

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023120.D
 Acq On : 15 Jul 2016 19:30
 Operator : UM/SJ
 Sample : H4018-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D8-B3(6-12)C

Quant Time: Jul 15 23:10:00 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

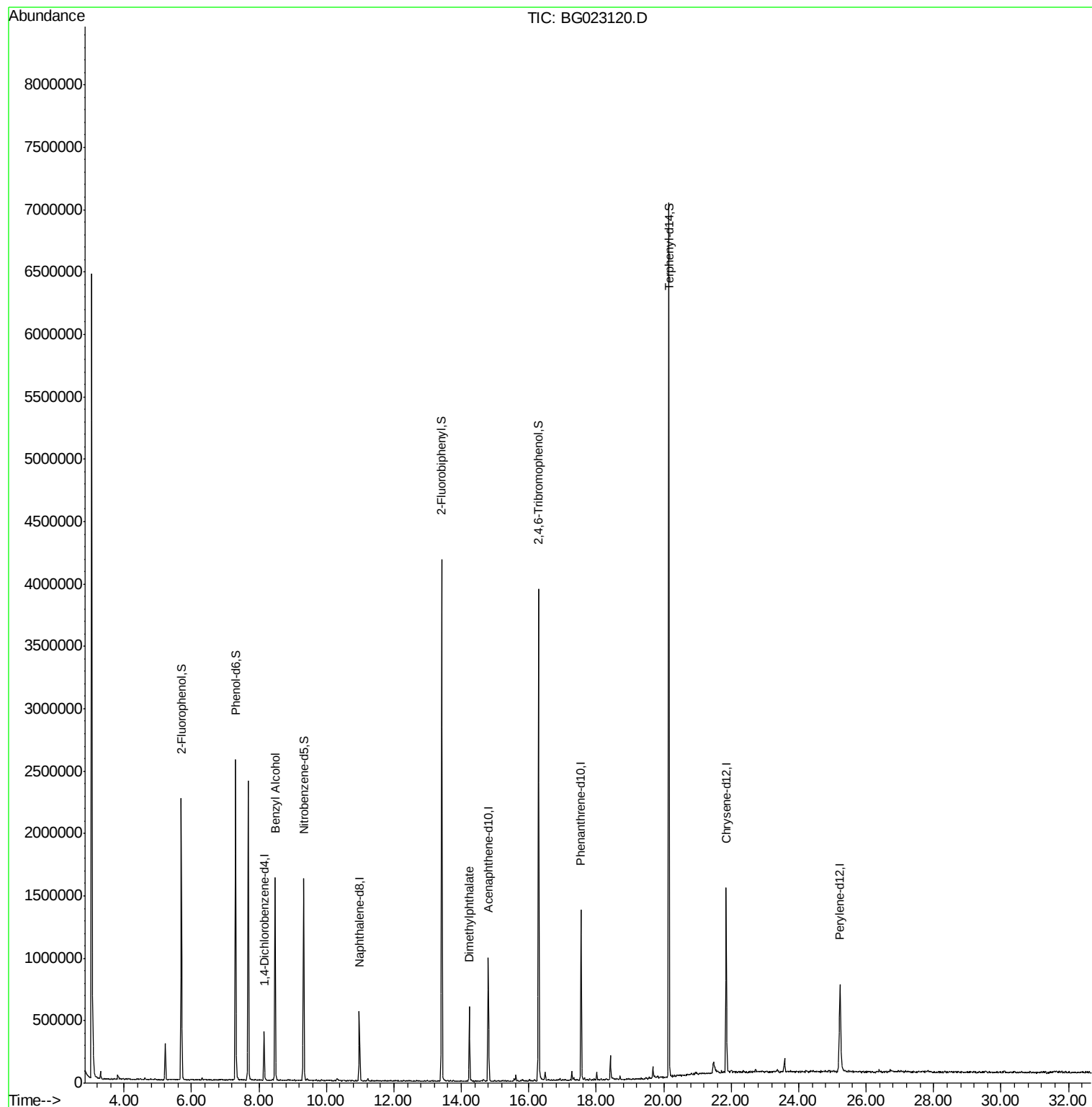
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	97028	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	457126	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	356101	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	827222	20.00	ng	0.00
75) Chrysene-d12	21.85	240	917547	20.00	ng	0.00
86) Perylene-d12	25.23	264	881343	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	908432	153.13	ng	0.00
7) Phenol-d6	7.31	99	1406205	151.34	ng	0.00
23) Nitrobenzene-d5	9.33	82	1035225	96.97	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	732302	114.42	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2009517	88.89	ng	0.00
78) Terphenyl-d14	20.15	244	2666679	97.46	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.48	79	17520	2.06	ng	Qvalue # 55
49) Dimethylphthalate	14.24	163	376974	12.96	ng	98

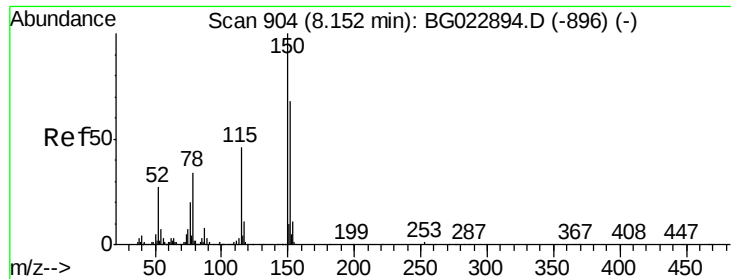
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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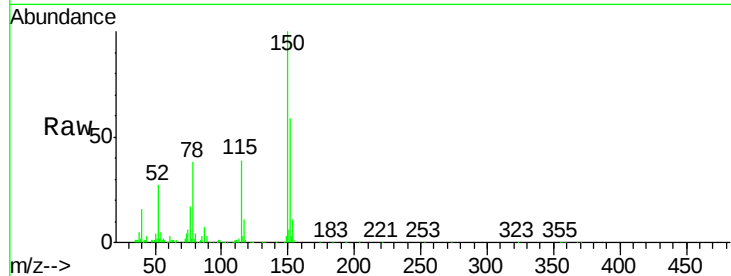


#1

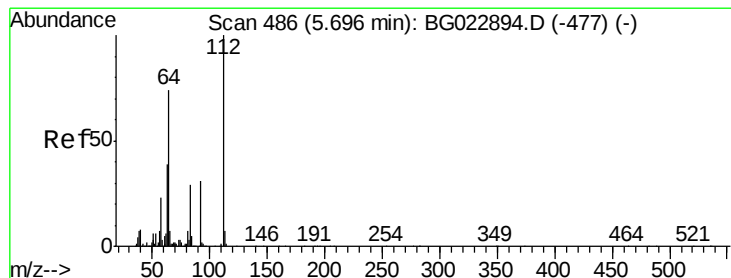
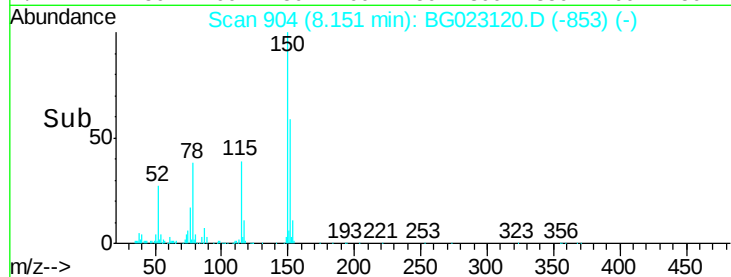
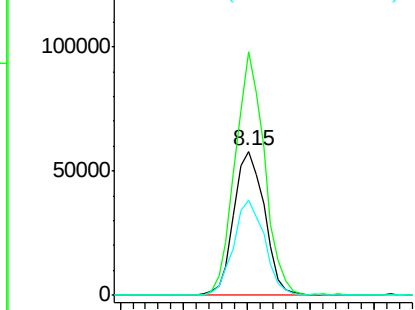
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023120.D
Acq: 15 Jul 2016 19:30

Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	168.9	144.7	217.1
115	66.0	64.0	96.0



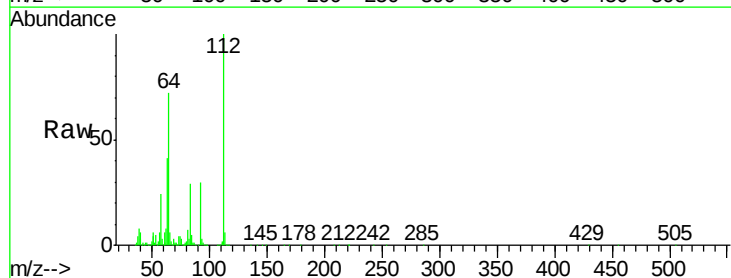
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



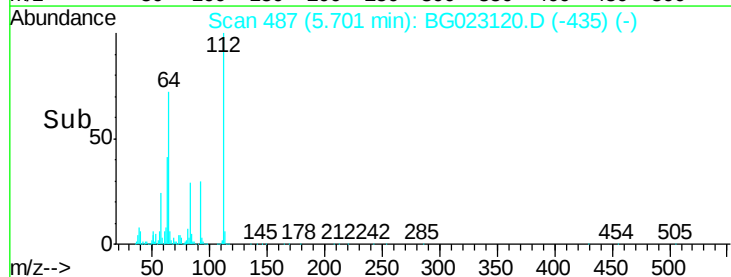
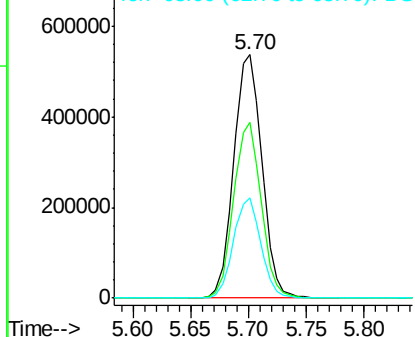
#5

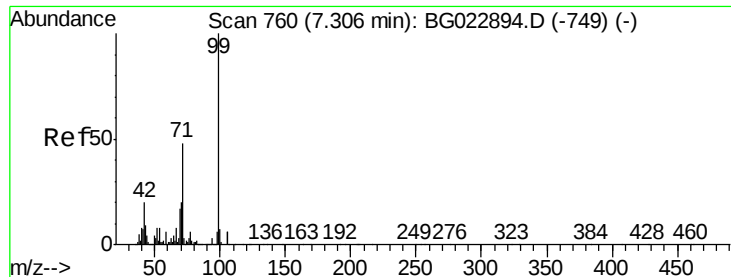
2-Fluorophenol
Concen: 153.13 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.01 min
Lab File: BG023120.D
Acq: 15 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	59.0	88.4
63	41.0	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: 151.34 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)C

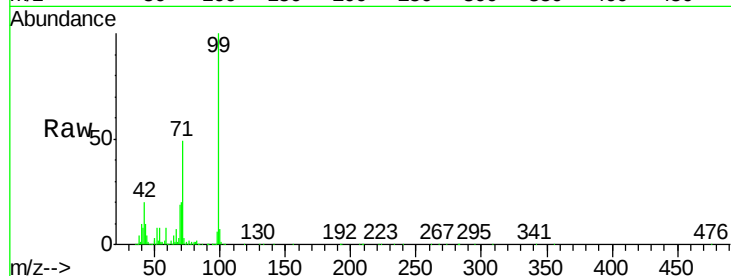
Tgt Ion: 99 Resp: 1406205

Ion Ratio Lower Upper

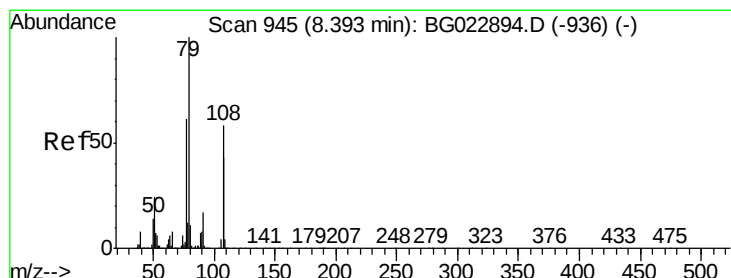
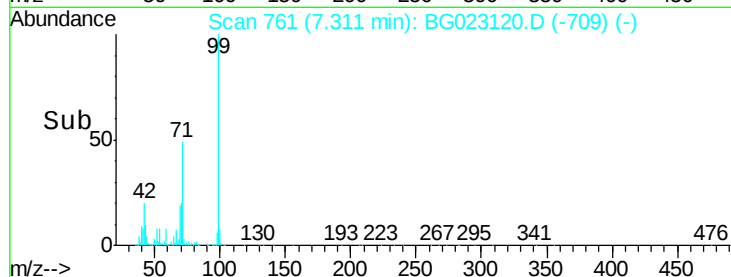
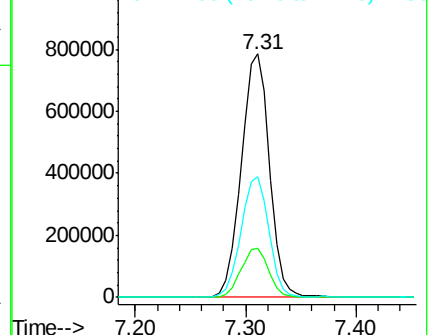
99 100

42 20.4 17.8 26.6

71 49.4 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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 8.48 min Scan# 960

Delta R.T. 0.09 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

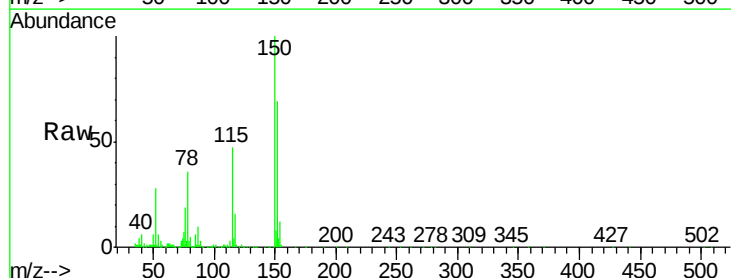
Tgt Ion: 79 Resp: 17520

Ion Ratio Lower Upper

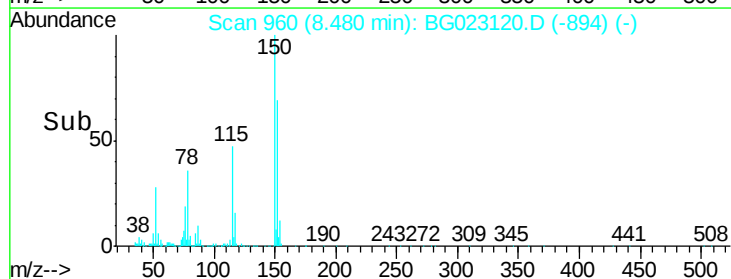
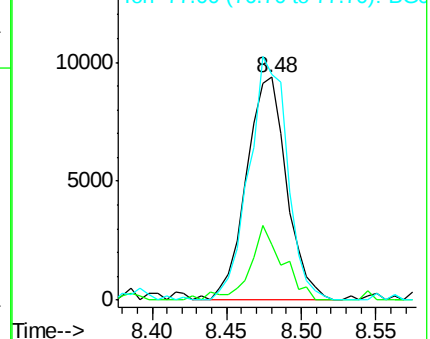
79 100

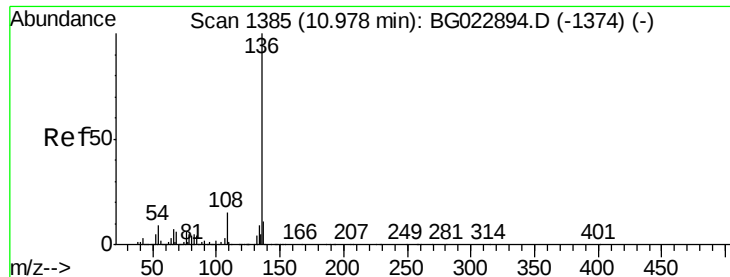
108 24.8 46.5 69.7#

77 101.3 52.3 78.5#



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

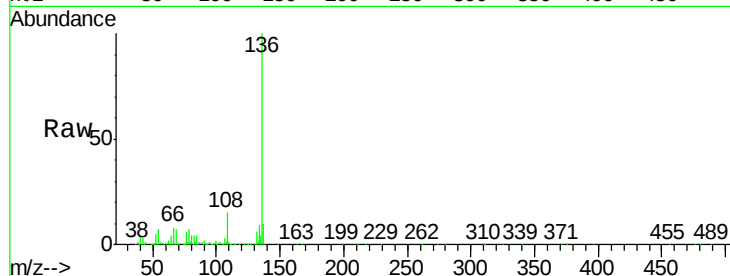




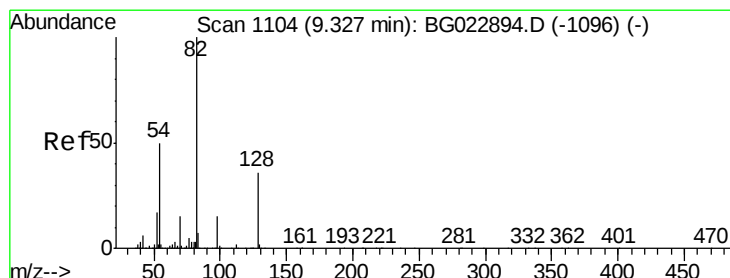
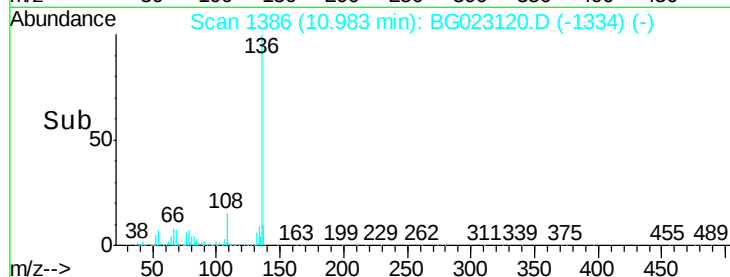
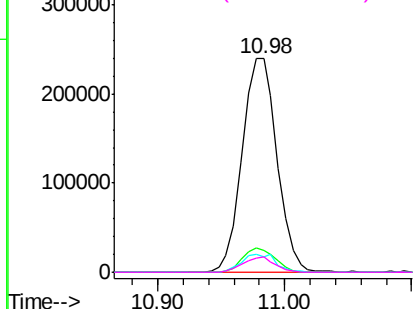
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023120.D
Acq: 15 Jul 2016 19:30

Instrument :
BNA_G
ClientSampleId :
D8-B3(6-12)C

Tgt Ion:	136	Resp:	457126
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.6	14.4
54	7.1	7.3	10.9#
68	7.3	5.3	7.9

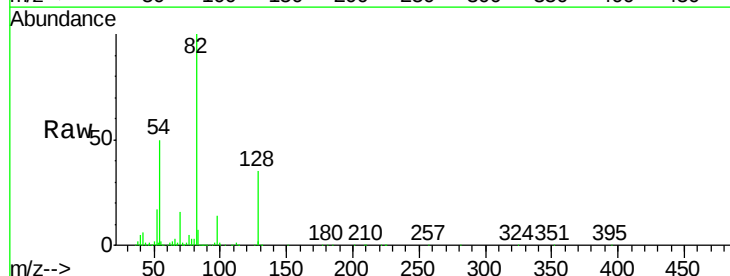


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

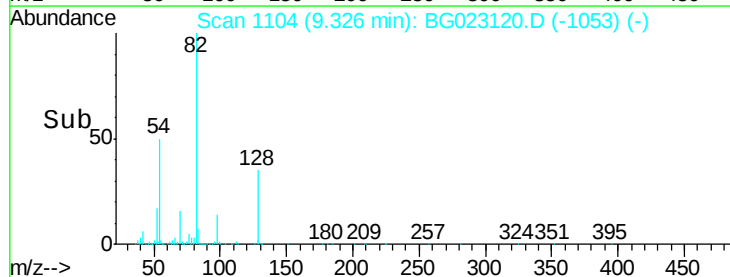
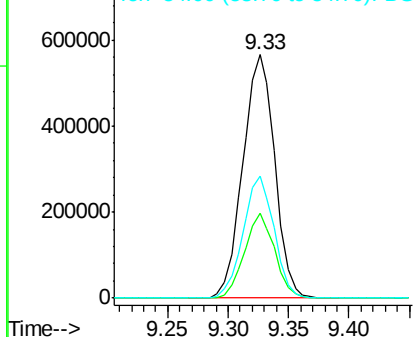


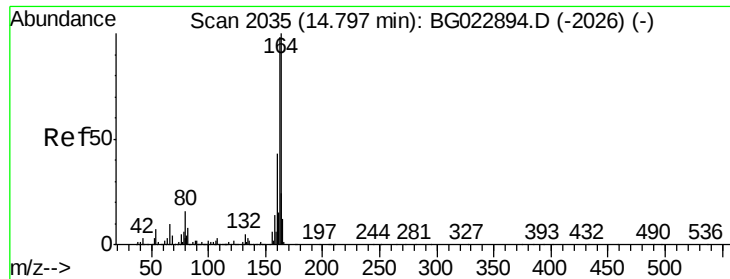
#23
Nitrobenzene-d5
Concen: 96.97 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023120.D
Acq: 15 Jul 2016 19:30

Tgt Ion:	82	Resp:	1035225
Ion	Ratio	Lower	Upper
82	100		
128	34.9	24.4	36.6
54	50.1	41.4	62.0



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: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)C

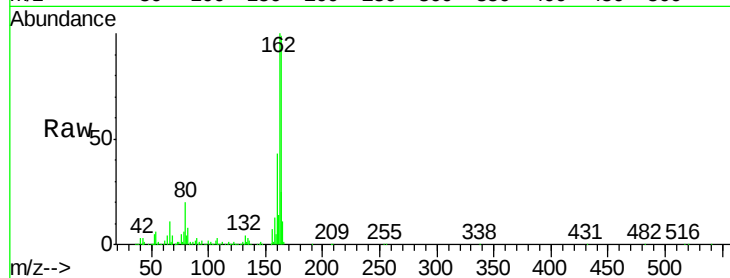
Tgt Ion:164 Resp: 356101

Ion Ratio Lower Upper

164 100

162 100.9 87.7 131.5

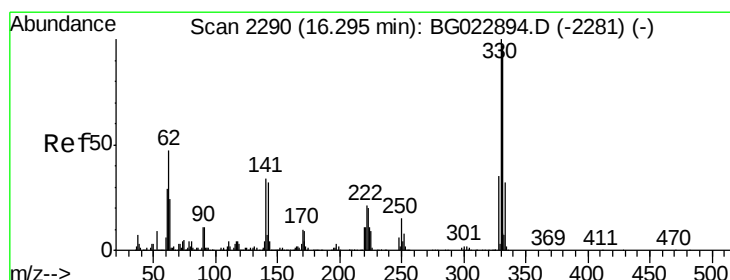
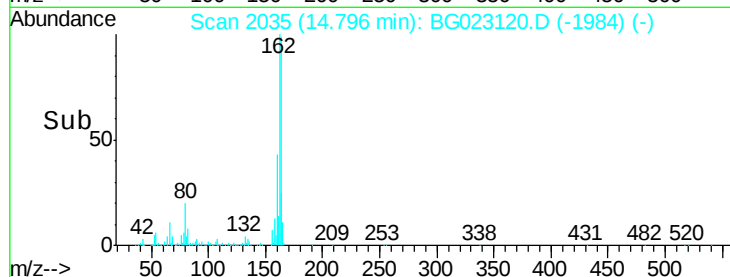
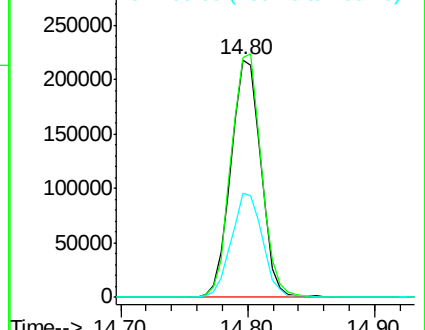
160 43.8 37.2 55.8



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: 114.42 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

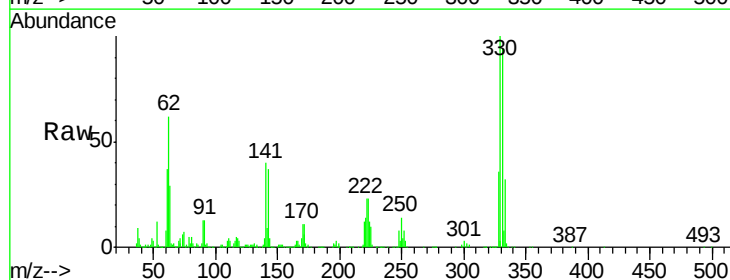
Tgt Ion:330 Resp: 732302

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

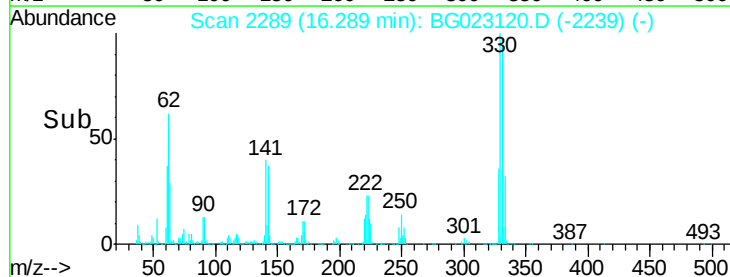
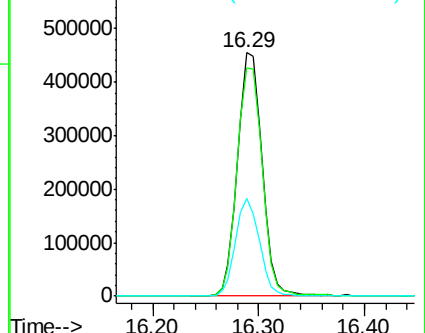
141 39.1 31.7 47.5

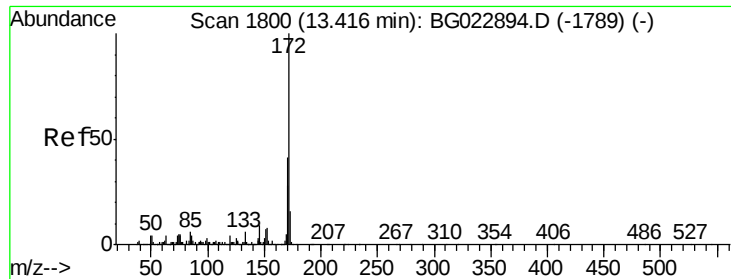


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

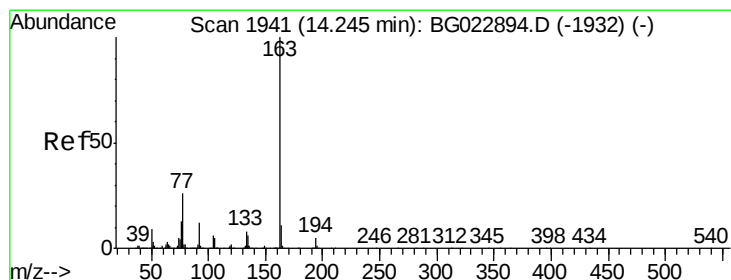
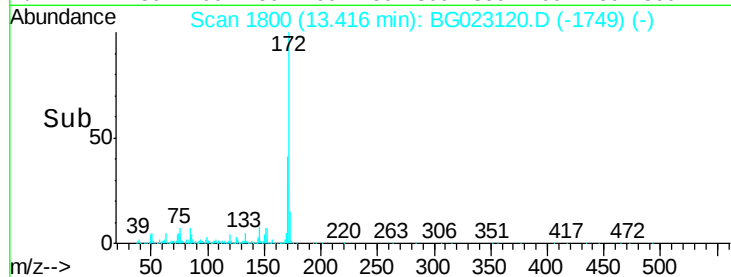
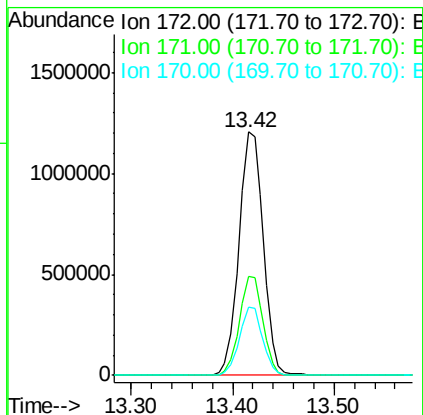
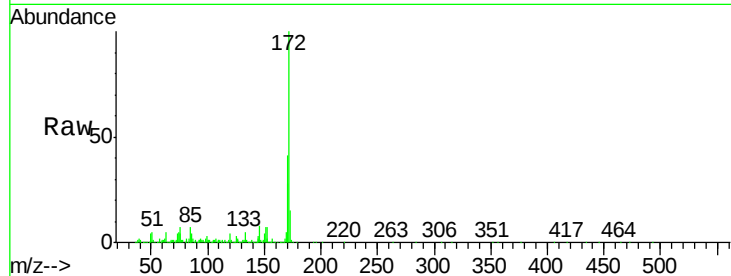




#44
2-Fluorobiphenyl
Concen: 88.89 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG023120.D
Acq: 15 Jul 2016 19:30

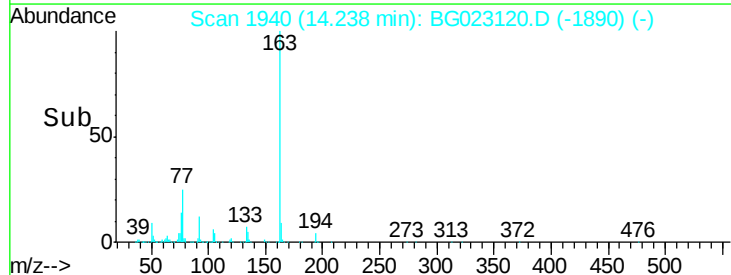
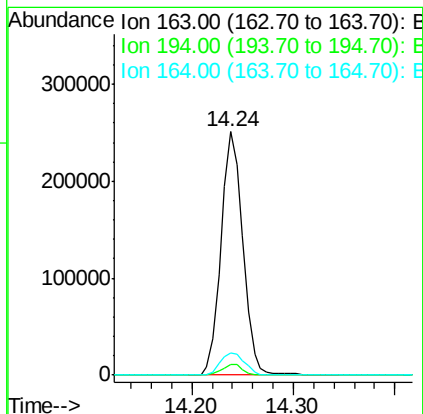
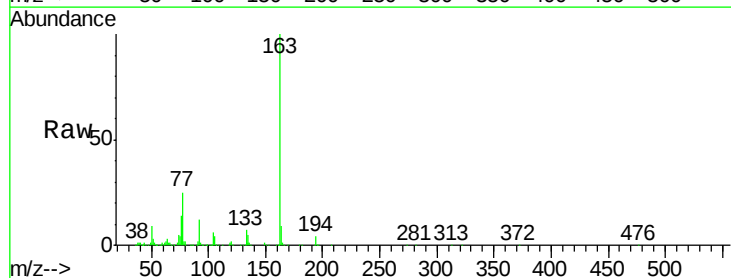
Instrument :
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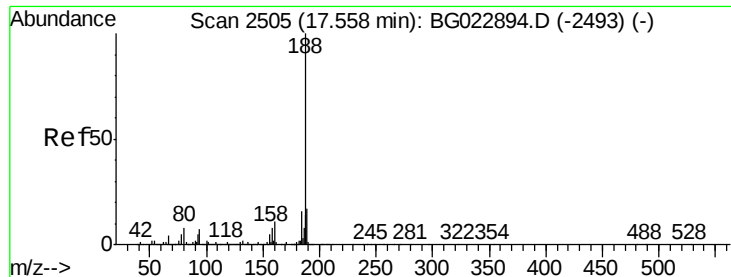
Tgt Ion:172 Resp: 2009517
Ion Ratio Lower Upper
172 100
171 40.7 31.6 47.4
170 28.0 21.3 31.9



#49
Dimethylphthalate
Concen: 12.96 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023120.D
Acq: 15 Jul 2016 19:30

Tgt Ion:163 Resp: 376974
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 8.9 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)C

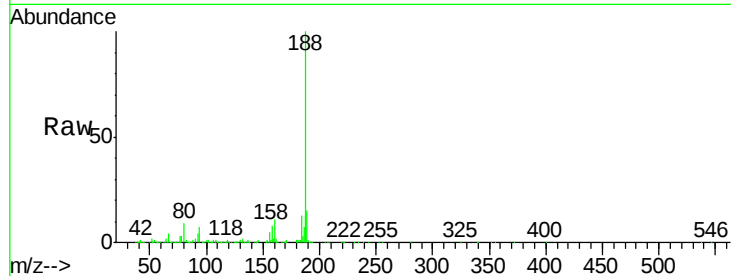
Tgt Ion:188 Resp: 827222

Ion Ratio Lower Upper

188 100

94 6.6 5.2 7.8

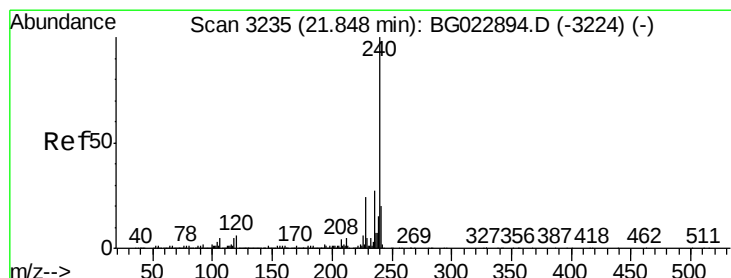
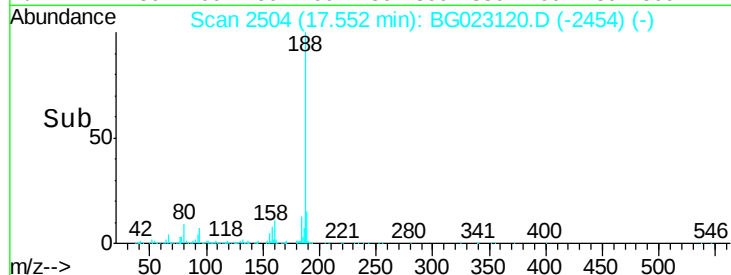
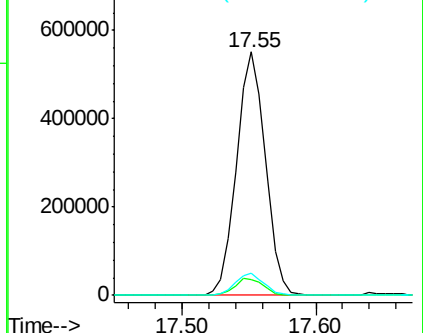
80 9.2 7.2 10.8



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: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

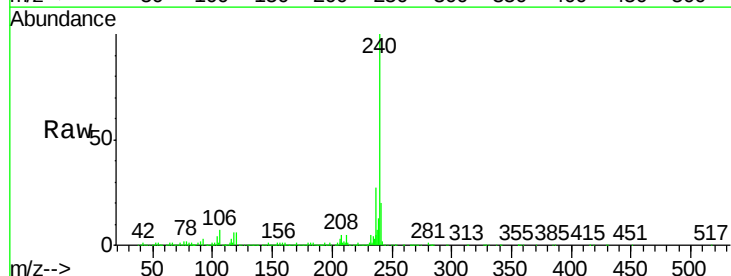
Tgt Ion:240 Resp: 917547

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

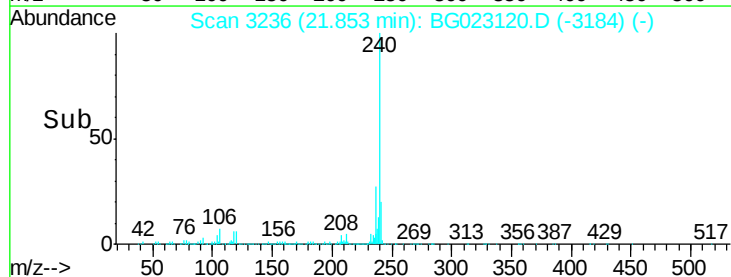
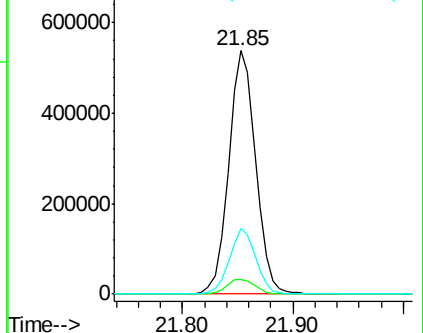
236 26.9 21.1 31.7

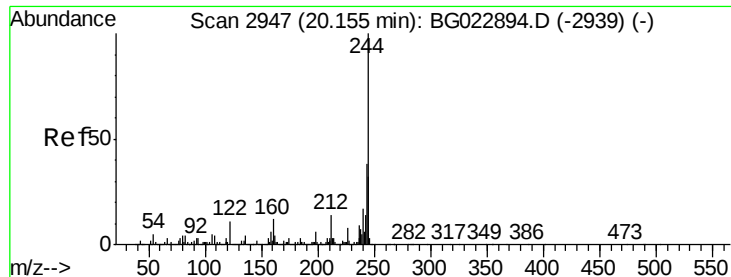


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.46 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

Instrument :

BNA_G

ClientSampleId :

D8-B3(6-12)C

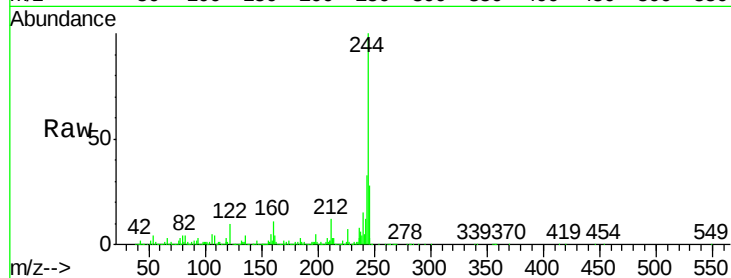
Tgt Ion:244 Resp: 2666679

Ion Ratio Lower Upper

244 100

212 11.9 10.8 16.2

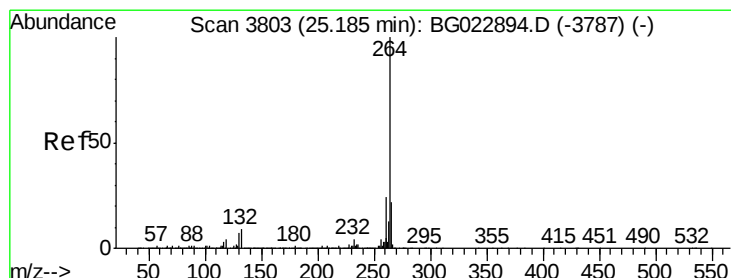
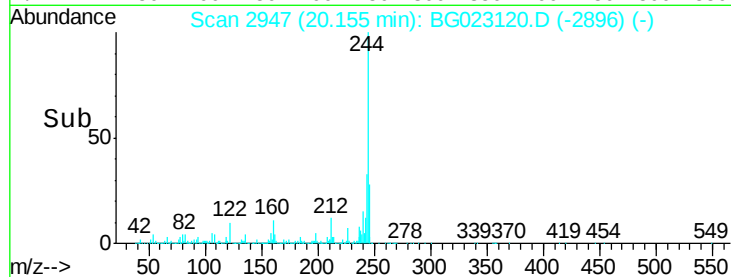
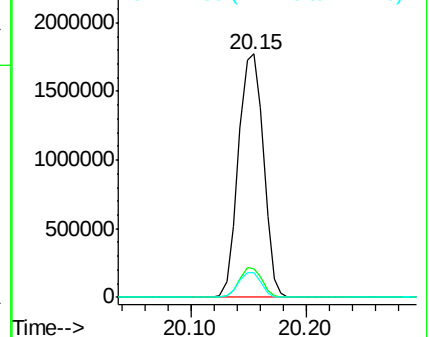
122 10.3 8.0 12.0



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: 25.23 min Scan# 3810

Delta R.T. 0.04 min

Lab File: BG023120.D

Acq: 15 Jul 2016 19:30

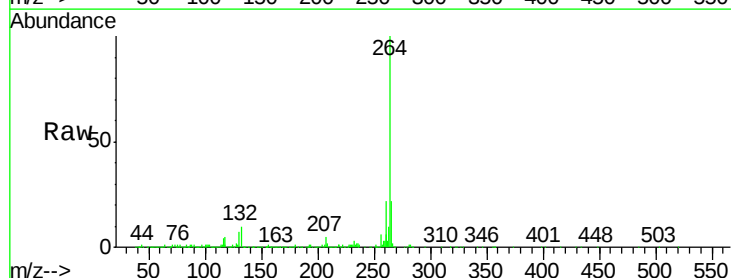
Tgt Ion:264 Resp: 881343

Ion Ratio Lower Upper

264 100

260 21.8 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

