

Data Path : S:\HPCHEM1\BNA_F\DATA\BF021815\
 Data File : BF077356.D
 Acq On : 18 Feb 2015 17:09
 Operator : TP/IZ
 Sample : G1233-05
 Misc : S
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VMA4(9.5-10)

Quant Time: Feb 19 03:00:02 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

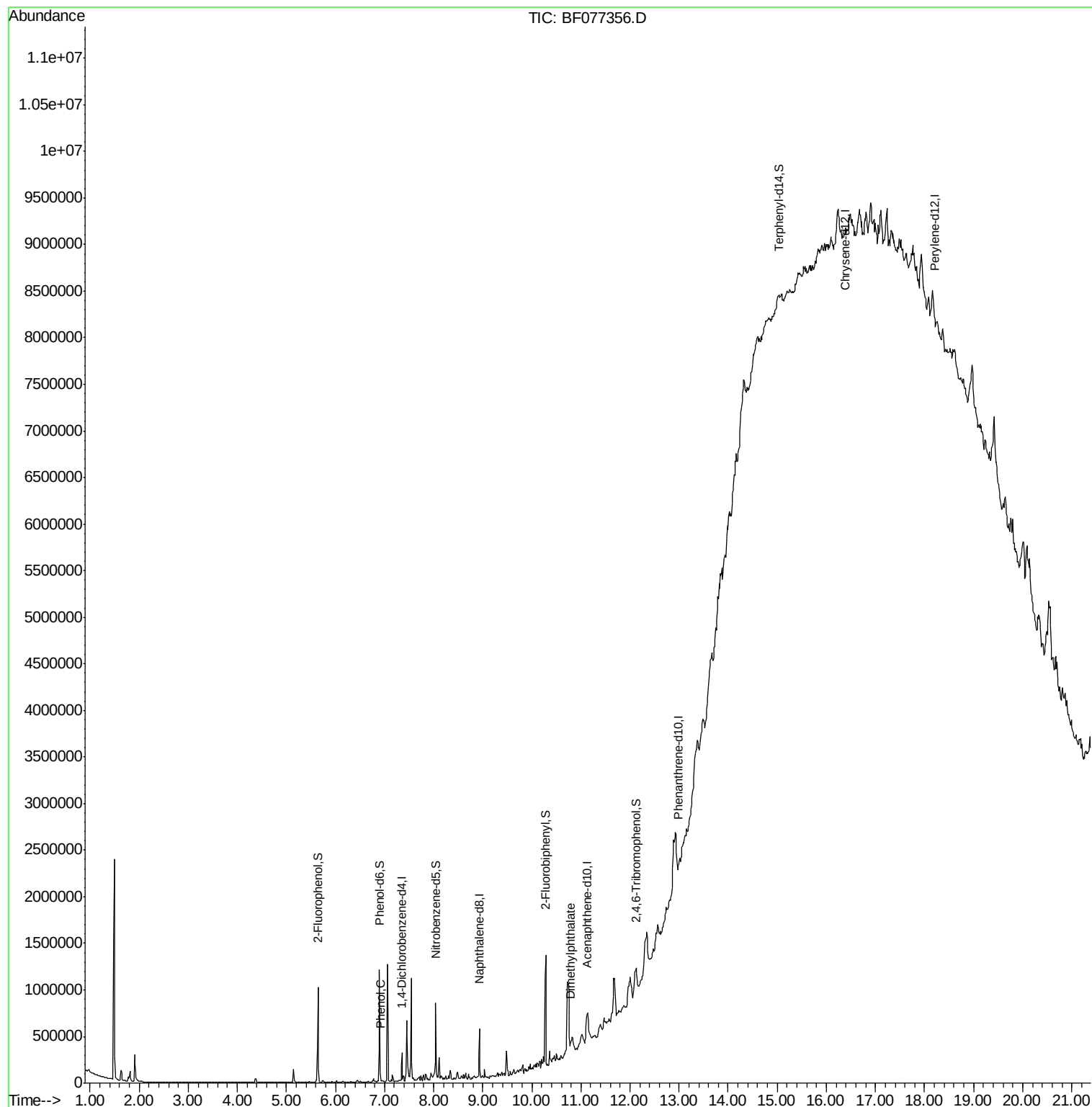
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	55399	20.00	ng	-0.02
21) Naphthalene-d8	8.93	136	225005	20.00	ng	-0.02
38) Acenaphthene-d10	11.13	164	114140m	20.00	ng	-0.01
63) Phenanthrene-d10	12.99	188	207574m	20.00	ng	0.01
75) Chrysene-d12	16.39	240	69163	20.00	ng	0.11
86) Perylene-d12	18.20	264	97111	20.00	ng	0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	310299	95.72	ng	-0.02
7) Phenol-d6	6.90	99	409273	96.65	ng	-0.02
23) Nitrobenzene-d5	8.04	82	236879	72.90	ng	-0.02
41) 2,4,6-Tribromophenol	12.12	330	113982m	107.43	ng	0.01
44) 2-Fluorobiphenyl	10.28	172	526233	69.50	ng	-0.02
78) Terphenyl-d14	15.03	244	282579m	92.89	ng	0.05
Target Compounds						
10) Phenol	6.91	94	11555	2.35	ng	Qvalue 93
49) Dimethylphthalate	10.79	163	43833	5.58	ng	# 93

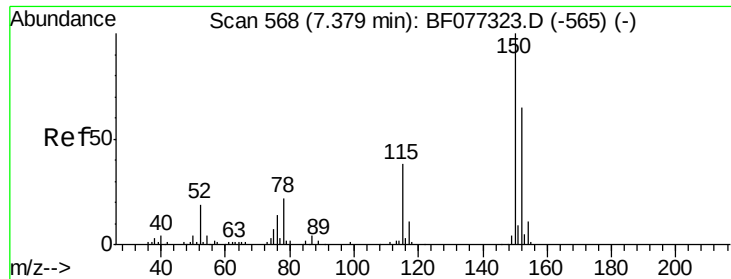
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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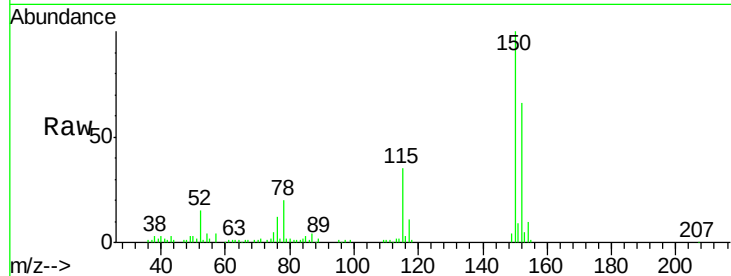


#1

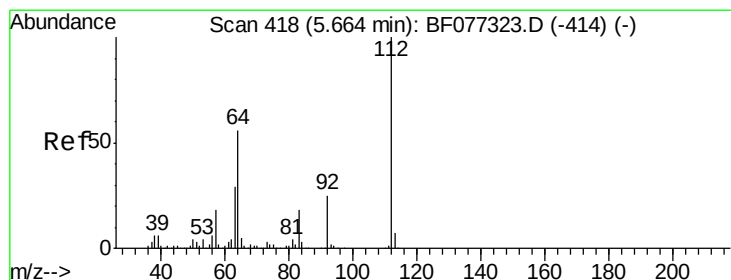
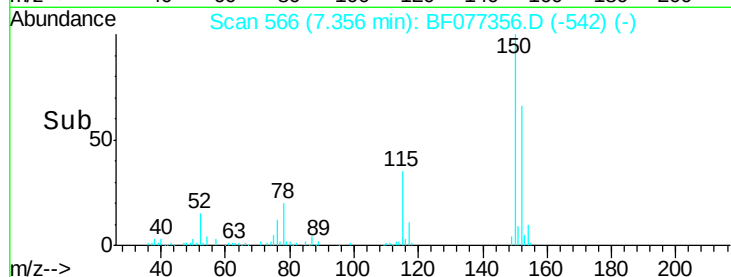
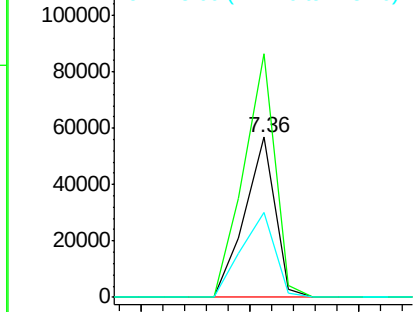
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :
VMA4(9.5-10)

Tgt Ion:152 Resp: 55399
Ion Ratio Lower Upper
152 100
150 151.8 123.1 184.7
115 52.6 46.2 69.4



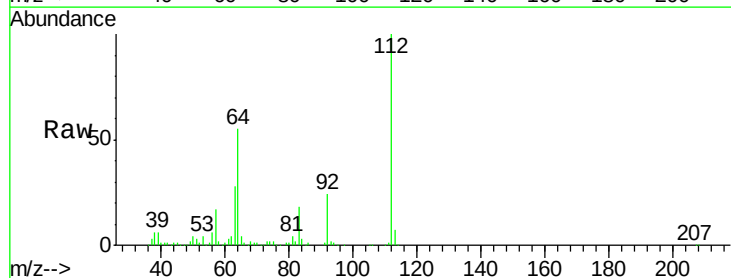
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



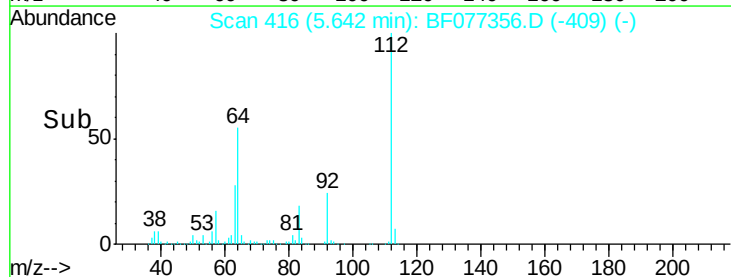
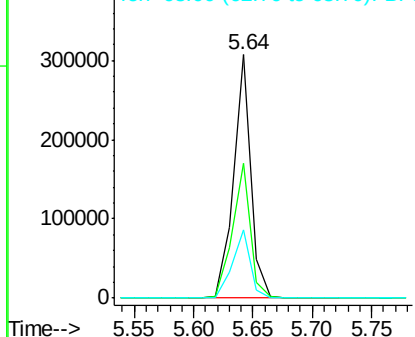
#5

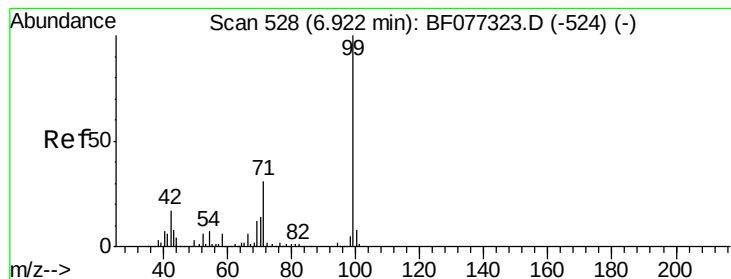
2-Fluorophenol
Concen: 95.72 ng
RT: 5.64 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Tgt Ion:112 Resp: 310299
Ion Ratio Lower Upper
112 100
64 55.4 44.7 67.1
63 28.2 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: 96.65 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF077356.D

Acq: 18 Feb 2015 17:09

Instrument :

BNA_F

ClientSampleId :

VMA4(9.5-10)

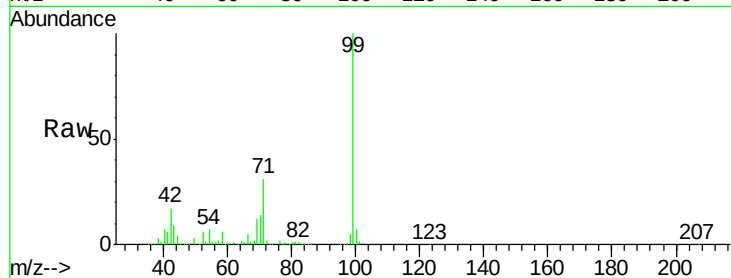
Tgt Ion: 99 Resp: 409273

Ion Ratio Lower Upper

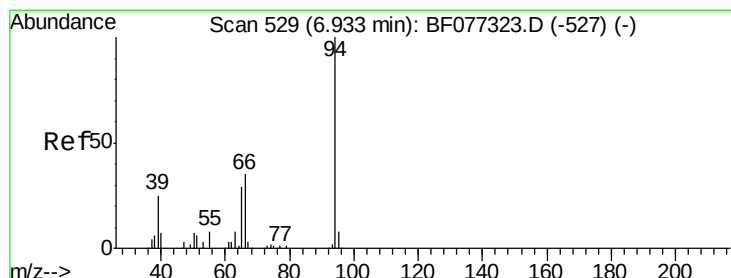
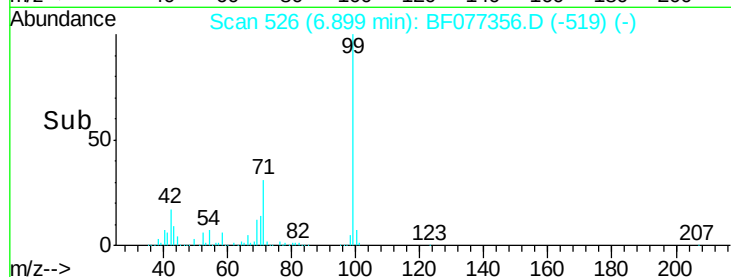
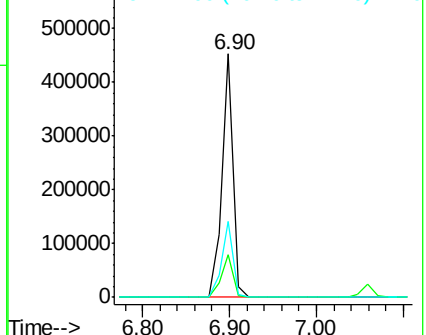
99 100

42 17.4 13.8 20.6

71 31.2 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: 2.35 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF077356.D

Acq: 18 Feb 2015 17:09

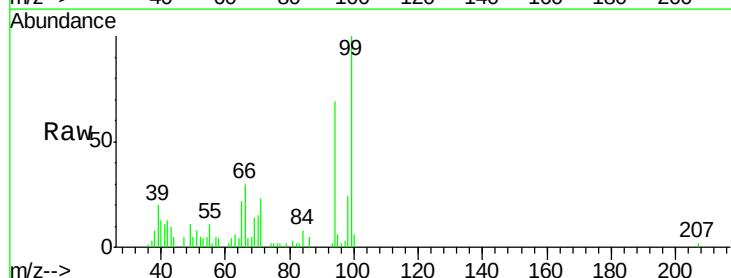
Tgt Ion: 94 Resp: 11555

Ion Ratio Lower Upper

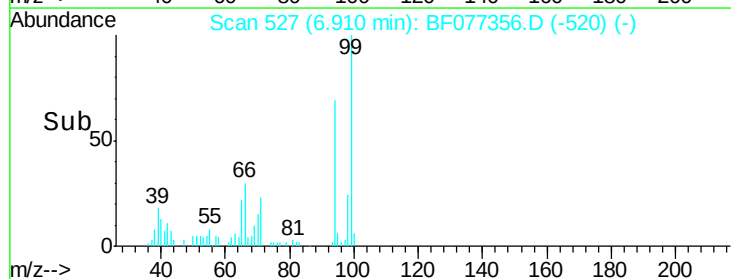
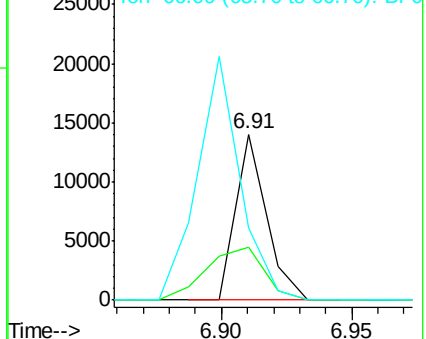
94 100

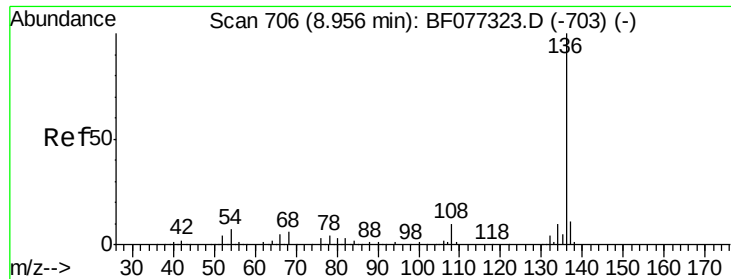
65 32.0 9.3 49.3

66 43.8 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

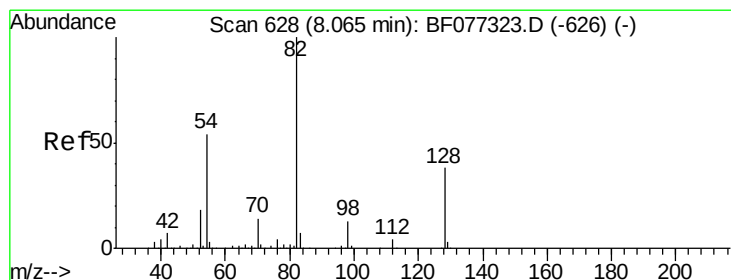
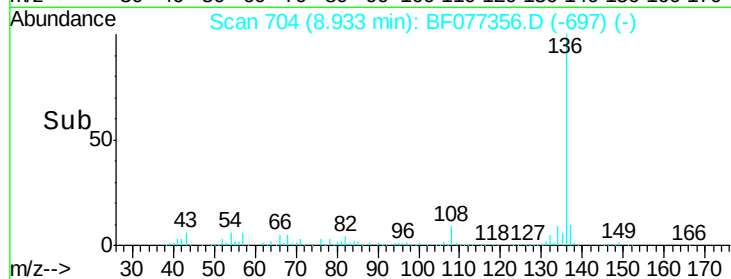
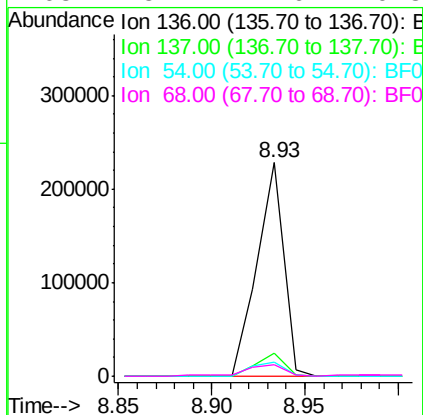
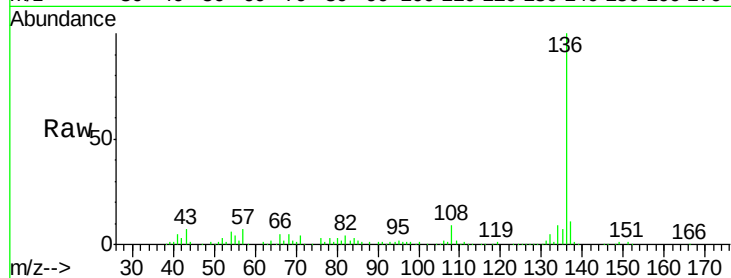




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

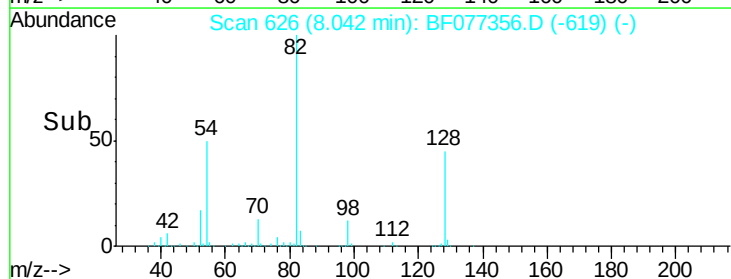
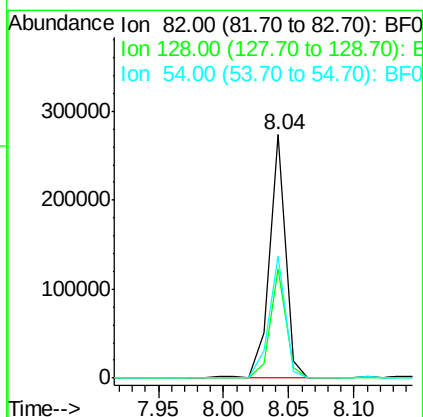
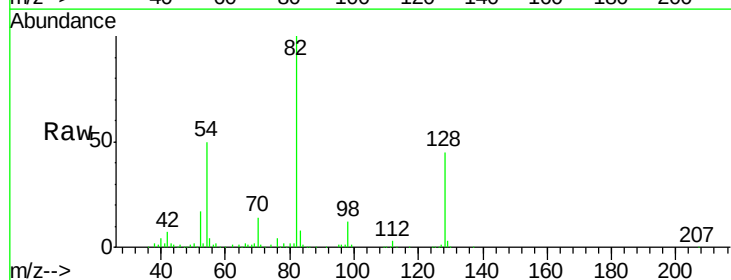
Instrument :
BNA_F
ClientSampleId :
VMA4(9.5-10)

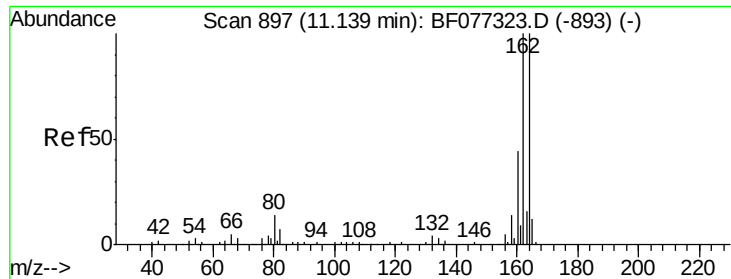
Tgt Ion:	136	Resp:	225005
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.4	5.8	8.6
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 72.90 ng
RT: 8.04 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Tgt Ion:	82	Resp:	236879
Ion	Ratio	Lower	Upper
82	100		
128	44.9	30.7	46.1
54	50.1	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.00 ng m

RT: 11.13 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF077356.D

Acq: 18 Feb 2015 17:09

Instrument :

BNA_F

ClientSampleId :

VMA4(9.5-10)

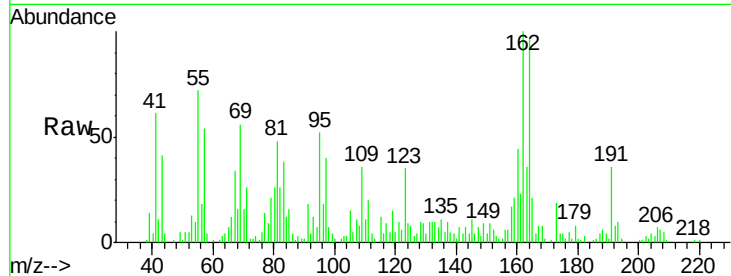
Tgt Ion:164 Resp: 114140

Ion Ratio Lower Upper

164 100

162 102.9 80.4 120.6

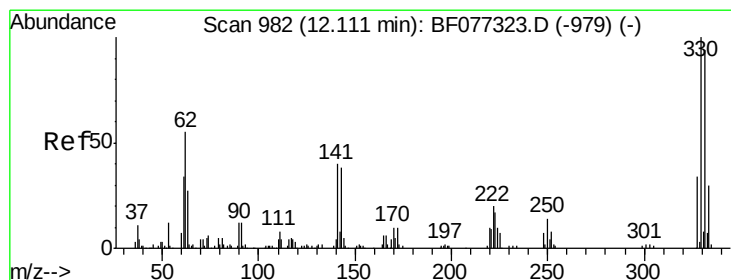
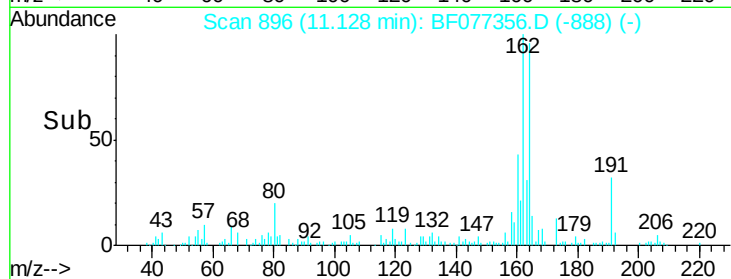
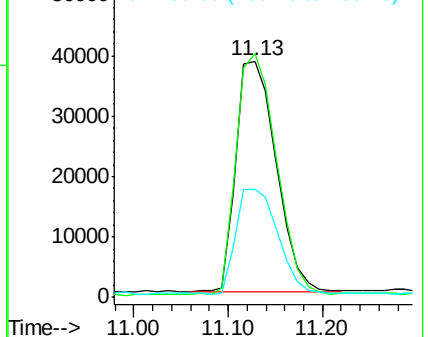
160 45.6 35.3 52.9



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: 107.43 ng m

RT: 12.12 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF077356.D

Acq: 18 Feb 2015 17:09

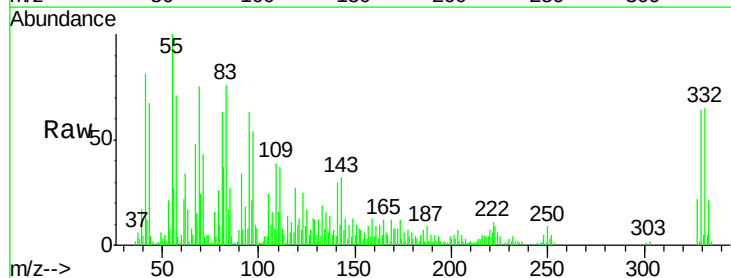
Tgt Ion:330 Resp: 113982

Ion Ratio Lower Upper

330 100

332 103.7 76.1 114.1

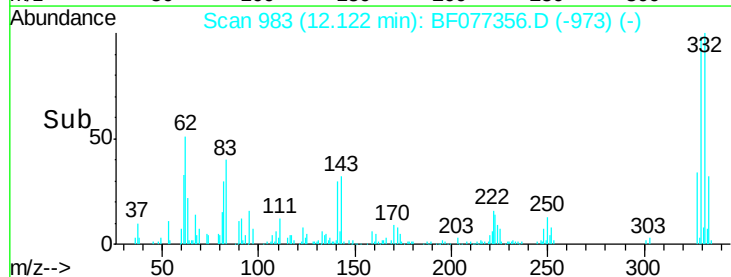
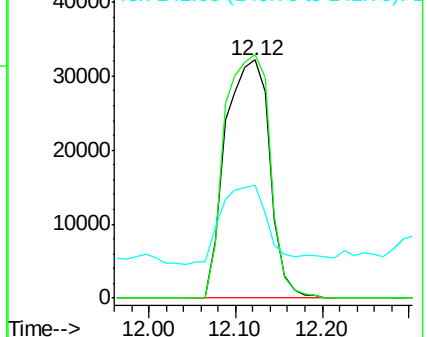
141 34.4 28.5 42.7

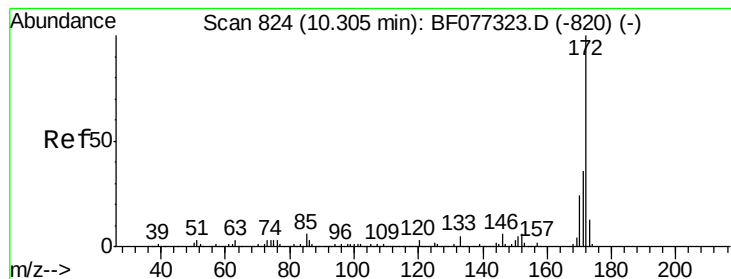


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 69.50 ng

RT: 10.28 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF077356.D

Acq: 18 Feb 2015 17:09

Instrument :

BNA_F

ClientSampleId :

VMA4(9.5-10)

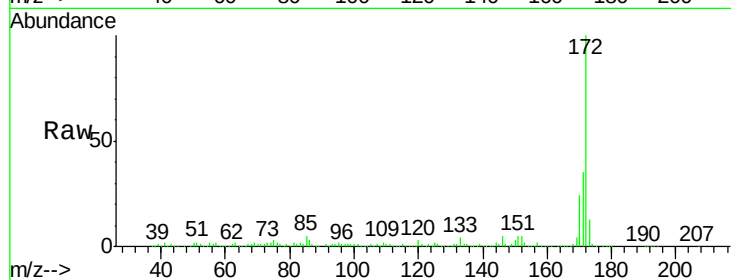
Tgt Ion:172 Resp: 526233

Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

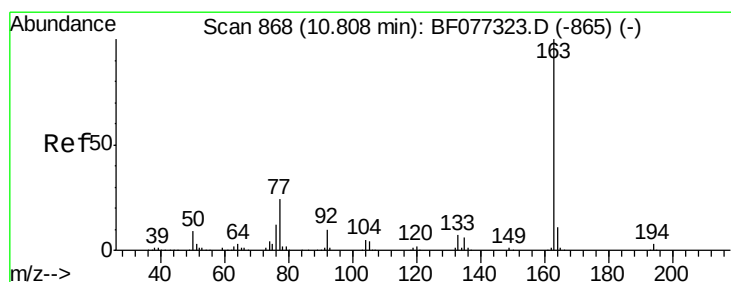
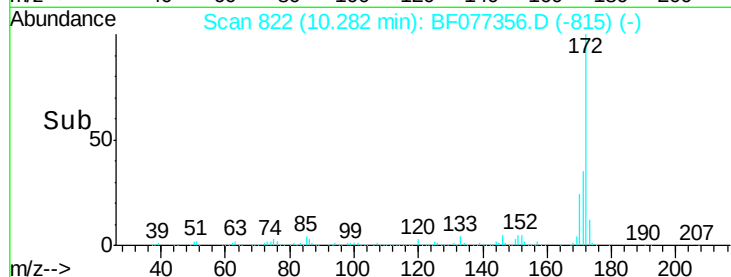
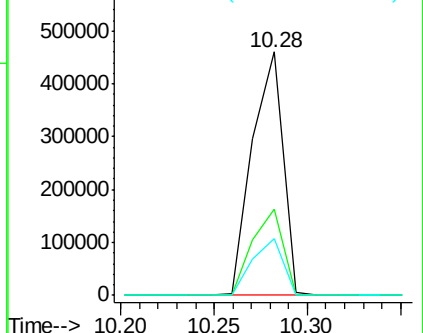
170 23.5 19.4 29.2



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: 5.58 ng

RT: 10.79 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF077356.D

Acq: 18 Feb 2015 17:09

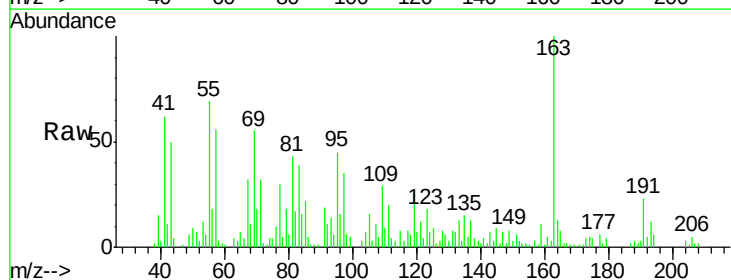
Tgt Ion:163 Resp: 43833

Ion Ratio Lower Upper

163 100

194 6.4 2.6 3.8#

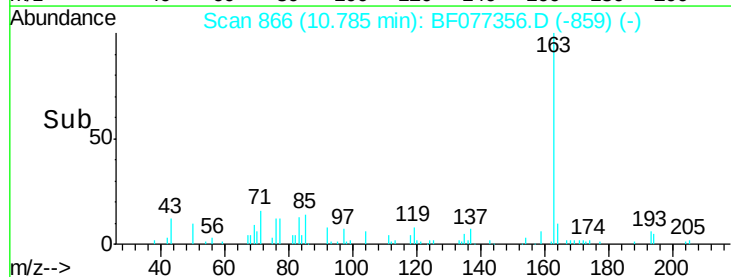
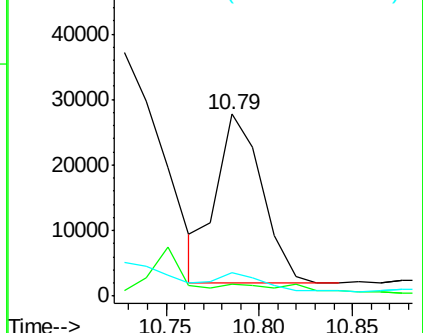
164 12.7 8.4 12.6#

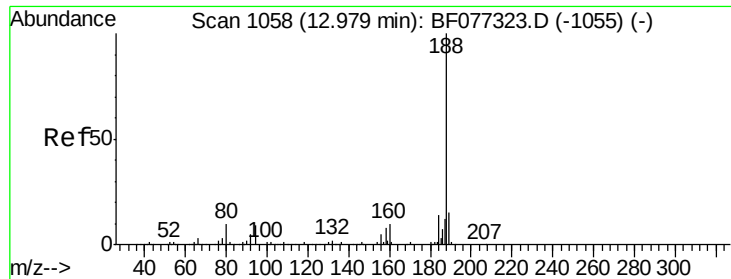


Abundance Ion 163.00 (162.70 to 163.70): E

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 m

RT: 12.99 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BF077356.D

Acq: 18 Feb 2015 17:09

Instrument :

BNA_F

ClientSampleId :

VMA4(9.5-10)

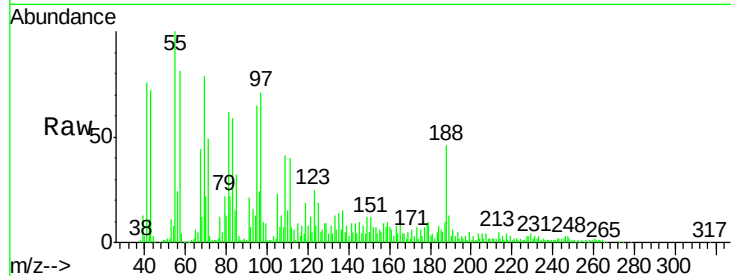
Tgt Ion:188 Resp: 207574

Ion Ratio Lower Upper

188 100

94 27.9 7.2 10.8#

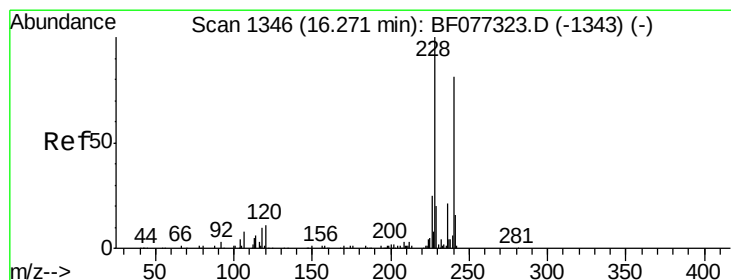
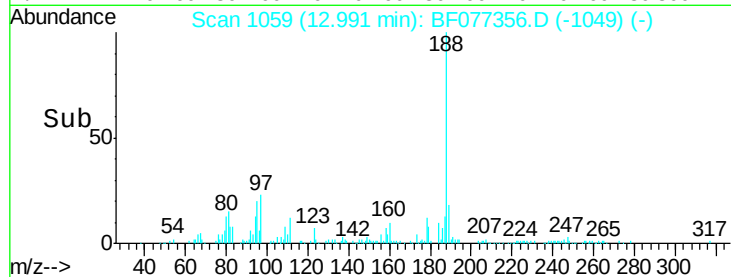
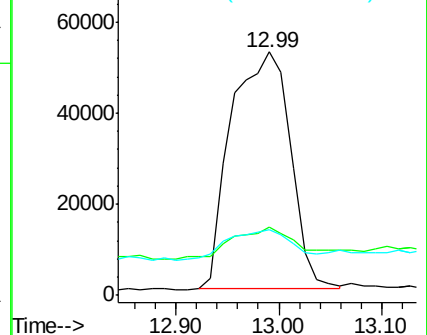
80 27.2 7.8 11.8#



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: 16.39 min Scan# 1356

Delta R.T. 0.11 min

Lab File: BF077356.D

Acq: 18 Feb 2015 17:09

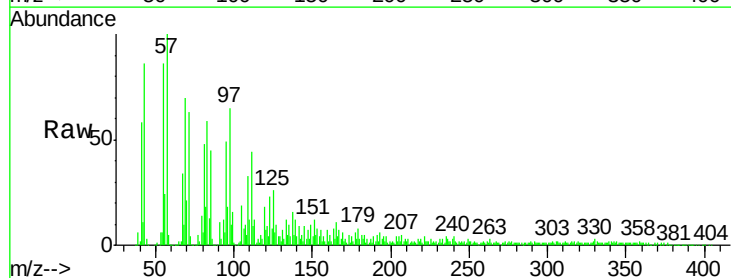
Tgt Ion:240 Resp: 69163

Ion Ratio Lower Upper

240 100

120 171.0 11.3 16.9#

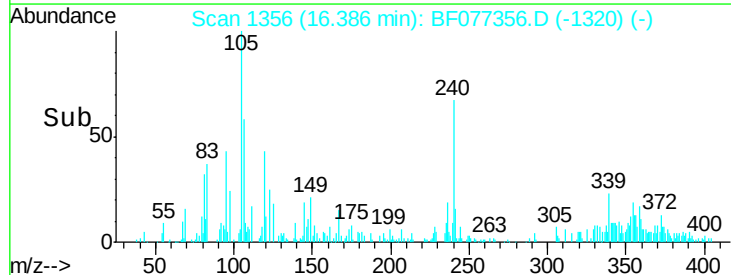
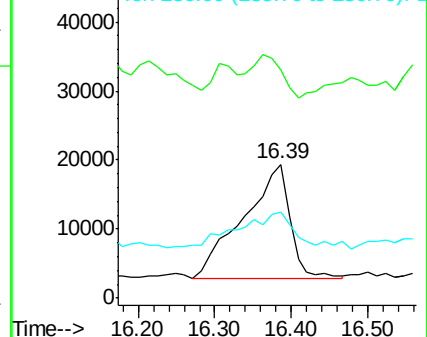
236 64.9 20.3 30.5#

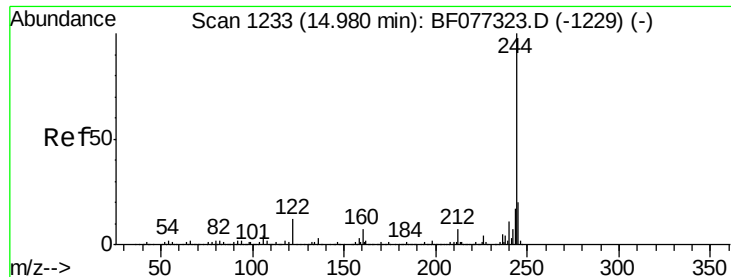


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.89 ng m

RT: 15.03 min Scan# 1237

Delta R.T. 0.05 min

Lab File: BF077356.D

Acq: 18 Feb 2015 17:09

Instrument :

BNA_F

ClientSampleId :

VMA4(9.5-10)

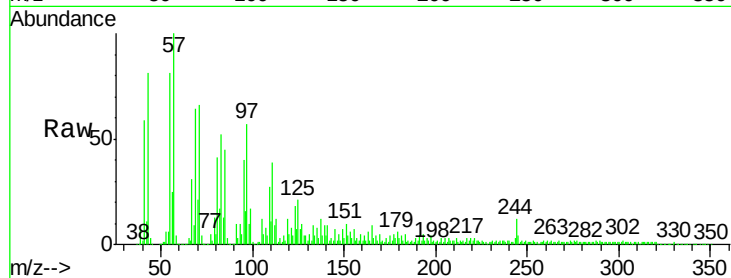
Tgt Ion:244 Resp: 282579

Ion Ratio Lower Upper

244 100

212 11.0 5.4 8.0#

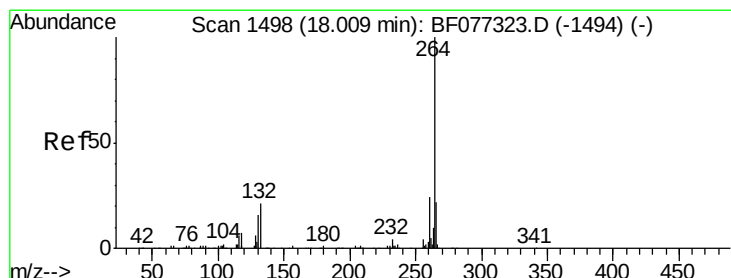
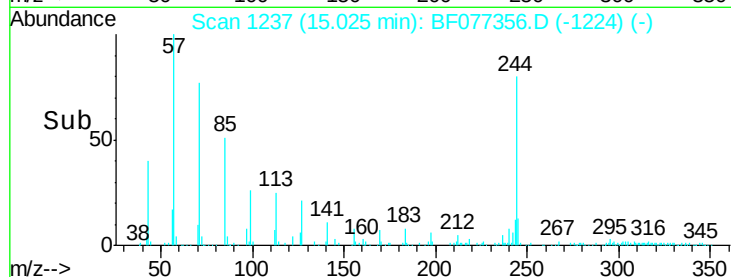
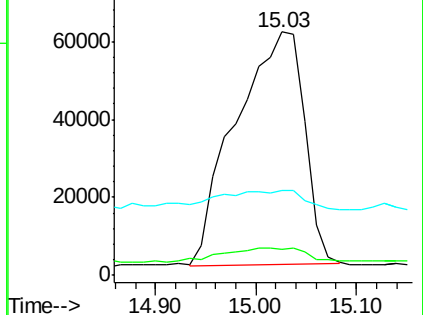
122 34.7 9.3 13.9#



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: 18.20 min Scan# 1515

Delta R.T. 0.19 min

Lab File: BF077356.D

Acq: 18 Feb 2015 17:09

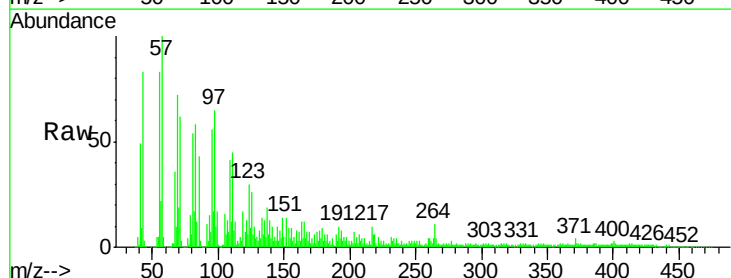
Tgt Ion:264 Resp: 97111

Ion Ratio Lower Upper

264 100

260 34.5 18.9 28.3#

265 35.4 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

