

Data Path : S:\HPCHEM1\BNA_F\DATA\BF021815\
 Data File : BF077357.D
 Acq On : 18 Feb 2015 17:38
 Operator : TP/IZ
 Sample : G1233-06
 Misc : S
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VMA1(9.5-10)

Quant Time: Feb 19 03:17:00 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

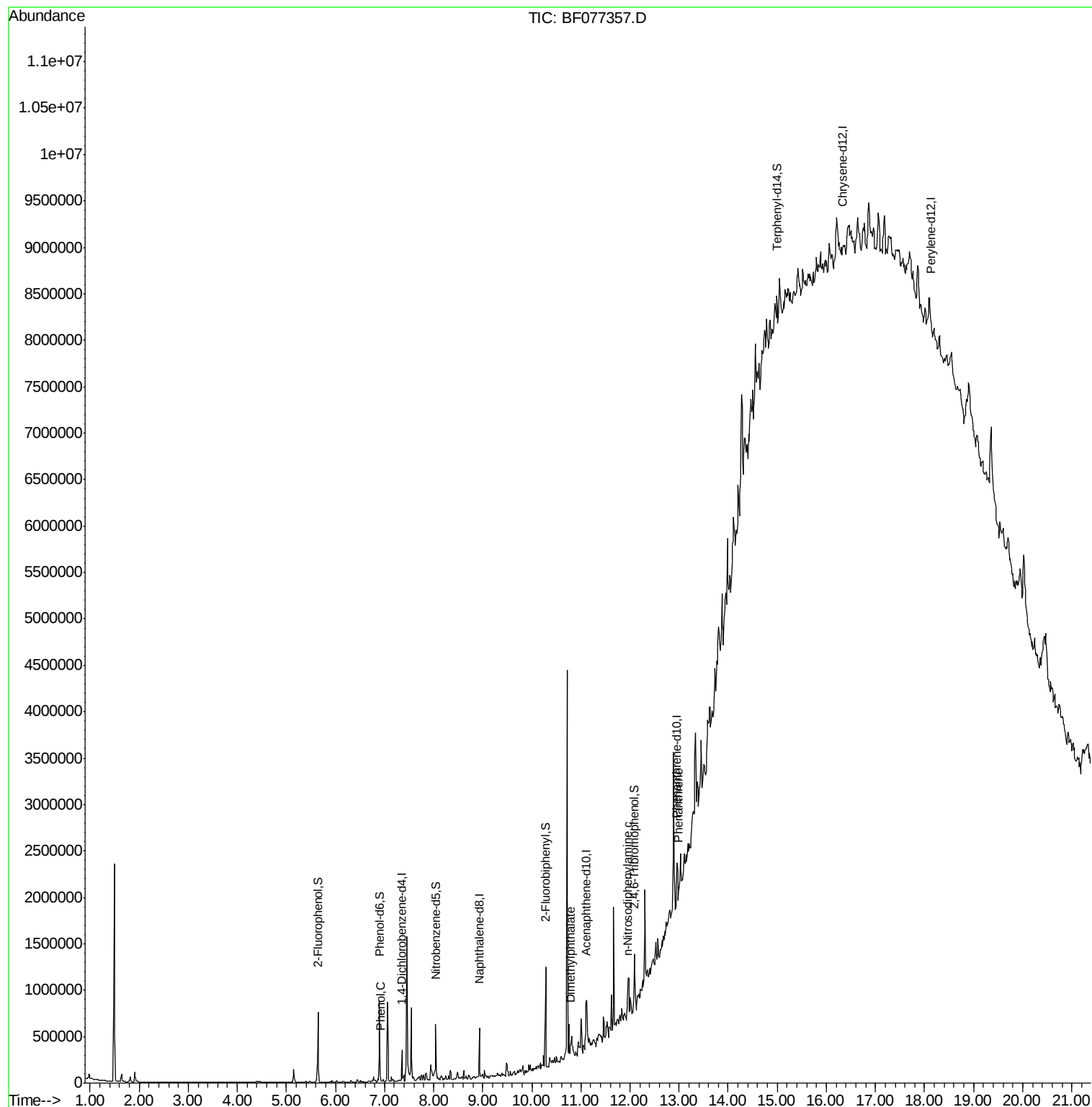
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	51859	20.00	ng	-0.02
21) Naphthalene-d8	8.93	136	217883	20.00	ng	-0.02
38) Acenaphthene-d10	11.12	164	110534	20.00	ng	-0.02
63) Phenanthrene-d10	12.96	188	200215	20.00	ng	-0.02
75) Chrysene-d12	16.33	240	70839m	20.00	ng	0.06
86) Perylene-d12	18.12	264	89914	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	225977	74.47	ng	-0.02
7) Phenol-d6	6.90	99	301109	75.96	ng	-0.02
23) Nitrobenzene-d5	8.04	82	166477	52.91	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	80310	78.51	ng	-0.02
44) 2-Fluorobiphenyl	10.28	172	398792	54.39	ng	-0.02
78) Terphenyl-d14	14.99	244	225093m	72.24	ng	0.01
Target Compounds						
10) Phenol	6.91	94	9316	2.02	ng	Qvalue 97
49) Dimethylphthalate	10.78	163	31674	4.16	ng	# 96
65) n-Nitrosodiphenylamine	11.95	169	54483	8.34	ng	87
70) Phenanthrene	12.99	178	61893	5.32	ng	# 83

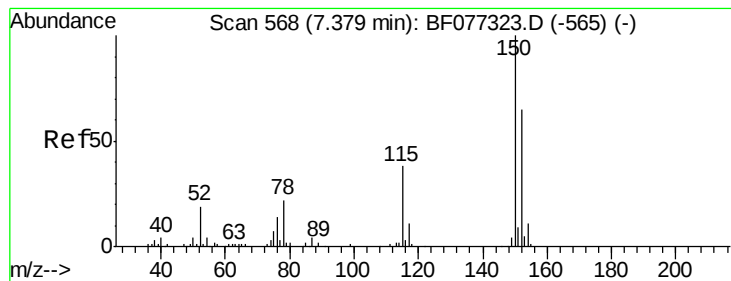
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampled :
VMA1(9.5-10)

Quant Time: Feb 19 03:17:00 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF077357.D

Acq: 18 Feb 2015 17:38

Instrument :

BNA_F

ClientSampleId :

VMA1(9.5-10)

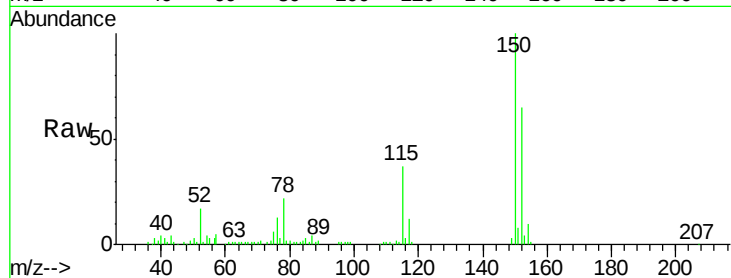
Tgt Ion:152 Resp: 51859

Ion Ratio Lower Upper

152 100

150 153.8 123.1 184.7

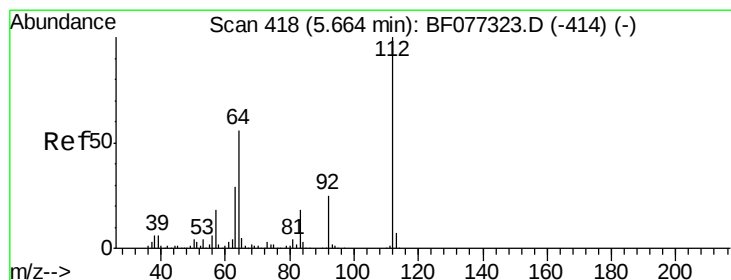
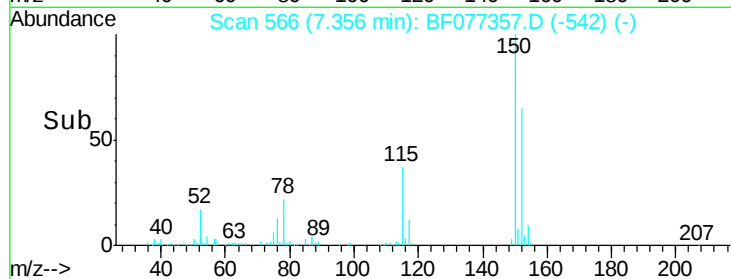
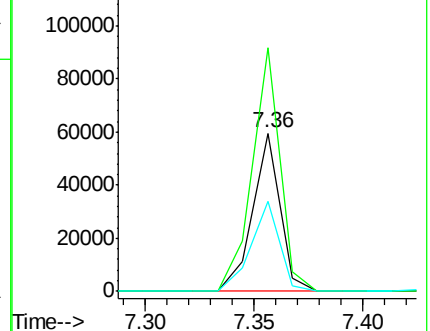
115 56.7 46.2 69.4



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: 74.47 ng

RT: 5.64 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF077357.D

Acq: 18 Feb 2015 17:38

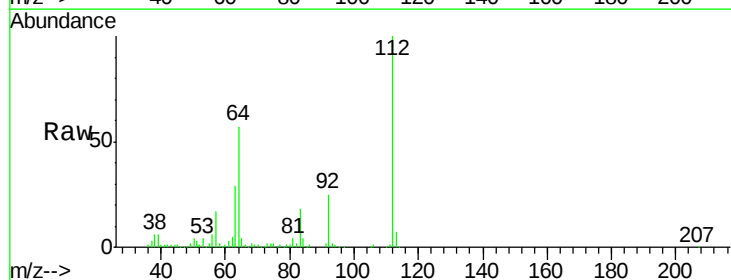
Tgt Ion:112 Resp: 225977

Ion Ratio Lower Upper

112 100

64 57.0 44.7 67.1

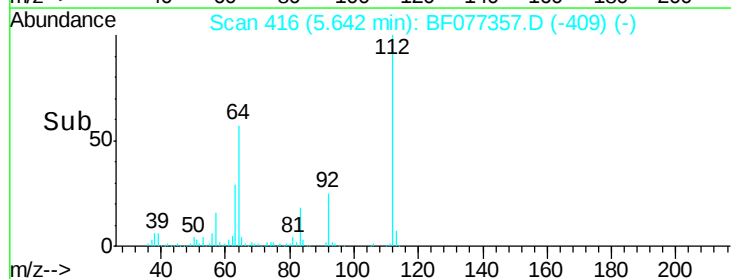
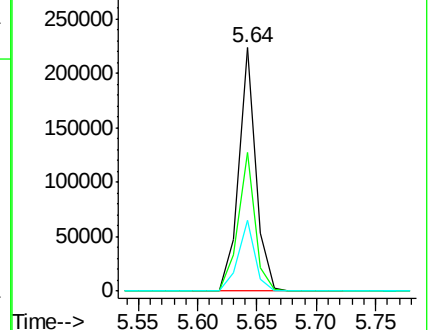
63 28.9 23.3 34.9

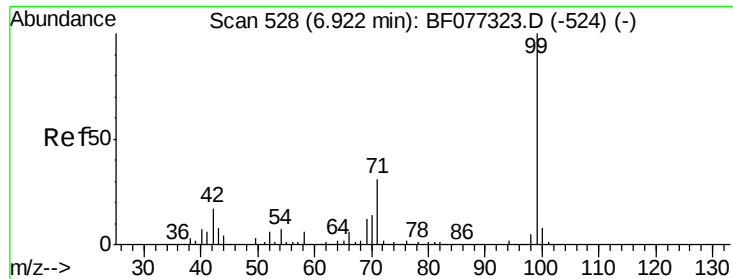


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.96 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF077357.D

Acq: 18 Feb 2015 17:38

Instrument :

BNA_F

ClientSampleId :

VMA1(9.5-10)

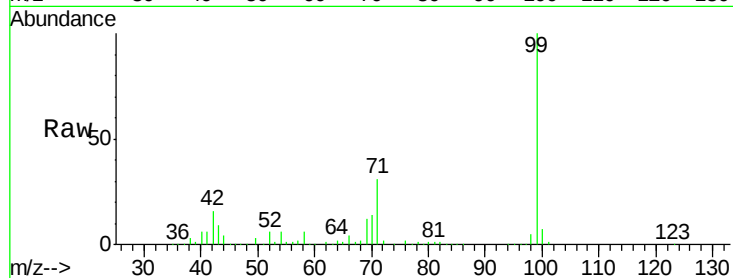
Tgt Ion: 99 Resp: 301109

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.6

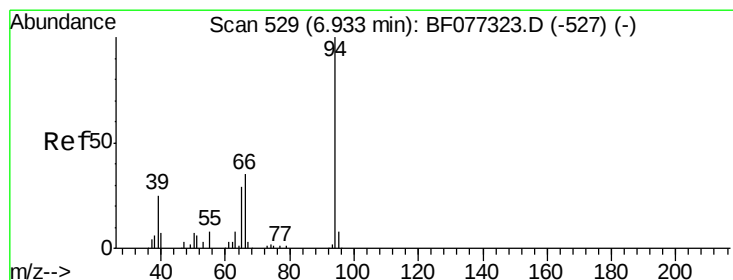
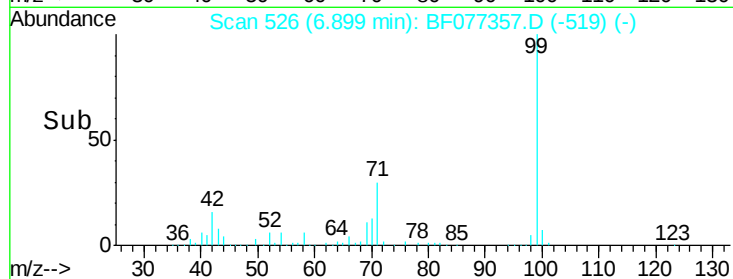
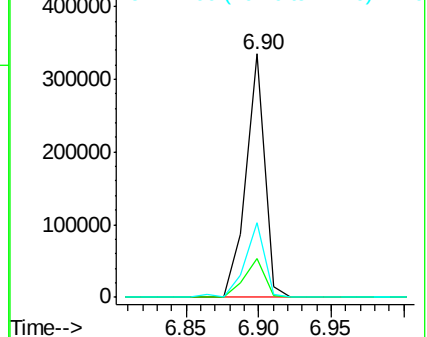
71 30.5 24.6 37.0



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: 2.02 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF077357.D

Acq: 18 Feb 2015 17:38

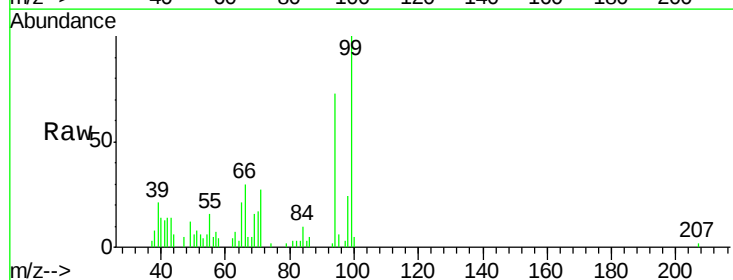
Tgt Ion: 94 Resp: 9316

Ion Ratio Lower Upper

94 100

65 28.5 9.3 49.3

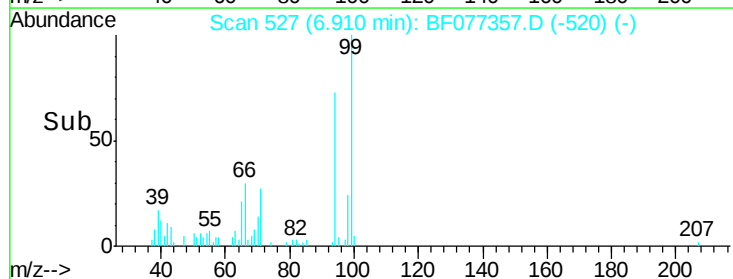
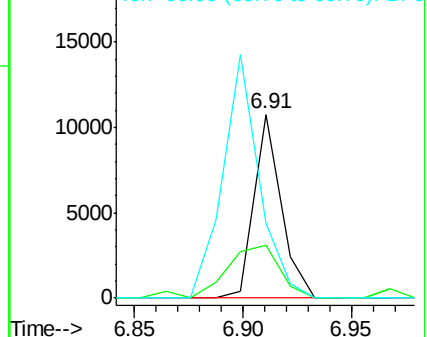
66 40.7 18.3 58.3

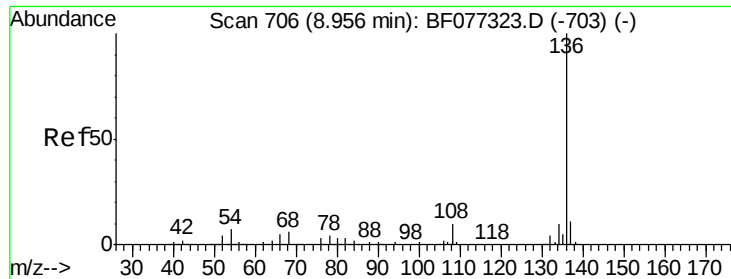


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

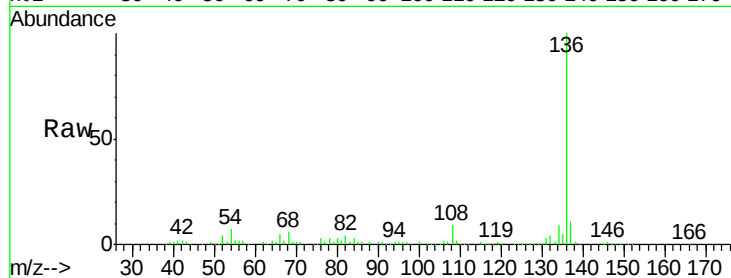




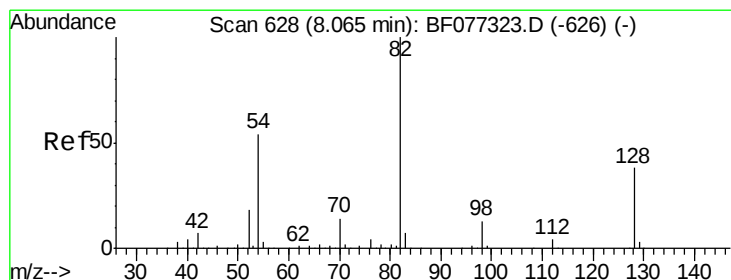
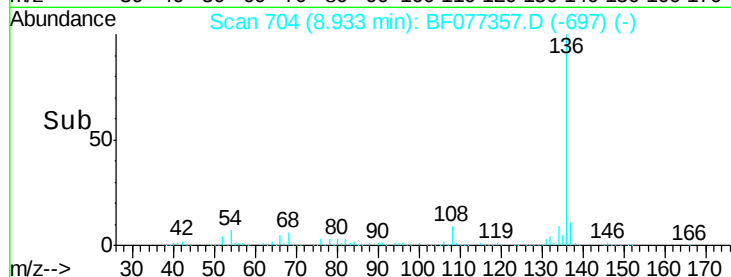
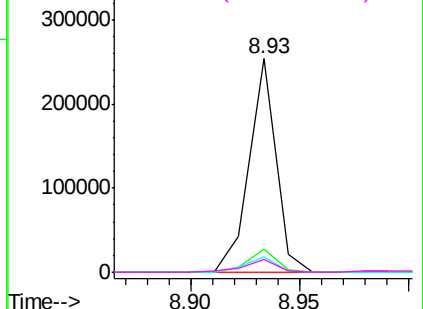
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Instrument :
BNA_F
ClientSampleId :
VMA1(9.5-10)

Tgt Ion:	136	Resp:	217883
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.3	5.8	8.6
68	5.9	4.6	6.8

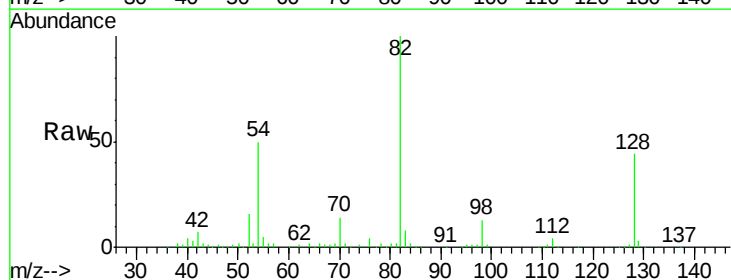


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

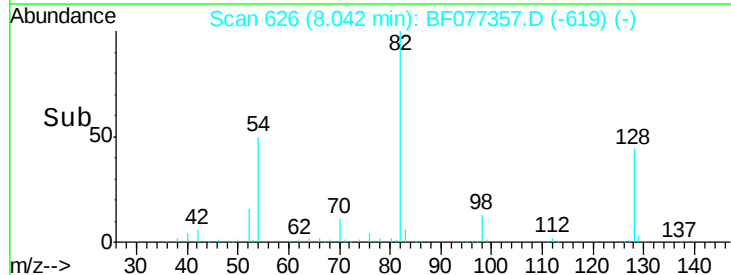
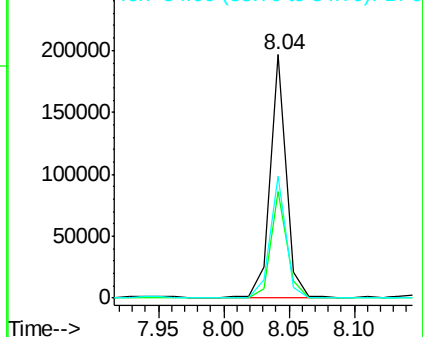


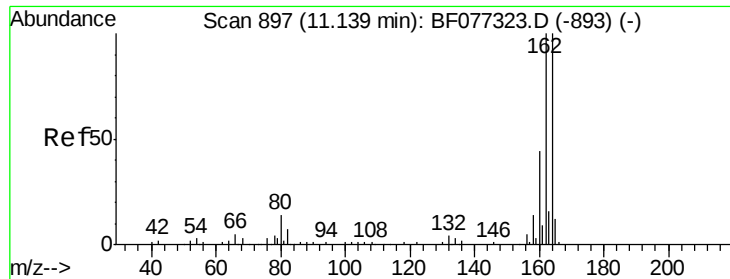
#23
Nitrobenzene-d5
Concen: 52.91 ng
RT: 8.04 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF077357.D
Acq: 18 Feb 2015 17:38

Tgt Ion:	82	Resp:	166477
Ion	Ratio	Lower	Upper
82	100		
128	43.9	30.7	46.1
54	50.1	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: 11.12 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF077357.D

Acq: 18 Feb 2015 17:38

Instrument :

BNA_F

ClientSampleId :

VMA1(9.5-10)

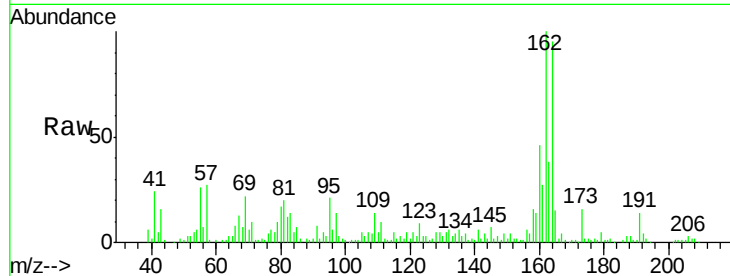
Tgt Ion:164 Resp: 110534

Ion Ratio Lower Upper

164 100

162 105.5 80.4 120.6

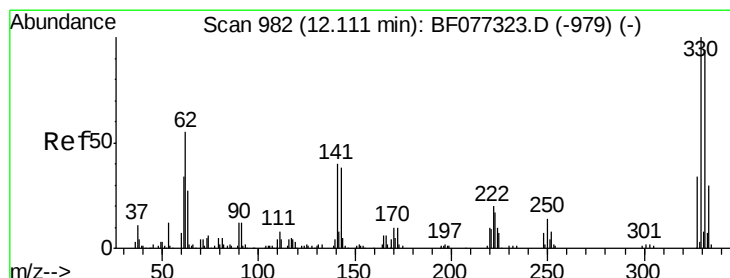
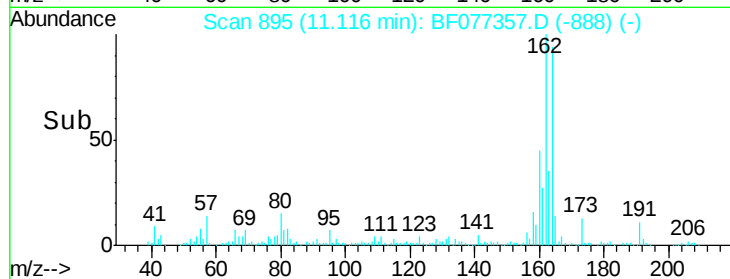
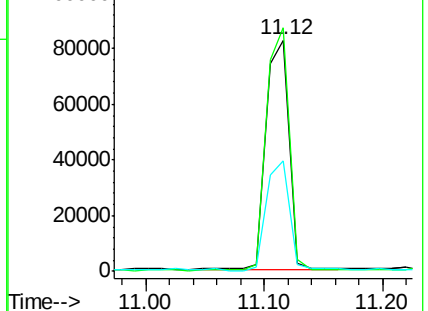
160 48.1 35.3 52.9



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: 78.51 ng

RT: 12.09 min Scan# 980

Delta R.T. -0.02 min

Lab File: BF077357.D

Acq: 18 Feb 2015 17:38

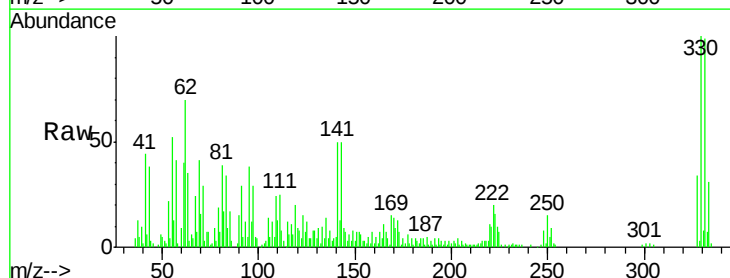
Tgt Ion:330 Resp: 80310

Ion Ratio Lower Upper

330 100

332 101.4 76.1 114.1

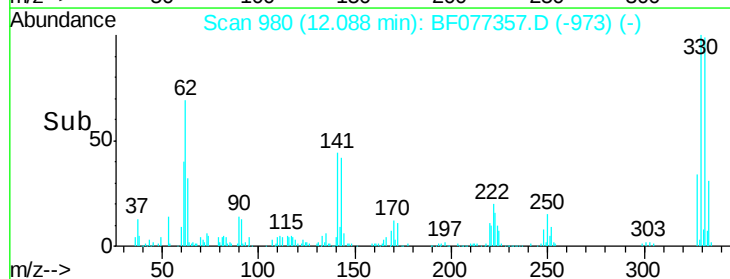
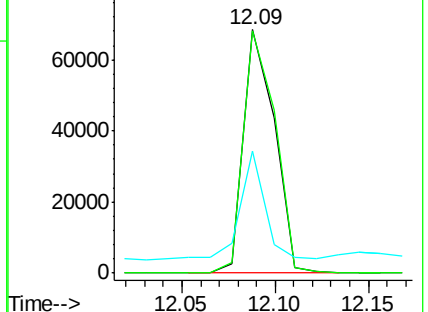
141 37.2 28.5 42.7

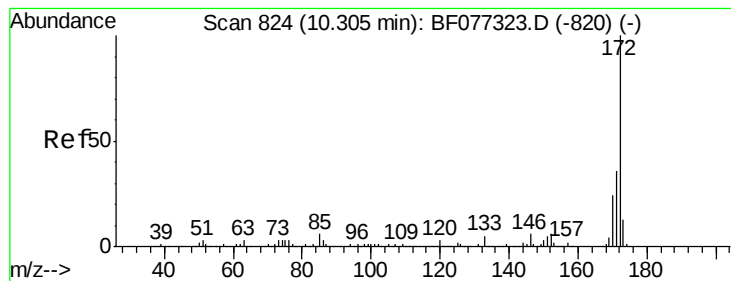


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 54.39 ng

RT: 10.28 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF077357.D

Acq: 18 Feb 2015 17:38

Instrument :

BNA_F

ClientSampleId :

VMA1(9.5-10)

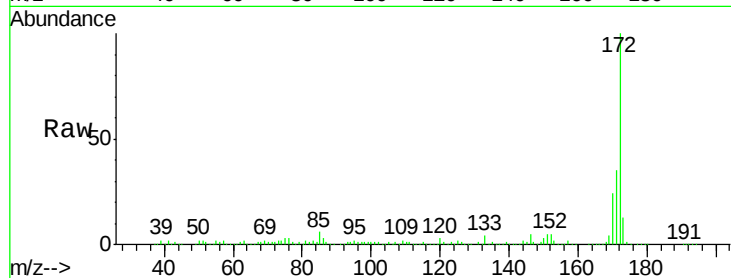
Tgt Ion:172 Resp: 398792

Ion Ratio Lower Upper

172 100

171 34.9 28.9 43.3

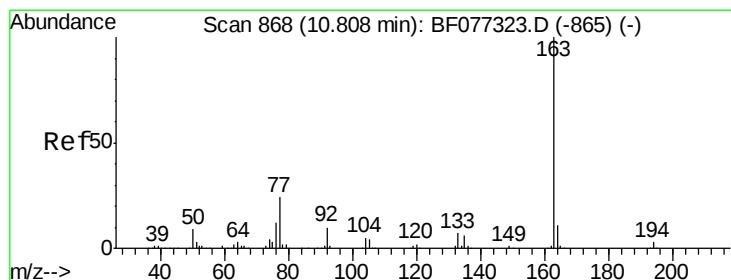
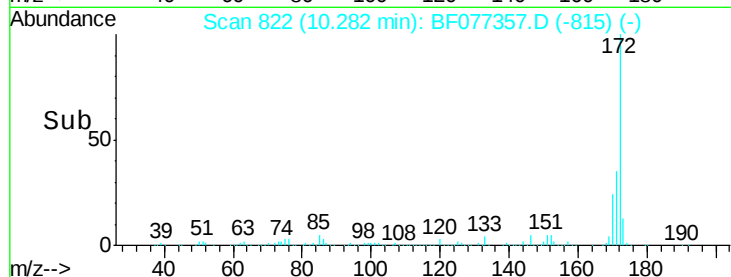
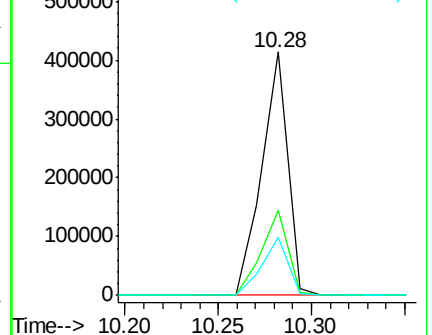
170 23.7 19.4 29.2



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: 4.16 ng

RT: 10.78 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF077357.D

Acq: 18 Feb 2015 17:38

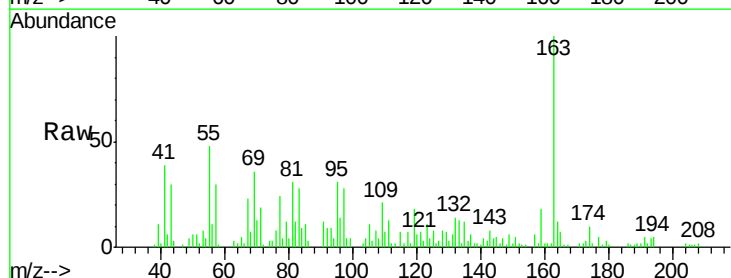
Tgt Ion:163 Resp: 31674

Ion Ratio Lower Upper

163 100

194 5.1 2.6 3.8#

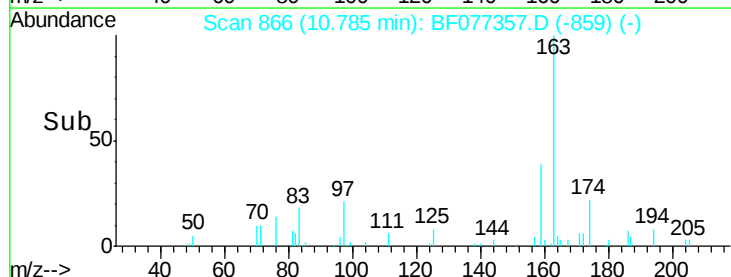
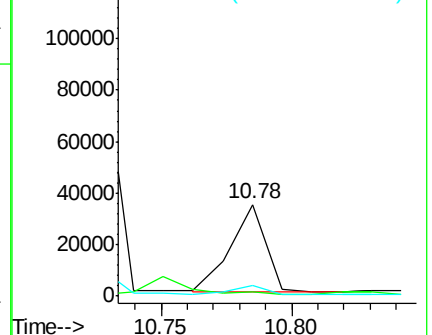
164 11.6 8.4 12.6

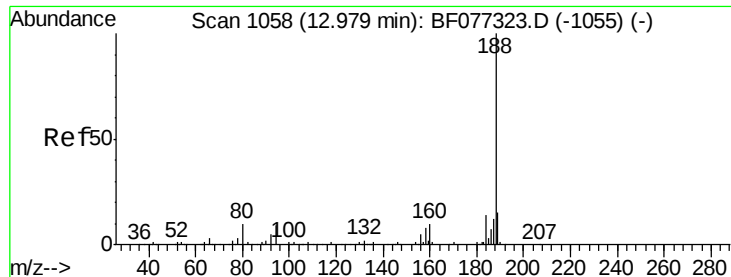


Abundance Ion 163.00 (162.70 to 163.70): E

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: 12.96 min Scan# 1056

Delta R.T. -0.02 min

Lab File: BF077357.D

Acq: 18 Feb 2015 17:38

Instrument :

BNA_F

ClientSampleId :

VMA1(9.5-10)

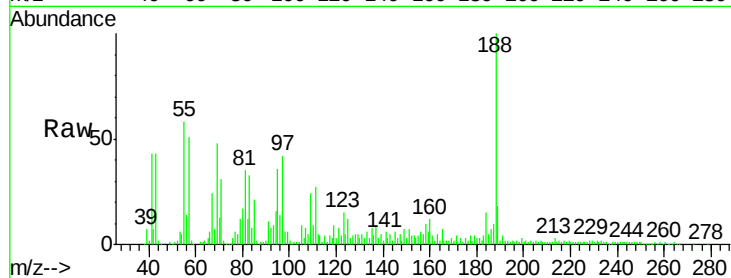
Tgt Ion:188 Resp: 200215

Ion Ratio Lower Upper

188 100

94 15.6 7.2 10.8#

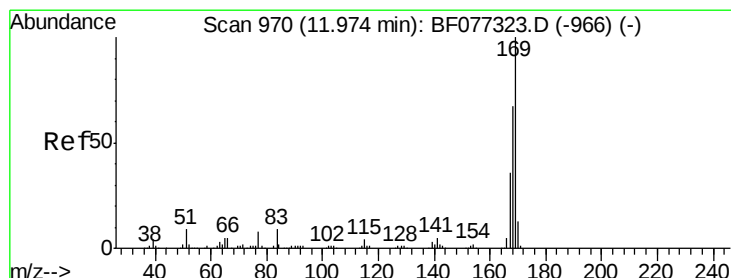
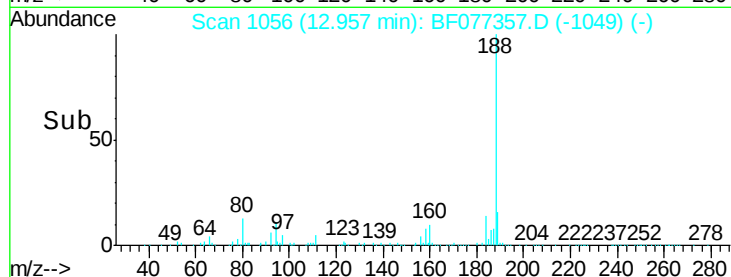
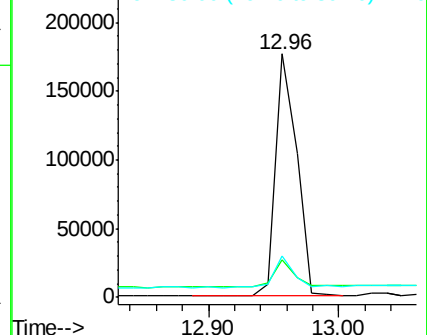
80 16.8 7.8 11.8#



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



#65

n-Nitrosodiphenylamine

Concen: 8.34 ng

RT: 11.95 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF077357.D

Acq: 18 Feb 2015 17:38

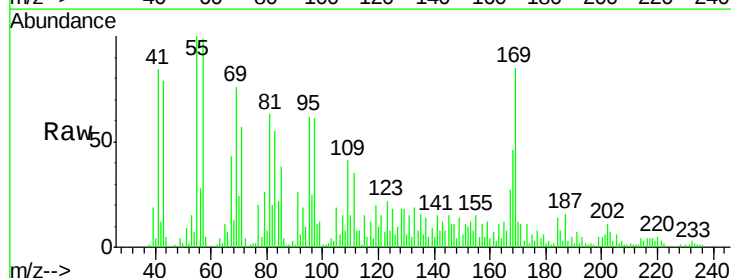
Tgt Ion:169 Resp: 54483

Ion Ratio Lower Upper

169 100

168 53.9 53.4 80.0

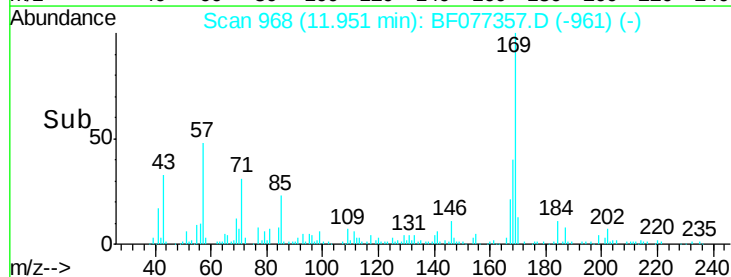
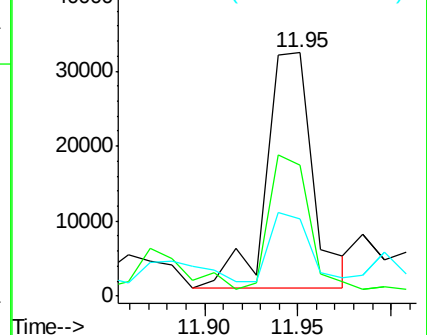
167 31.8 29.1 43.7

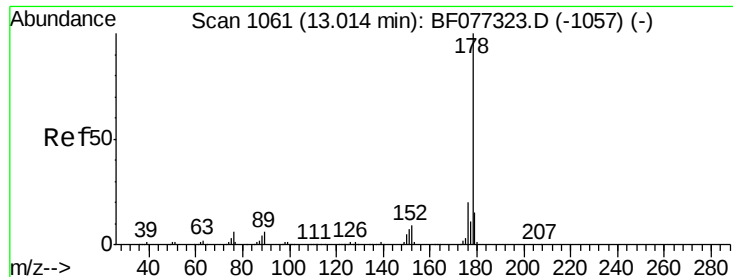


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 5.32 ng

RT: 12.99 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF077357.D

Acq: 18 Feb 2015 17:38

Instrument :

BNA_F

ClientSampleId :

VMA1(9.5-10)

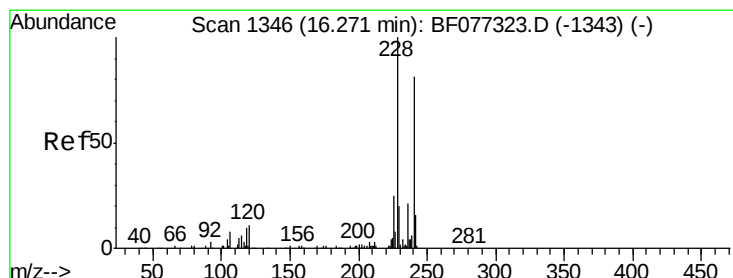
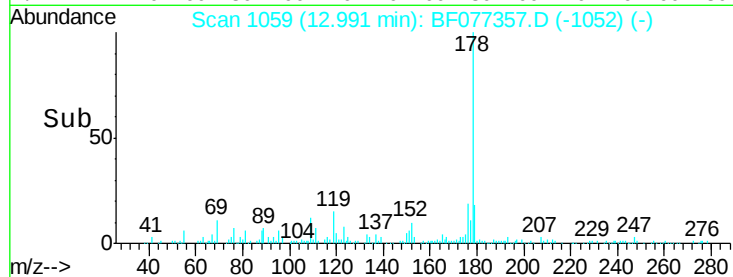
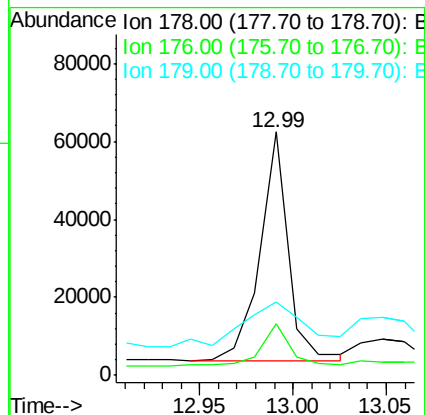
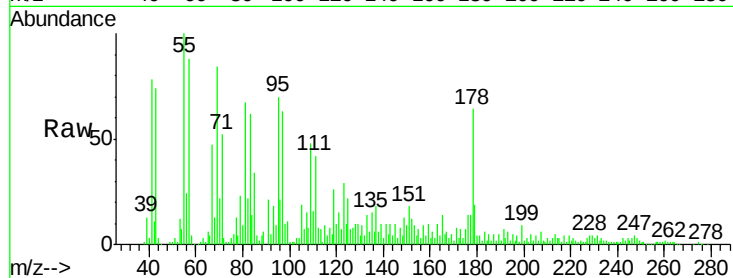
Tgt Ion:178 Resp: 61893

Ion Ratio Lower Upper

178 100

176 21.3 15.6 23.4

179 29.9 12.3 18.5#



#75

Chrysene-d12

Concen: 20.00 ng m

RT: 16.33 min Scan# 1351

Delta R.T. 0.06 min

Lab File: BF077357.D

Acq: 18 Feb 2015 17:38

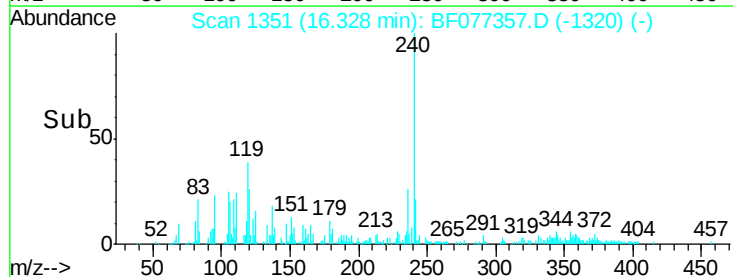
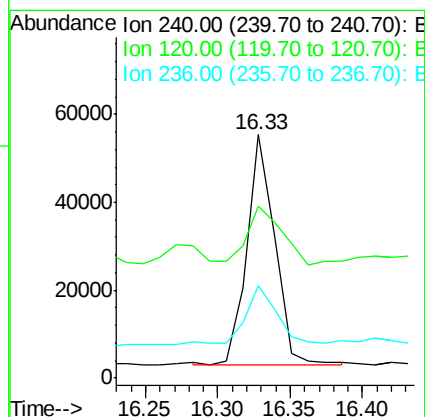
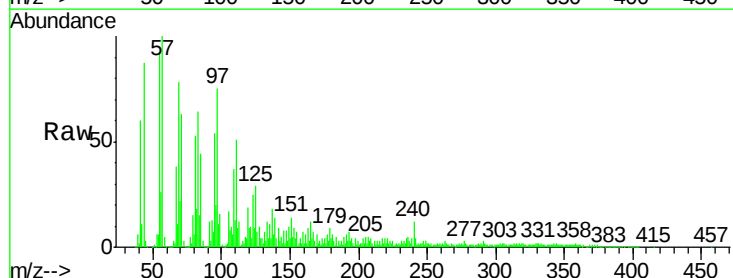
Tgt Ion:240 Resp: 70839

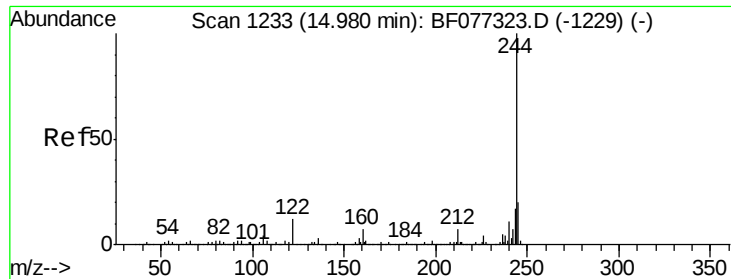
Ion Ratio Lower Upper

240 100

120 70.6 11.3 16.9#

236 37.9 20.3 30.5#

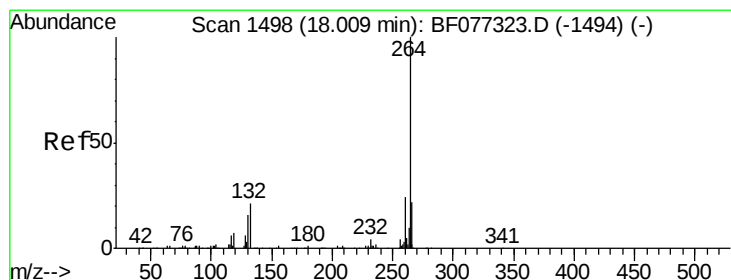
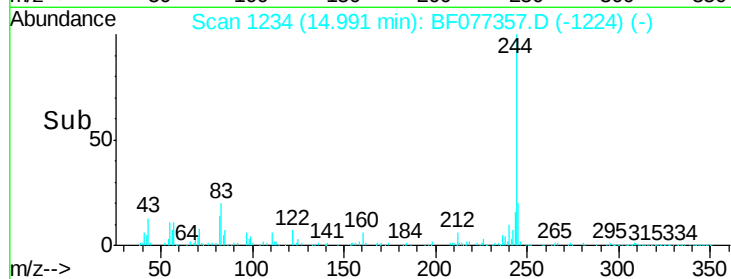
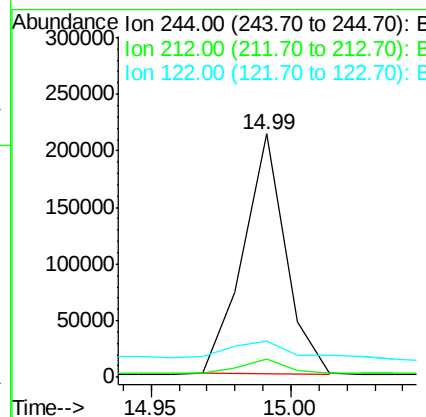
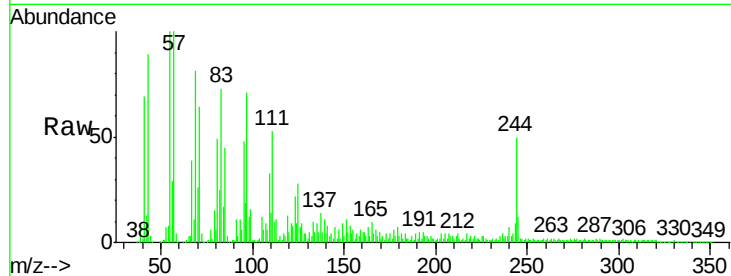




#78
 Terphenyl-d14
 Concen: 72.24 ng m
 RT: 14.99 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BF077357.D
 Acq: 18 Feb 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 VMA1(9.5-10)

Tgt Ion:244 Resp: 225093
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.0
 122 15.1 9.3 13.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.12 min Scan# 1508
 Delta R.T. 0.11 min
 Lab File: BF077357.D
 Acq: 18 Feb 2015 17:38

Tgt Ion:264 Resp: 89914
 Ion Ratio Lower Upper
 264 100
 260 30.8 18.9 28.3#
 265 30.2 17.7 26.5#

