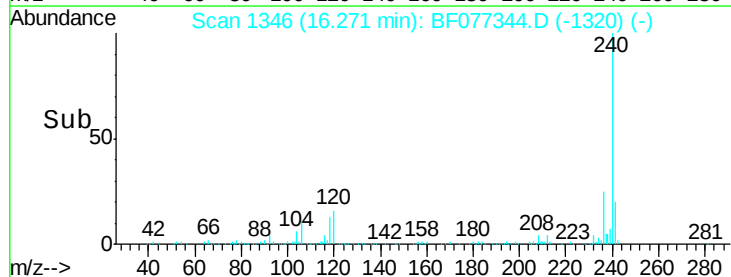
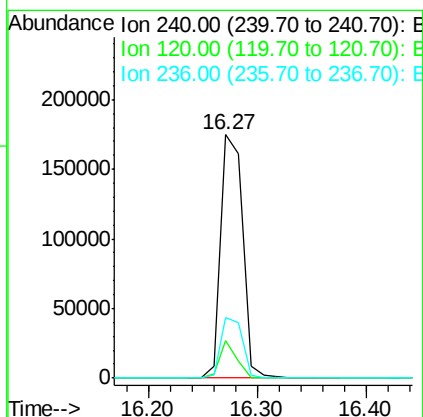
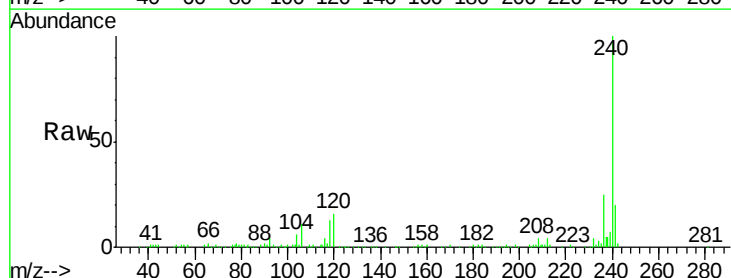
Instrument :
BNA_F
ClientSampleId :
FYMW-09

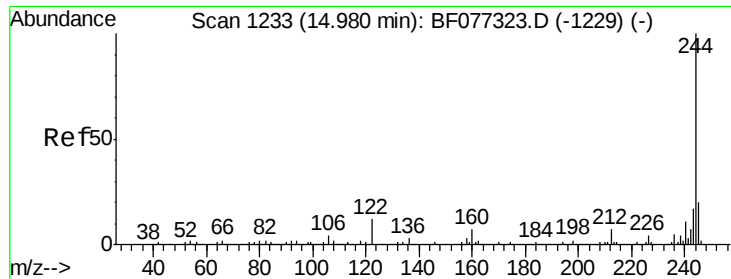
Tgt Ion:188 Resp: 252674
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 8.8 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF077344.D
Acq: 18 Feb 2015 6:00

Tgt Ion:240 Resp: 245035
Ion Ratio Lower Upper
240 100
120 15.6 11.3 16.9
236 24.8 20.3 30.5





#78

Terphenyl-d14

Concen: 87.41 ng

RT: 14.98 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF077344.D

Acq: 18 Feb 2015 6:00

Instrument :

BNA_F

ClientSampleId :

FYMW-09

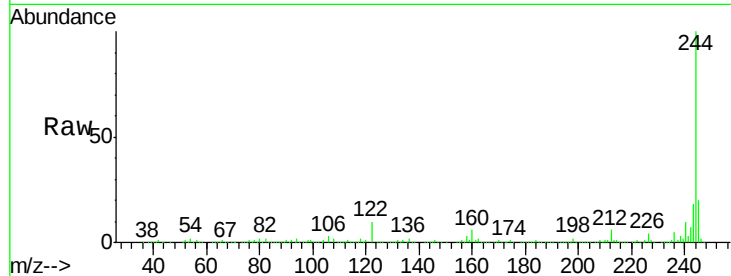
Tgt Ion:244 Resp: 942058

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

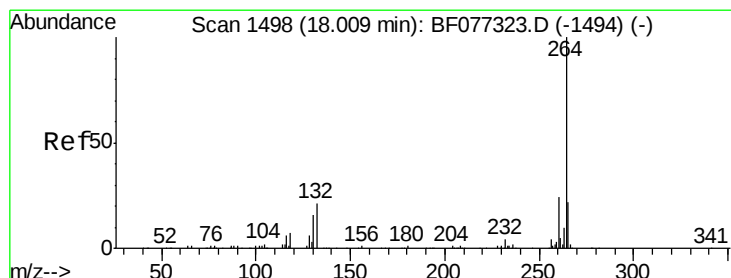
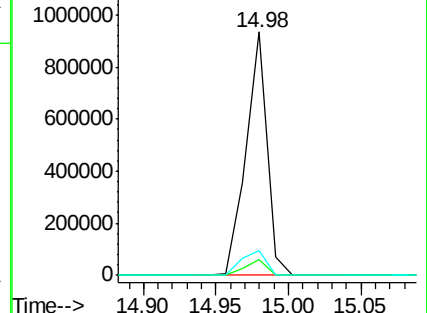
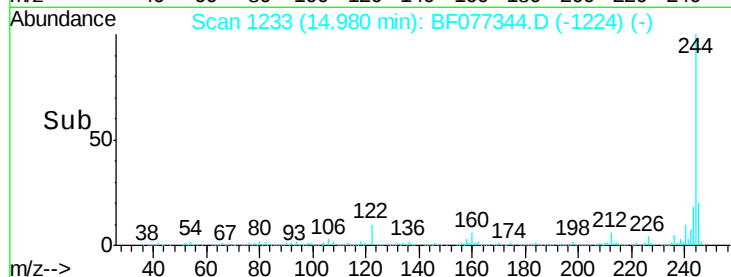
122 10.2 9.3 13.9



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: 18.04 min Scan# 1501

Delta R.T. 0.03 min

Lab File: BF077344.D

Acq: 18 Feb 2015 6:00

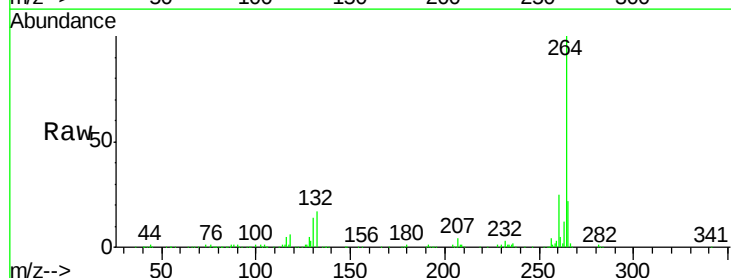
Tgt Ion:264 Resp: 230238

Ion Ratio Lower Upper

264 100

260 24.6 18.9 28.3

265 21.8 17.7 26.5



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

