

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025545.D
 Acq On : 20 Jan 2017 19:22
 Operator : UM/SJ
 Sample : I1304-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1634-NOTTINGHAM-COMP

Quant Time: Jan 21 00:12:42 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

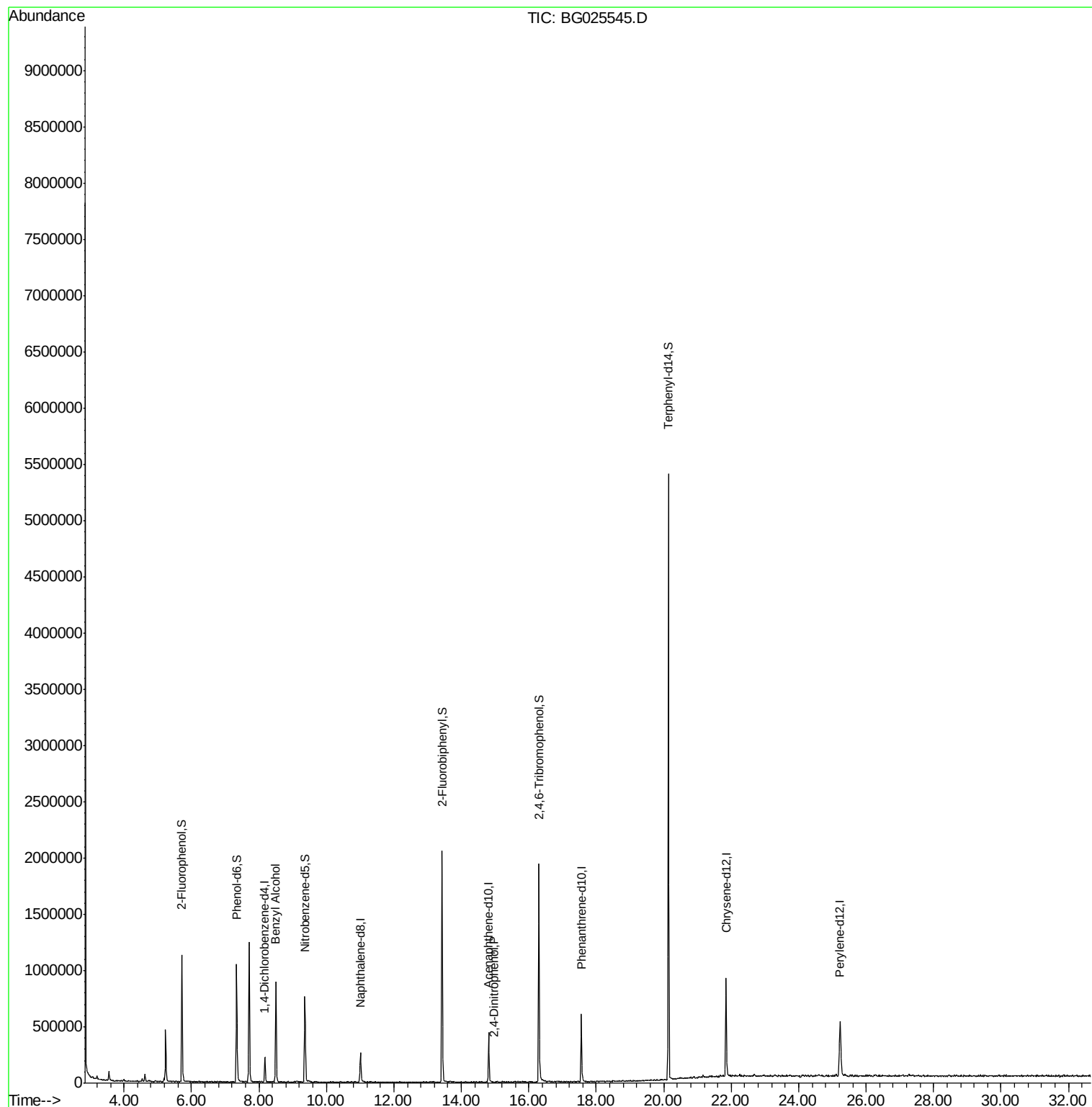
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	56872	20.00	ng	-0.01
21) Naphthalene-d8	11.01	136	222050	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	179367	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	408544	20.00	ng	-0.01
75) Chrysene-d12	21.84	240	631107	20.00	ng	-0.02
86) Perylene-d12	25.23	264	593152	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	437644	139.87	ng	-0.02
7) Phenol-d6	7.34	99	557442	126.50	ng	-0.02
23) Nitrobenzene-d5	9.36	82	496593	98.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	402024	139.22	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1055653	95.28	ng	-0.02
78) Terphenyl-d14	20.14	244	2240121	94.11	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.49	79	9473	2.25	ng	# 64
53) 2,4-Dinitrophenol	14.98	184	104	5.13	ng	# 15

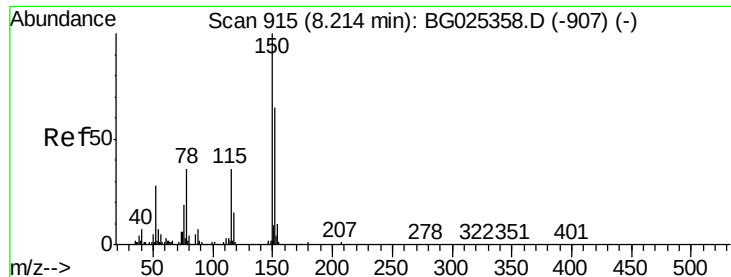
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG025545.D

Acq: 20 Jan 2017 19:22

Instrument :

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ClientSampleId :

1634-NOTTINGHAM-COMP

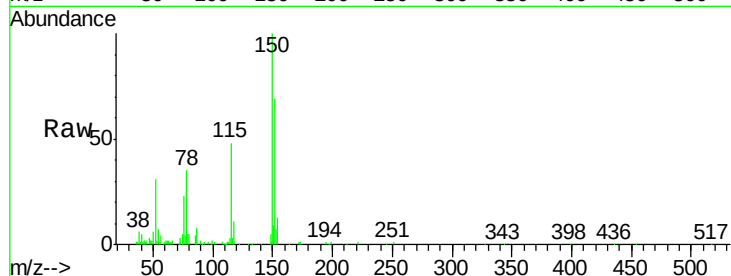
Tgt Ion:152 Resp: 56872

Ion Ratio Lower Upper

152 100

150 144.8 114.0 171.0

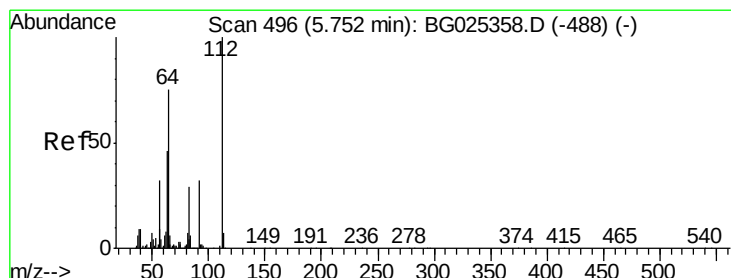
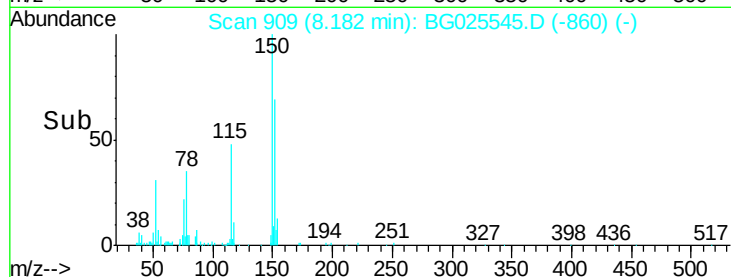
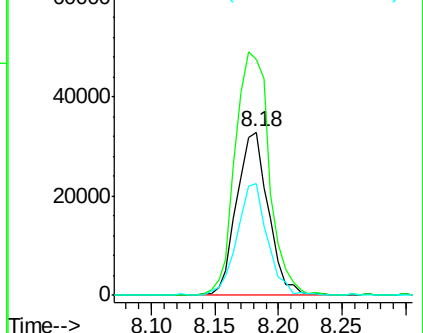
115 68.8 48.1 72.1



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: 139.87 ng

RT: 5.71 min Scan# 489

Delta R.T. -0.02 min

Lab File: BG025545.D

Acq: 20 Jan 2017 19:22

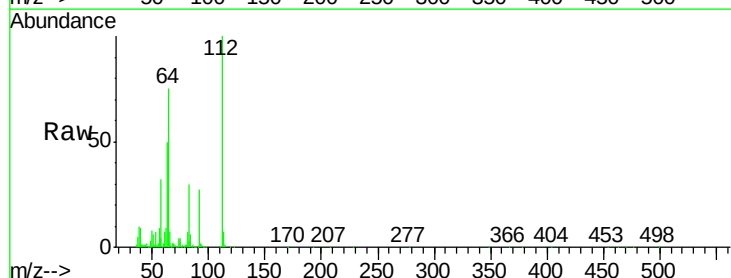
Tgt Ion:112 Resp: 437644

Ion Ratio Lower Upper

112 100

64 75.4 61.8 92.6

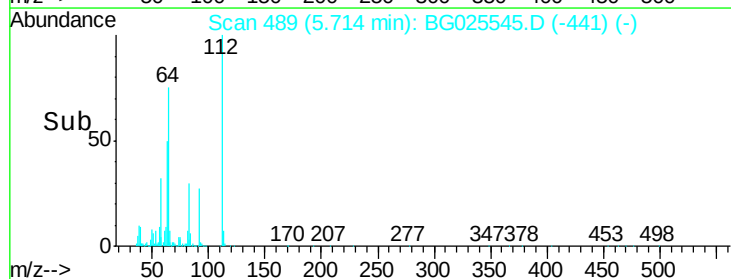
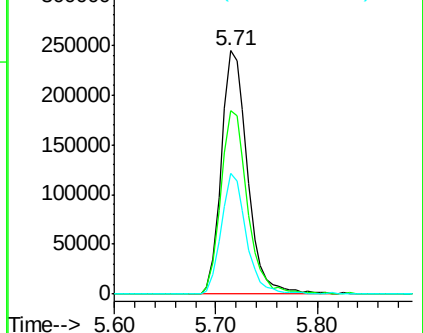
63 49.5 37.2 55.8

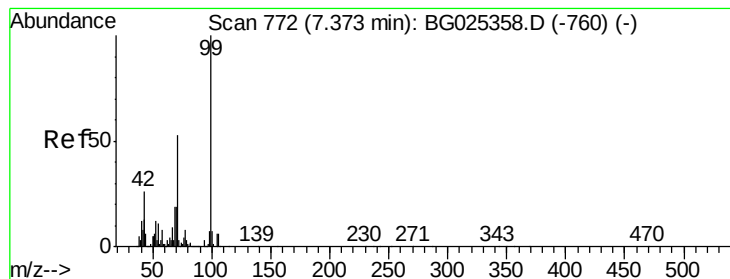


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.50 ng

RT: 7.34 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG025545.D

Acq: 20 Jan 2017 19:22

Instrument :

BNA_G

ClientSampleId :

1634-NOTTINGHAM-COMP

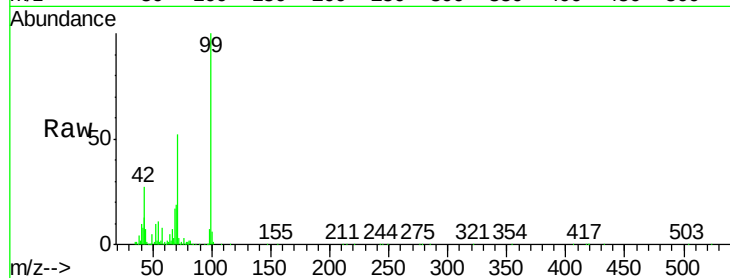
Tgt Ion: 99 Resp: 557442

Ion Ratio Lower Upper

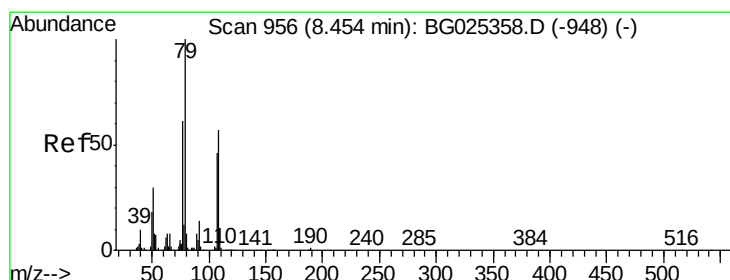
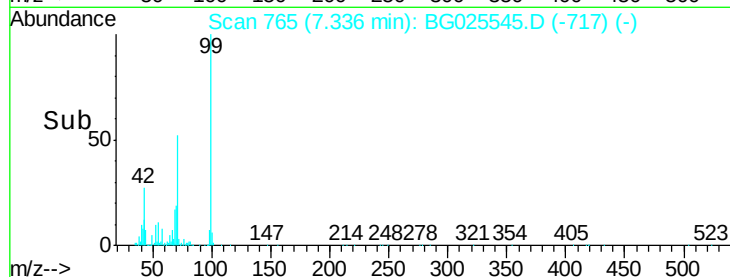
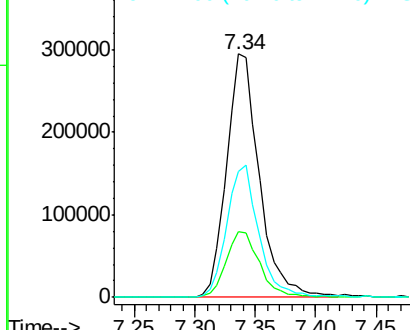
99 100

42 26.8 20.5 30.7

71 51.5 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



#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.05 min

Lab File: BG025545.D

Acq: 20 Jan 2017 19:22

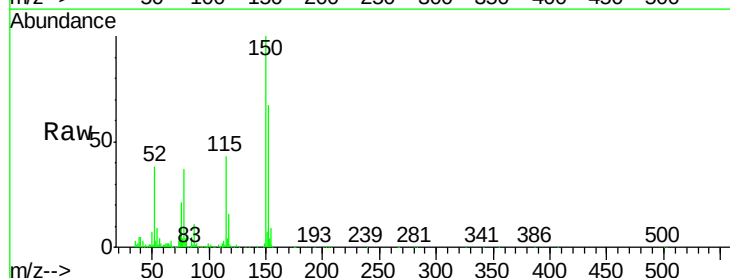
Tgt Ion: 79 Resp: 9473

Ion Ratio Lower Upper

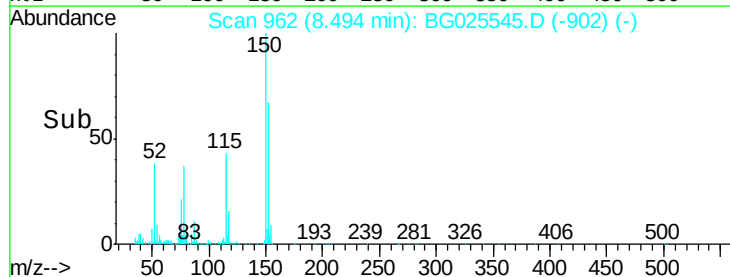
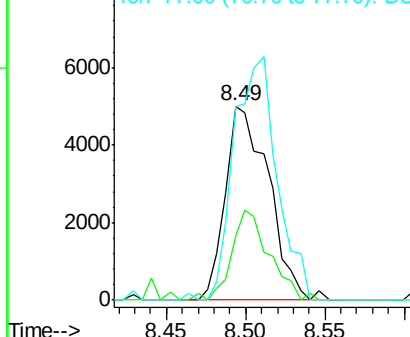
79 100

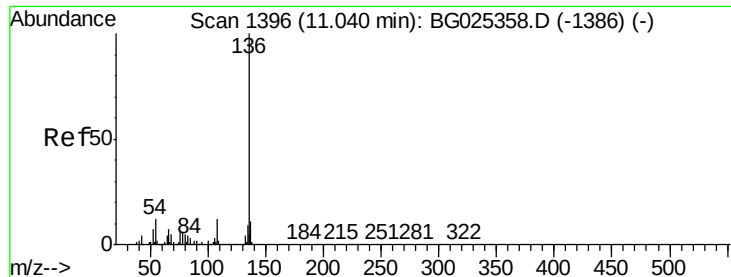
108 33.1 45.5 68.3#

77 99.8 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

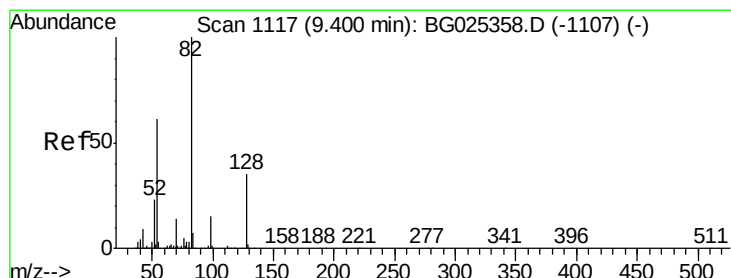
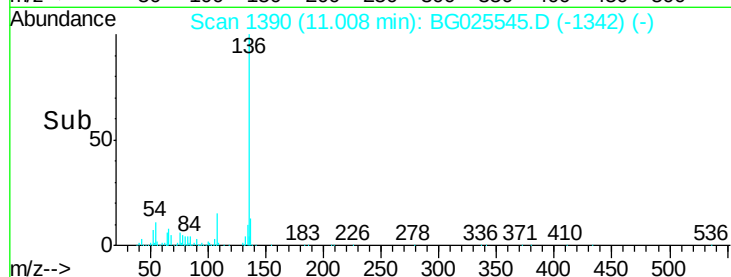
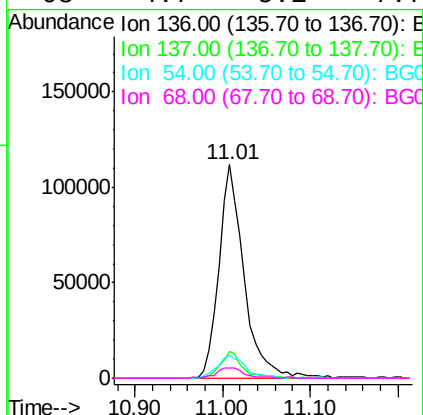
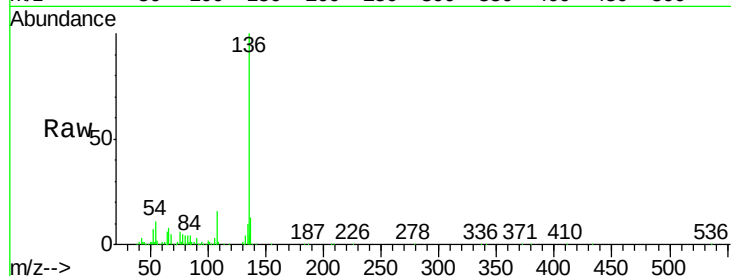




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

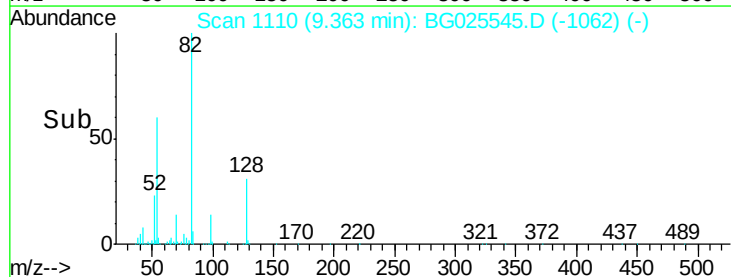
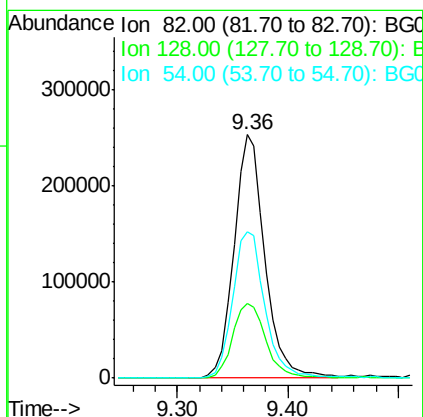
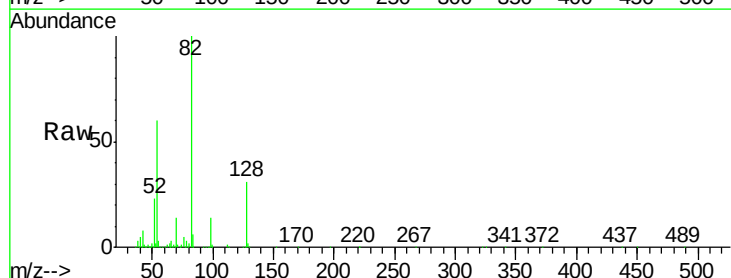
Instrument :
BNA_G
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1634-NOTTINGHAM-COMP

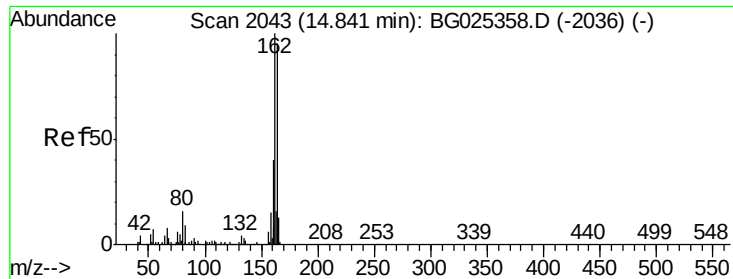
Tgt Ion:	136	Resp:	222050
Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.9	13.3
54	10.6	9.3	13.9
68	4.7	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 98.80 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Tgt Ion:	82	Resp:	496593
Ion	Ratio	Lower	Upper
82	100		
128	30.6	26.4	39.6
54	60.2	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG025545.D

Acq: 20 Jan 2017 19:22

Instrument :

BNA_G

ClientSampleId :

1634-NOTTINGHAM-COMP

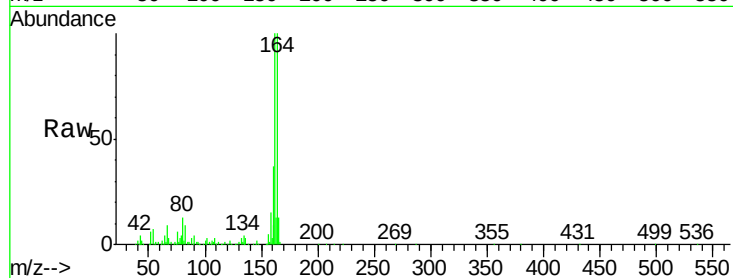
Tgt Ion:164 Resp: 179367

Ion Ratio Lower Upper

164 100

162 99.7 85.1 127.7

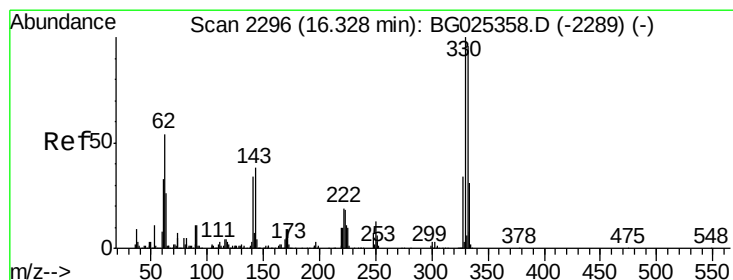
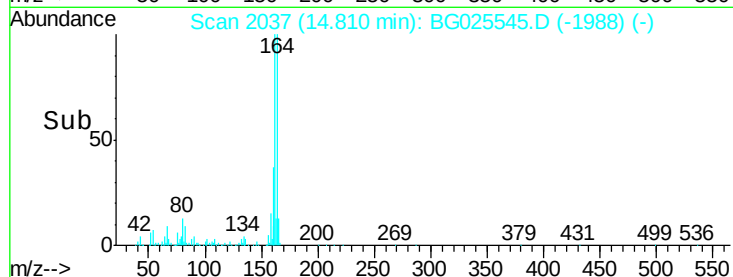
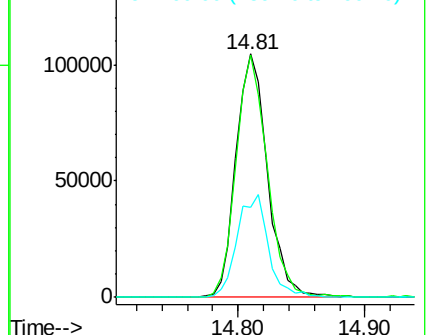
160 37.1 34.7 52.1



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: 139.22 ng

RT: 16.30 min Scan# 2290

Delta R.T. -0.02 min

Lab File: BG025545.D

Acq: 20 Jan 2017 19:22

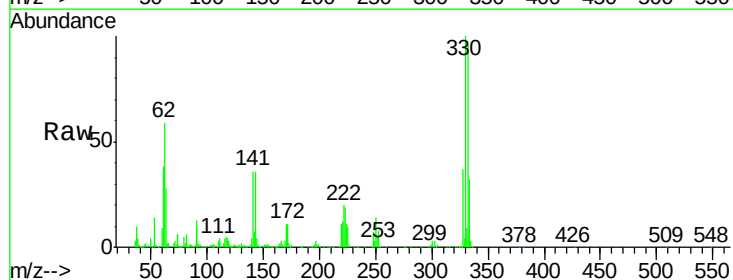
Tgt Ion:330 Resp: 402024

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

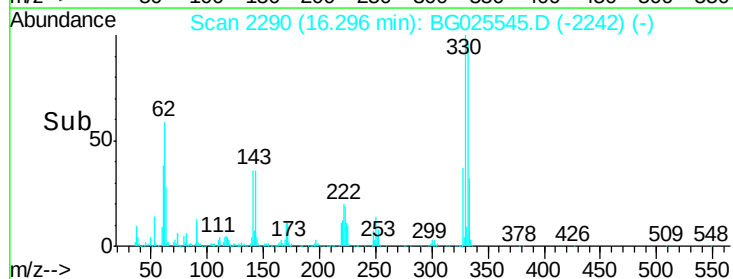
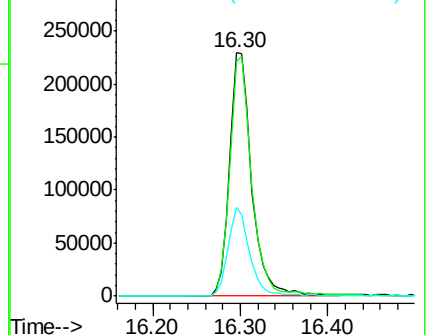
141 35.0 32.1 48.1

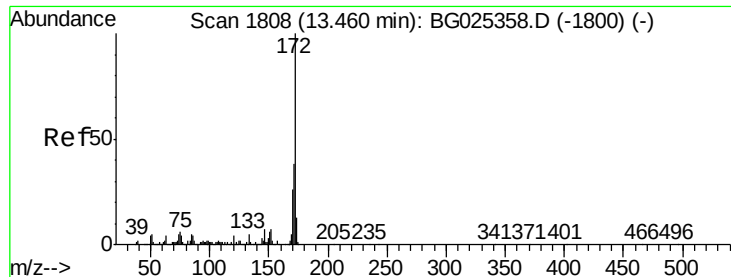


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

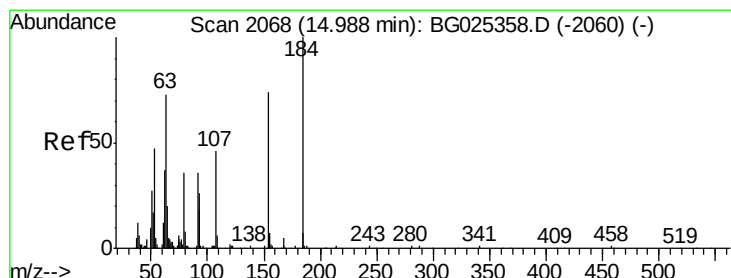
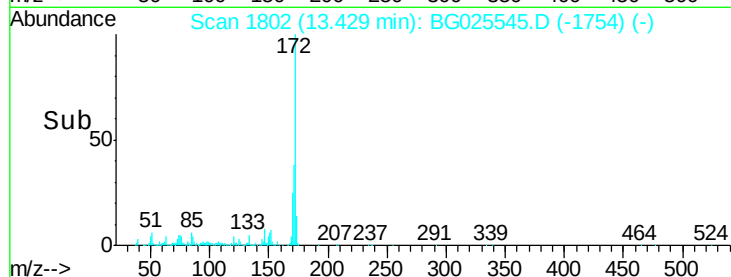
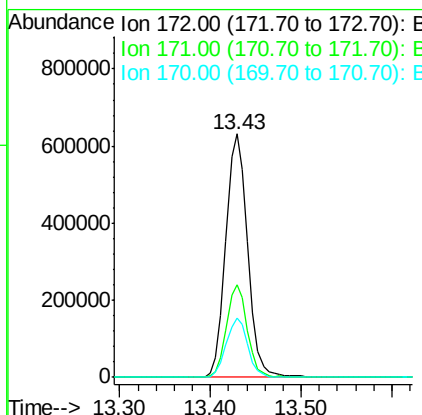
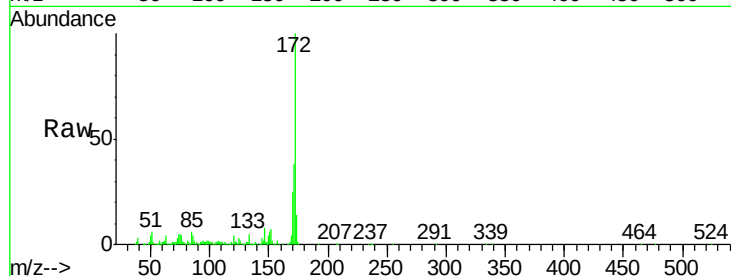




#44
2-Fluorobiphenyl
Concen: 95.28 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

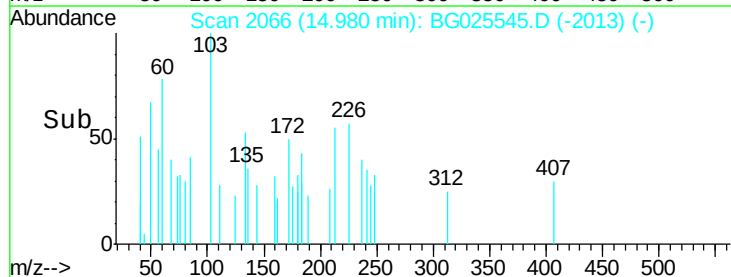
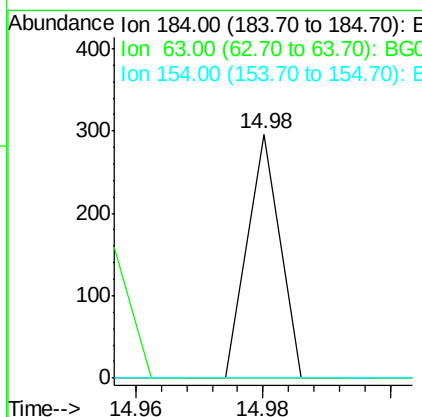
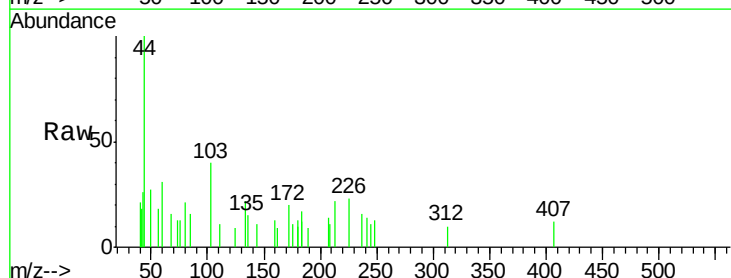
Instrument :
BNA_G
ClientSampleId :
1634-NOTTINGHAM-COMP

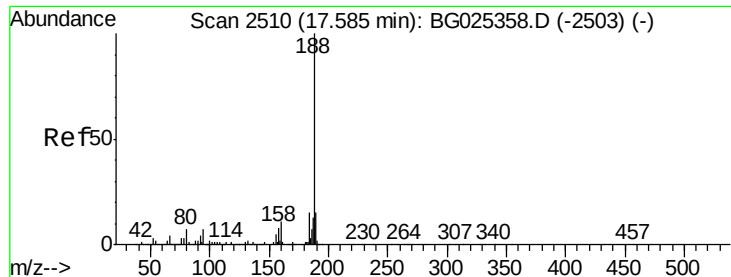
Tgt Ion:172 Resp: 1055653
Ion Ratio Lower Upper
172 100
171 37.9 32.2 48.2
170 24.6 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 5.13 ng
RT: 14.98 min Scan# 2066
Delta R.T. 0.01 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Tgt Ion:184 Resp: 104
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

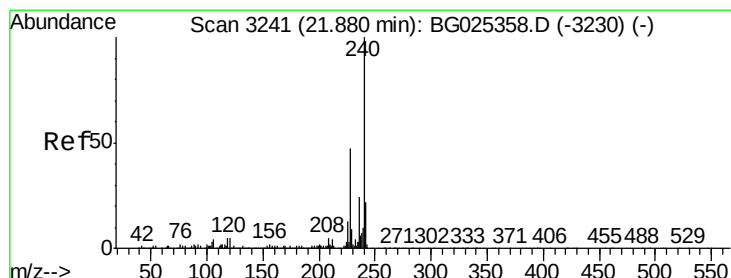
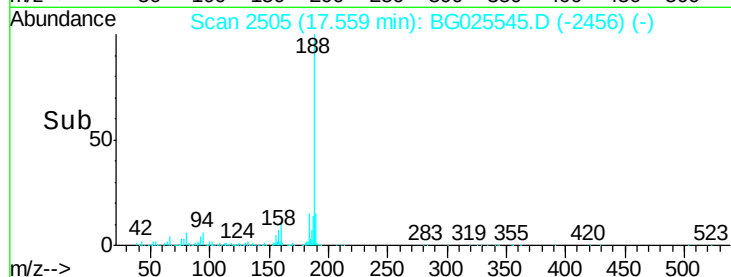
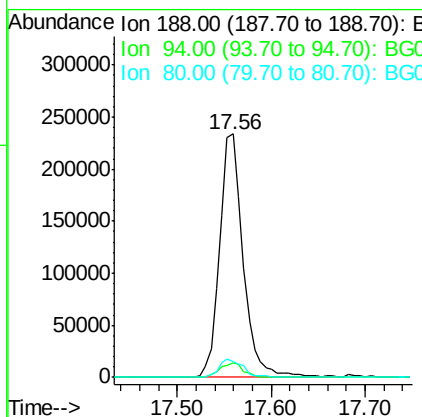
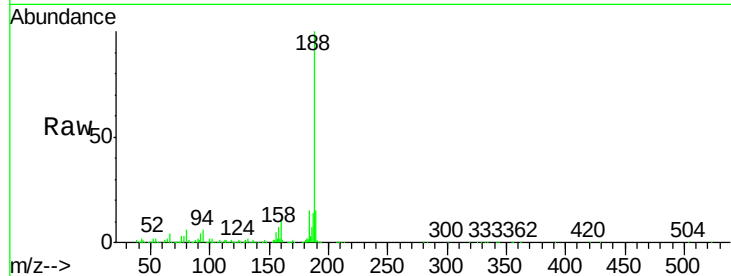




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

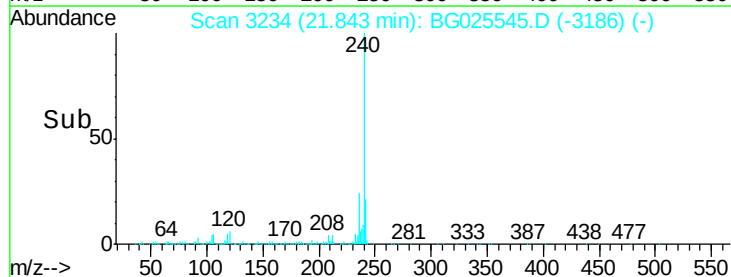
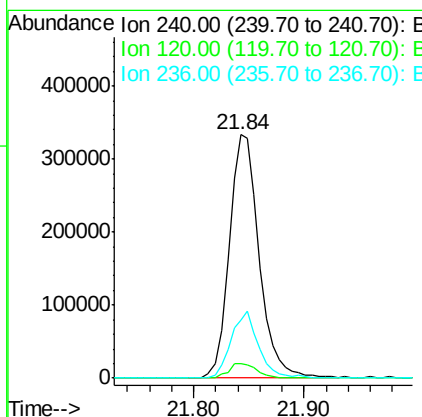
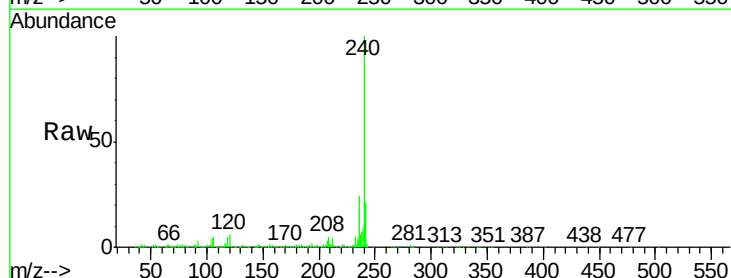
Instrument :
BNA_G
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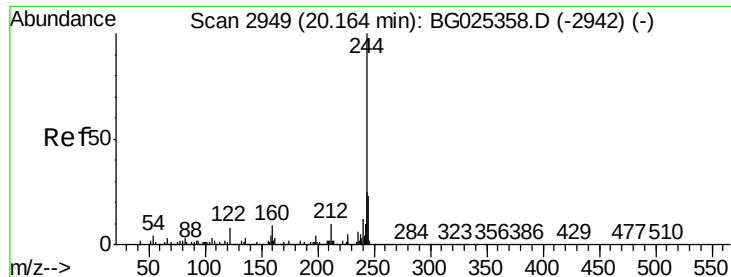
Tgt Ion:188 Resp: 408544
Ion Ratio Lower Upper
188 100
94 5.7 5.8 8.8#
80 6.4 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Tgt Ion:240 Resp: 631107
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5
236 24.0 22.2 33.4





#78

Terphenyl-d14

Concen: 94.11 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BG025545.D

Acq: 20 Jan 2017 19:22

Instrument :

BNA_G

ClientSampleId :

1634-NOTTINGHAM-COMP

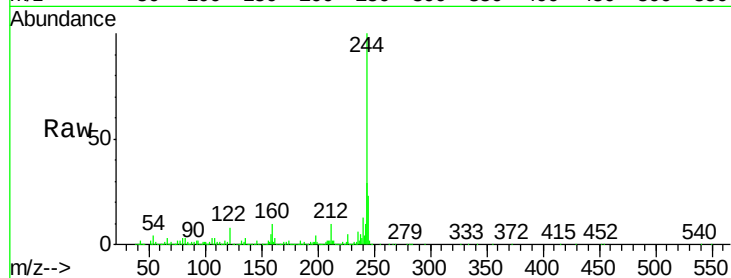
Tgt Ion:244 Resp: 2240121

Ion Ratio Lower Upper

244 100

212 10.1 10.0 15.0

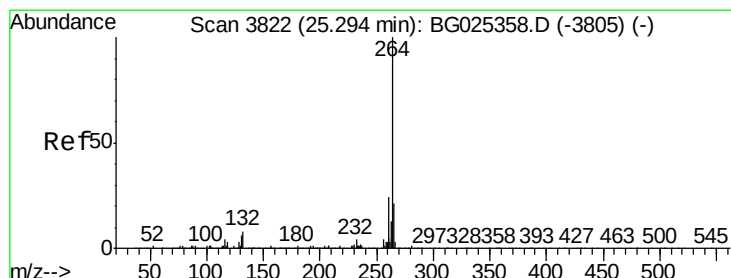
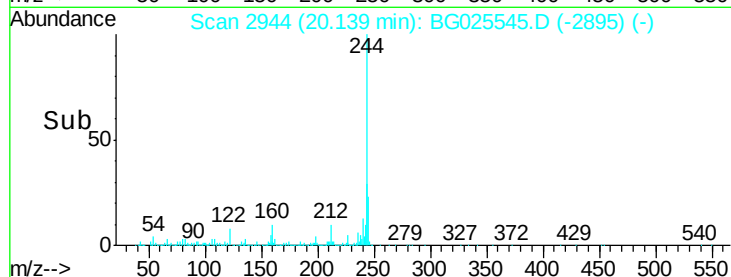
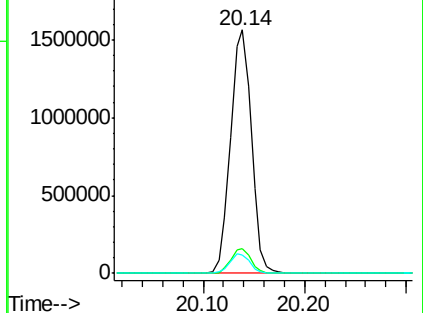
122 7.6 8.6 12.8#



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: 25.23 min Scan# 3810

Delta R.T. -0.04 min

Lab File: BG025545.D

Acq: 20 Jan 2017 19:22

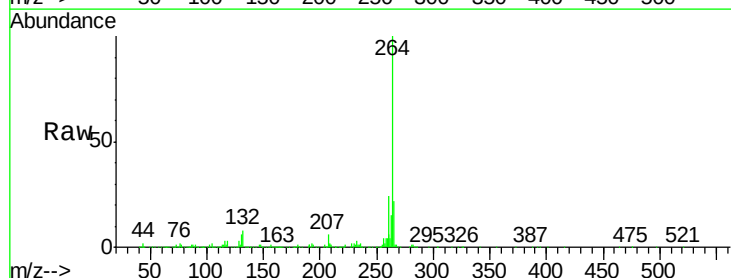
Tgt Ion:264 Resp: 593152

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 22.0 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

