

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
 Data File : BG024523.D
 Acq On : 27 Oct 2016 10:39
 Operator : UM/SJ
 Sample : H5409-05RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

Quant Time: Oct 28 02:10:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

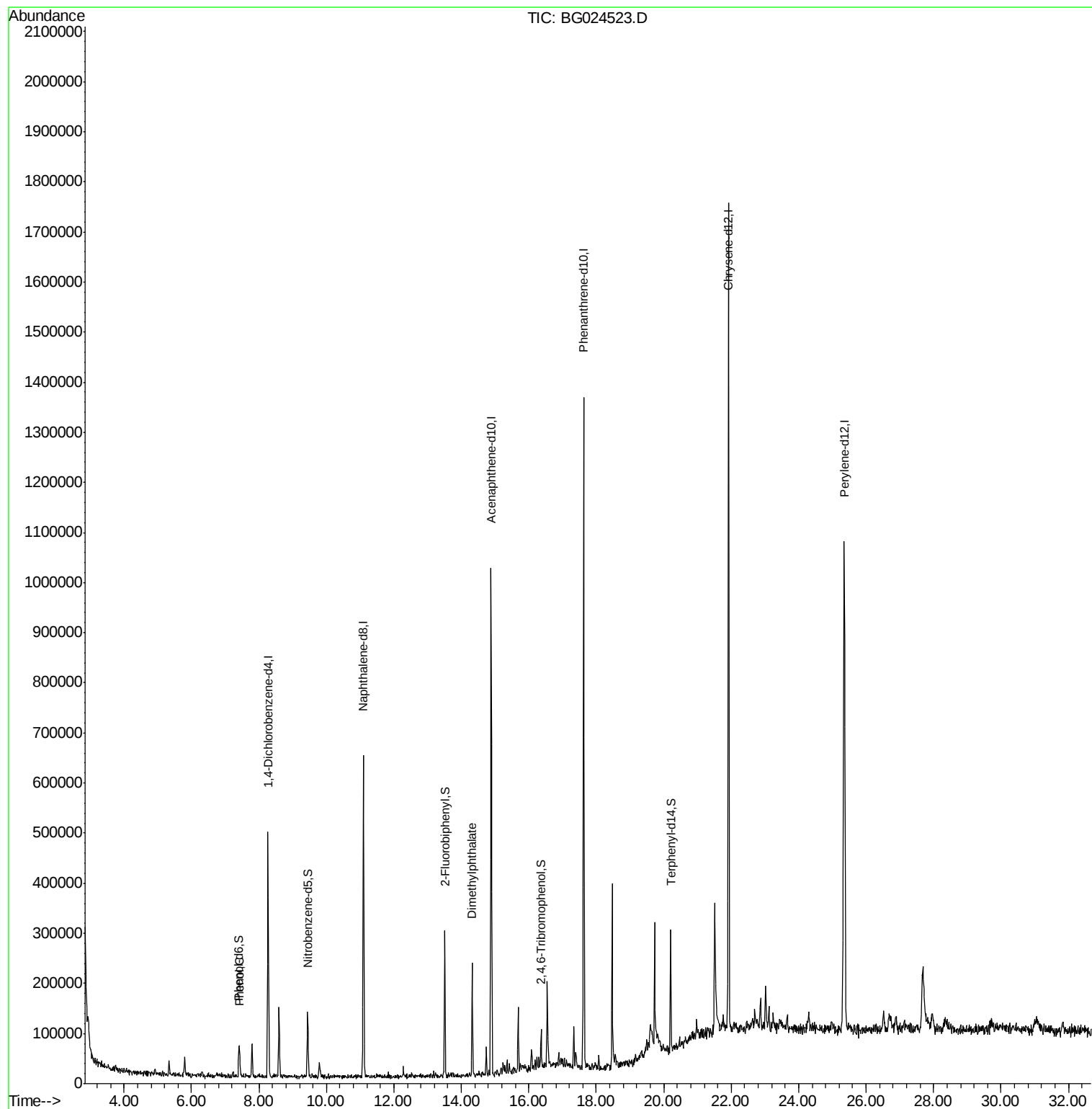
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	129816	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	511077	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	379774	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	810897	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1115553	20.00	ng	0.00
86) Perylene-d12	25.35	264	1177635	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	15664	1.98	ng	0.00
7) Phenol-d6	7.40	99	30067	2.77	ng	0.00
23) Nitrobenzene-d5	9.45	82	81250	7.24	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	14691	2.59	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	150733	6.60	ng	0.00
78) Terphenyl-d14	20.21	244	112714	3.02	ng	0.00
Target Compounds						
10) Phenol	7.43	94	22813	2.04	ng	79
49) Dimethylphthalate	14.32	163	139842	5.19	ng	98

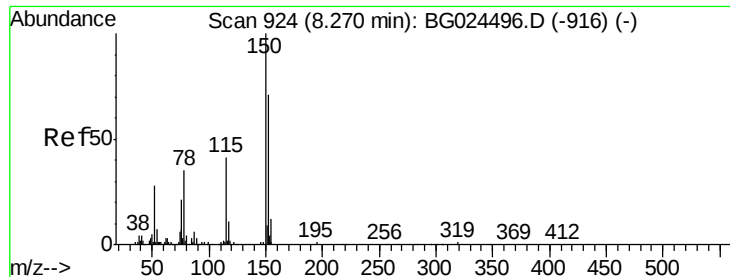
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

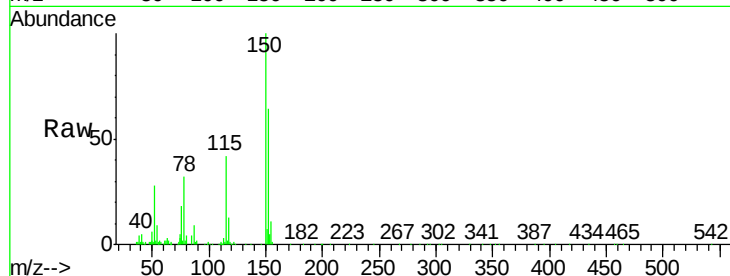
Tgt Ion:152 Resp: 129816

Ion Ratio Lower Upper

152 100

150 156.3 114.0 171.0

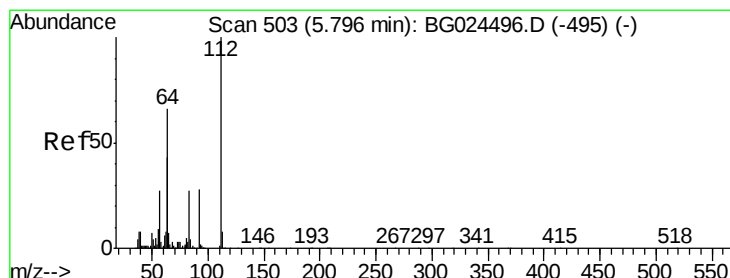
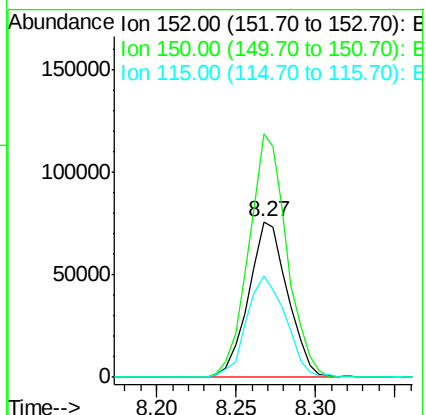
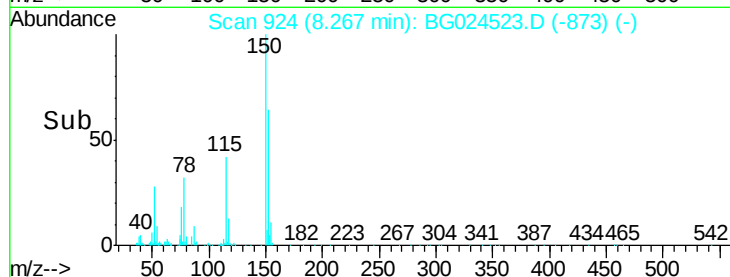
115 65.3 48.1 72.1



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: 1.98 ng

RT: 5.81 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

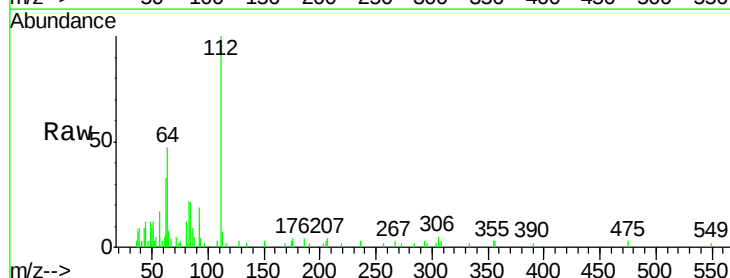
Tgt Ion:112 Resp: 15664

Ion Ratio Lower Upper

112 100

64 47.0 61.8 92.6#

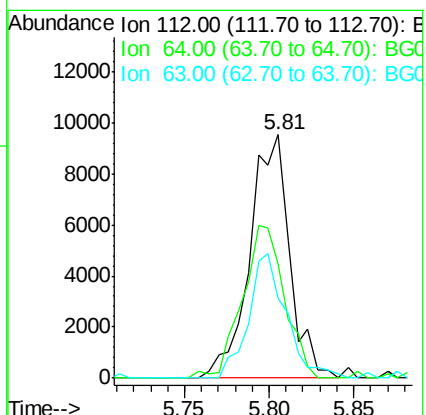
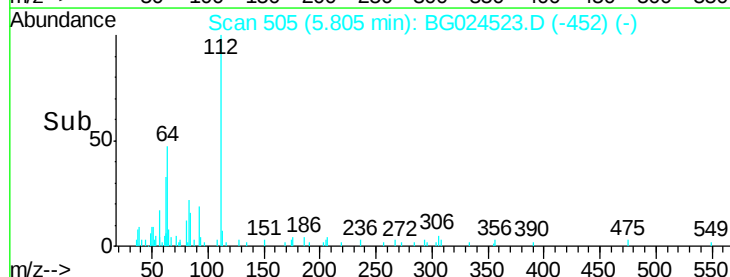
63 32.9 37.2 55.8#

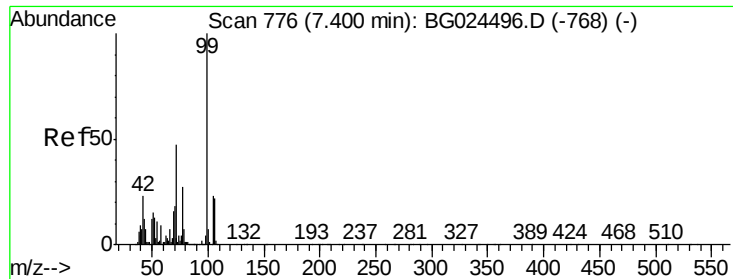


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 2.77 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

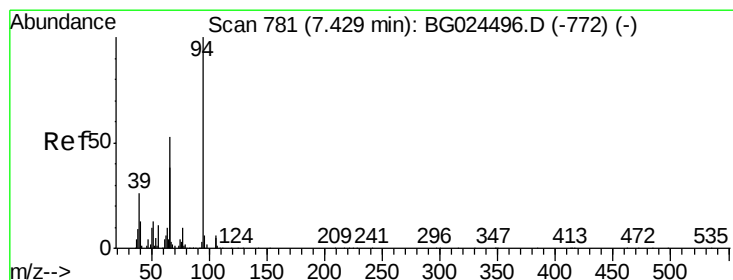
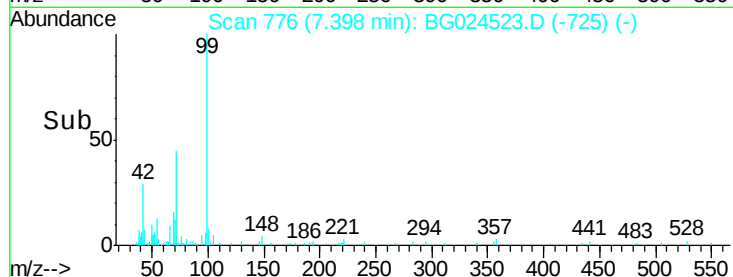
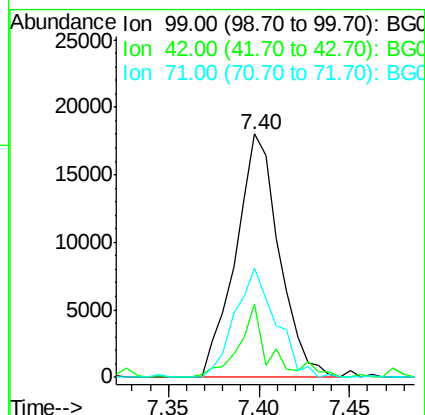
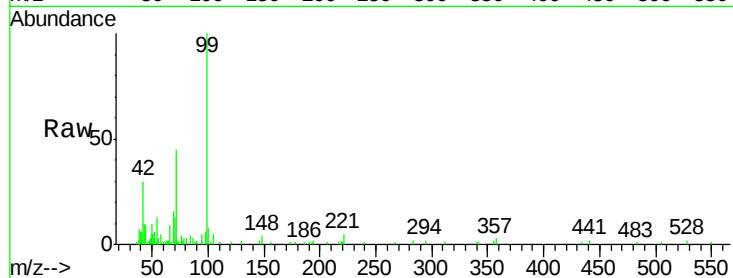
Tgt Ion: 99 Resp: 30067

Ion Ratio Lower Upper

99 100

42 30.2 20.5 30.7

71 44.8 37.6 56.4



#10

Phenol

Concen: 2.04 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

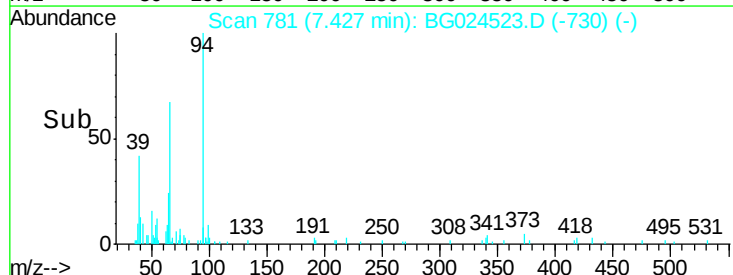
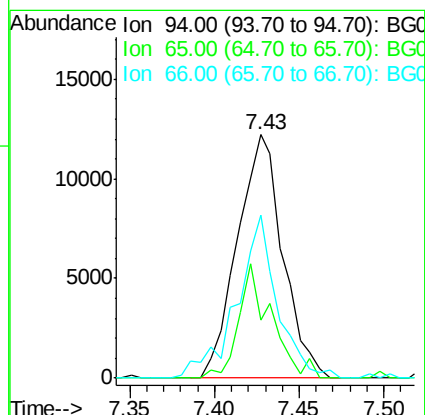
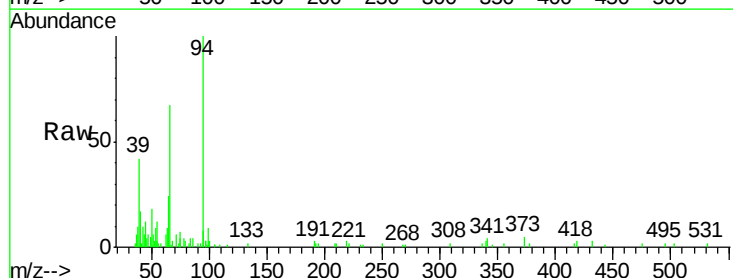
Tgt Ion: 94 Resp: 22813

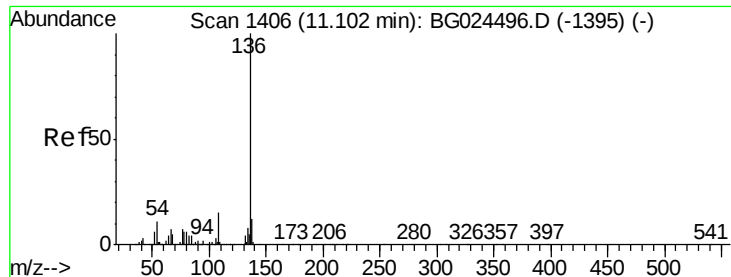
Ion Ratio Lower Upper

94 100

65 24.0 20.6 60.6

66 67.2 35.5 75.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

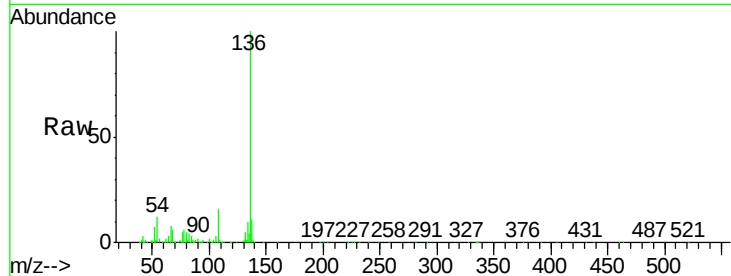
Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

Tgt Ion:	136	Resp:	511077
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.5	9.3	13.9
68	5.9	5.1	7.7

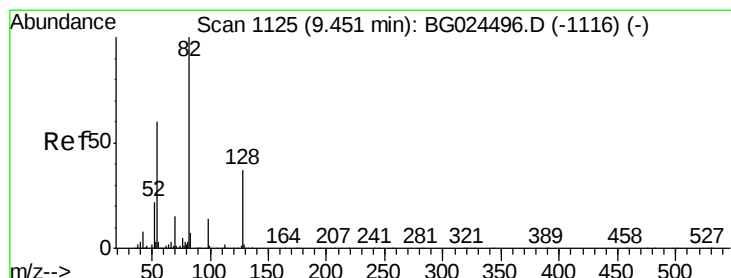
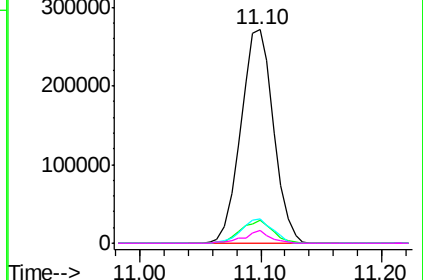
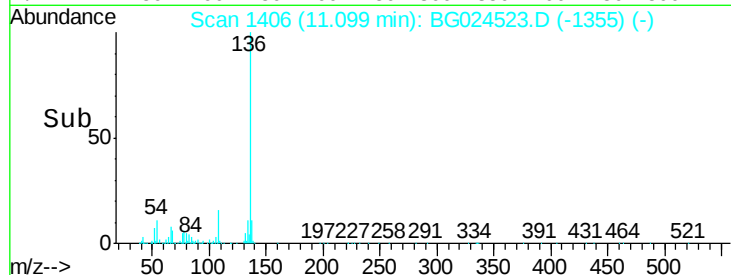


Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 7.24 ng

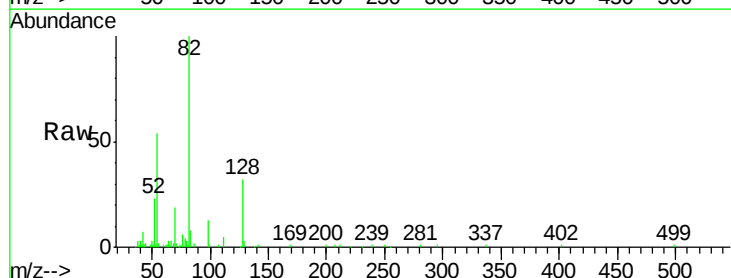
RT: 9.45 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

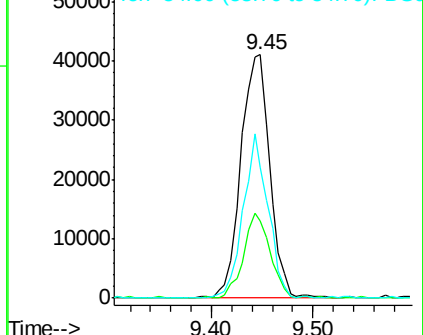
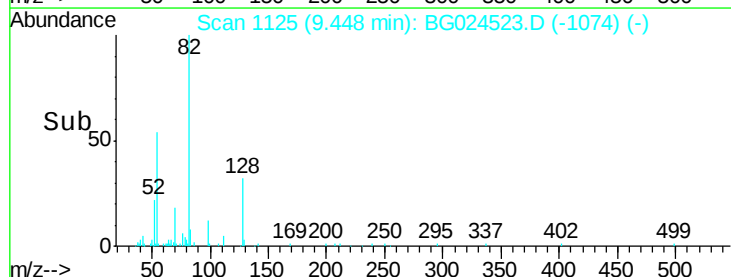
Tgt Ion:	82	Resp:	81250
Ion	Ratio	Lower	Upper
82	100		
128	31.5	26.4	39.6
54	53.5	49.4	74.2

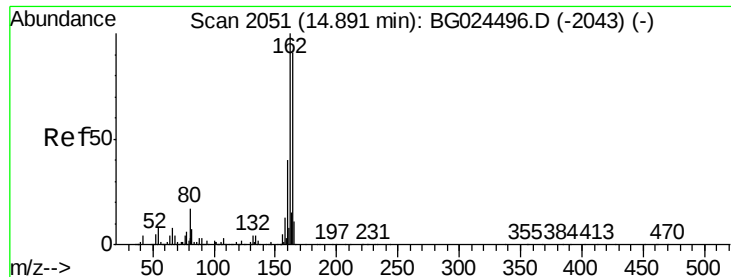


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

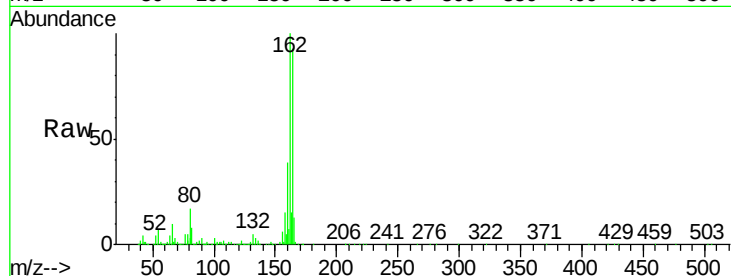
Tgt Ion:164 Resp: 379774

Ion Ratio Lower Upper

164 100

162 107.3 85.1 127.7

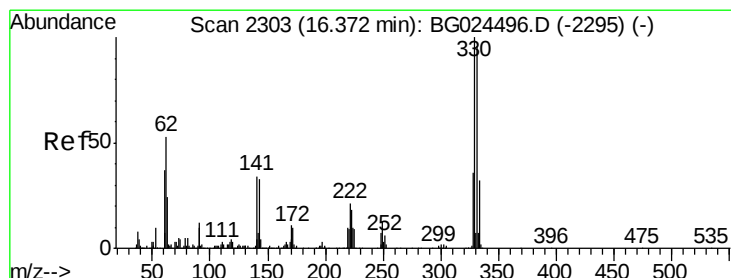
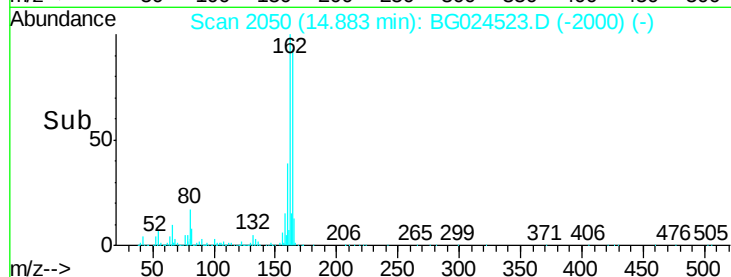
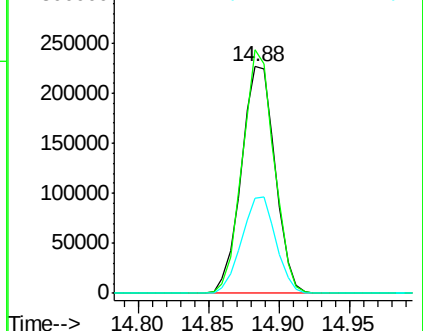
160 41.8 34.7 52.1



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: 2.59 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

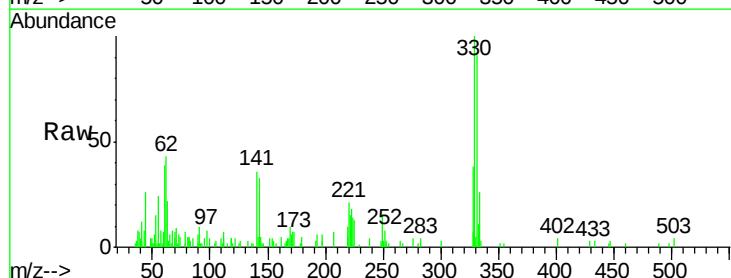
Tgt Ion:330 Resp: 14691

Ion Ratio Lower Upper

330 100

332 104.6 77.3 115.9

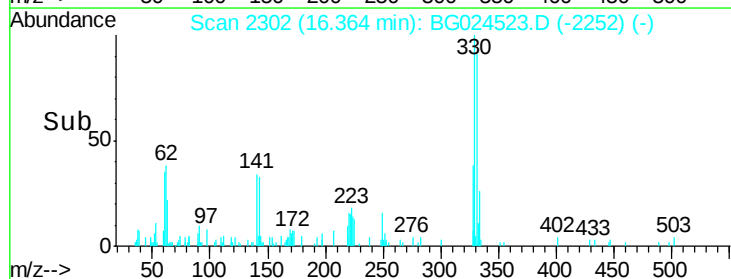
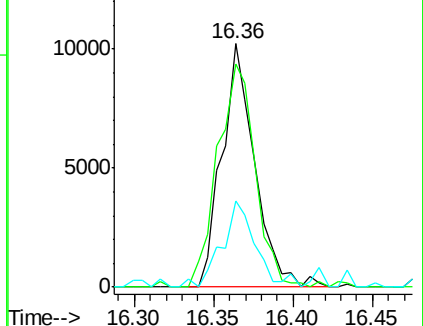
141 34.7 32.1 48.1

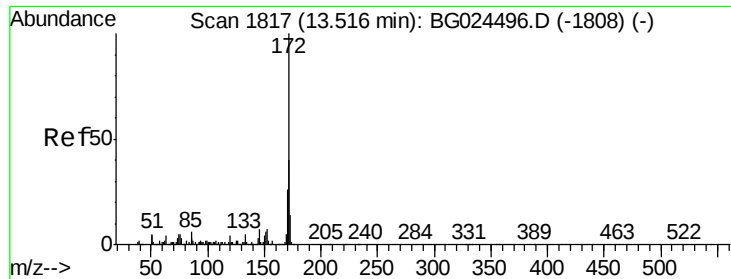


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 6.60 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

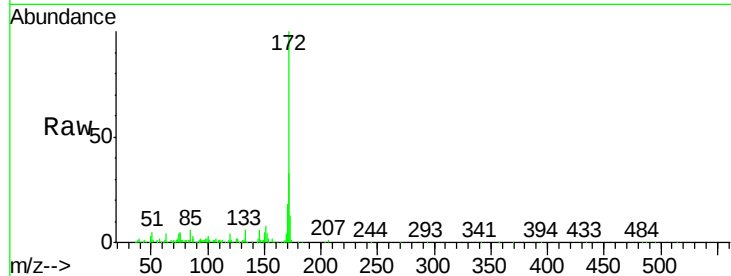
Tgt Ion:172 Resp: 150733

Ion Ratio Lower Upper

172 100

171 32.8 32.2 48.2

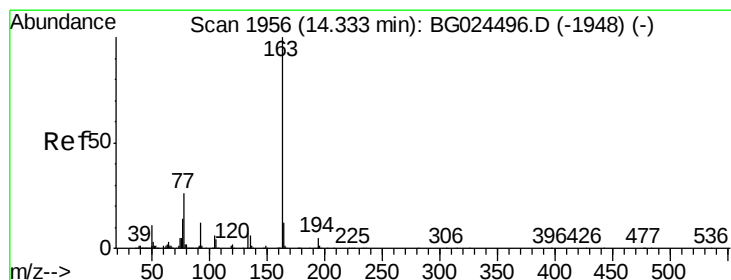
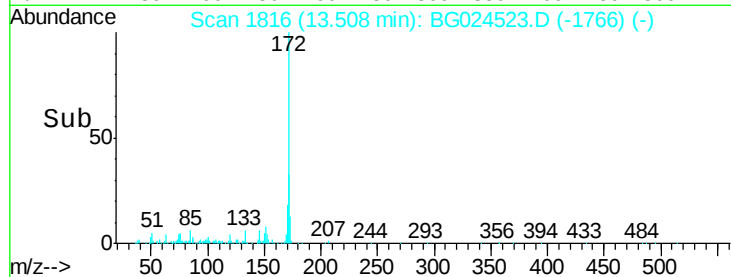
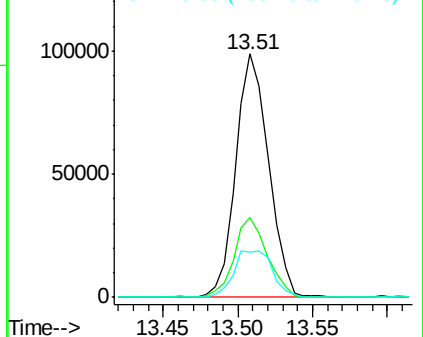
170 18.4 21.8 32.6#



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: 5.19 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

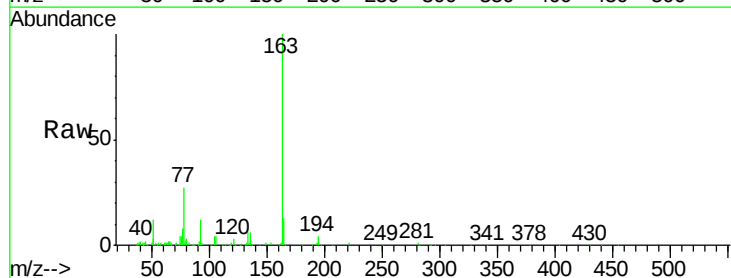
Tgt Ion:163 Resp: 139842

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

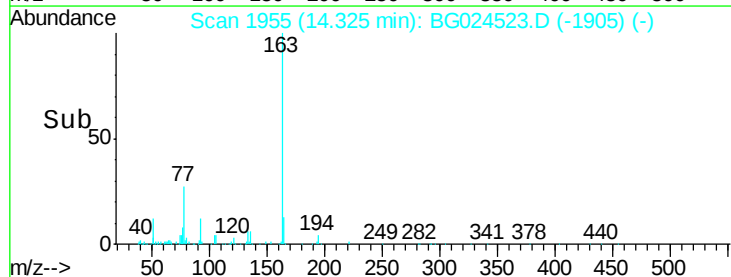
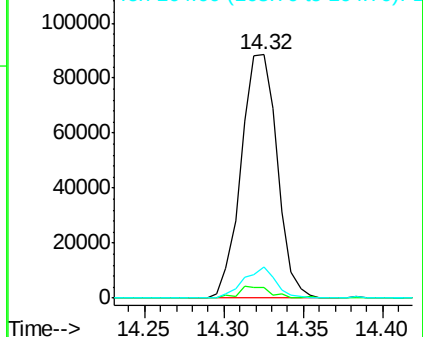
164 12.6 9.3 13.9

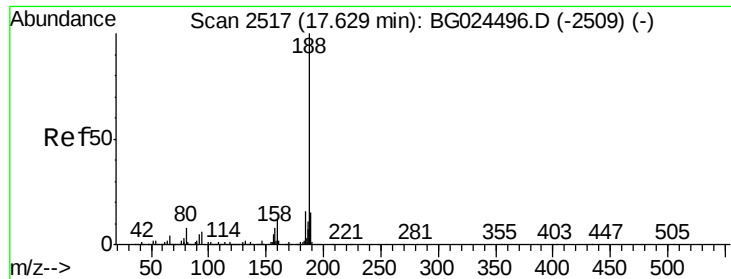


Abundance Ion 163.00 (162.70 to 163.70): E

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: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

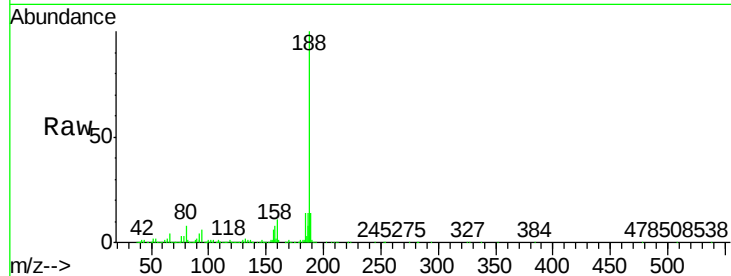
Tgt Ion:188 Resp: 810897

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

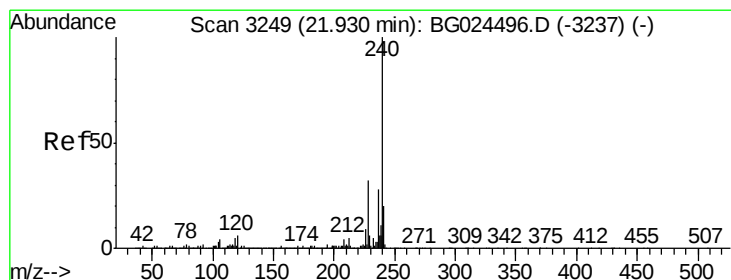
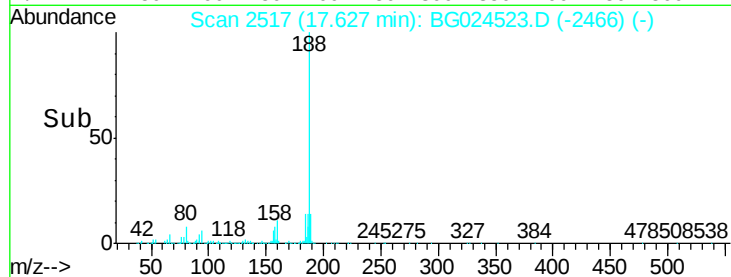
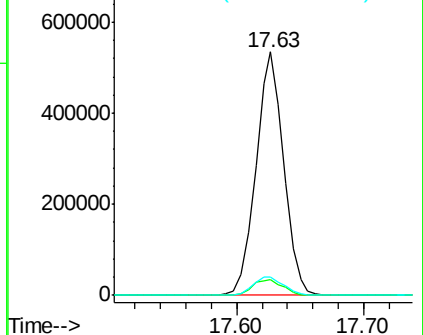
80 7.7 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

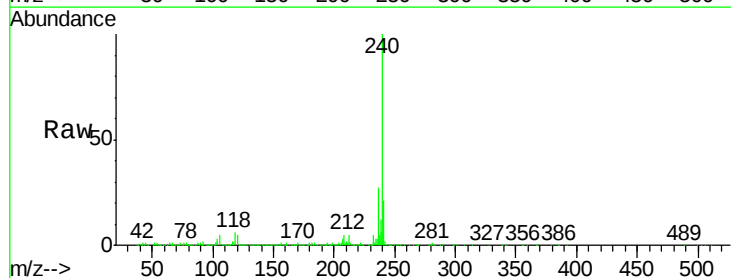
Tgt Ion:240 Resp: 1115553

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

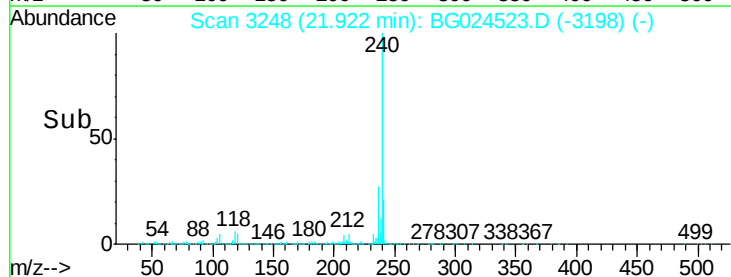
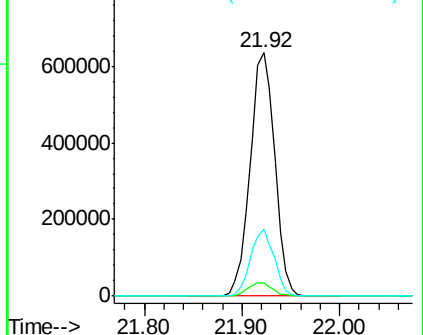
236 27.3 22.2 33.4

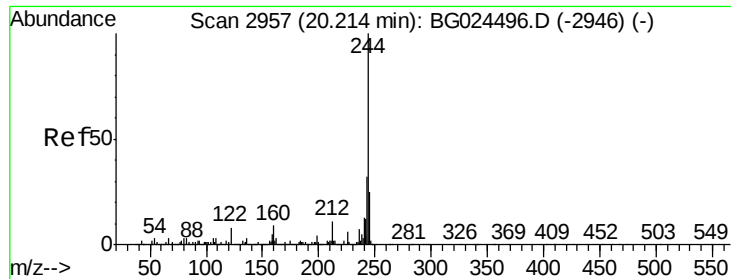


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 3.02 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

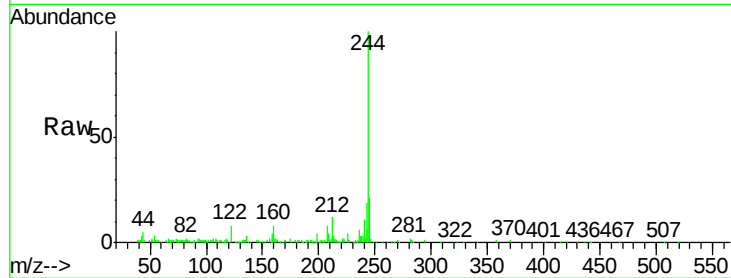
Tgt Ion:244 Resp: 112714

Ion Ratio Lower Upper

244 100

212 11.9 10.0 15.0

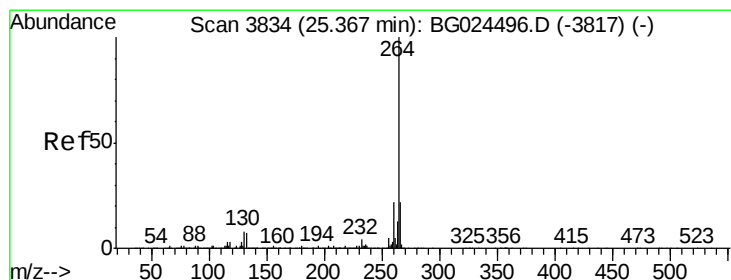
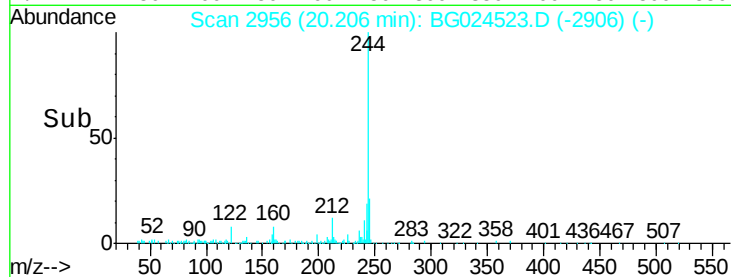
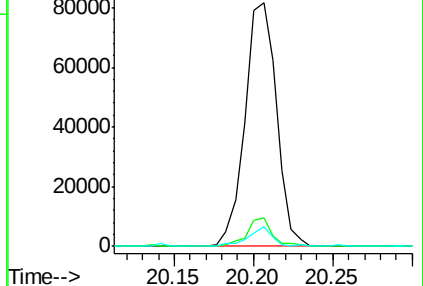
122 8.1 8.6 12.8#



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: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024523.D

Acq: 27 Oct 2016 10:39

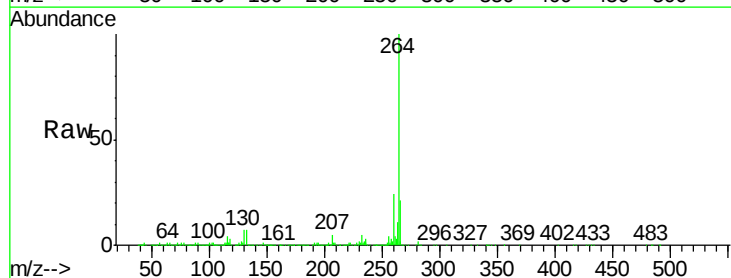
Tgt Ion:264 Resp: 1177635

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 20.8 18.2 27.4



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

