

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023362.D
 Acq On : 30 Jul 2016 18:09
 Operator : UM/SJ
 Sample : H4223-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-37-4-5

Quant Time: Aug 01 02:08:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

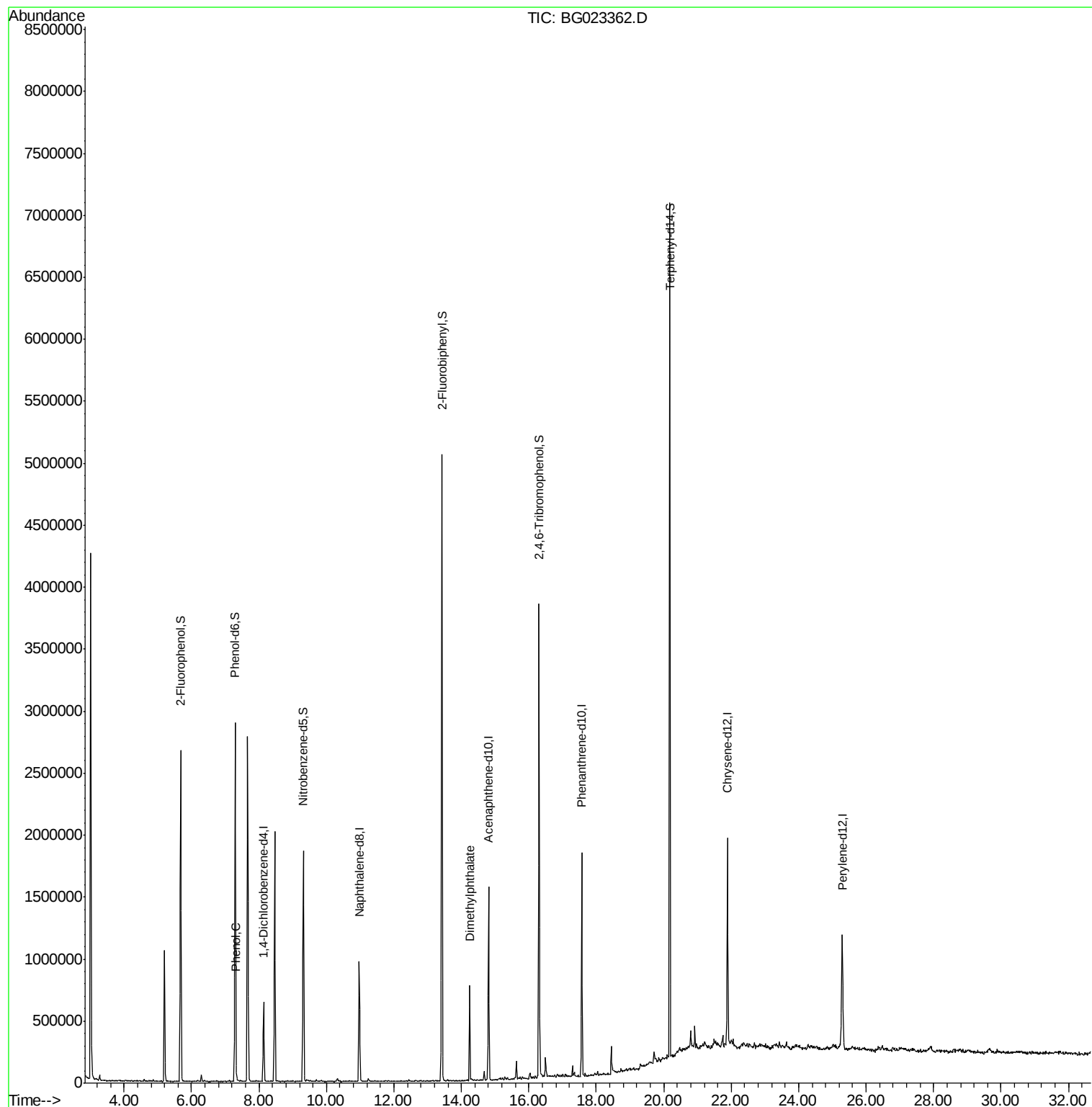
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	169081	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	819852	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	558189	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1033031	20.00	ng	0.00
75) Chrysene-d12	21.89	240	961519	20.00	ng	0.00
86) Perylene-d12	25.29	264	999012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1114281	112.51	ng	0.00
7) Phenol-d6	7.29	99	1774720	116.71	ng	0.00
23) Nitrobenzene-d5	9.31	82	1229976	73.36	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	727219	125.87	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2507408	84.07	ng	0.00
78) Terphenyl-d14	20.18	244	2518324	85.14	ng	0.00
Target Compounds						
10) Phenol	7.32	94	42349	2.64	ng	Qvalue # 78
49) Dimethylphthalate	14.24	163	476298	11.56	ng	99

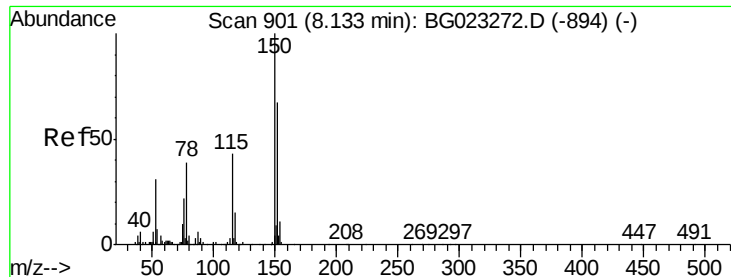
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023362.D

Acq: 30 Jul 2016 18:09

Instrument :

BNA_G

ClientSampleId :

SB-37-4-5

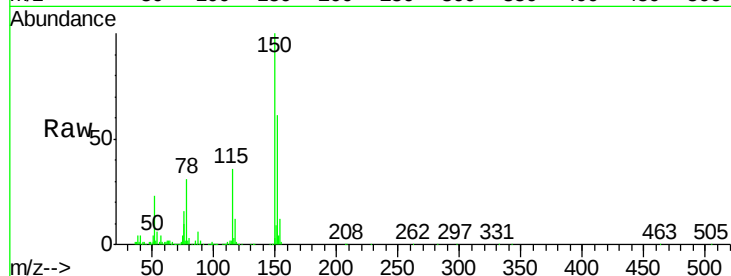
Tgt Ion:152 Resp: 169081

Ion Ratio Lower Upper

152 100

150 164.6 144.7 217.1

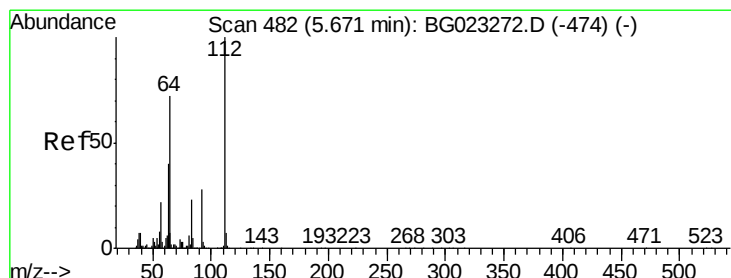
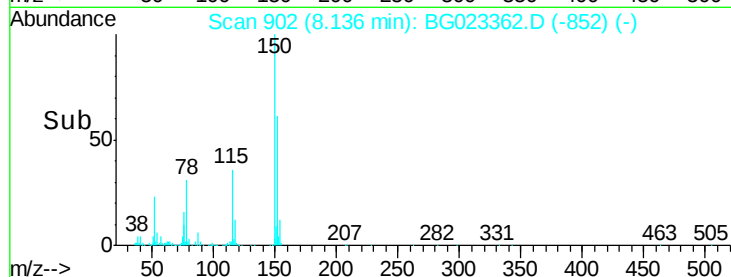
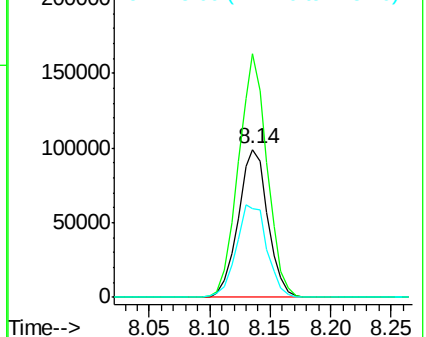
115 59.7 64.0 96.0#



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: 112.51 ng

RT: 5.67 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023362.D

Acq: 30 Jul 2016 18:09

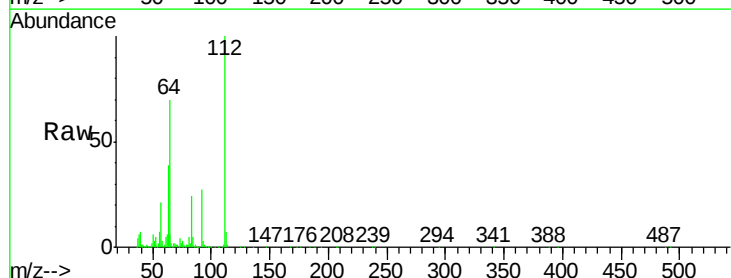
Tgt Ion:112 Resp: 1114281

Ion Ratio Lower Upper

112 100

64 70.2 59.0 88.4

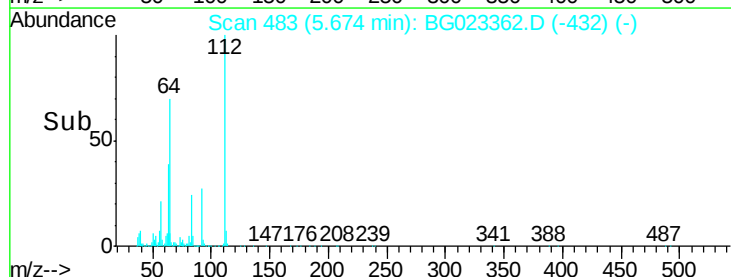
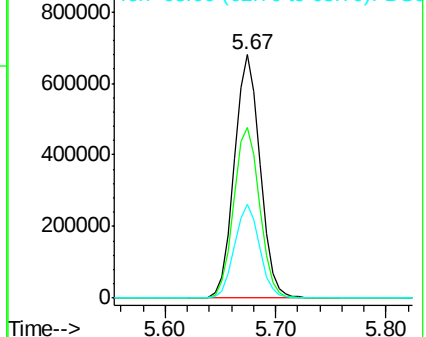
63 38.8 37.8 56.8

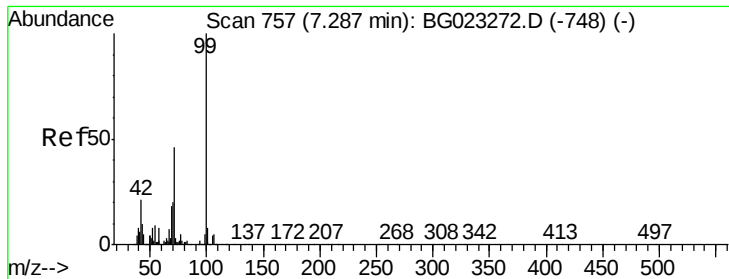


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 116.71 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023362.D

Acq: 30 Jul 2016 18:09

Instrument :

BNA_G

ClientSampleId :

SB-37-4-5

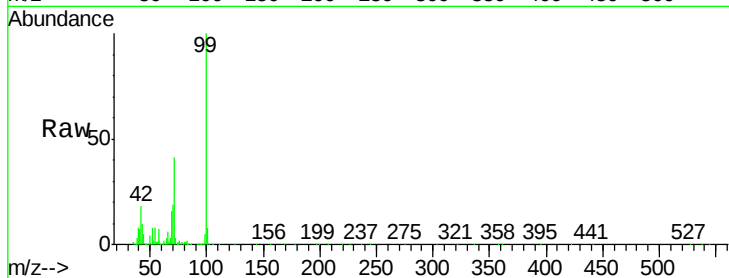
Tgt Ion: 99 Resp: 1774720

Ion Ratio Lower Upper

99 100

42 18.3 17.8 26.6

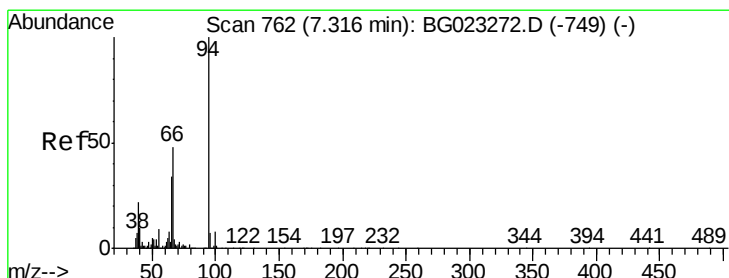
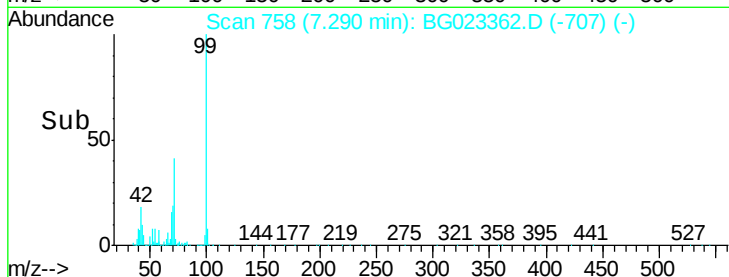
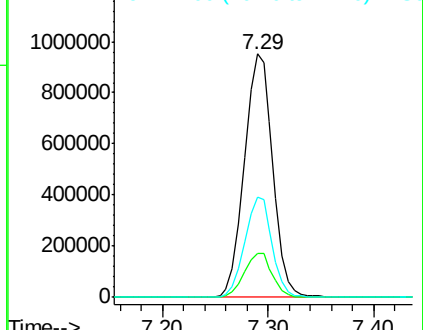
71 40.9 41.5 62.3#



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: 2.64 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG023362.D

Acq: 30 Jul 2016 18:09

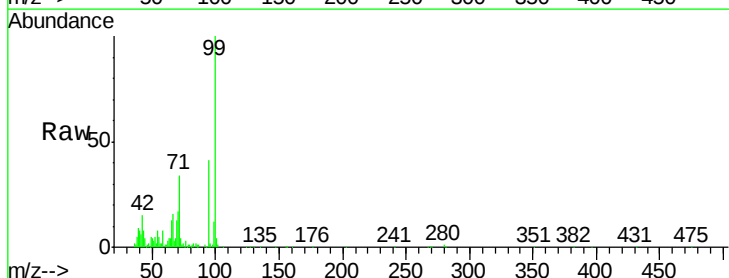
Tgt Ion: 94 Resp: 42349

Ion Ratio Lower Upper

94 100

65 32.3 18.1 58.1

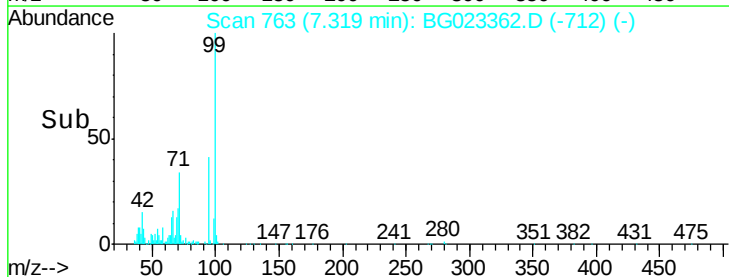
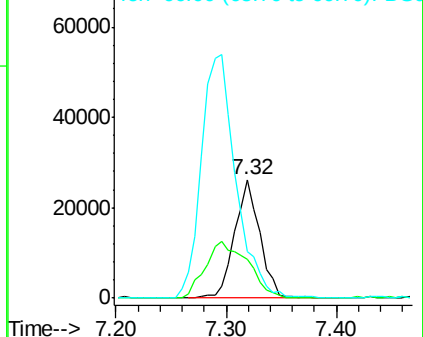
66 39.2 42.1 82.1#

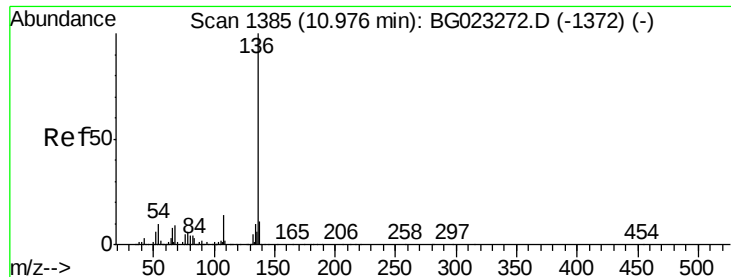


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

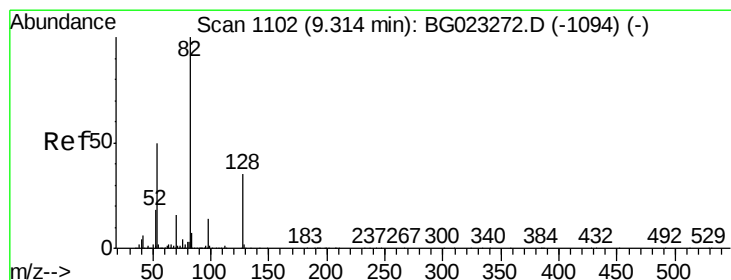
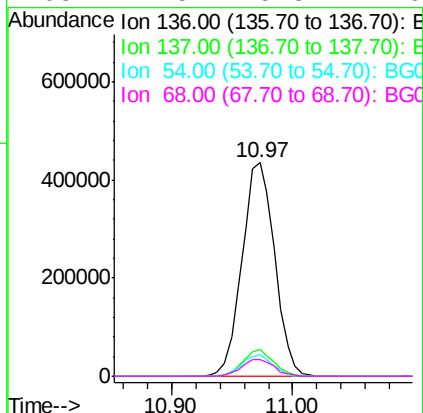
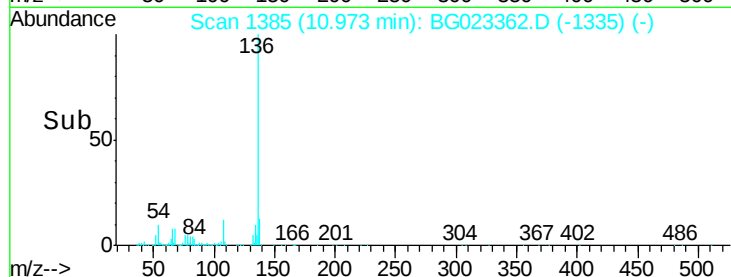
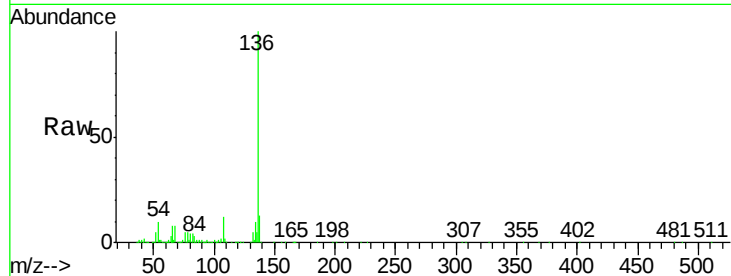




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

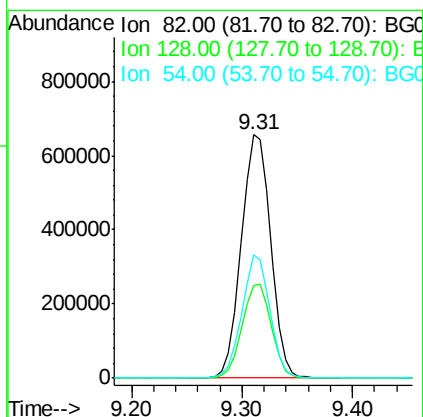
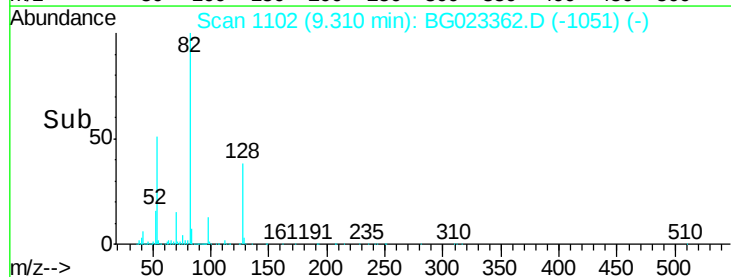
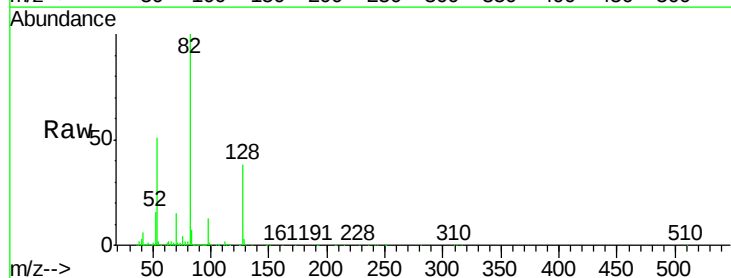
Instrument :
BNA_G
ClientSampleId :
SB-37-4-5

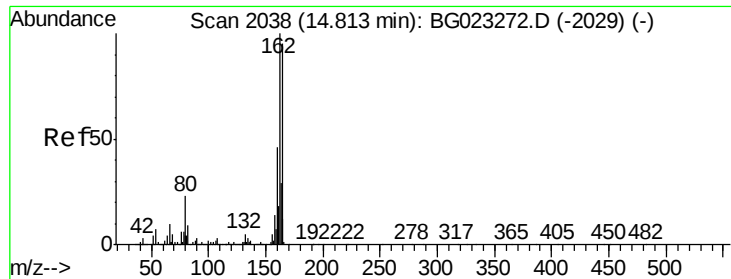
Tgt Ion:	136	Resp:	819852
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.6	14.4
54	10.4	7.3	10.9
68	7.5	5.3	7.9



#23
Nitrobenzene-d5
Concen: 73.36 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

Tgt Ion:	82	Resp:	1229976
Ion	Ratio	Lower	Upper
82	100		
128	38.2	24.4	36.6#
54	50.8	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG023362.D

Acq: 30 Jul 2016 18:09

Instrument :

BNA_G

ClientSampleId :

SB-37-4-5

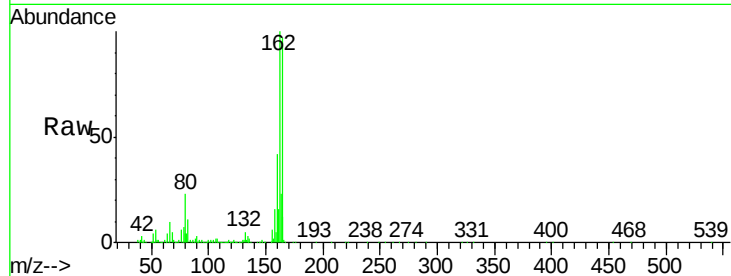
Tgt Ion:164 Resp: 558189

Ion Ratio Lower Upper

164 100

162 103.5 87.7 131.5

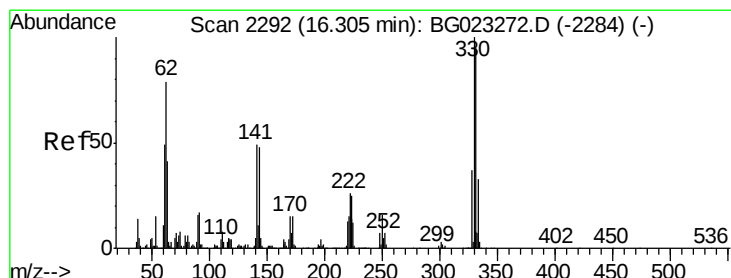
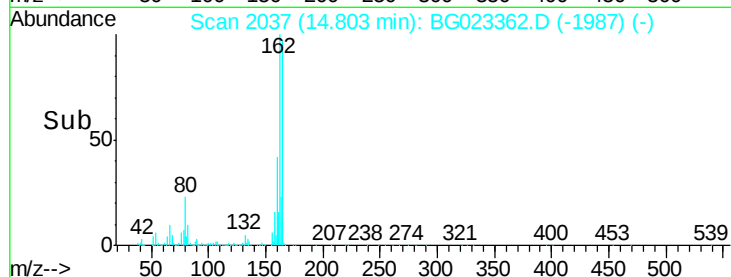
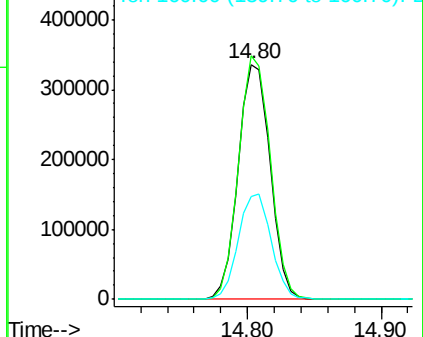
160 43.9 37.2 55.8



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: 125.87 ng

RT: 16.31 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BG023362.D

Acq: 30 Jul 2016 18:09

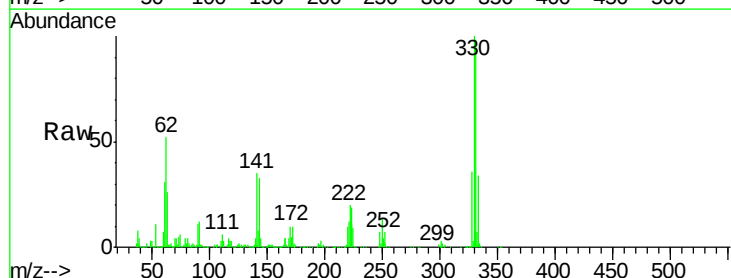
Tgt Ion:330 Resp: 727219

Ion Ratio Lower Upper

330 100

332 99.5 77.4 116.2

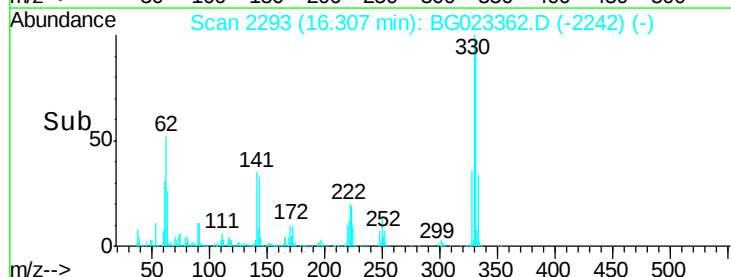
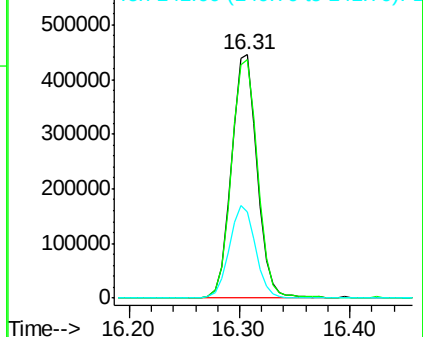
141 38.9 31.7 47.5

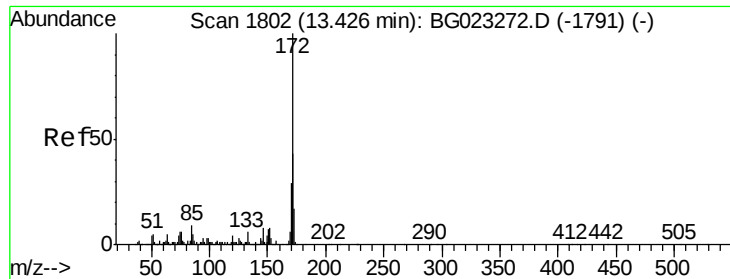


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

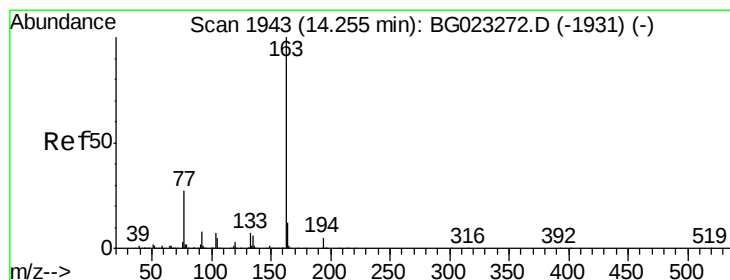
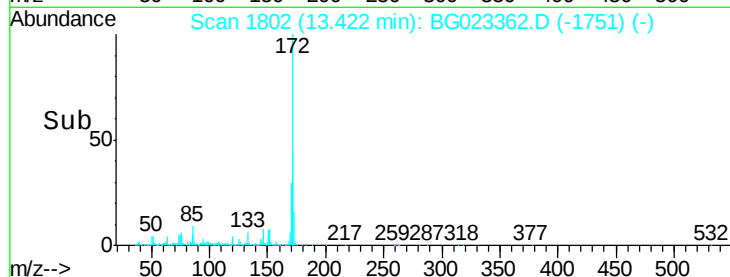
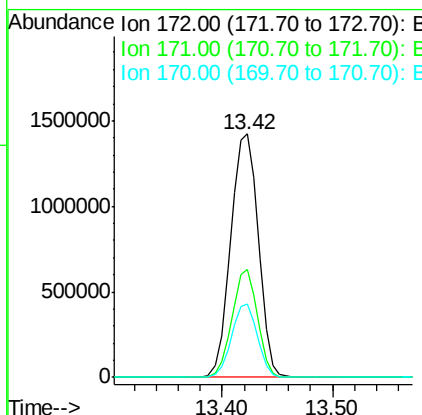
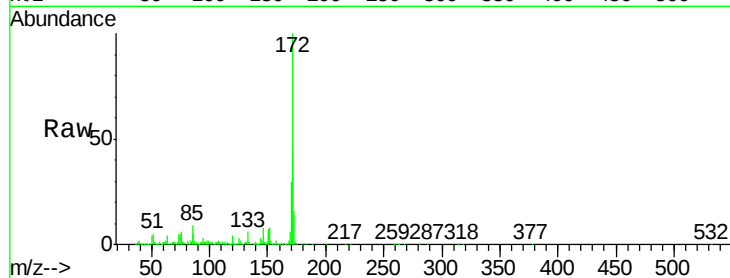




#44
2-Fluorobiphenyl
Concen: 84.07 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

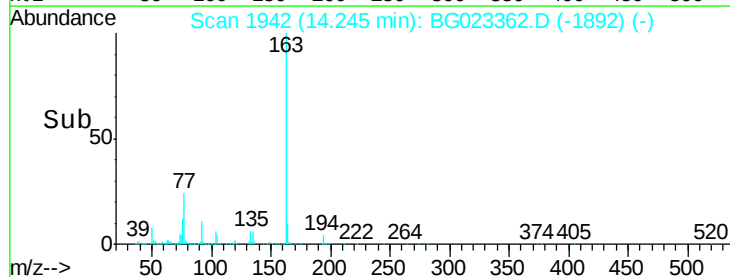
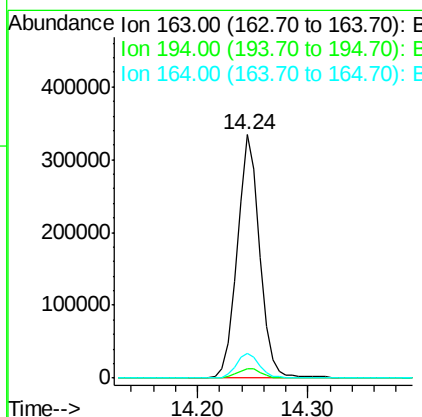
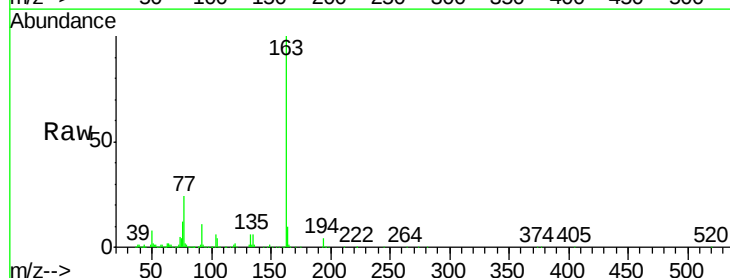
Instrument :
BNA_G
ClientSampleId :
SB-37-4-5

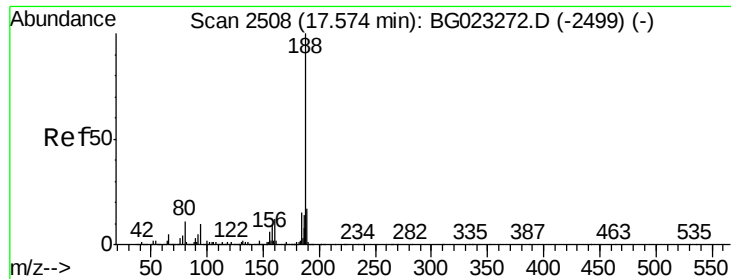
Tgt Ion:172 Resp: 2507408
Ion Ratio Lower Upper
172 100
171 44.3 31.6 47.4
170 30.0 21.3 31.9



#49
Dimethylphthalate
Concen: 11.56 ng
RT: 14.24 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

Tgt Ion:163 Resp: 476298
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.3 8.1 12.1

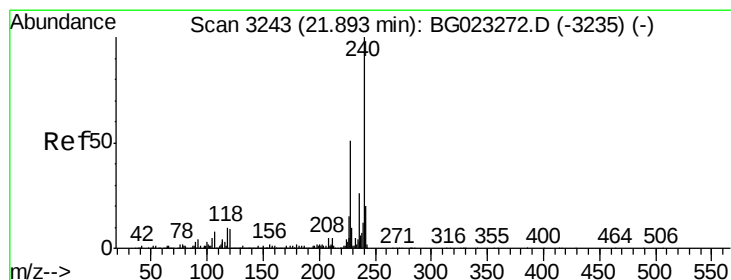
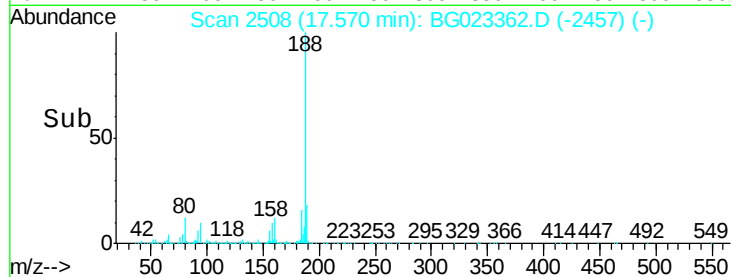
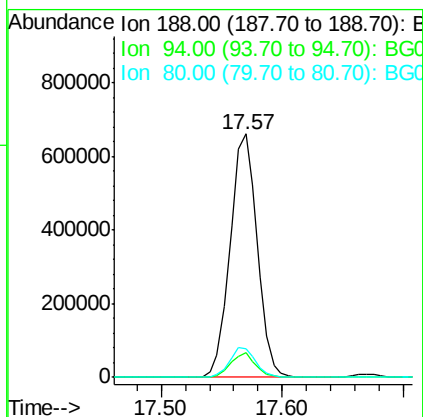
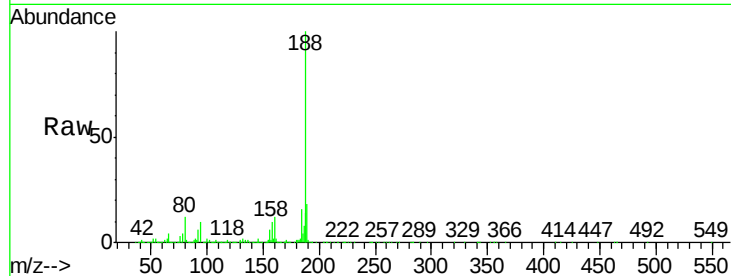




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

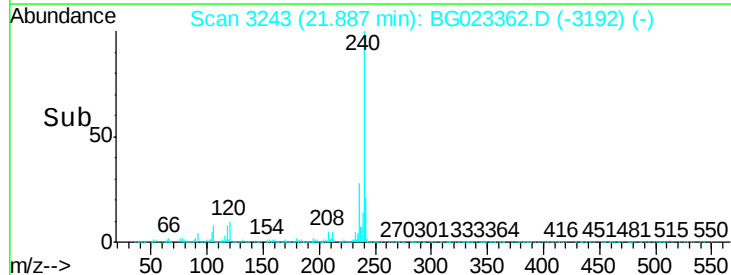
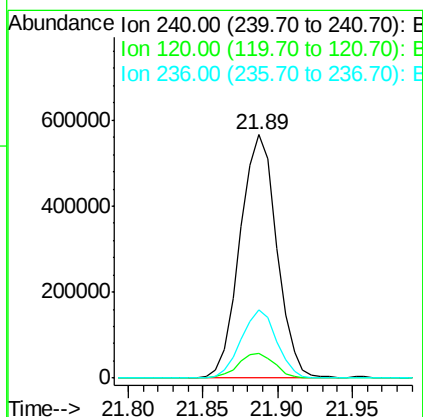
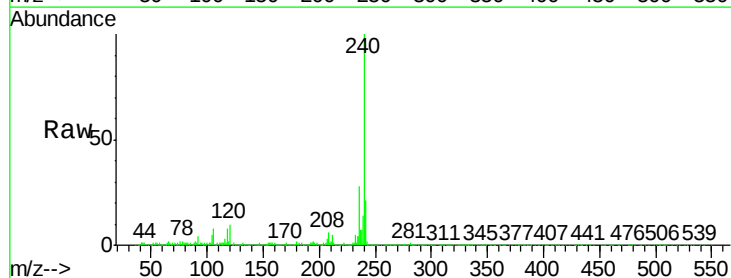
Instrument :
BNA_G
ClientSampleId :
SB-37-4-5

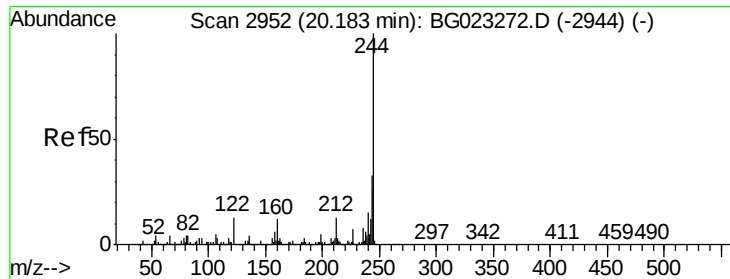
Tgt Ion:188 Resp: 1033031
Ion Ratio Lower Upper
188 100
94 10.3 5.2 7.8#
80 11.7 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

Tgt Ion:240 Resp: 961519
Ion Ratio Lower Upper
240 100
120 9.9 4.1 6.1#
236 27.8 21.1 31.7





#78

Terphenyl-d14

Concen: 85.14 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023362.D

Acq: 30 Jul 2016 18:09

Instrument :

BNA_G

ClientSampleId :

SB-37-4-5

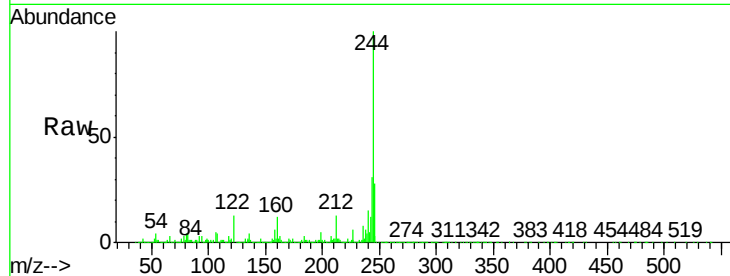
Tgt Ion:244 Resp: 2518324

Ion Ratio Lower Upper

244 100

212 12.7 10.8 16.2

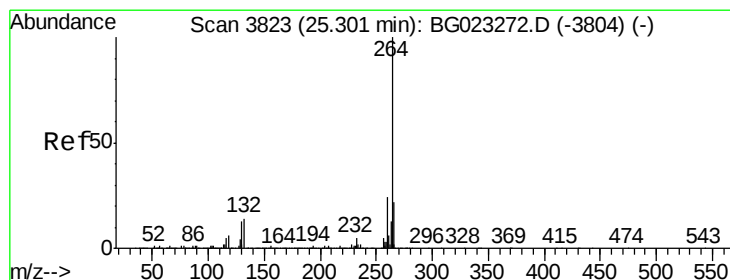
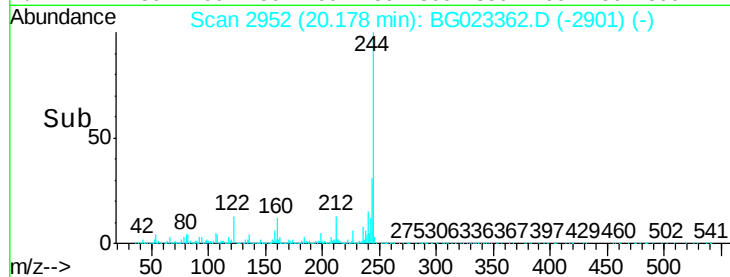
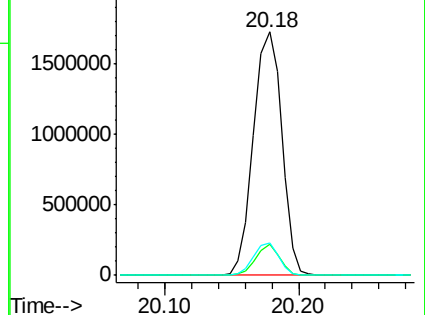
122 13.3 8.0 12.0#



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: 25.29 min Scan# 3822

Delta R.T. -0.01 min

Lab File: BG023362.D

Acq: 30 Jul 2016 18:09

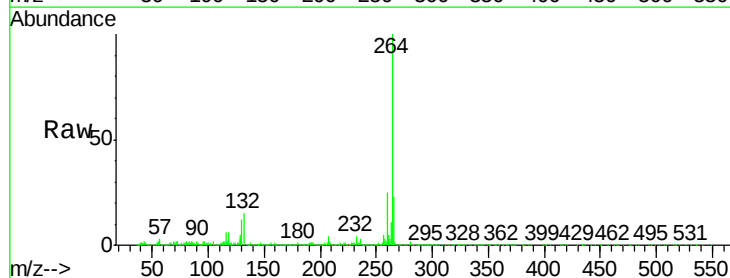
Tgt Ion:264 Resp: 999012

Ion Ratio Lower Upper

264 100

260 25.1 18.4 27.6

265 22.8 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

