

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025386.D
 Acq On : 22 Dec 2016 12:48
 Operator : UM/SJ
 Sample : H6199-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-05

Quant Time: Dec 22 17:06:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

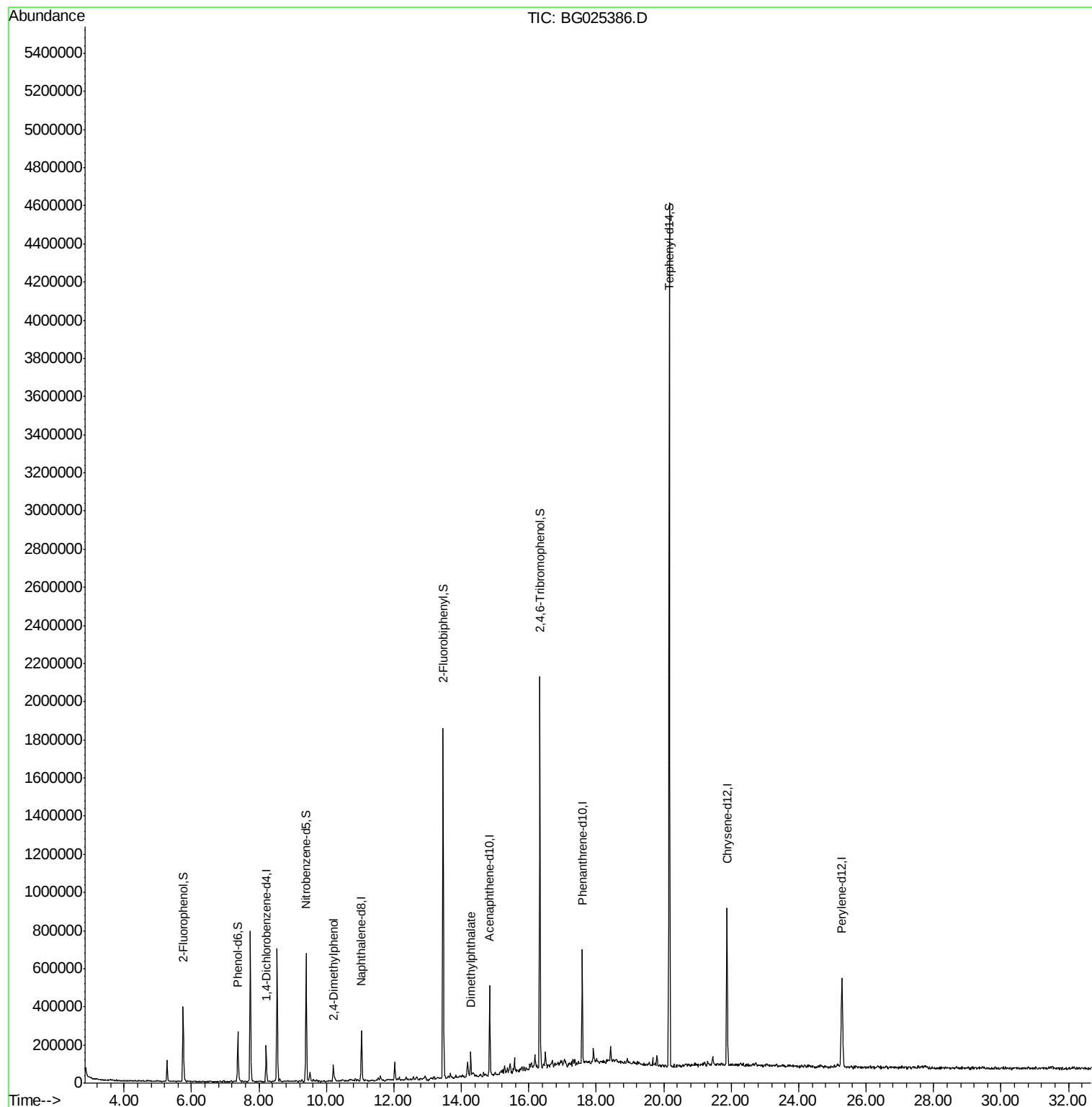
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	49123	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	201197	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	157882	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	373315	20.00	ng	0.00
75) Chrysene-d12	21.87	240	552042	20.00	ng	0.00
86) Perylene-d12	25.28	264	567686	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	157512	58.28	ng	0.00
7) Phenol-d6	7.37	99	142753	37.51	ng	0.00
23) Nitrobenzene-d5	9.40	82	420443	92.32	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	388428	152.81	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	943605	96.76	ng	0.00
78) Terphenyl-d14	20.17	244	1862018	89.43	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	10.20	122	30594	9.74	ng	95
49) Dimethylphthalate	14.28	163	73915	6.42	ng	100

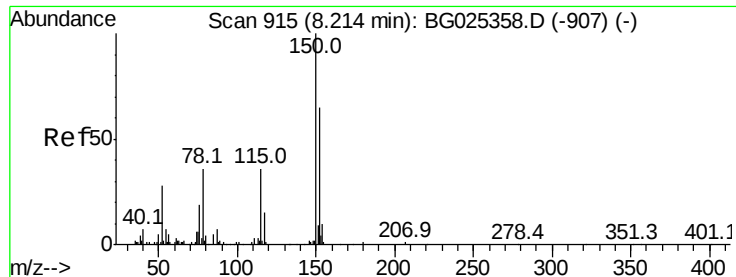
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 21 18:42:01 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG025386.D

Acq: 22 Dec 2016 12:48

Instrument :

BNA_G

ClientSampled :

W-05

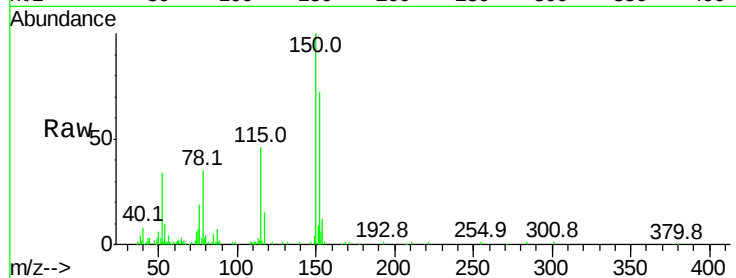
Tot Ion:152 Resp: 49123

Ion Ratio Lower Upper

152 100

150 138.0 114.0 171.0

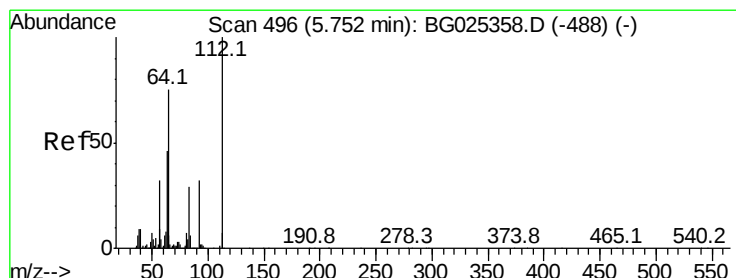
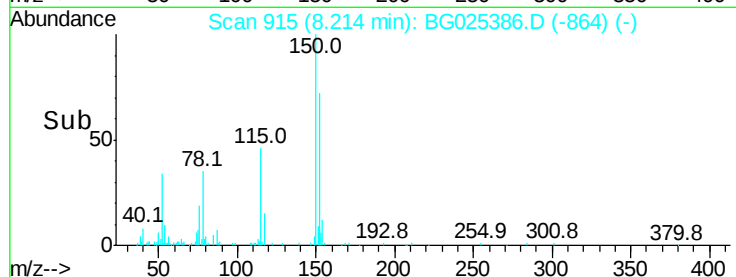
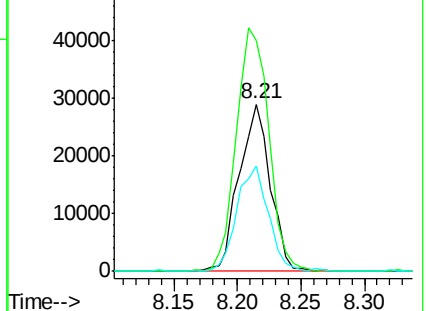
115 62.9 48.1 72.1



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: 58.28 ng

RT: 5.75 min Scan# 496

Delta R.T. 0.00 min

Lab File: BG025386.D

Acq: 22 Dec 2016 12:48

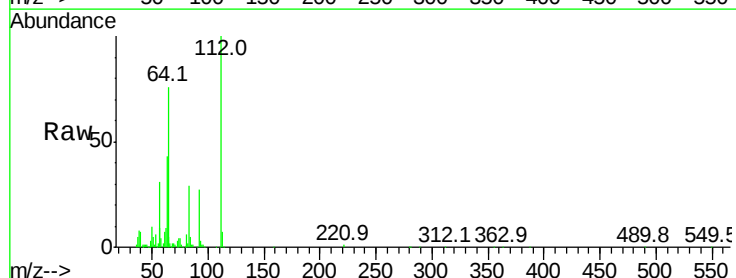
Tgt Ion:112 Resp: 157512

Ion Ratio Lower Upper

112 100

64 76.0 61.8 92.6

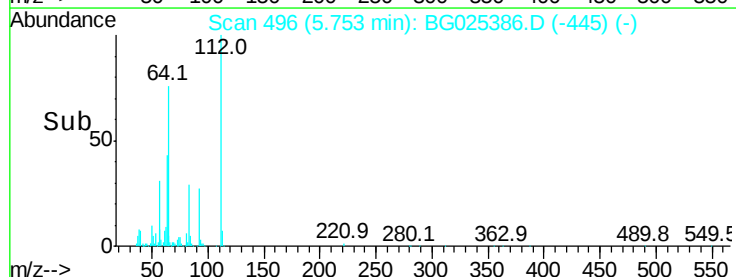
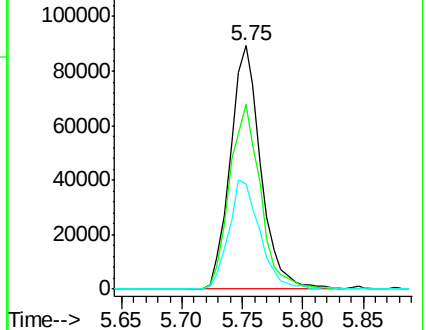
63 43.2 37.2 55.8

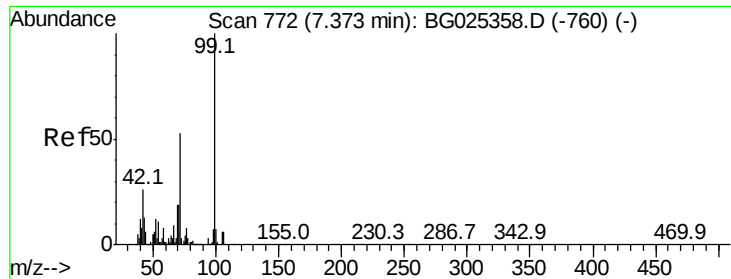


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 37.51 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG025386.D

Acq: 22 Dec 2016 12:48

Instrument :

BNA_G

ClientSampleId :

W-05

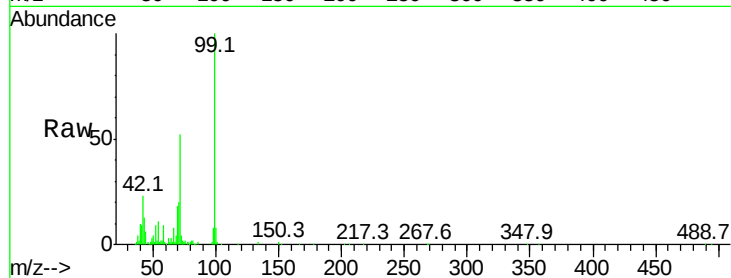
Tot Ion: 99 Resp: 142753

Ion Ratio Lower Upper

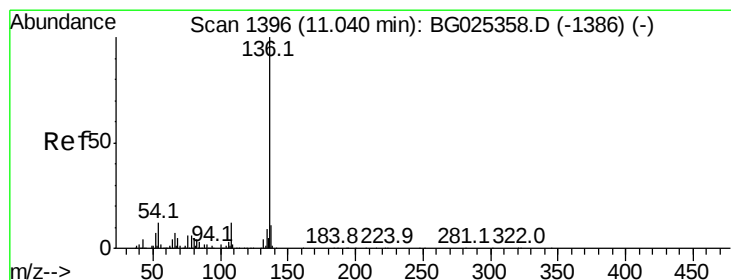
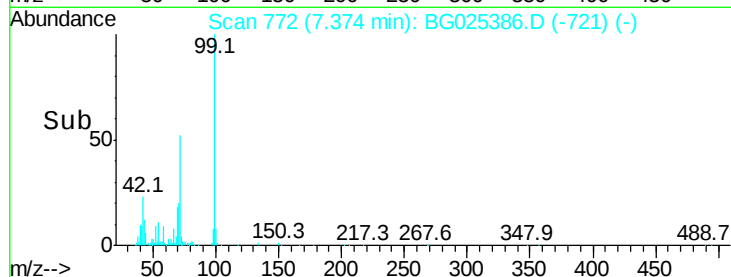
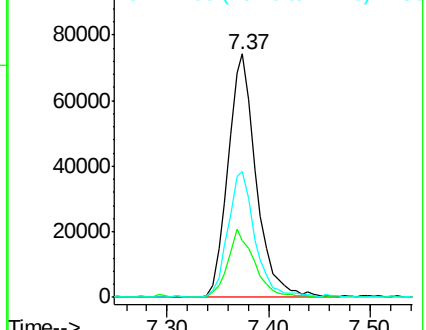
99 100

42 23.2 20.5 30.7

71 51.8 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BG025386.D

Acq: 22 Dec 2016 12:48

Tgt Ion: 136 Resp: 201197

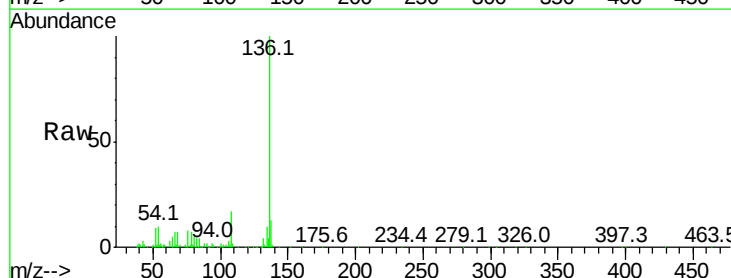
Ion Ratio Lower Upper

136 100

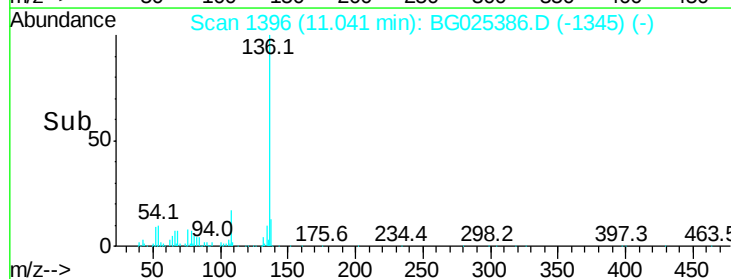
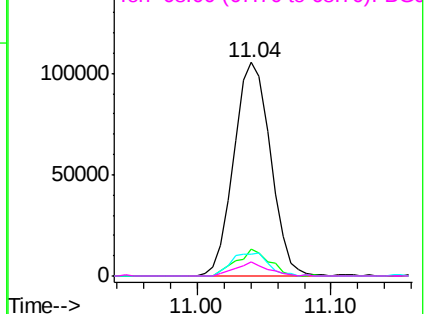
137 12.6 8.9 13.3

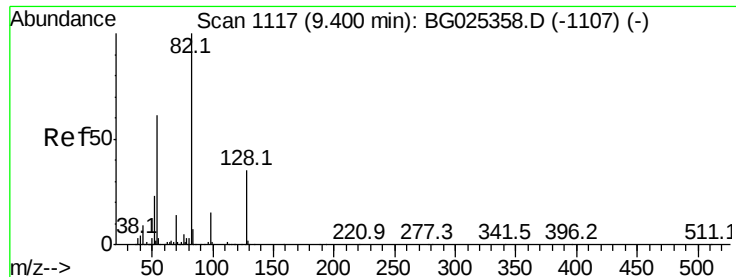
54 10.1 9.3 13.9

68 6.6 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

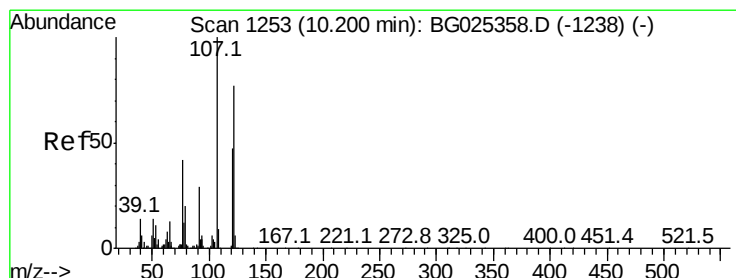
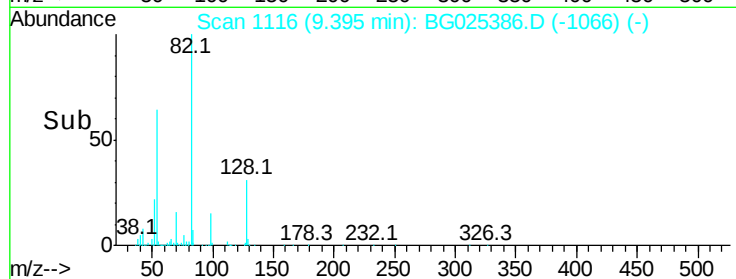
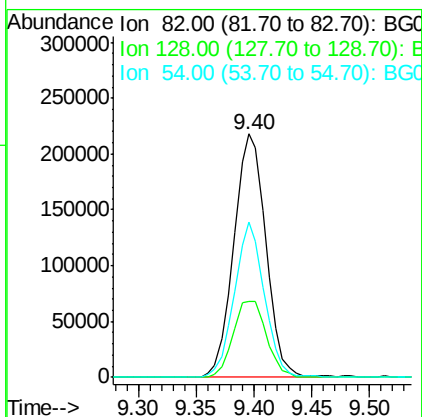
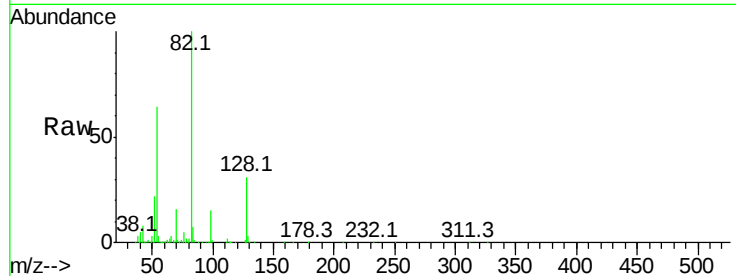




#23
 Nitrobenzene-d5
 Concen: 92.32 ng
 RT: 9.40 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BG025386.D
 Acq: 22 Dec 2016 12:48

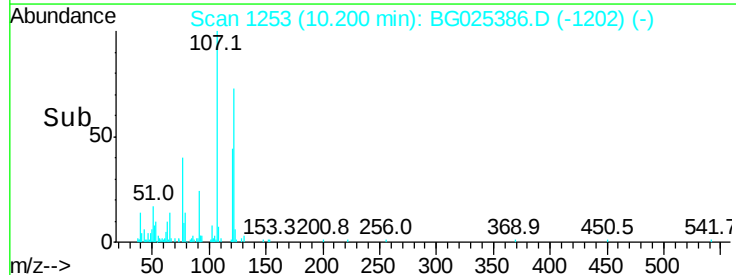
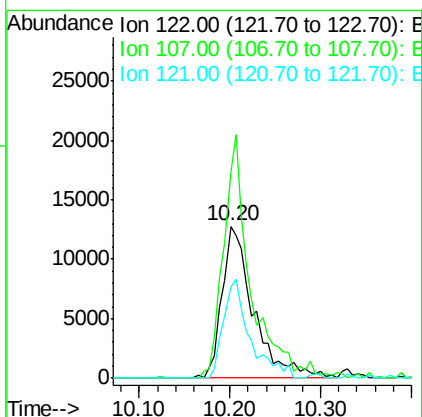
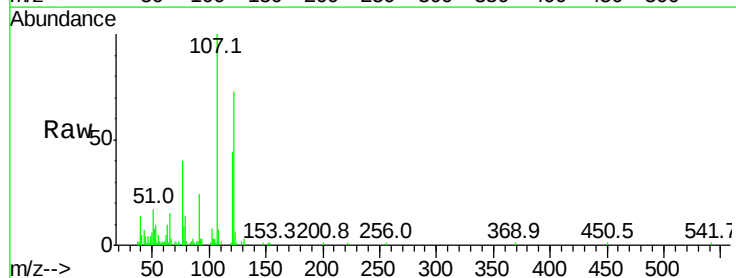
Instrument :
 BNA_G
 ClientSampled :
 W-05

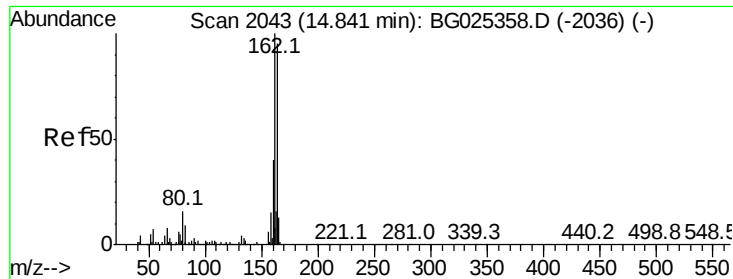
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.1	26.4	39.6
54	63.6	49.4	74.2



#27
 2,4-Dimethylphenol
 Concen: 9.74 ng
 RT: 10.20 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG025386.D
 Acq: 22 Dec 2016 12:48

Tgt Ion	Ratio	Lower	Upper
122	100		
107	136.3	104.2	156.4
121	60.4	46.0	69.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG025386.D

Acq: 22 Dec 2016 12:48

Instrument :

BNA_G

ClientSampleId :

W-05

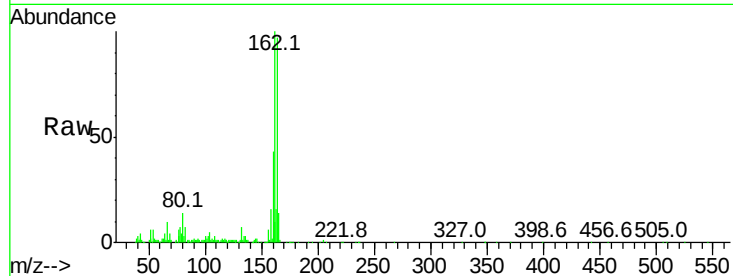
Tot Ion:164 Resp: 157882

Ion Ratio Lower Upper

164 100

162 103.3 85.1 127.7

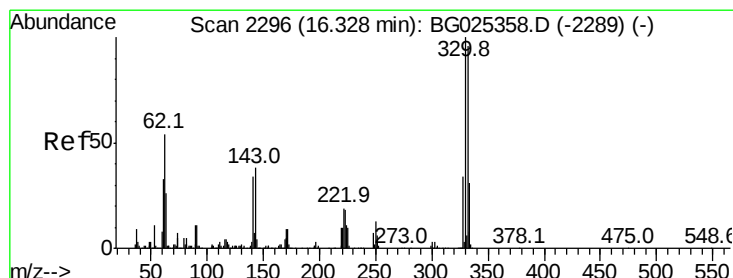
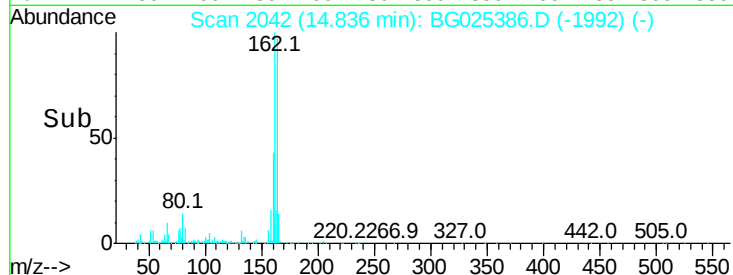
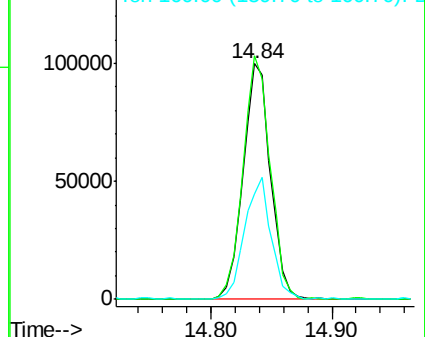
160 44.6 34.7 52.1



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: 152.81 ng

RT: 16.33 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG025386.D

Acq: 22 Dec 2016 12:48

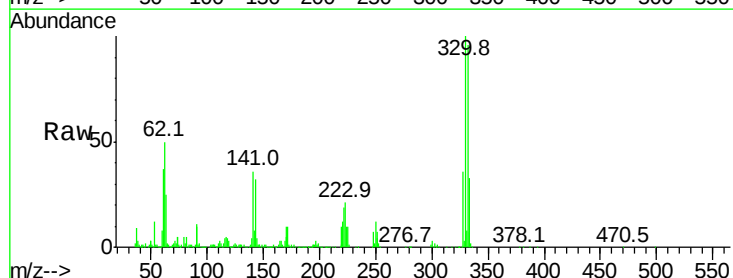
Tgt Ion:330 Resp: 388428

Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

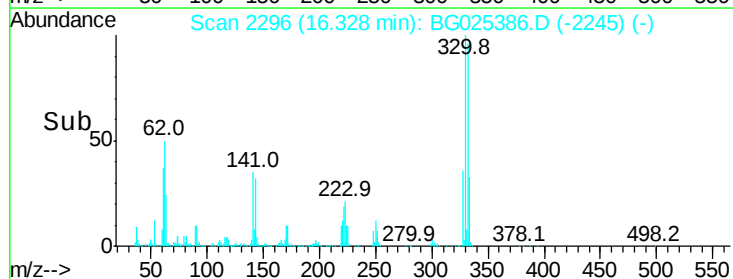
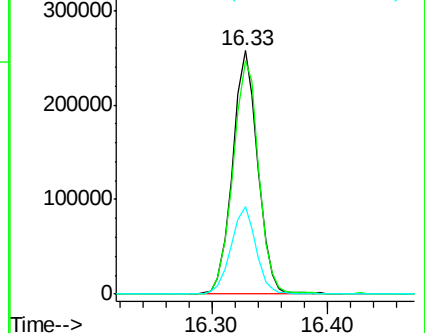
141 35.3 32.1 48.1

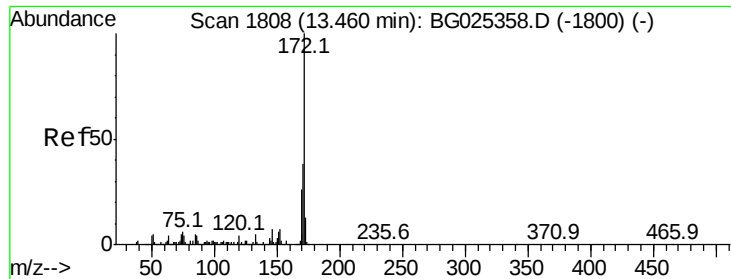


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

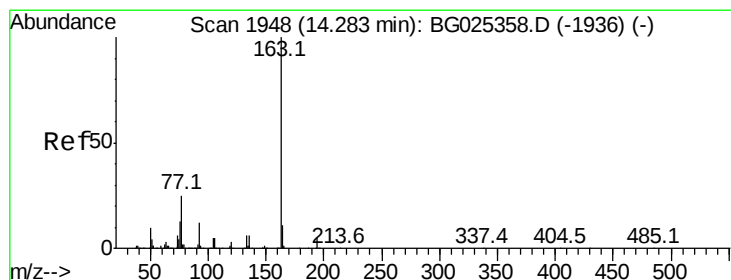
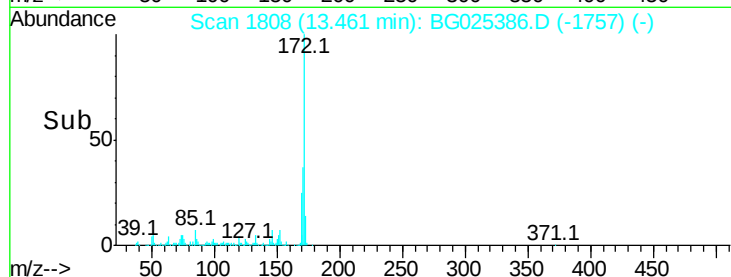
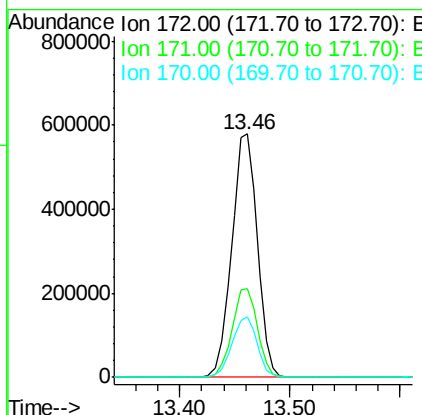
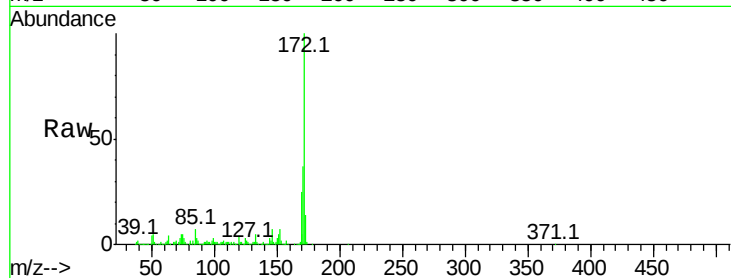




#44
2-Fluorobiphenyl
Concen: 96.76 ng
RT: 13.46 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BG025386.D
Acq: 22 Dec 2016 12:48

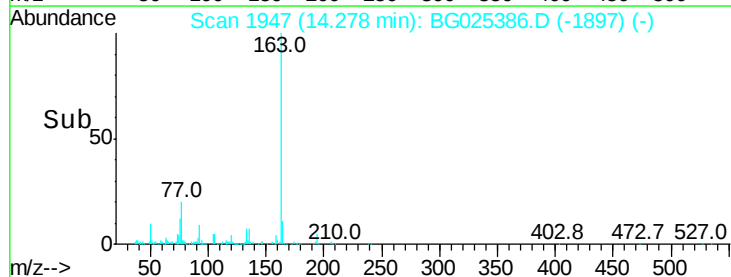
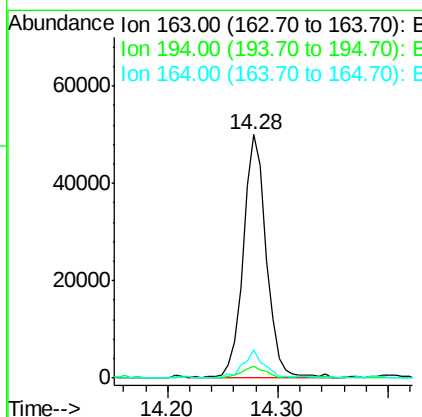
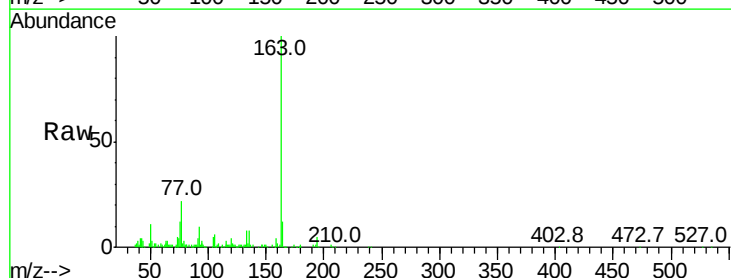
Instrument :
BNA_G
ClientSampleId :
W-05

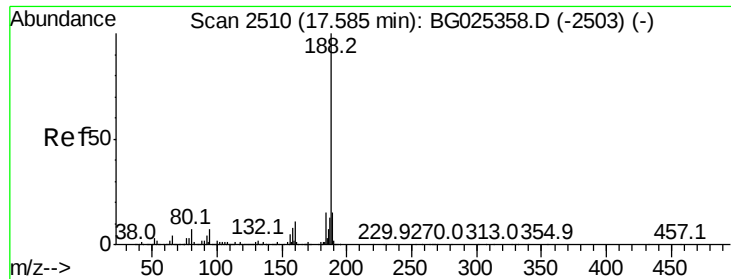
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	32.2	48.2
170	25.0	21.8	32.6



#49
Dimethylphthalate
Concen: 6.42 ng
RT: 14.28 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG025386.D
Acq: 22 Dec 2016 12:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	11.8	9.3	13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG025386.D

Acq: 22 Dec 2016 12:48

Instrument :

BNA_G

ClientSampleId :

W-05

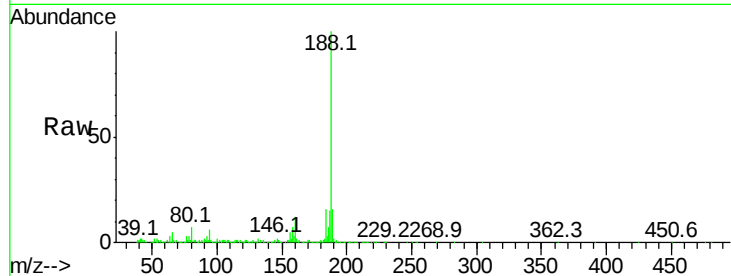
Tot Ion:188 Resp: 373315

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

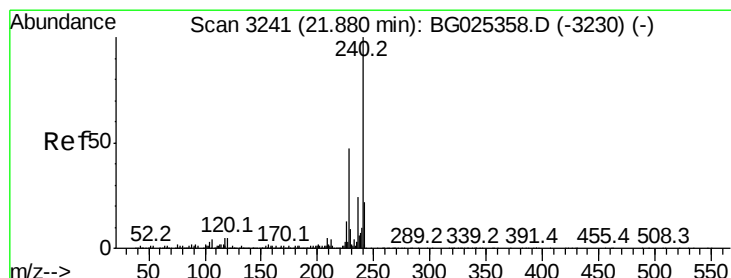
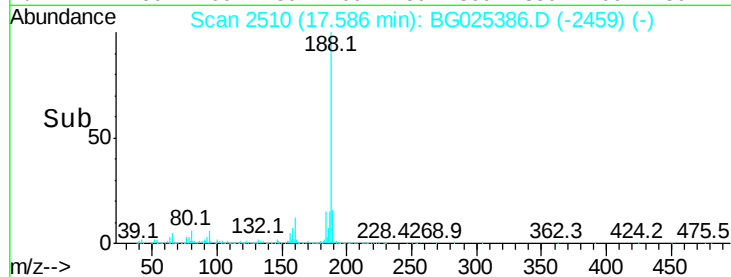
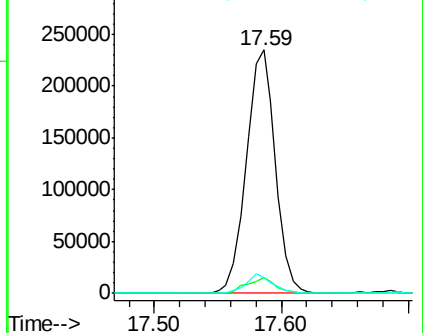
80 6.7 7.5 11.3#



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: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG025386.D

Acq: 22 Dec 2016 12:48

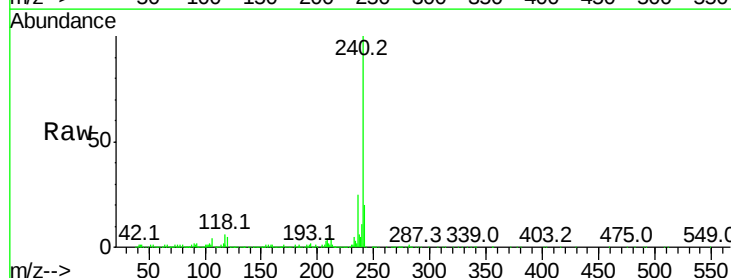
Tgt Ion:240 Resp: 552042

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

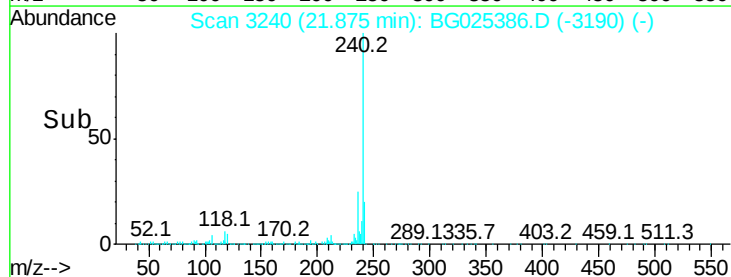
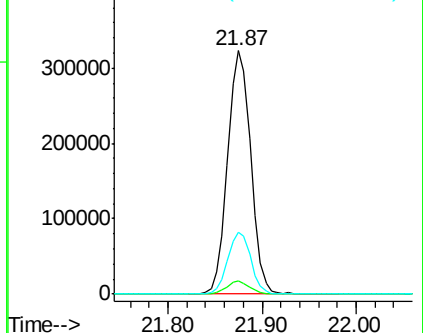
236 25.3 22.2 33.4

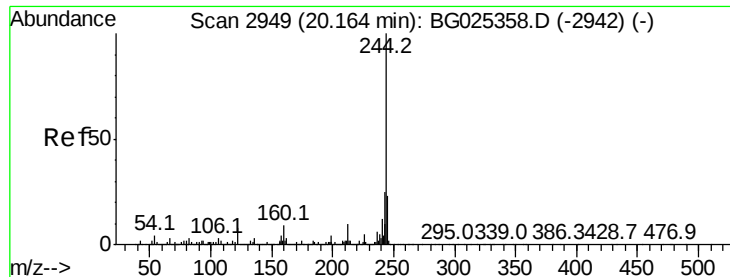


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.43 ng

RT: 20.17 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG025386.D

Acq: 22 Dec 2016 12:48

Instrument :

BNA_G

ClientSampleId :

W-05

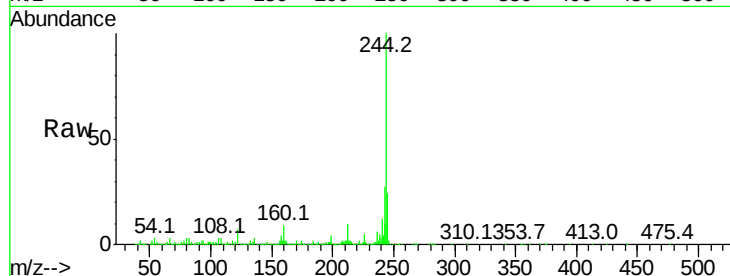
Tot Ion:244 Resp: 1862018

Ion Ratio Lower Upper

244 100

212 9.6 10.0 15.0#

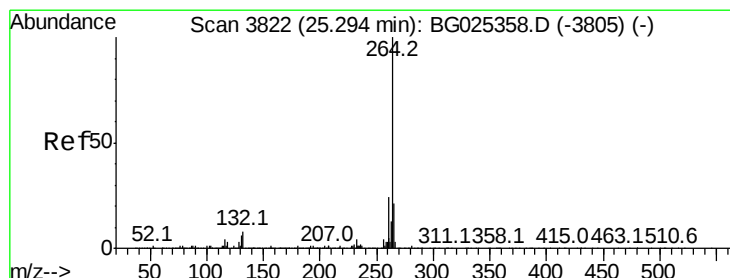
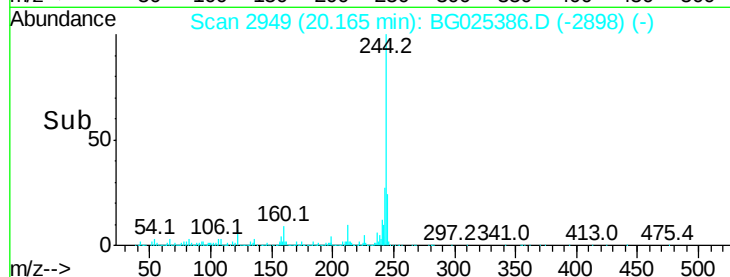
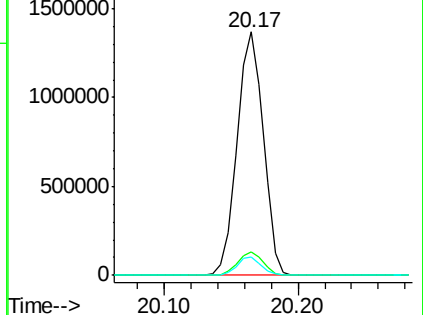
122 7.5 8.6 12.8#



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: 25.28 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025386.D

Acq: 22 Dec 2016 12:48

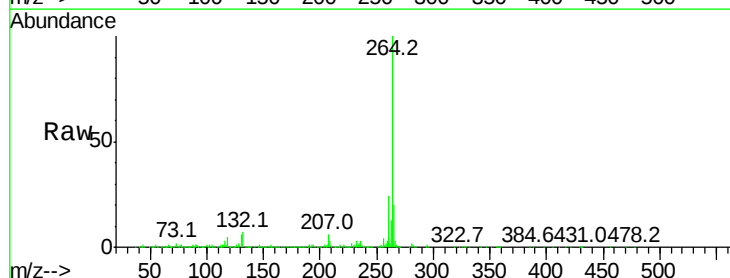
Tgt Ion:264 Resp: 567686

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 20.4 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

