

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071416\
 Data File : BG023097.D
 Acq On : 14 Jul 2016 12:10
 Operator : UM/SJ
 Sample : H3996-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)C

Quant Time: Jul 14 17:57:44 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

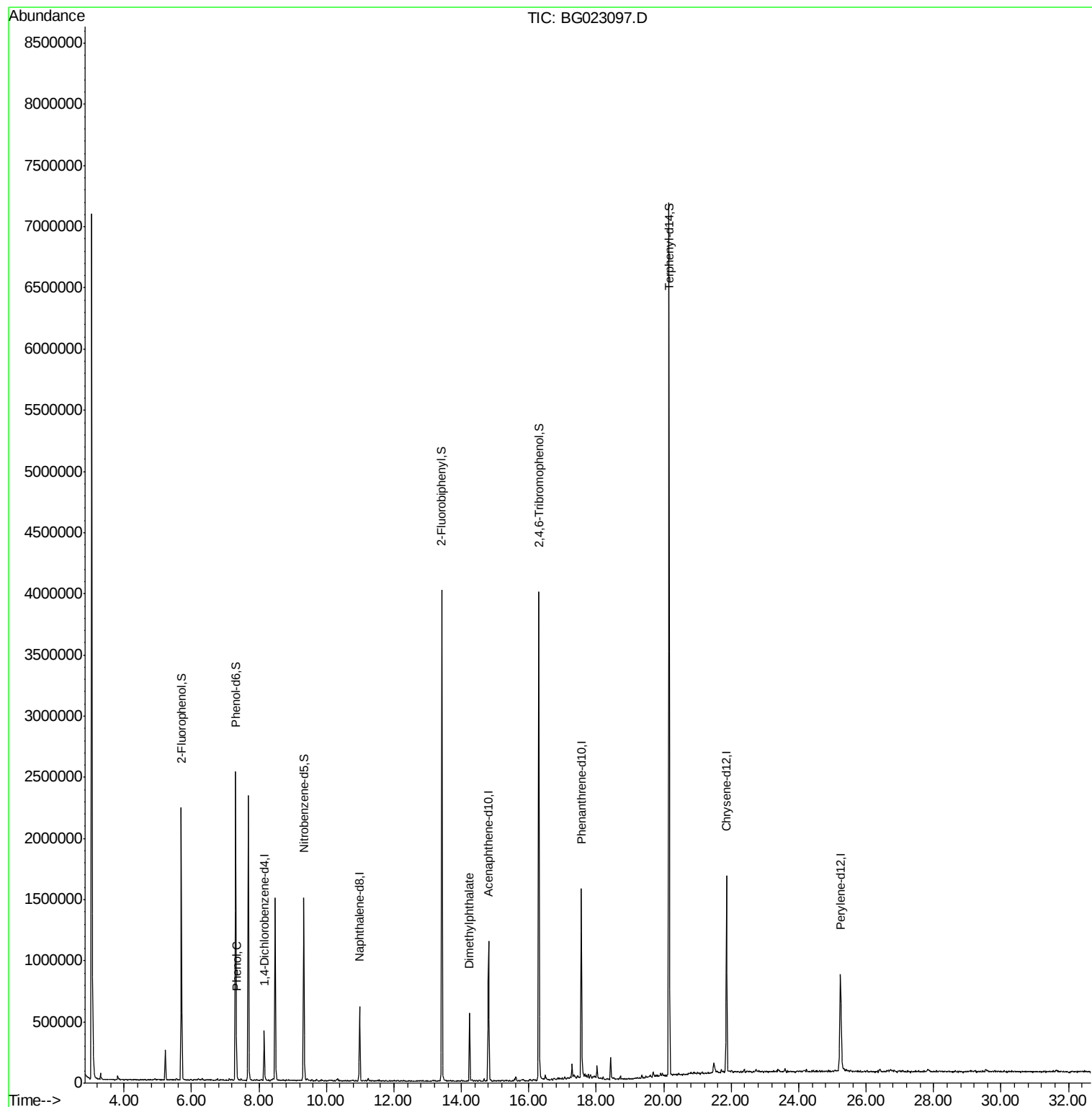
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	104942	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	486997	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	393333	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	927079	20.00	ng	0.00
75) Chrysene-d12	21.86	240	994423	20.00	ng	0.01
86) Perylene-d12	25.24	264	1001965	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	877170	136.71	ng	0.00
7) Phenol-d6	7.31	99	1390127	138.32	ng	0.00
23) Nitrobenzene-d5	9.33	82	993387	87.34	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	741615	104.91	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1976907	79.17	ng	0.00
78) Terphenyl-d14	20.16	244	2724163	88.10	ng	0.00
Target Compounds						
10) Phenol	7.34	94	21372	2.07	ng	90
49) Dimethylphthalate	14.24	163	359412	11.19	ng	98

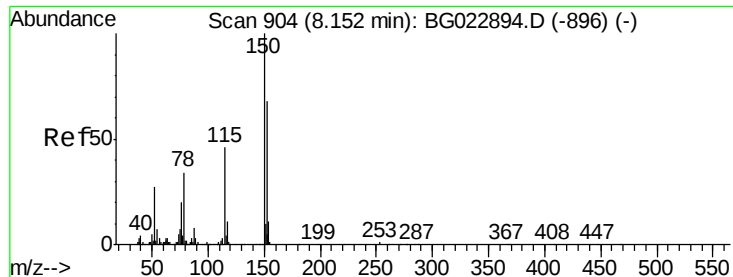
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)C

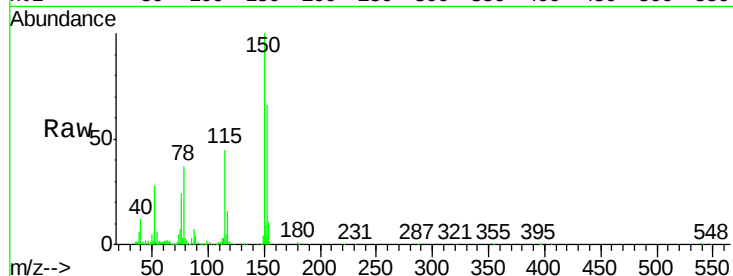
Tgt Ion:152 Resp: 104942

Ion Ratio Lower Upper

152 100

150 152.3 144.7 217.1

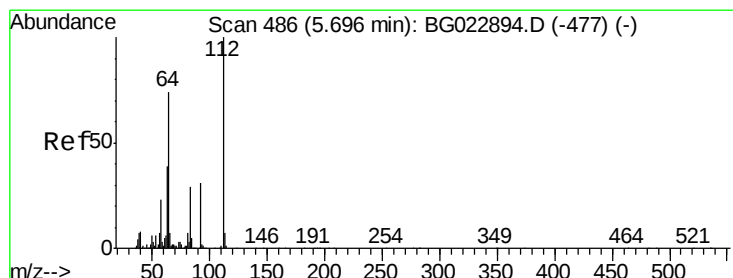
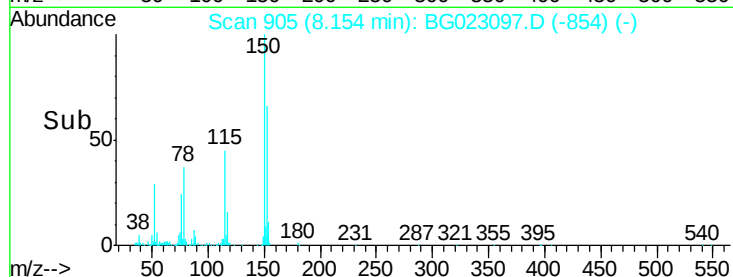
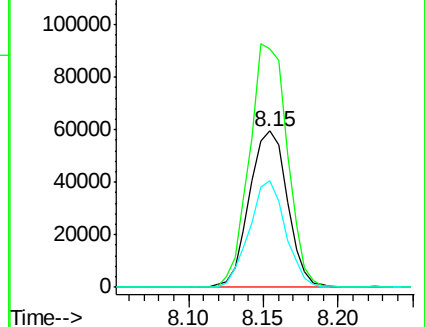
115 68.6 64.0 96.0



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



#5

2-Fluorophenol

Concen: 136.71 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

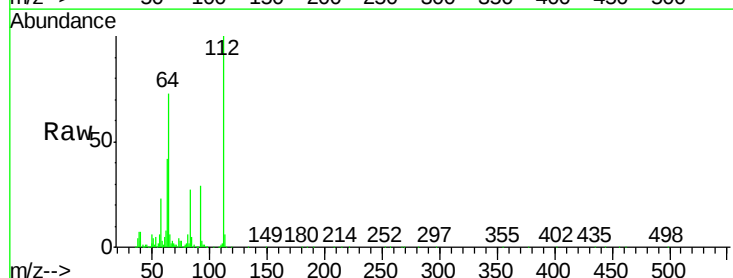
Tgt Ion:112 Resp: 877170

Ion Ratio Lower Upper

112 100

64 73.1 59.0 88.4

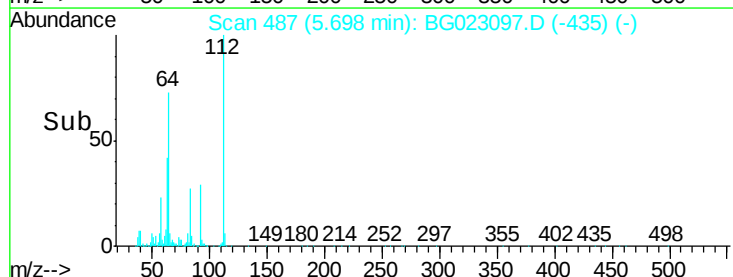
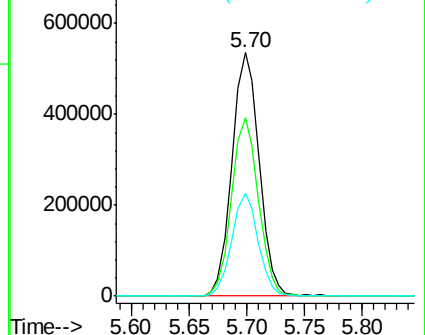
63 42.0 37.8 56.8

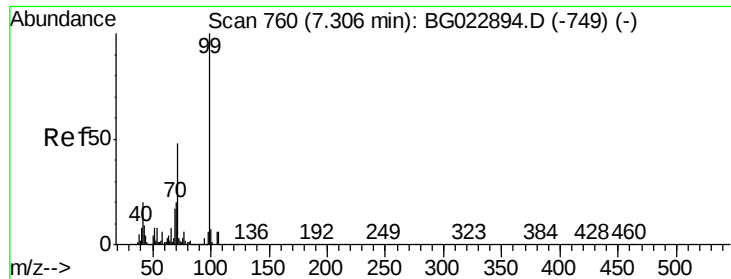


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.32 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)C

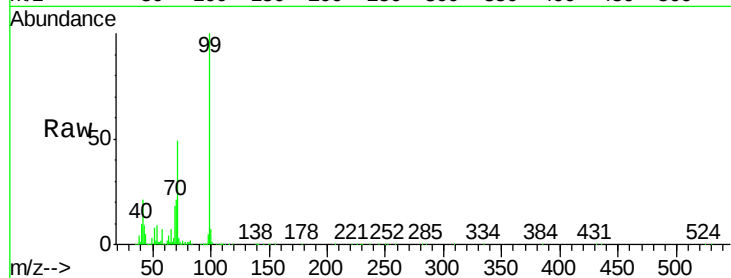
Tgt Ion: 99 Resp: 1390127

Ion Ratio Lower Upper

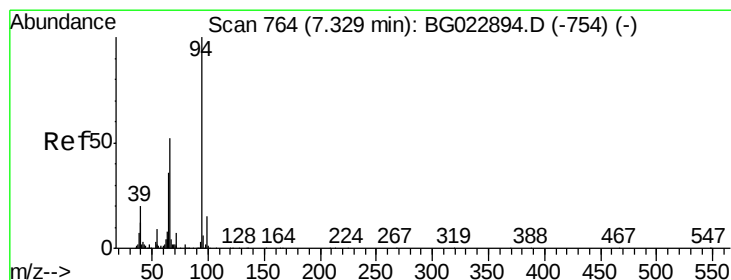
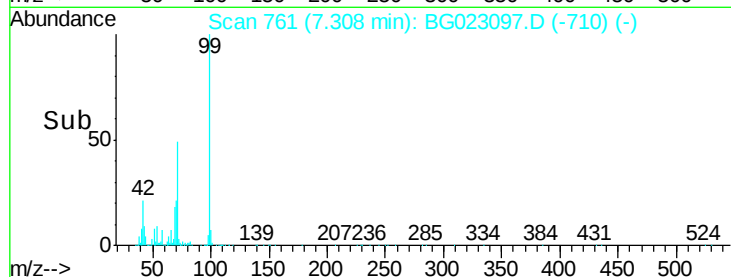
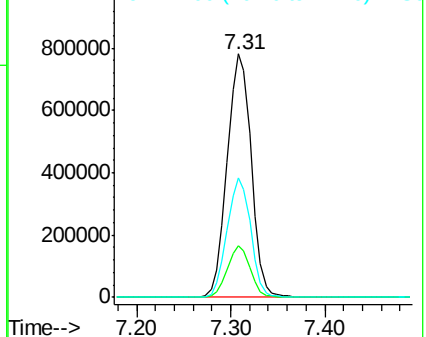
99 100

42 21.3 17.8 26.6

71 49.0 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



#10

Phenol

Concen: 2.07 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

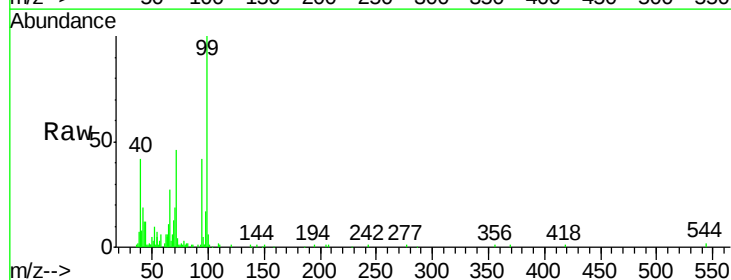
Tgt Ion: 94 Resp: 21372

Ion Ratio Lower Upper

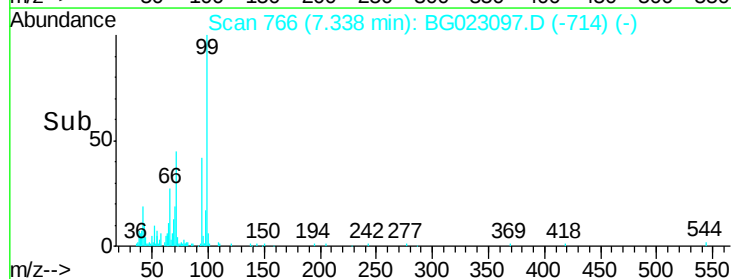
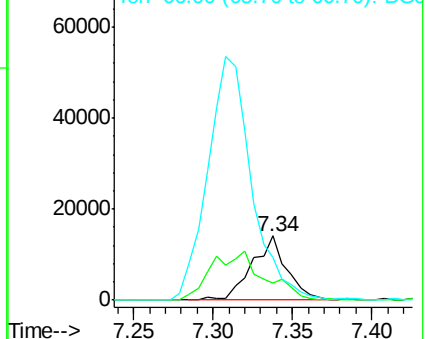
94 100

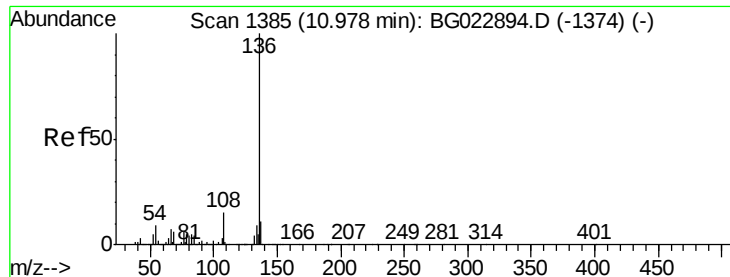
65 27.2 18.1 58.1

66 65.9 42.1 82.1



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

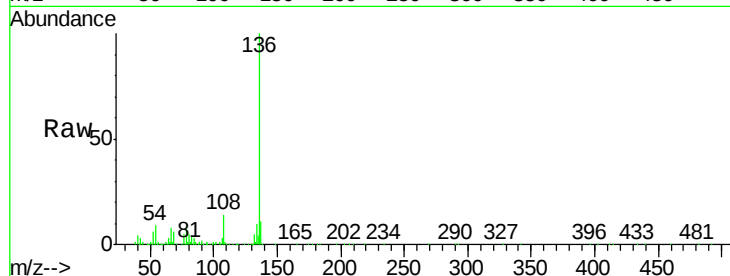




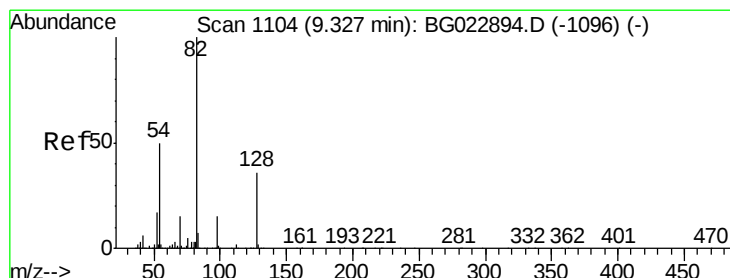
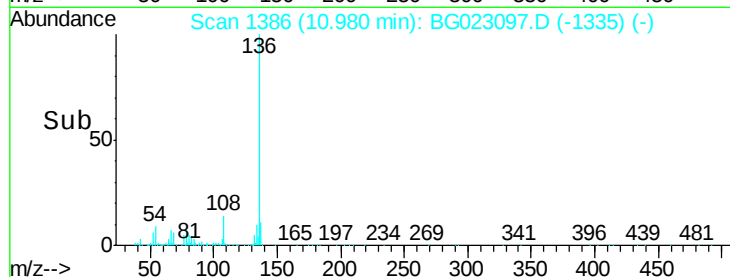
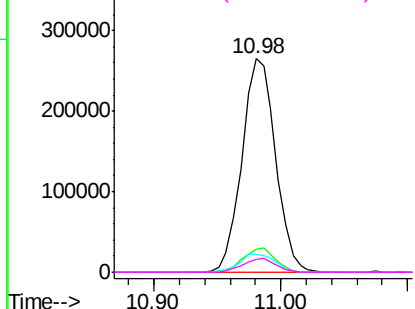
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023097.D
Acq: 14 Jul 2016 12:10

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)C

Tgt Ion:	136	Resp:	486997
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	8.7	7.3	10.9
68	6.2	5.3	7.9

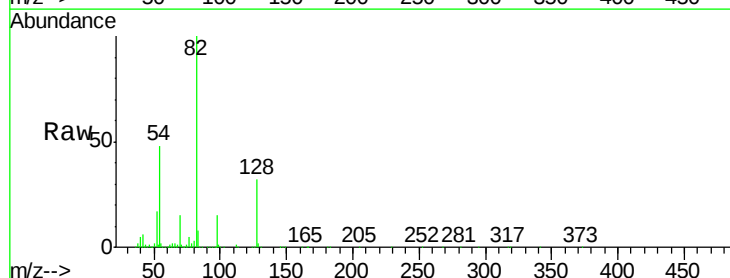


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

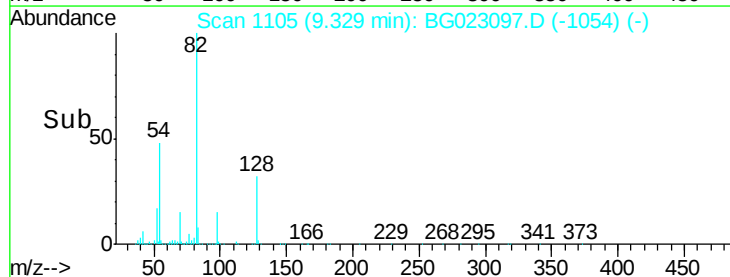
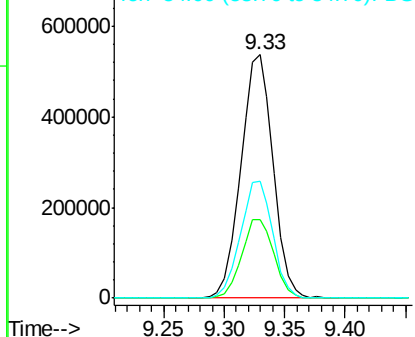


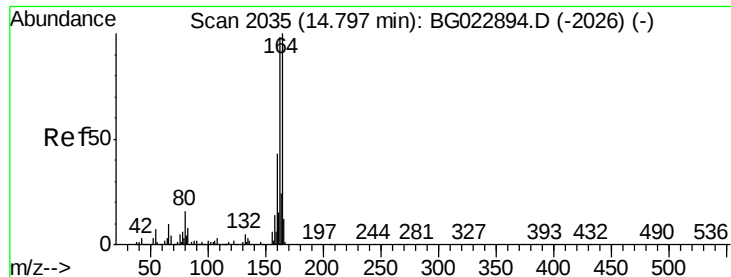
#23
Nitrobenzene-d5
Concen: 87.34 ng
RT: 9.33 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BG023097.D
Acq: 14 Jul 2016 12:10

Tgt Ion:	82	Resp:	993387
Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.4	36.6
54	47.8	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)C

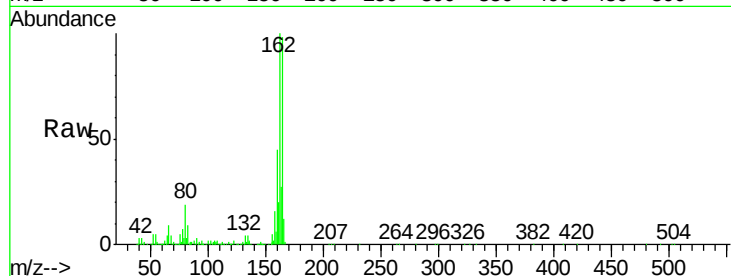
Tgt Ion:164 Resp: 393333

Ion Ratio Lower Upper

164 100

162 102.2 87.7 131.5

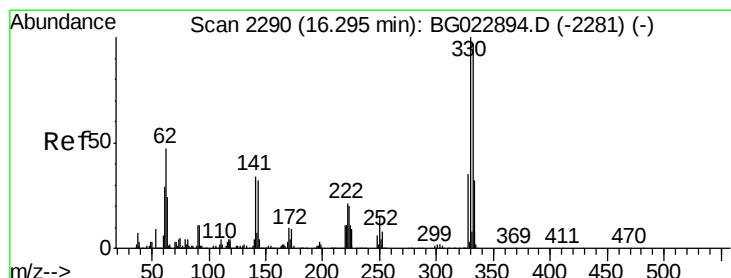
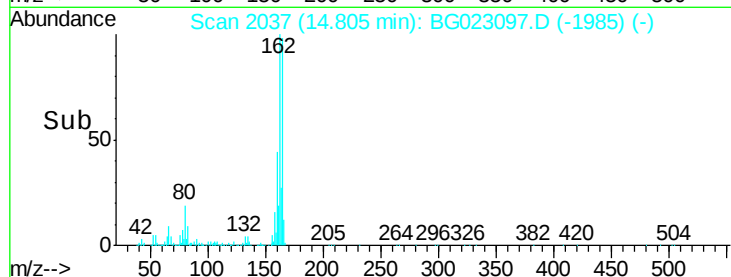
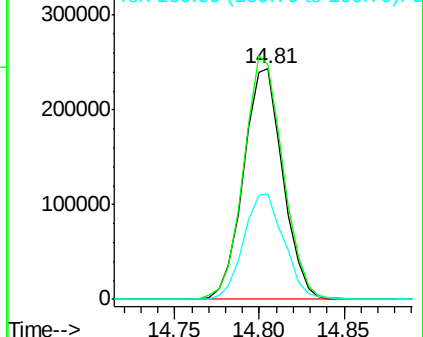
160 45.7 37.2 55.8



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: 104.91 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

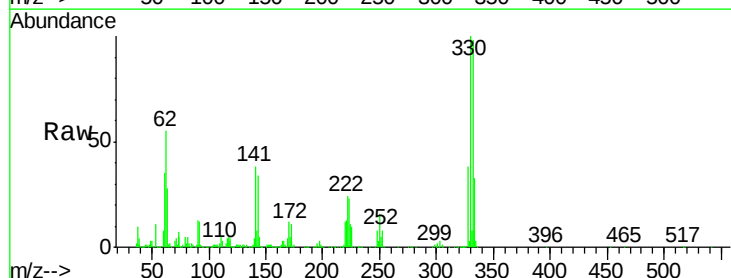
Tgt Ion:330 Resp: 741615

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

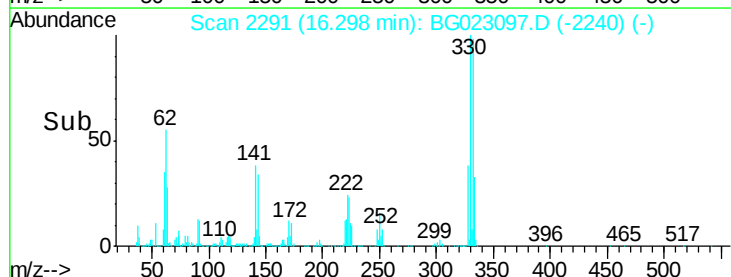
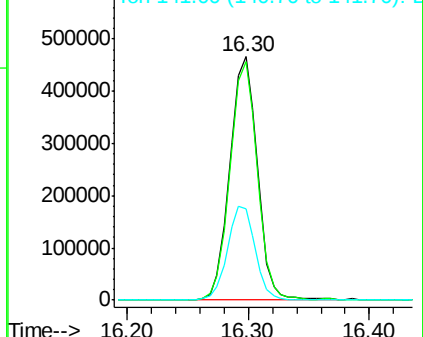
141 38.7 31.7 47.5

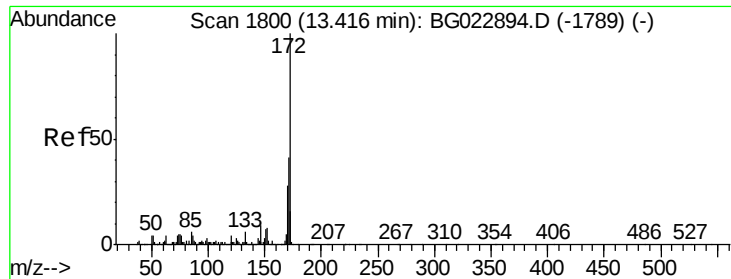


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

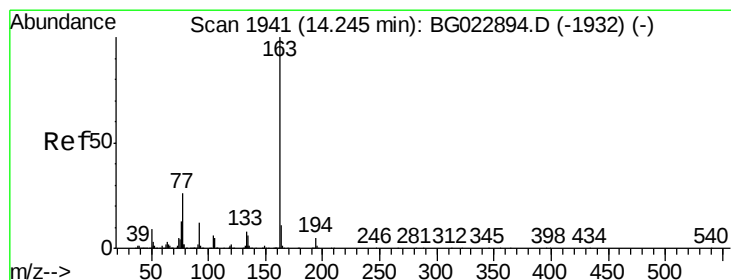
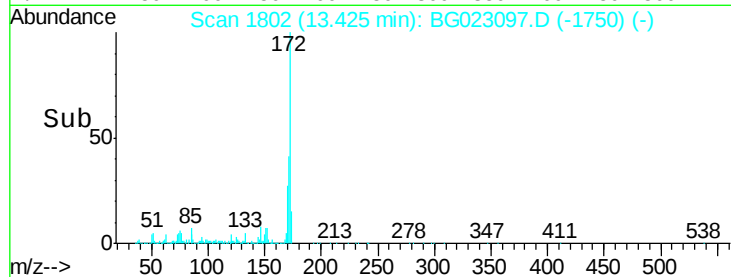
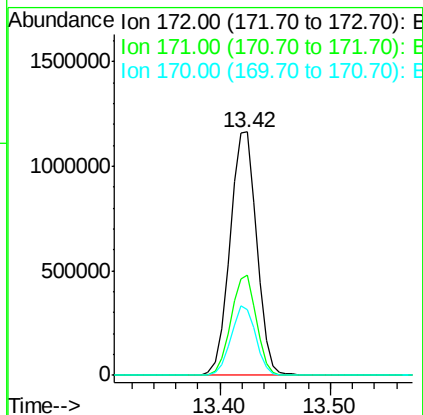
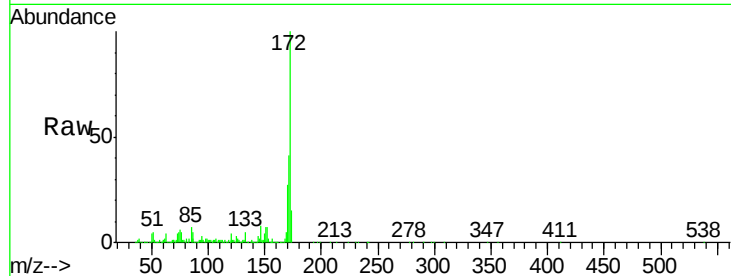




#44
2-Fluorobiphenyl
Concen: 79.17 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BG023097.D
Acq: 14 Jul 2016 12:10

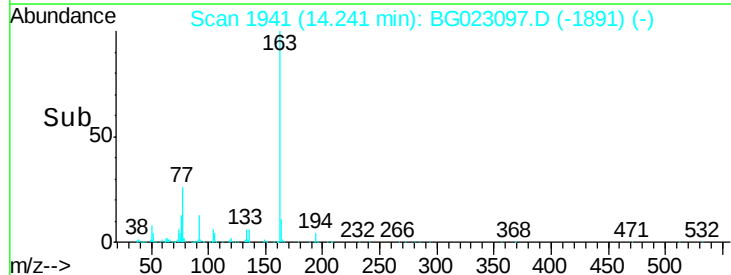
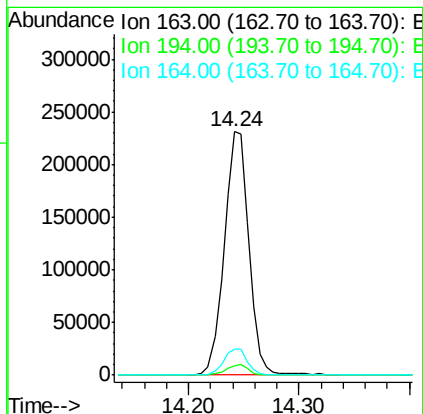
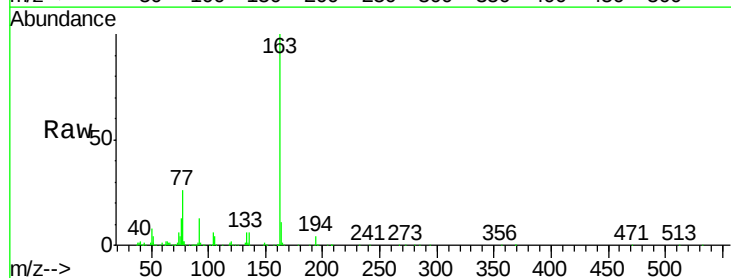
Instrument :
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B7-B2(5-12)C

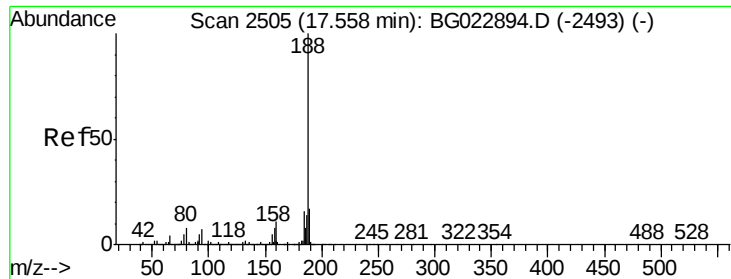
Tgt Ion:172 Resp: 1976907
Ion Ratio Lower Upper
172 100
171 41.0 31.6 47.4
170 26.8 21.3 31.9



#49
Dimethylphthalate
Concen: 11.19 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG023097.D
Acq: 14 Jul 2016 12:10

Tgt Ion:163 Resp: 359412
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 10.6 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: BG023097.D

Acq: 14 Jul 2016 12:10

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)C

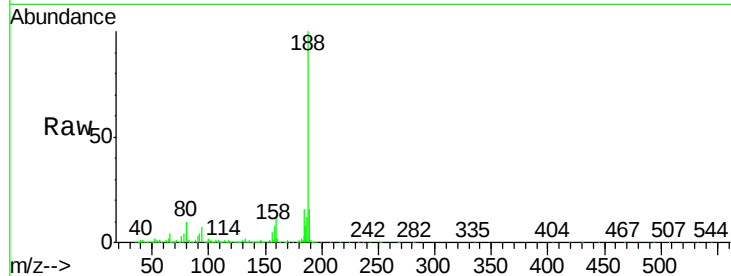
Tgt Ion:188 Resp: 927079

Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

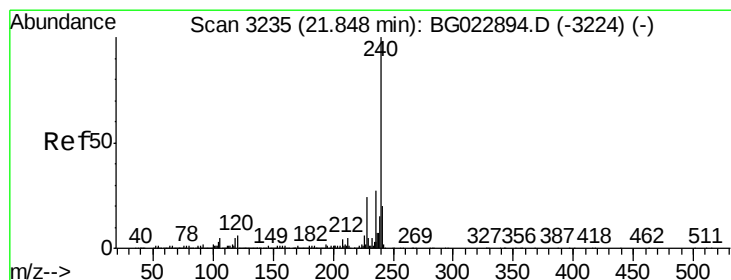
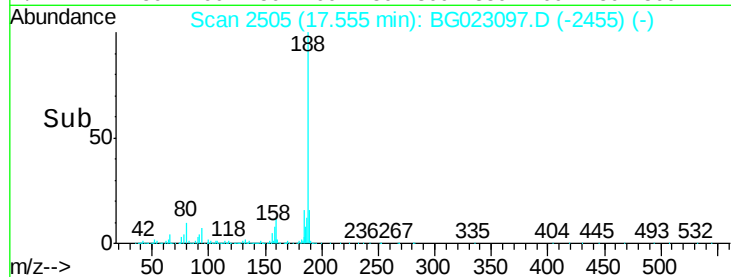
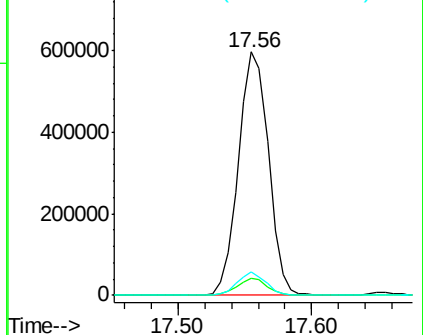
80 9.7 7.2 10.8



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: 21.86 min Scan# 3238

Delta R.T. 0.01 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

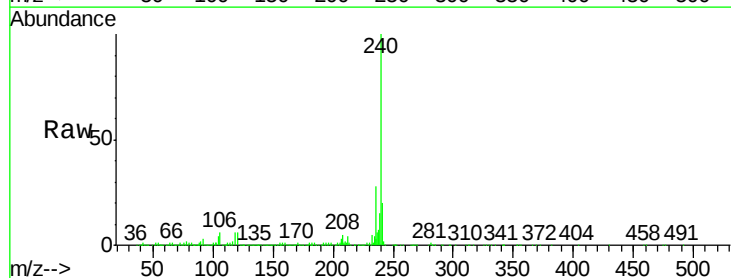
Tgt Ion:240 Resp: 994423

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

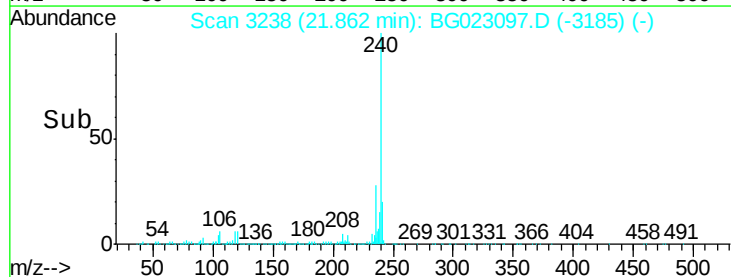
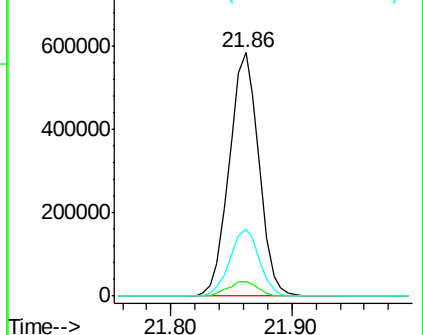
236 27.7 21.1 31.7

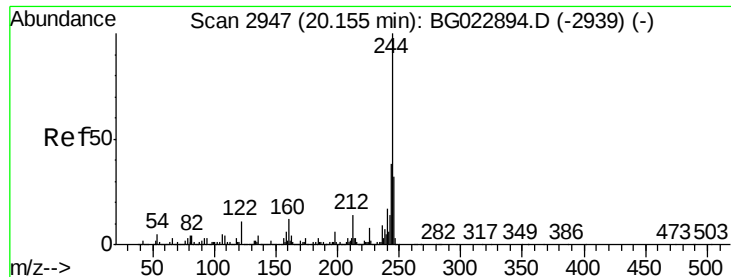


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.10 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

Instrument :

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B7-B2(5-12)C

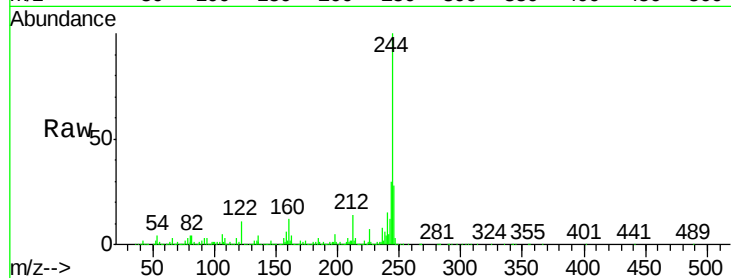
Tgt Ion:244 Resp: 2724163

Ion Ratio Lower Upper

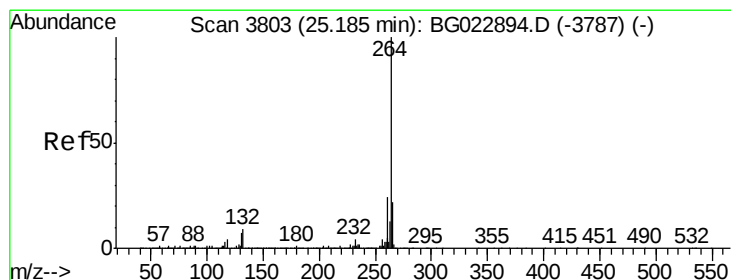
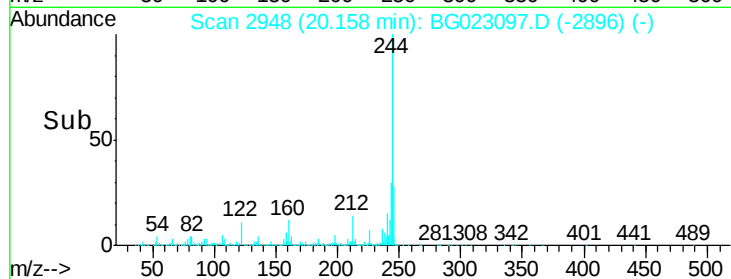
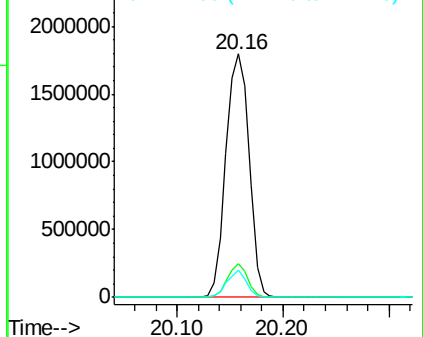
244 100

212 13.6 10.8 16.2

122 11.3 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: 25.24 min Scan# 3813

Delta R.T. 0.06 min

Lab File: BG023097.D

Acq: 14 Jul 2016 12:10

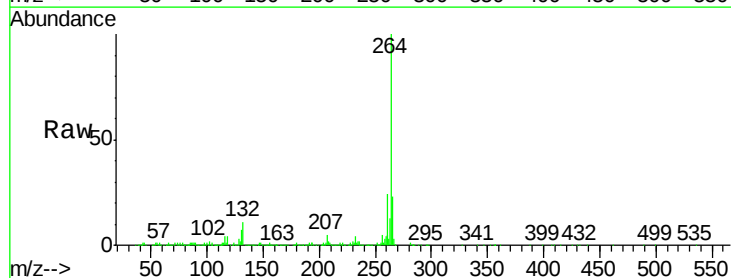
Tgt Ion:264 Resp: 1001965

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.9 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

