

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102616\
 Data File : BG024517.D
 Acq On : 26 Oct 2016 18:13
 Operator : UM/SJ
 Sample : H5408-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Oct 26 18:52:15 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

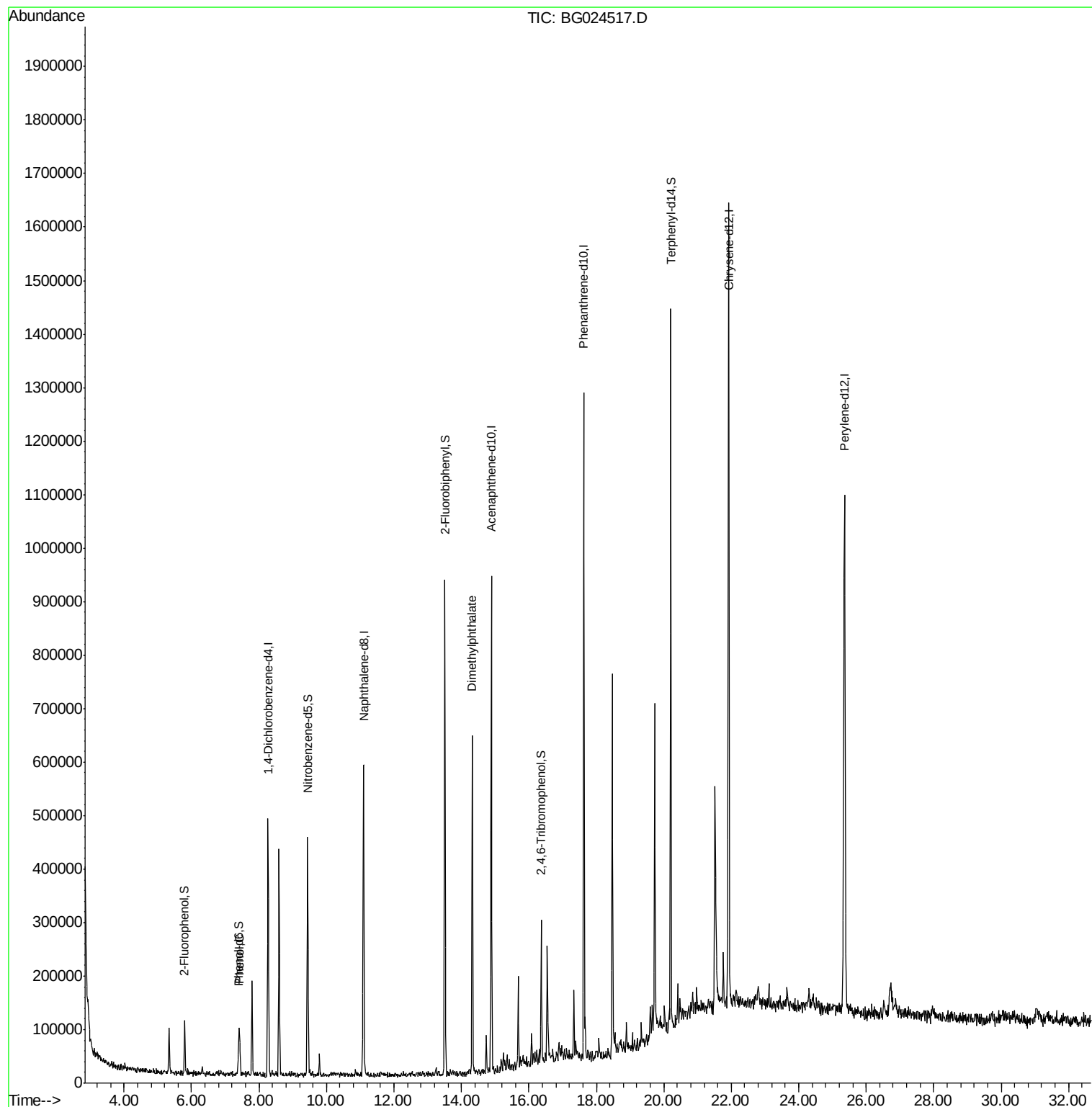
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	117765	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	466022	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	341154	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	757222	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1044984	20.00	ng	0.00
86) Perylene-d12	25.35	264	1153161	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	39226	5.46	ng	0.00
7) Phenol-d6	7.40	99	36745	3.73	ng	0.00
23) Nitrobenzene-d5	9.44	82	268952	26.28	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	52221	10.25	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	477382	23.26	ng	0.00
78) Terphenyl-d14	20.21	244	609984	17.44	ng	0.00
Target Compounds						
10) Phenol	7.43	94	38033	3.74	ng	95
49) Dimethylphthalate	14.33	163	397861	16.43	ng	96

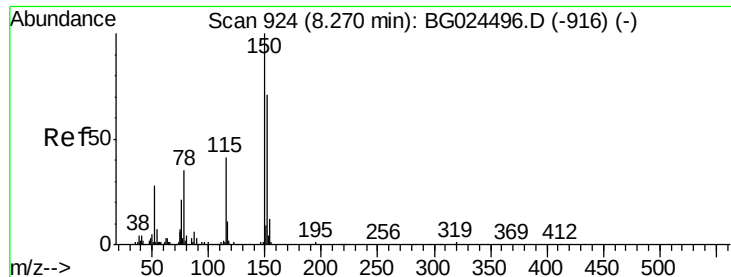
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024517.D

Acq: 26 Oct 2016 18:13

Instrument :

BNA_G

ClientSampleId :

MW-2

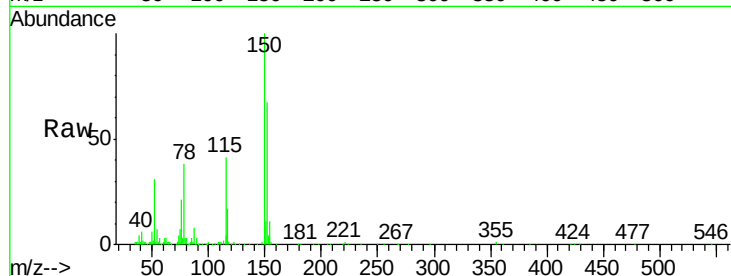
Tgt Ion:152 Resp: 117765

Ion Ratio Lower Upper

152 100

150 149.3 114.0 171.0

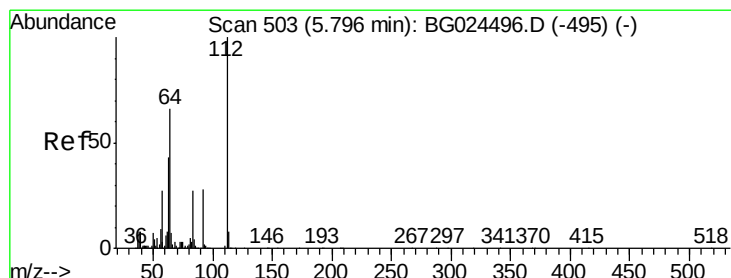
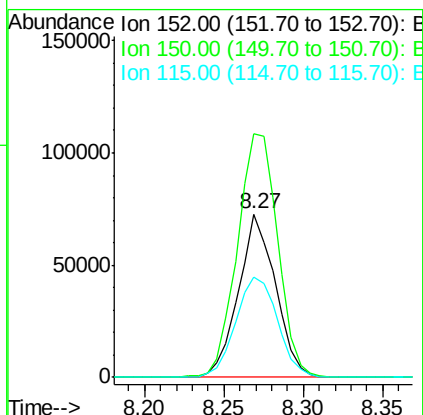
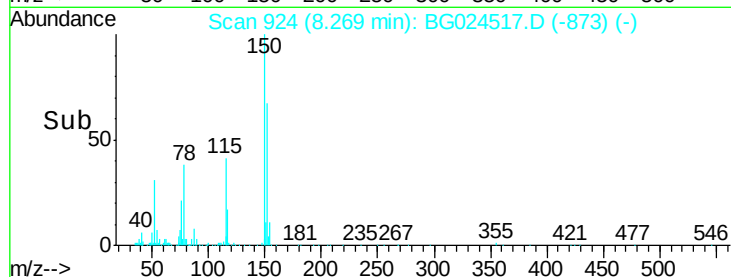
115 61.4 48.1 72.1



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: 5.46 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024517.D

Acq: 26 Oct 2016 18:13

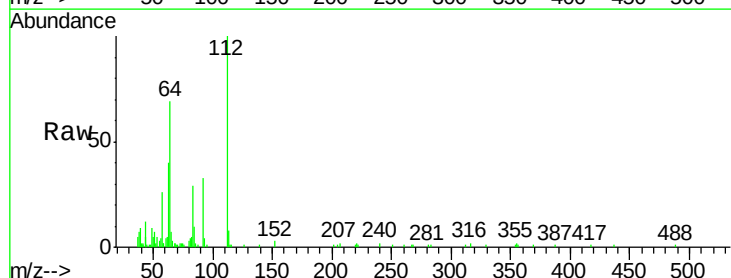
Tgt Ion:112 Resp: 39226

Ion Ratio Lower Upper

112 100

64 68.8 61.8 92.6

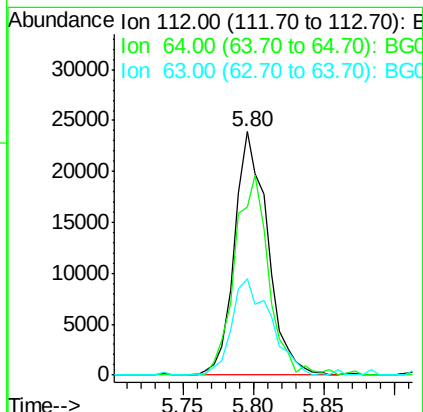
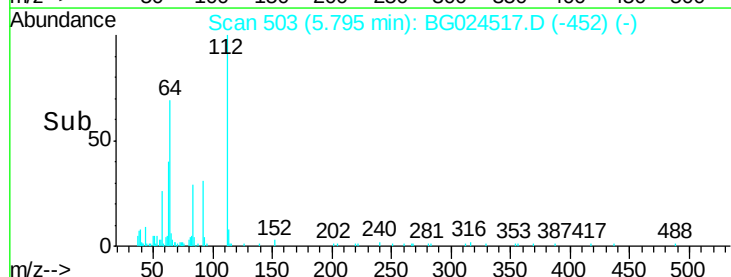
63 39.7 37.2 55.8

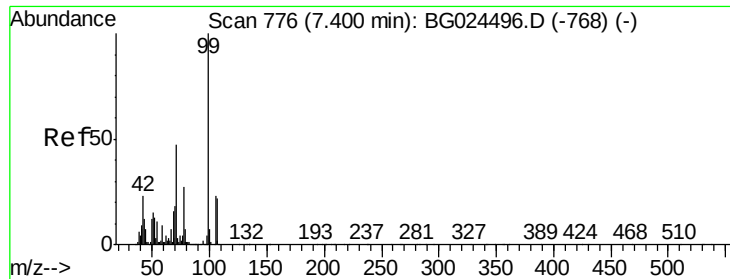


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 3.73 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024517.D

Acq: 26 Oct 2016 18:13

Instrument :

BNA_G

ClientSampled :

MW-2

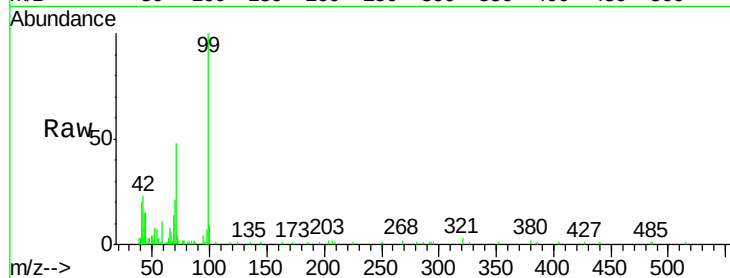
Tgt Ion: 99 Resp: 36745

Ion Ratio Lower Upper

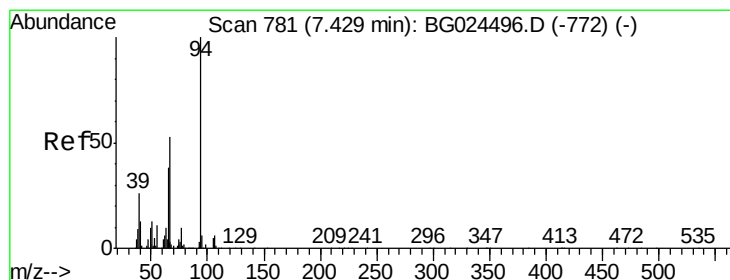
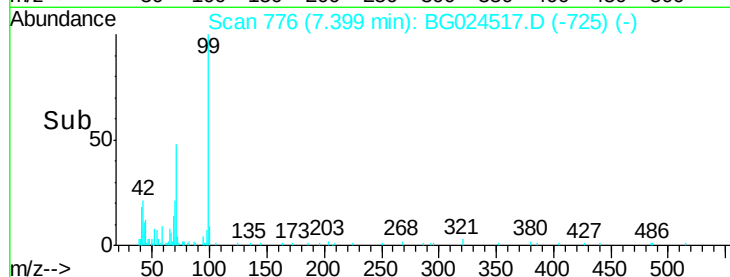
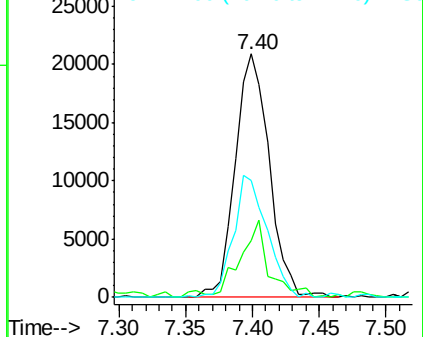
99 100

42 23.4 20.5 30.7

71 47.8 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 3.74 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024517.D

Acq: 26 Oct 2016 18:13

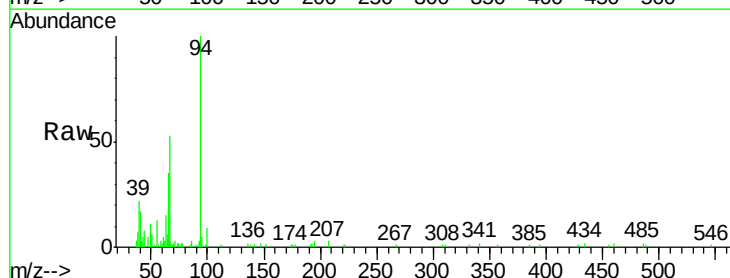
Tgt Ion: 94 Resp: 38033

Ion Ratio Lower Upper

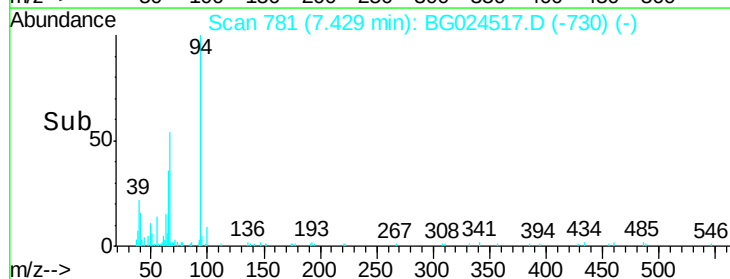
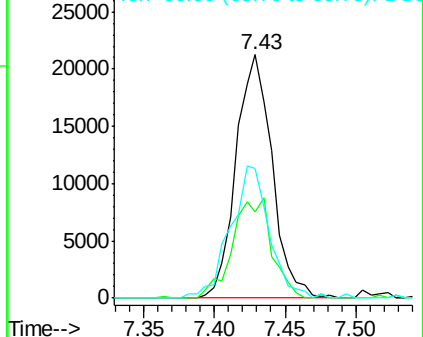
94 100

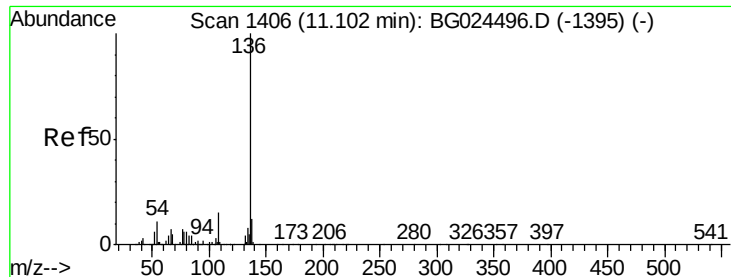
65 35.3 20.6 60.6

66 53.2 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024517.D

Acq: 26 Oct 2016 18:13

Instrument :

BNA_G

ClientSampleId :

MW-2

Tgt Ion: 136 Resp: 466022

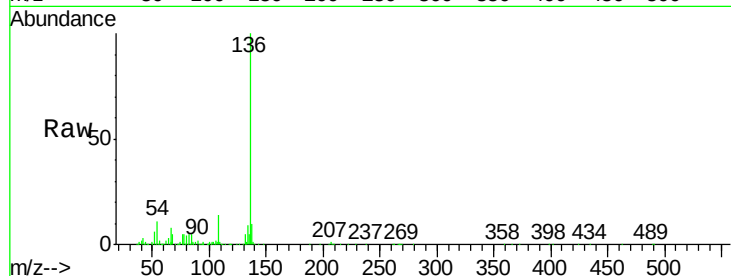
Ion Ratio Lower Upper

136 100

137 9.6 8.9 13.3

54 11.0 9.3 13.9

68 5.4 5.1 7.7

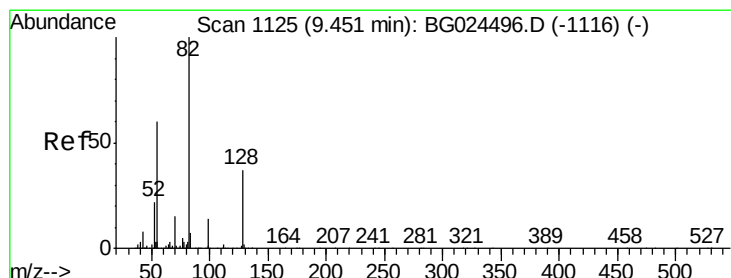
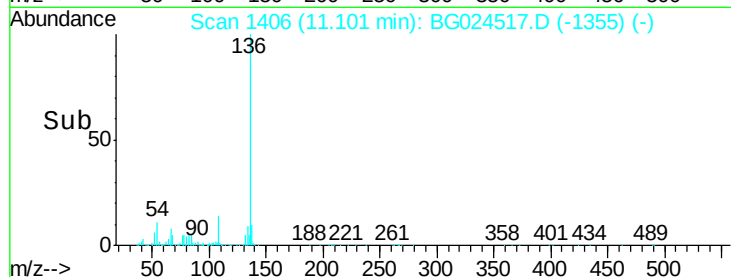
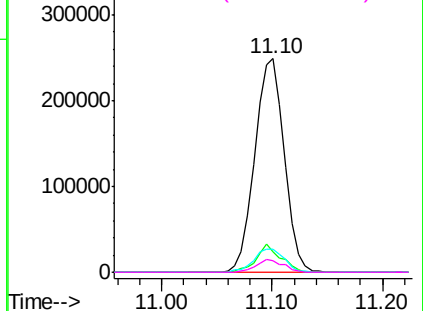


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 26.28 ng

RT: 9.44 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG024517.D

Acq: 26 Oct 2016 18:13

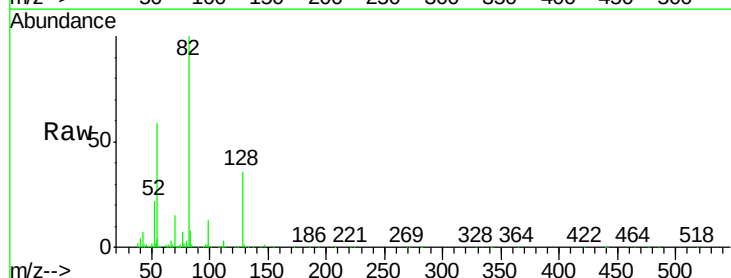
Tgt Ion: 82 Resp: 268952

Ion Ratio Lower Upper

82 100

128 35.7 26.4 39.6

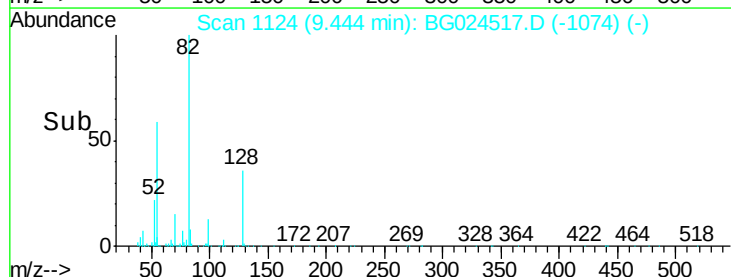
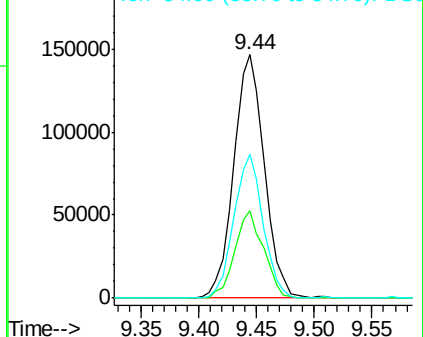
54 58.8 49.4 74.2

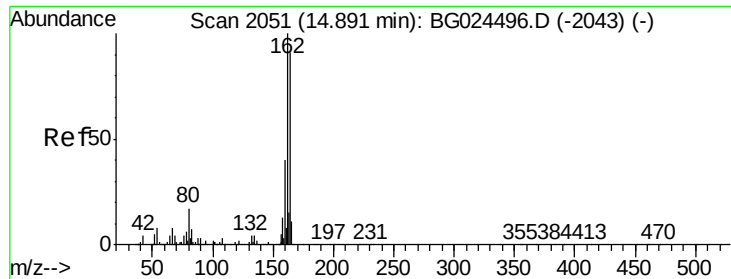


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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: BG024517.D

Acq: 26 Oct 2016 18:13

Instrument :

BNA_G

ClientSampleId :

MW-2

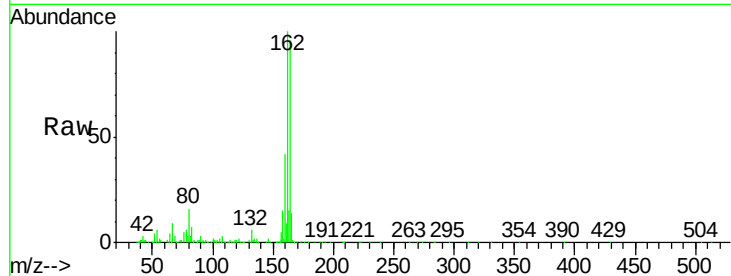
Tgt Ion:164 Resp: 341154

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

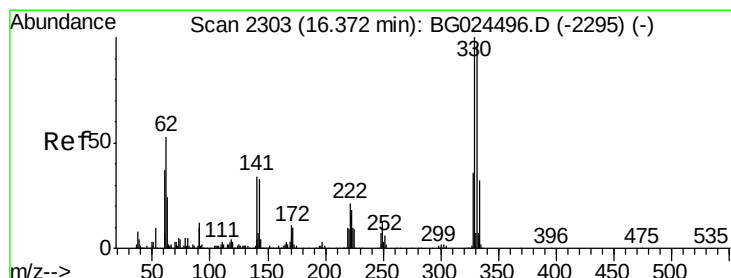
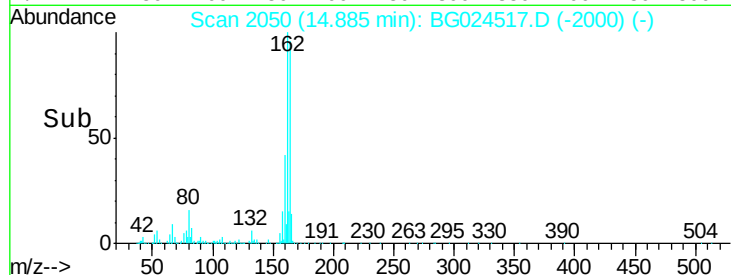
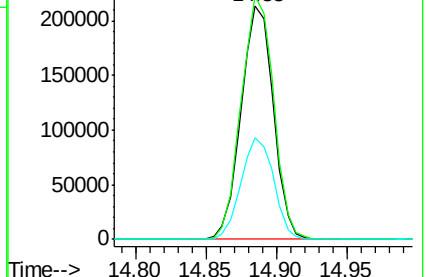
160 43.7 34.7 52.1



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: 10.25 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024517.D

Acq: 26 Oct 2016 18:13

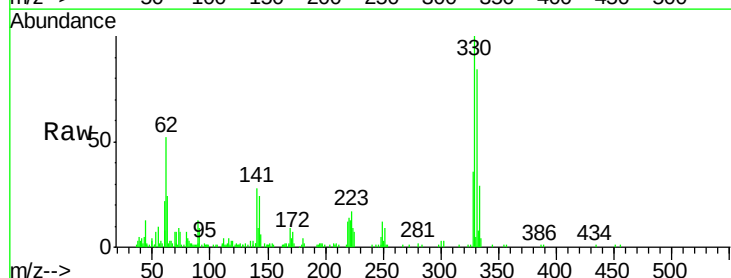
Tgt Ion:330 Resp: 52221

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

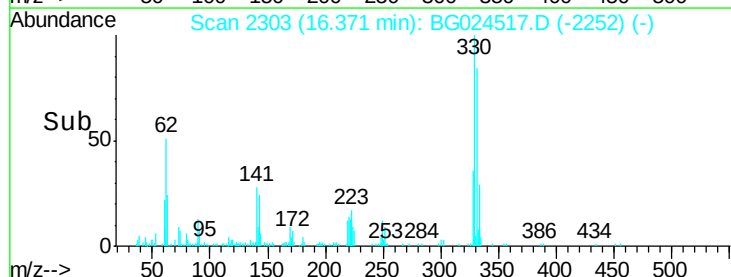
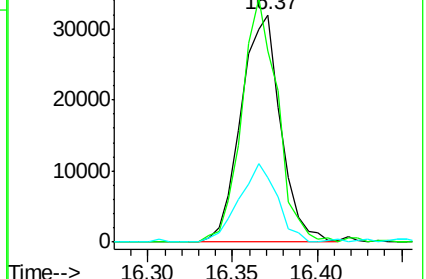
141 33.1 32.1 48.1

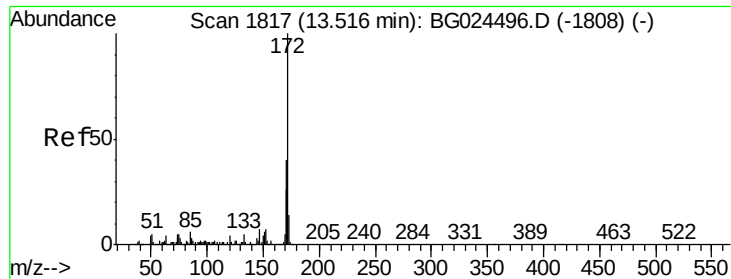


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

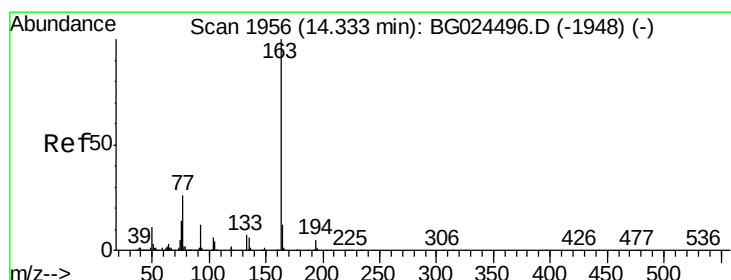
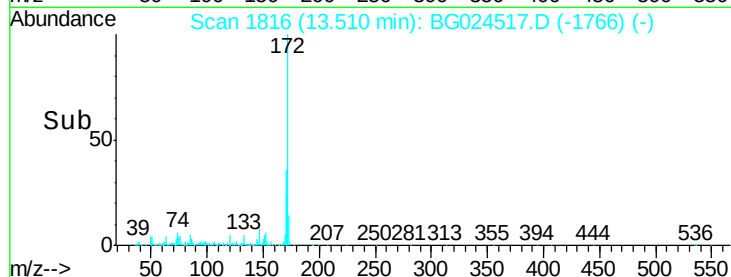
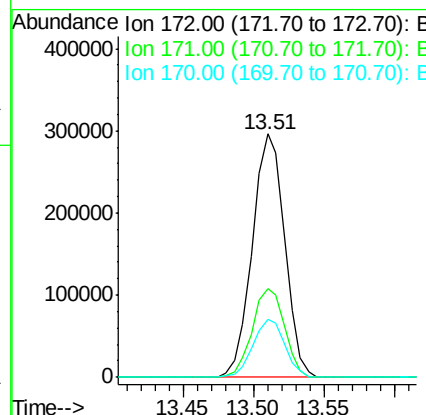
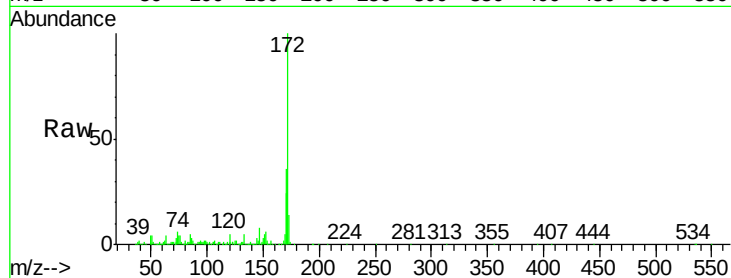




#44
2-Fluorobiphenyl
Concen: 23.26 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024517.D
Acq: 26 Oct 2016 18:13

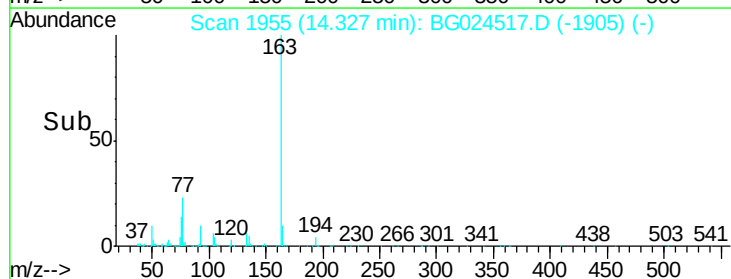
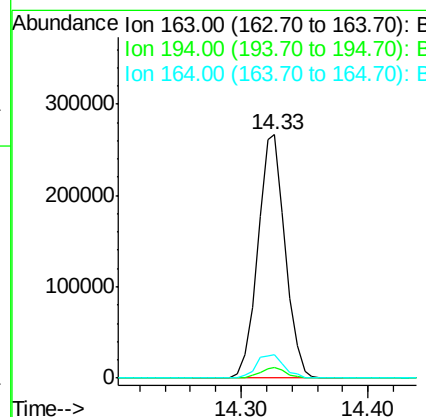
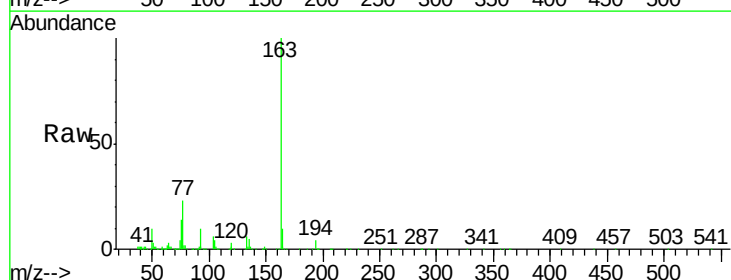
Instrument :
BNA_G
ClientSampleId :
MW-2

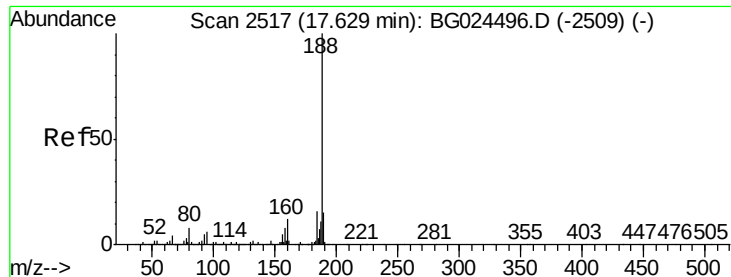
Tgt Ion:172 Resp: 477382
Ion Ratio Lower Upper
172 100
171 36.5 32.2 48.2
170 24.0 21.8 32.6



#49
Dimethylphthalate
Concen: 16.43 ng
RT: 14.33 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024517.D
Acq: 26 Oct 2016 18:13

Tgt Ion:163 Resp: 397861
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 9.6 9.3 13.9

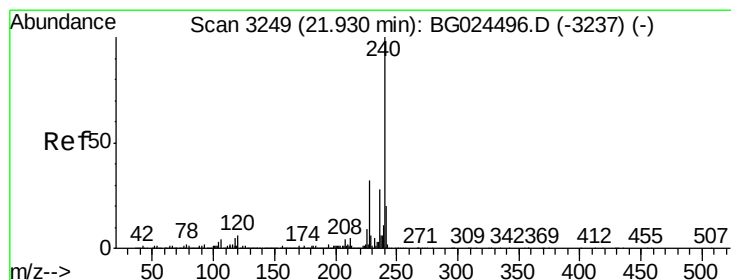
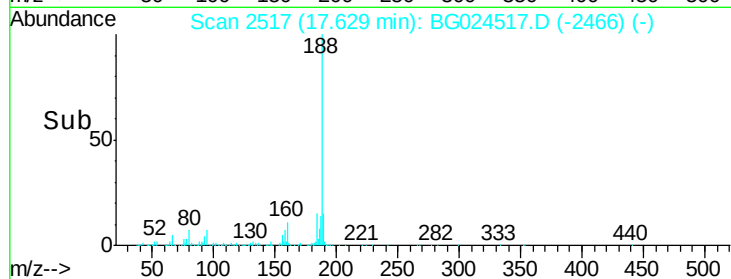
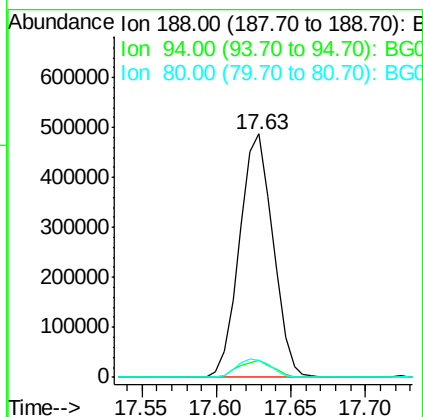
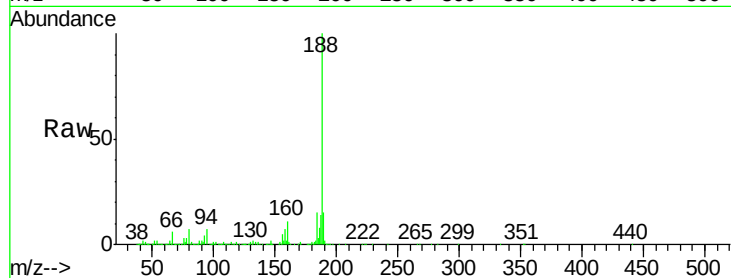




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024517.D
Acq: 26 Oct 2016 18:13

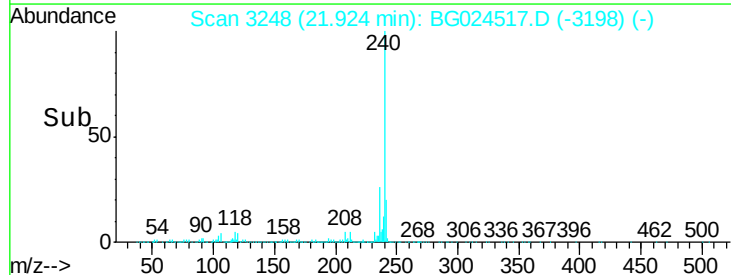
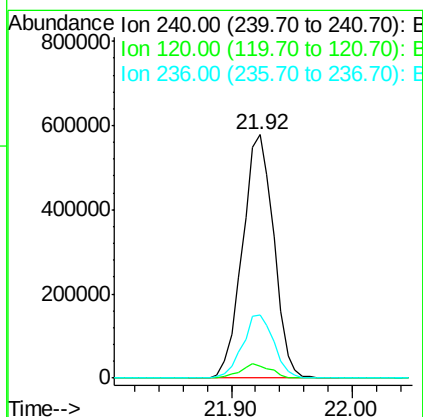
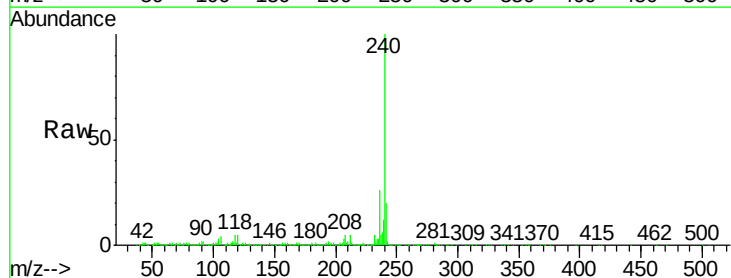
Instrument :
BNA_G
ClientSampleId :
MW-2

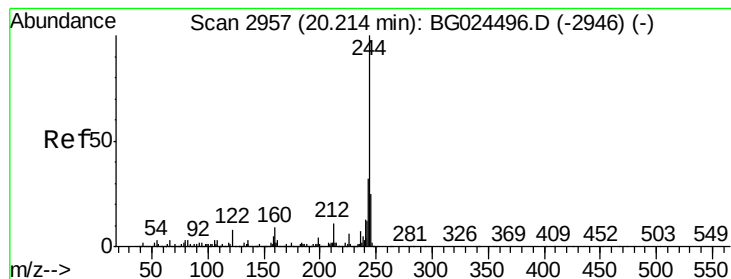
Tgt Ion:188 Resp: 757222
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.8
80 6.9 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024517.D
Acq: 26 Oct 2016 18:13

Tgt Ion:240 Resp: 1044984
Ion Ratio Lower Upper
240 100
120 4.6 5.7 8.5#
236 25.9 22.2 33.4





#78

Terphenyl-d14

Concen: 17.44 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024517.D

Acq: 26 Oct 2016 18:13

Instrument :

BNA_G

ClientSampleId :

MW-2

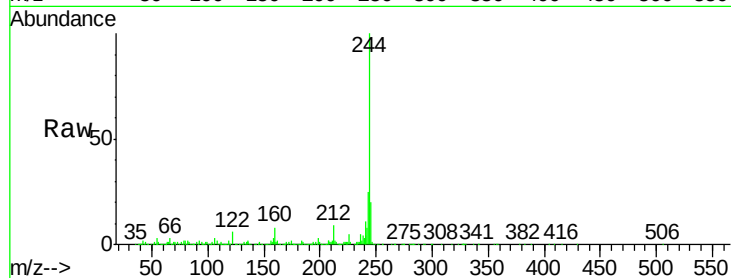
Tgt Ion:244 Resp: 609984

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

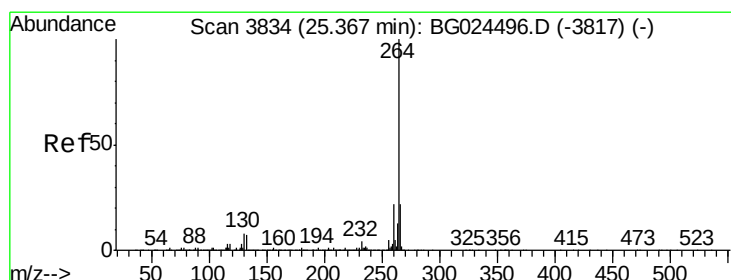
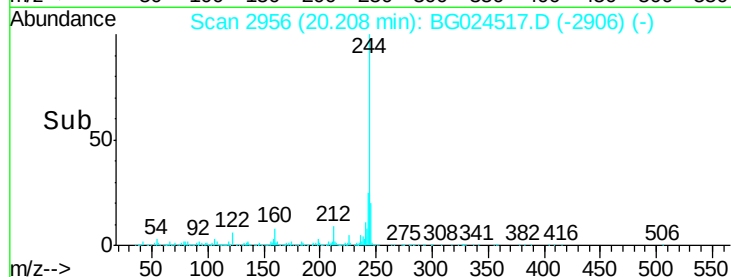
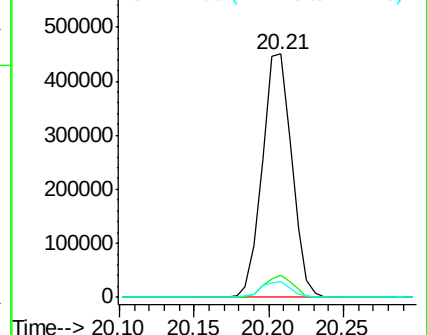
122 6.5 8.6 12.8#



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# 3832

Delta R.T. -0.01 min

Lab File: BG024517.D

Acq: 26 Oct 2016 18:13

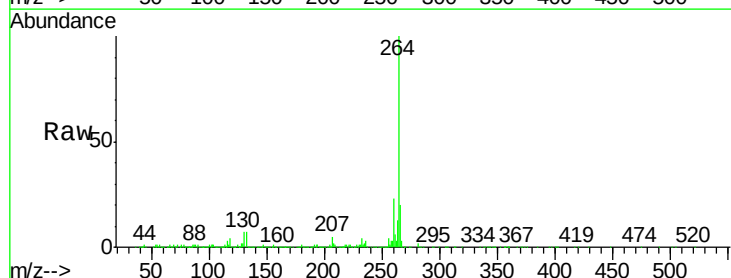
Tgt Ion:264 Resp: 1153161

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 19.8 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

