

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022914.D
 Acq On : 8 Jul 2016 3:23
 Operator : UM/SJ
 Sample : H3841-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Jul 08 04:35:10 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

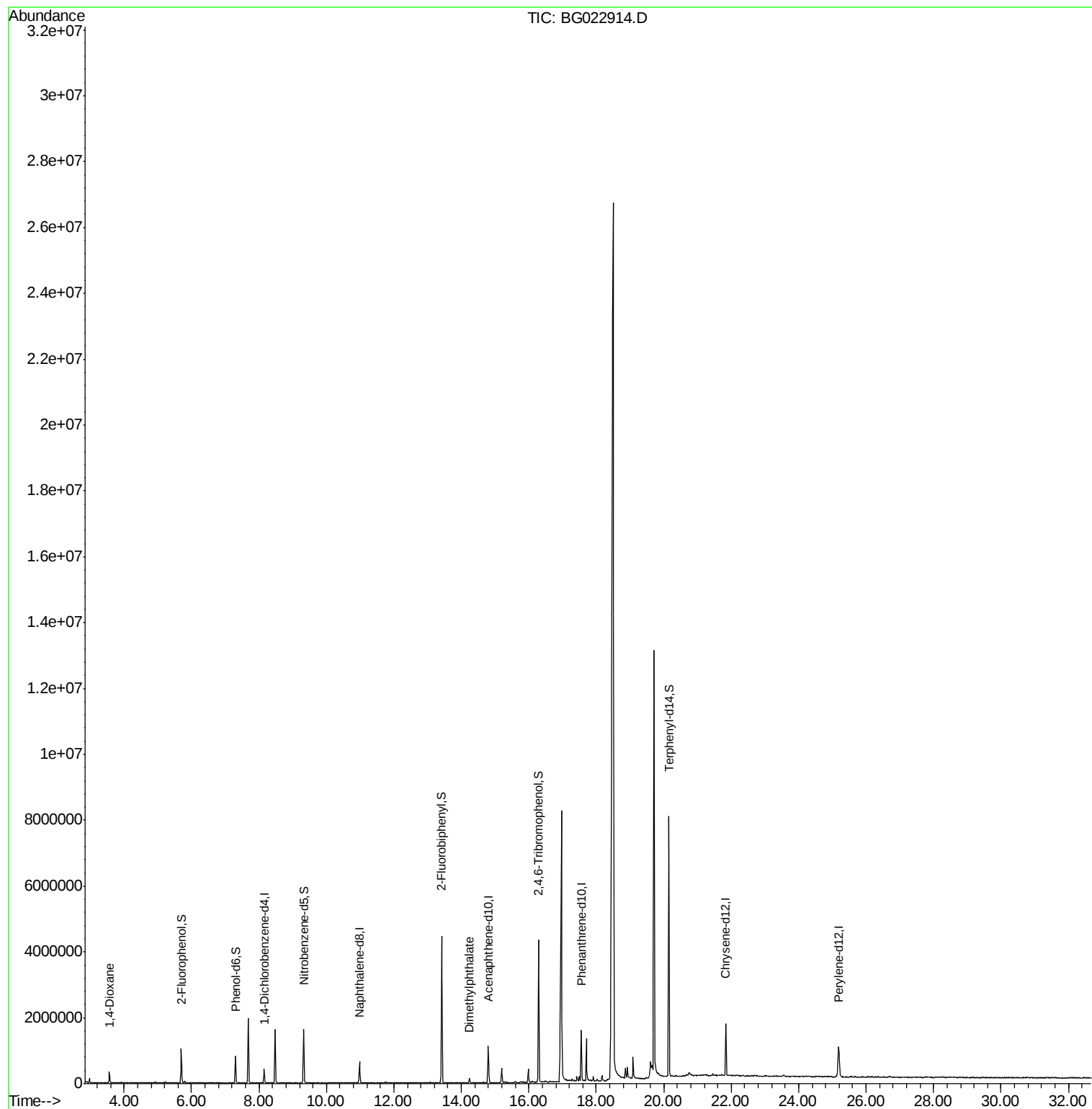
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	107598	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	513464	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	403282	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	914081	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1027769	20.00	ng	0.00
86) Perylene-d12	25.19	264	1051434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	443117	67.35	ng	0.00
7) Phenol-d6	7.30	99	466040	45.23	ng	0.00
23) Nitrobenzene-d5	9.33	82	1034759	86.29	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	837207	115.51	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2189374	85.51	ng	0.00
78) Terphenyl-d14	20.15	244	2846654	89.72	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.57	88	181392	70.93	ng	# 93
49) Dimethylphthalate	14.24	163	95026	2.88	ng	# 95

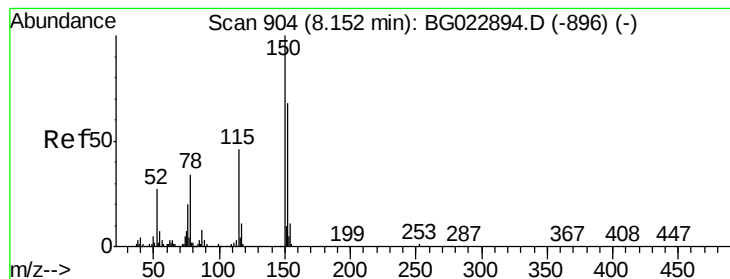
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022914.D

Acq: 8 Jul 2016 3:23

Instrument :

BNA_G

ClientSampleId :

MW-2

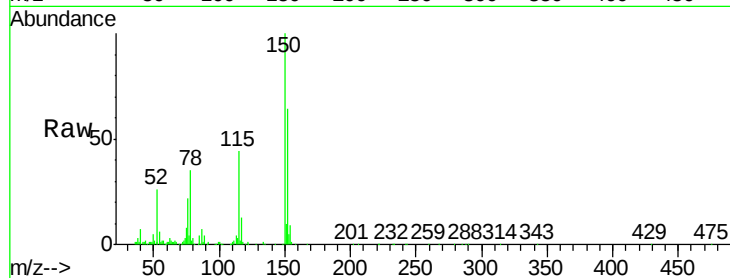
Tot Ion:152 Resp: 107598

Ion Ratio Lower Upper

152 100

150 155.5 144.7 217.1

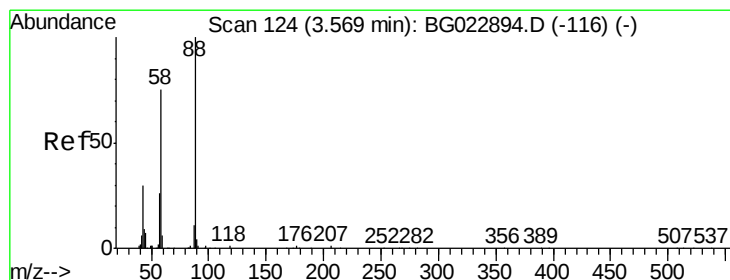
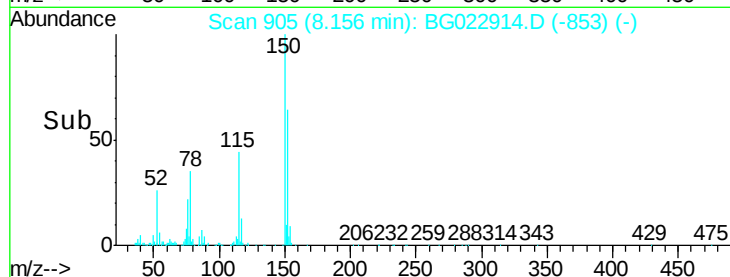
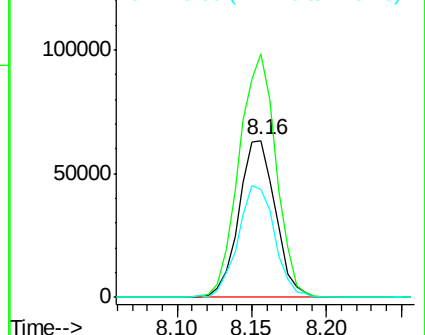
115 68.8 64.0 96.0



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



#2

1,4-Dioxane

Concen: 70.93 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG022914.D

Acq: 8 Jul 2016 3:23

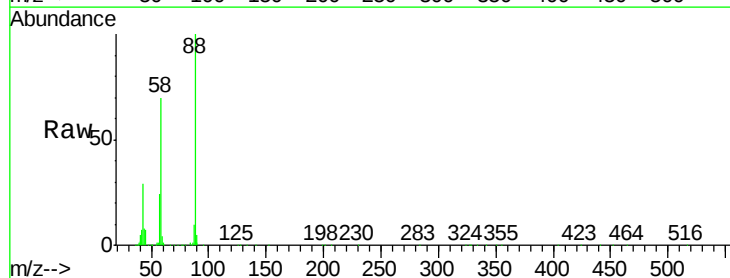
Tgt Ion: 88 Resp: 181392

Ion Ratio Lower Upper

88 100

58 72.1 60.4 90.6

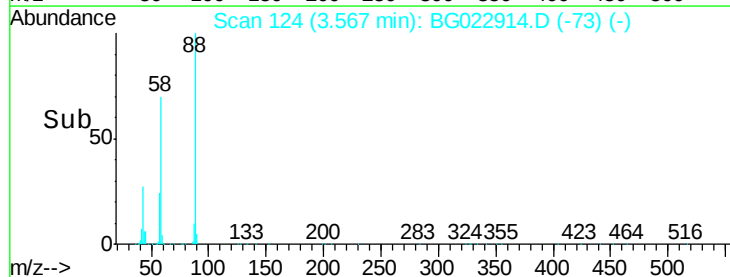
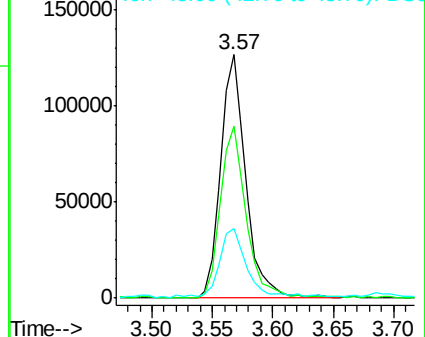
43 30.6 31.1 46.7#

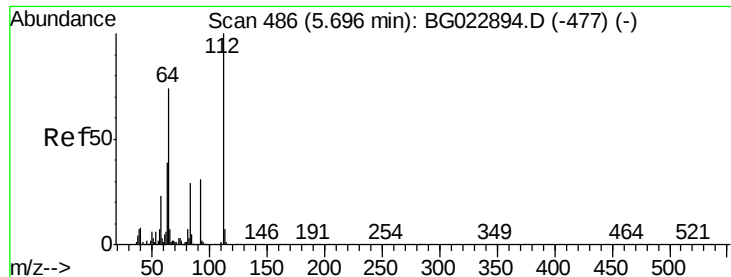


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 67.35 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG022914.D

Acq: 8 Jul 2016 3:23

Instrument :

BNA_G

ClientSampleId :

MW-2

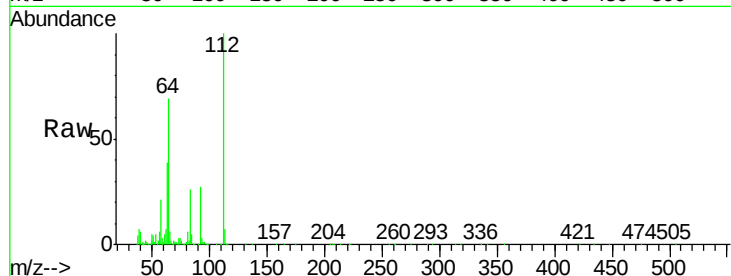
Tot Ion:112 Resp: 443117

Ion Ratio Lower Upper

112 100

64 69.0 59.0 88.4

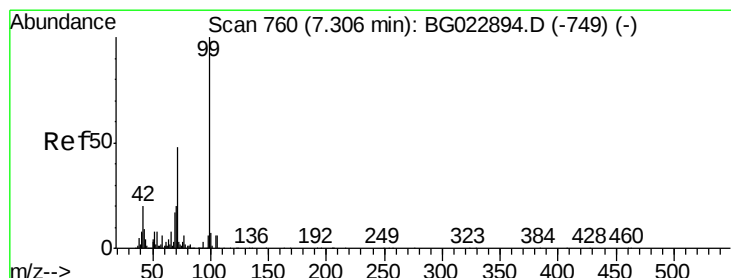
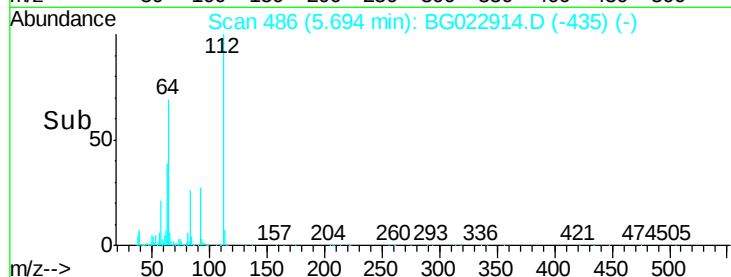
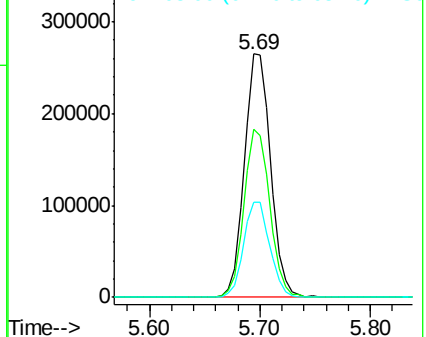
63 38.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 45.23 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022914.D

Acq: 8 Jul 2016 3:23

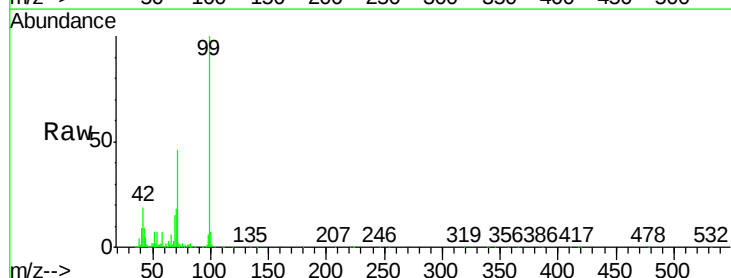
Tgt Ion: 99 Resp: 466040

Ion Ratio Lower Upper

99 100

42 18.6 17.8 26.6

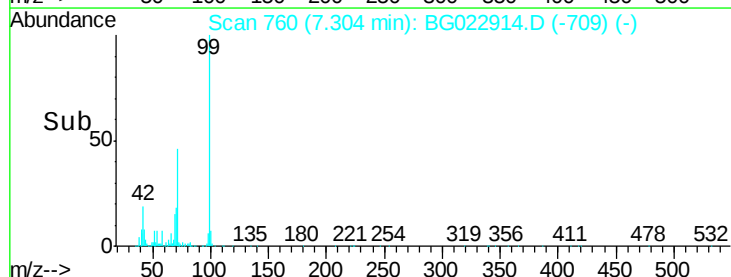
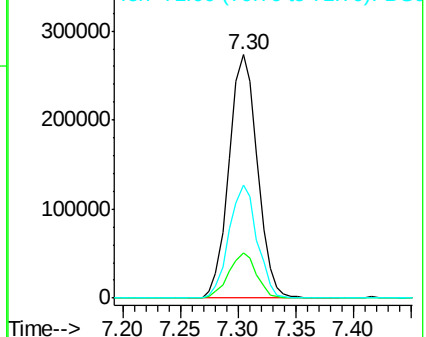
71 46.2 41.5 62.3

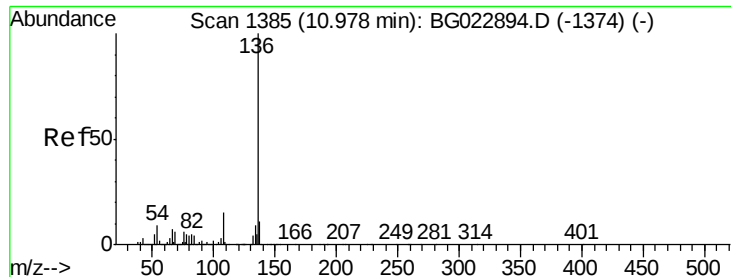


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

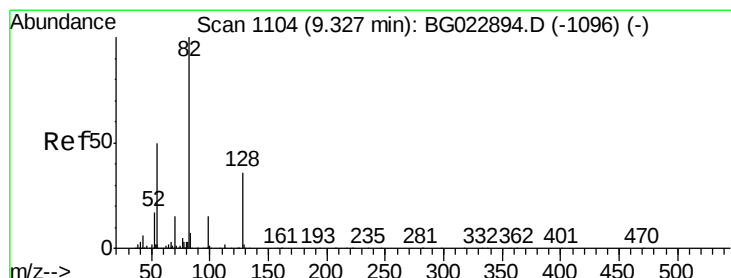
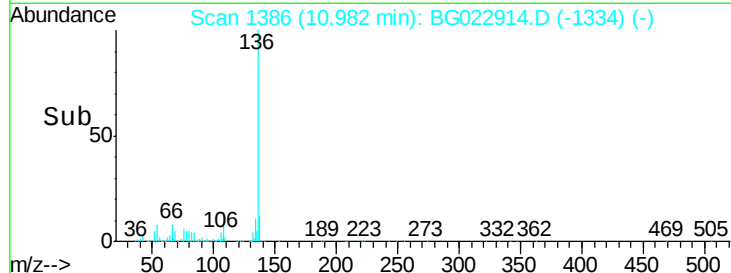
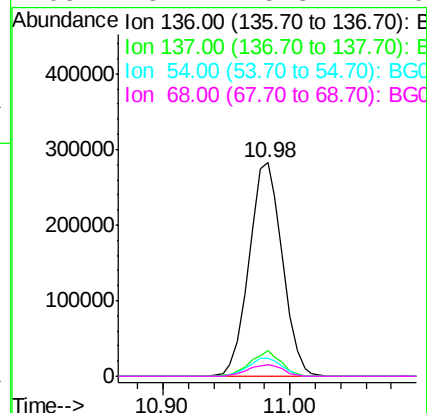
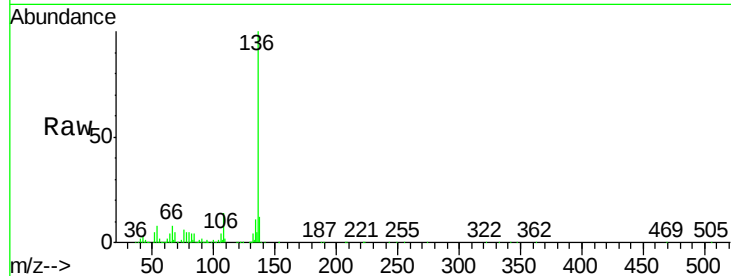




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022914.D
Acq: 8 Jul 2016 3:23

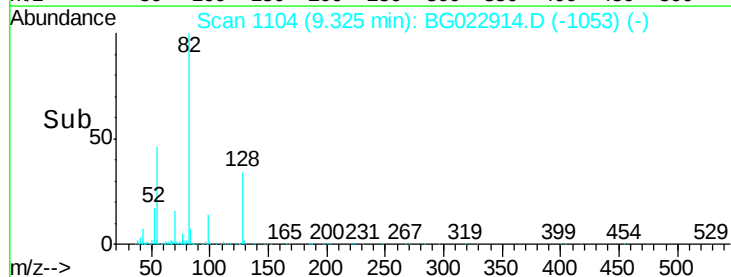
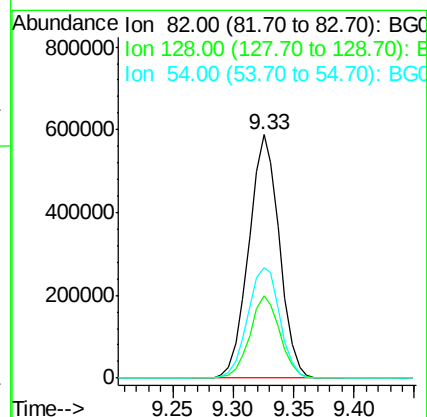
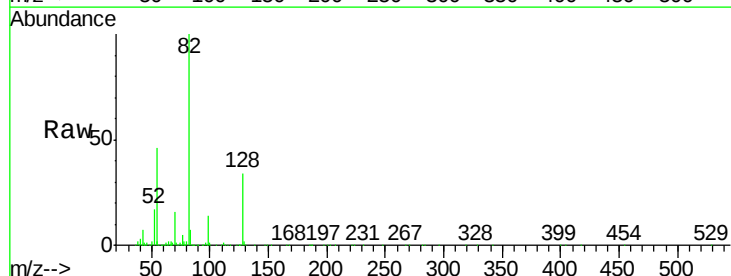
Instrument :
BNA_G
ClientSampled :
MW-2

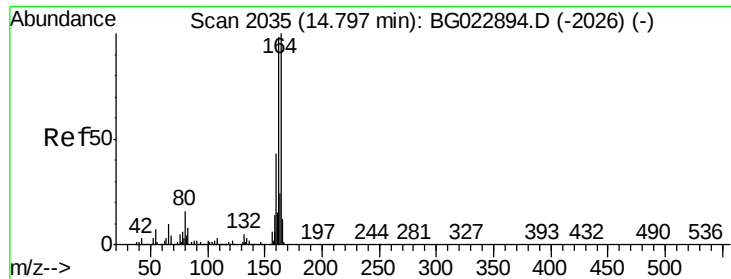
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	8.5	7.3	10.9
68	5.2	5.3	7.9



#23
Nitrobenzene-d5
Concen: 86.29 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022914.D
Acq: 8 Jul 2016 3:23

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	24.4	36.6
54	45.6	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022914.D

Acq: 8 Jul 2016 3:23

Instrument :

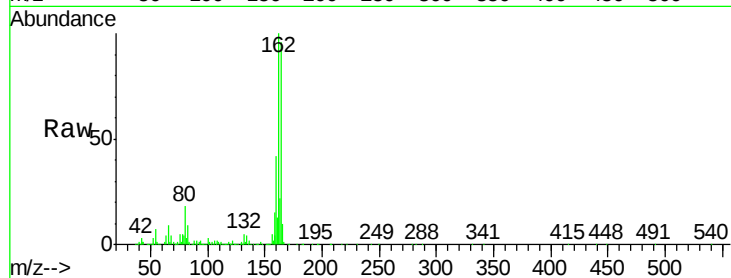
BNA_G

ClientSampleId :

MW-2

Tot Ion:164 Resp: 403282

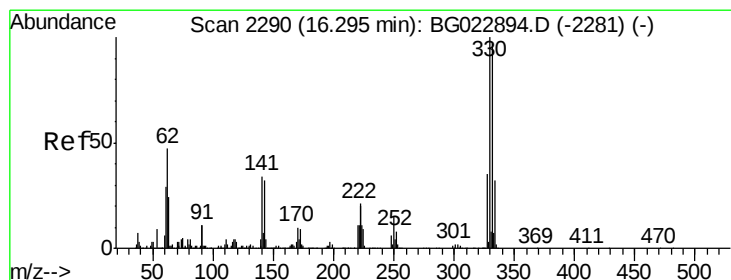
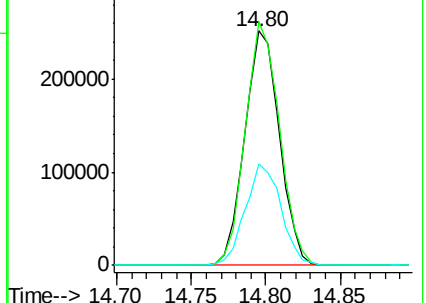
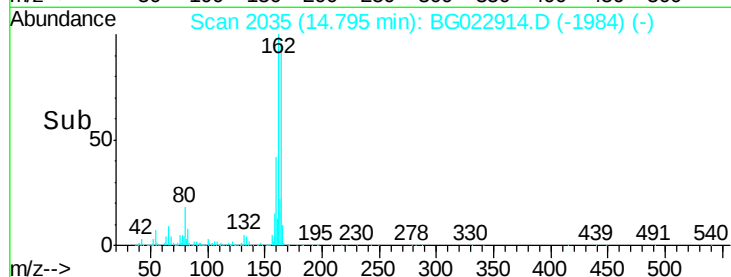
Ion	Ratio	Lower	Upper
164	100		
162	103.8	87.7	131.5
160	43.5	37.2	55.8



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: 115.51 ng

RT: 16.29 min Scan# 2290

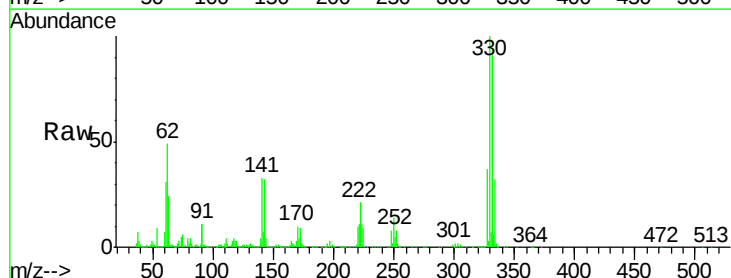
Delta R.T. -0.00 min

Lab File: BG022914.D

Acq: 8 Jul 2016 3:23

Tgt Ion:330 Resp: 837207

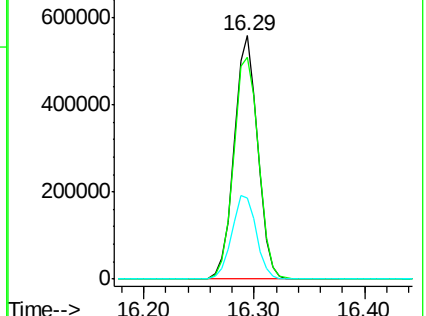
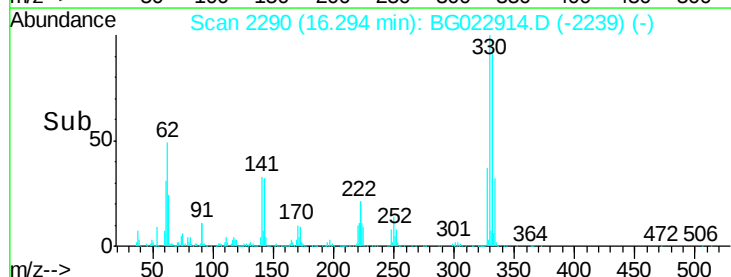
Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	35.5	31.7	47.5

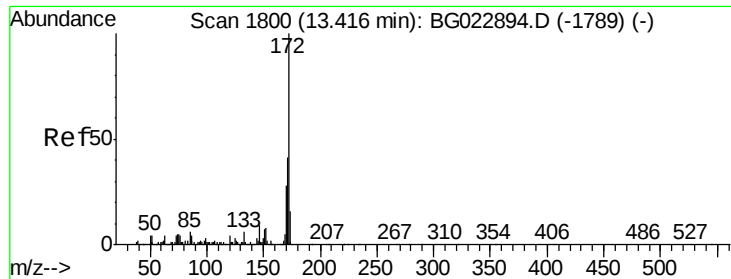


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

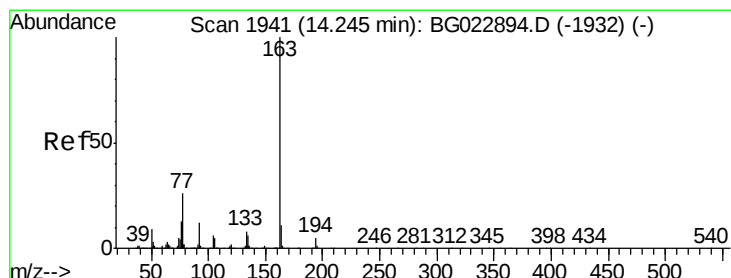
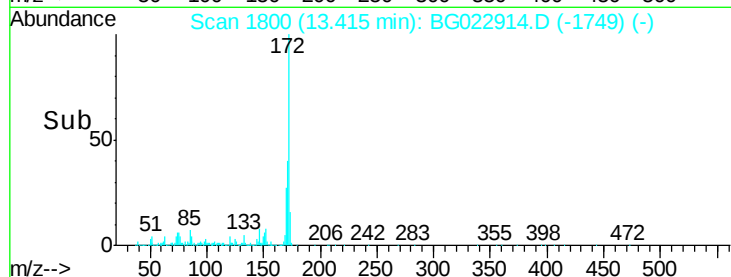
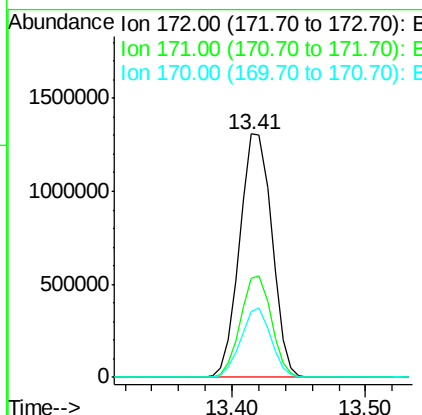
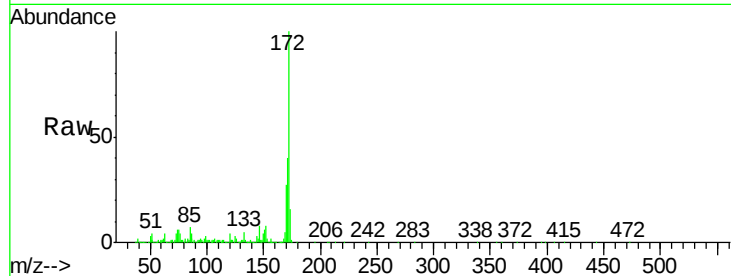




#44
2-Fluorobiphenyl
Concen: 85.51 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG022914.D
Acq: 8 Jul 2016 3:23

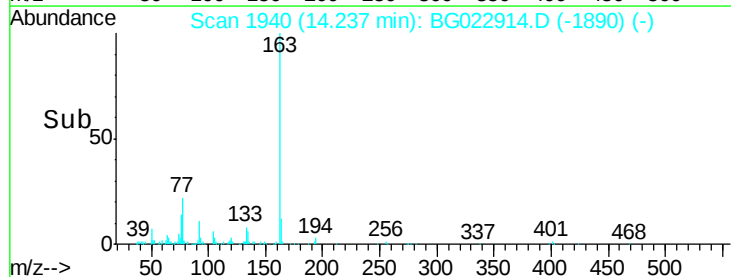
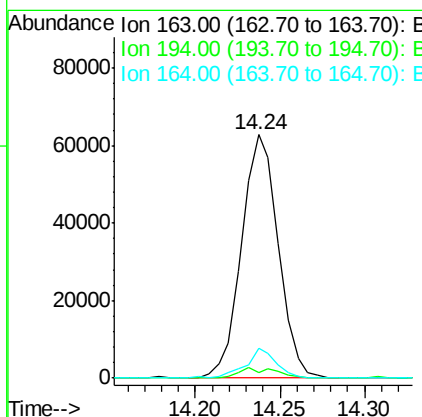
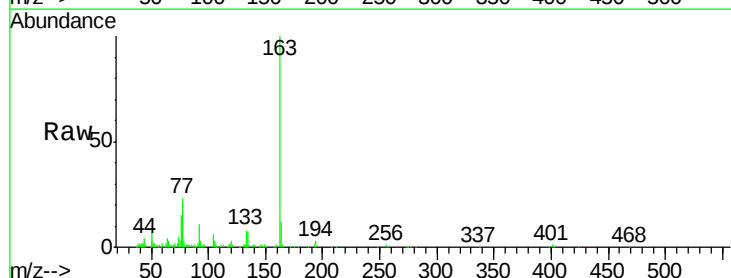
Instrument :
BNA_G
ClientSampleId :
MW-2

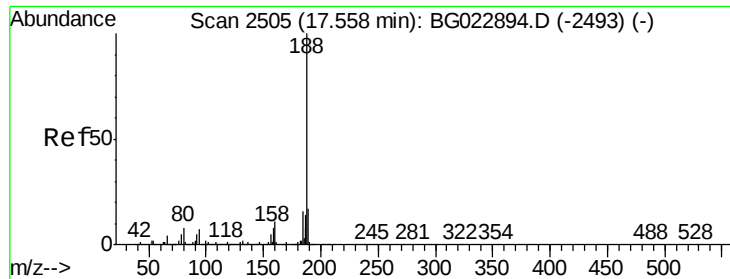
Tot Ion:172 Resp: 2189374
Ion Ratio Lower Upper
172 100
171 40.4 31.6 47.4
170 27.2 21.3 31.9



#49
Dimethylphthalate
Concen: 2.88 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022914.D
Acq: 8 Jul 2016 3:23

Tgt Ion:163 Resp: 95026
Ion Ratio Lower Upper
163 100
194 2.5 3.6 5.4#
164 12.0 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022914.D

Acq: 8 Jul 2016 3:23

Instrument :

BNA_G

ClientSampleId :

MW-2

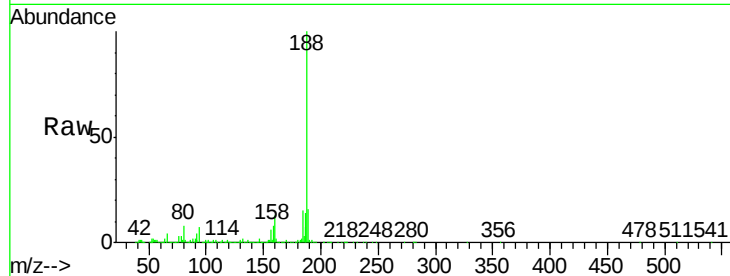
Tot Ion:188 Resp: 914081

Ion Ratio Lower Upper

188 100

94 6.7 5.2 7.8

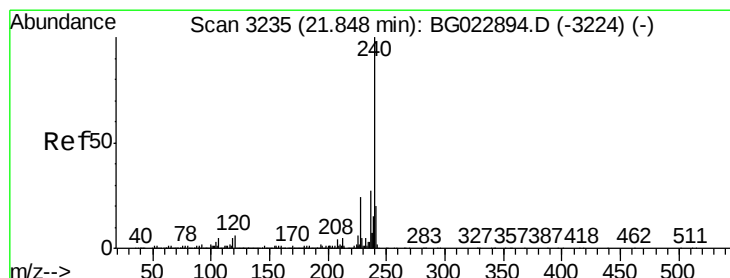
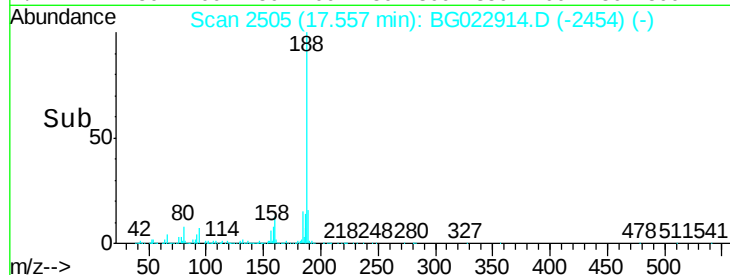
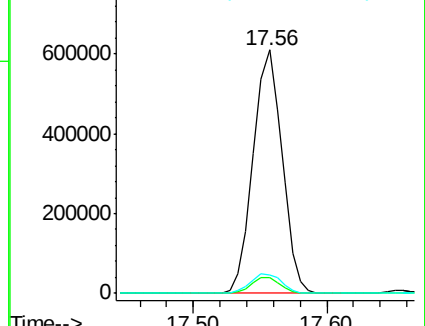
80 7.7 7.2 10.8



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: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG022914.D

Acq: 8 Jul 2016 3:23

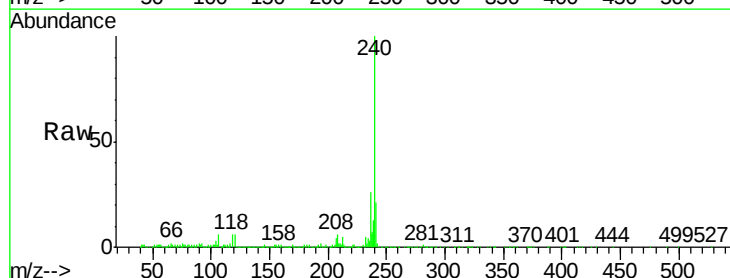
Tgt Ion:240 Resp: 1027769

Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

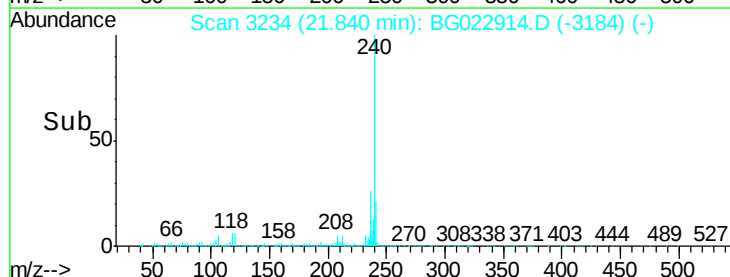
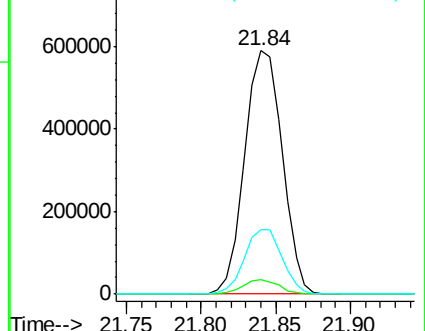
236 26.4 21.1 31.7

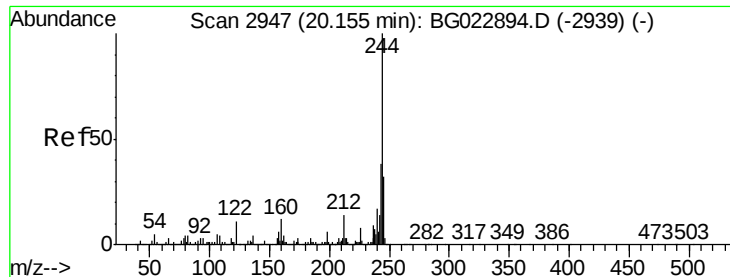


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.72 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022914.D

Acq: 8 Jul 2016 3:23

Instrument :

BNA_G

ClientSampleId :

MW-2

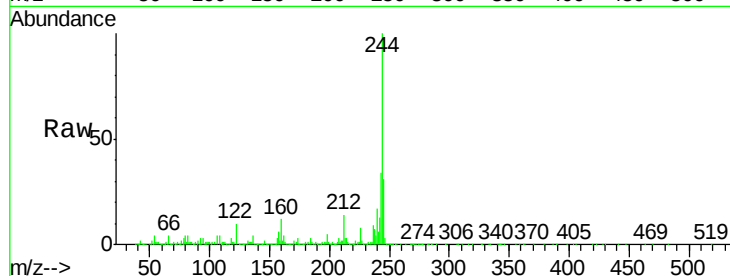
Tot Ion:244 Resp: 2846654

Ion Ratio Lower Upper

244 100

212 13.8 10.8 16.2

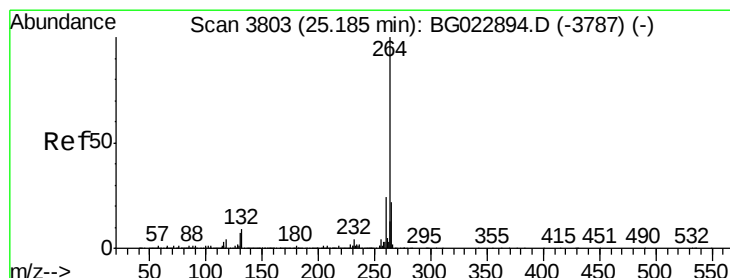
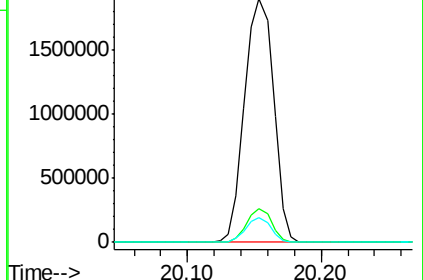
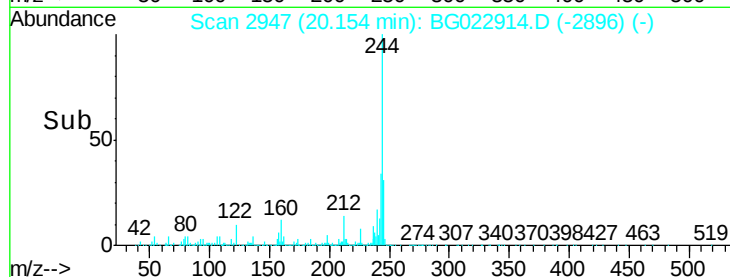
122 10.2 8.0 12.0



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: 25.19 min Scan# 3804

Delta R.T. 0.00 min

Lab File: BG022914.D

Acq: 8 Jul 2016 3:23

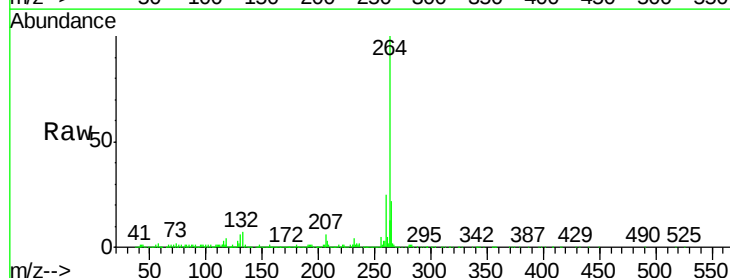
Tgt Ion:264 Resp: 1051434

Ion Ratio Lower Upper

264 100

260 25.3 18.4 27.6

265 21.6 18.9 28.3



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

