

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023861.D
 Acq On : 23 Aug 2016 20:04
 Operator : UM/SJ
 Sample : H4556-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-18A(17-19)

Quant Time: Aug 24 01:49:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

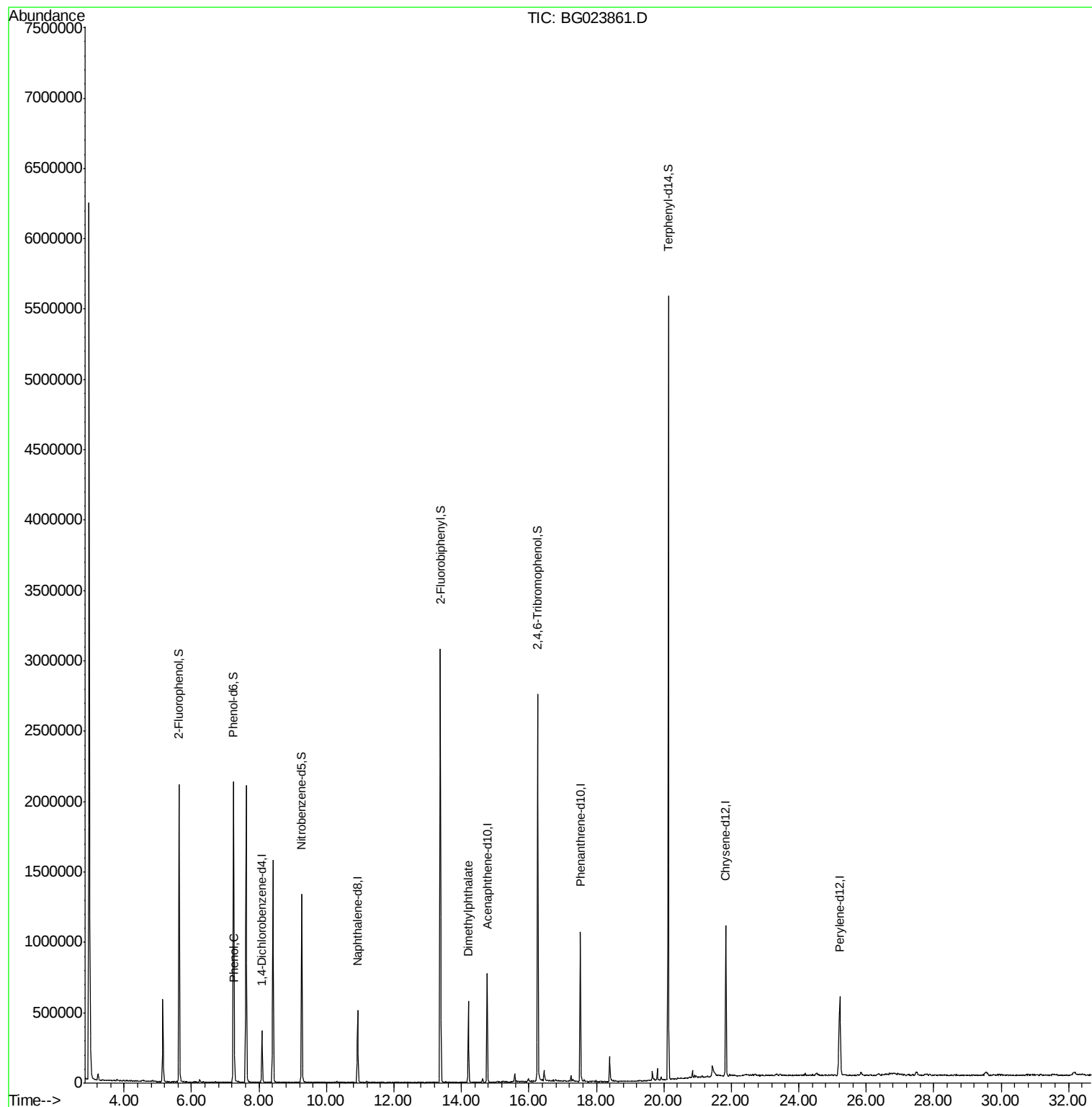
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	98779	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	417572	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	261802	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	606097	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	664916	20.00	ng	-0.02
86) Perylene-d12	25.22	264	655174	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	857425	146.11	ng	-0.03
7) Phenol-d6	7.25	99	1244620	136.17	ng	-0.03
23) Nitrobenzene-d5	9.27	82	857052	102.04	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	478236	124.89	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1570414	101.18	ng	-0.02
78) Terphenyl-d14	20.13	244	2121713	104.18	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	22215	2.27	ng	86
49) Dimethylphthalate	14.21	163	366669	18.25	ng	98

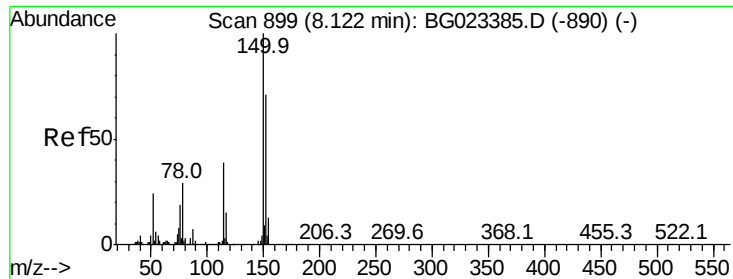
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023861.D

Acq: 23 Aug 2016 20:04

Instrument :

BNA_G

ClientSampleId :

SB-18A(17-19)

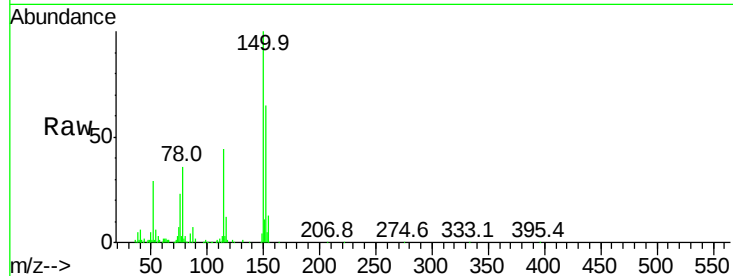
Tot Ion:152 Resp: 98779

Ion Ratio Lower Upper

152 100

150 154.3 144.7 217.1

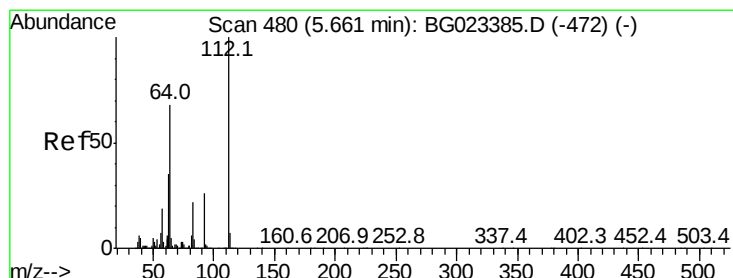
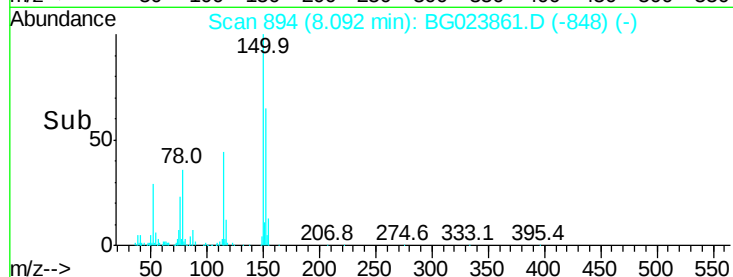
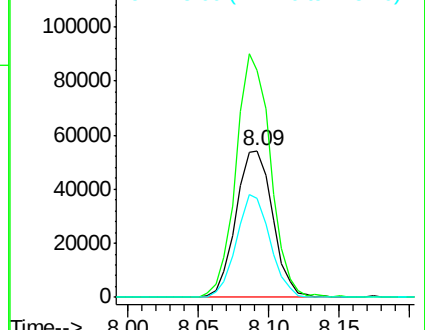
115 67.8 64.0 96.0



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



#5

2-Fluorophenol

Concen: 146.11 ng

RT: 5.63 min Scan# 475

Delta R.T. -0.03 min

Lab File: BG023861.D

Acq: 23 Aug 2016 20:04

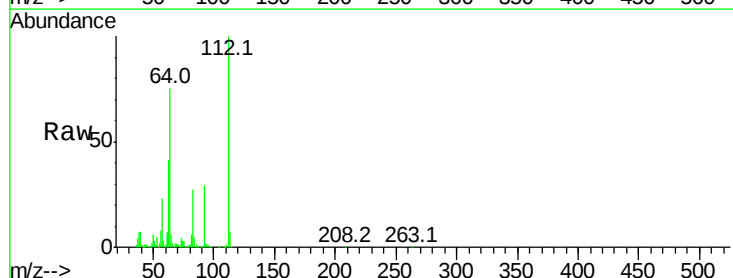
Tgt Ion:112 Resp: 857425

Ion Ratio Lower Upper

112 100

64 74.8 59.0 88.4

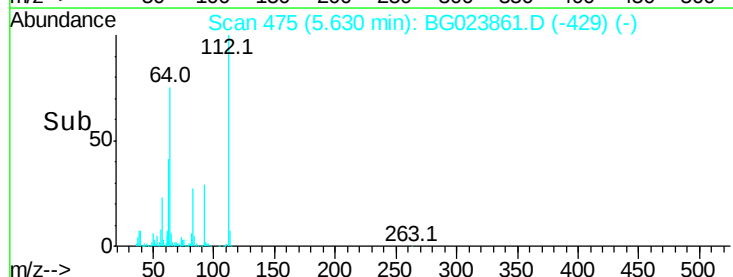
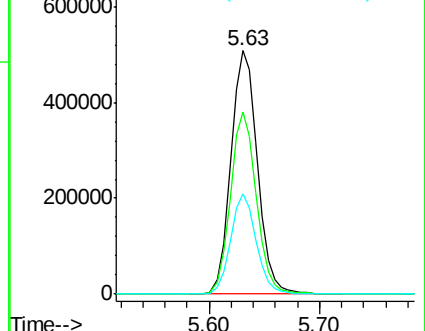
63 41.1 37.8 56.8

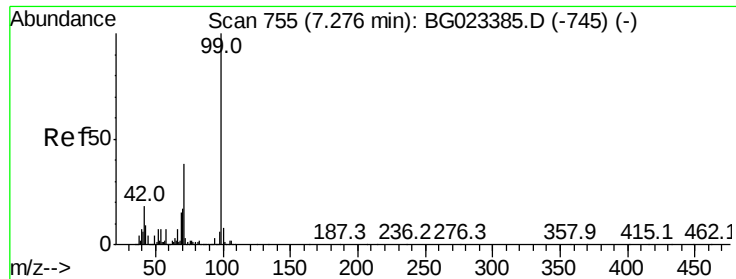


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.17 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG023861.D

Acq: 23 Aug 2016 20:04

Instrument :

BNA_G

ClientSampleId :

SB-18A(17-19)

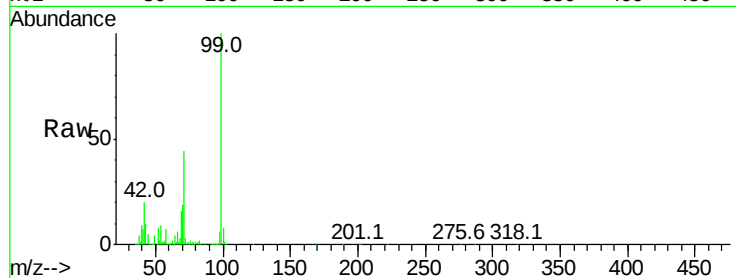
Tot Ion: 99 Resp: 1244620

Ion Ratio Lower Upper

99 100

42 19.8 17.8 26.6

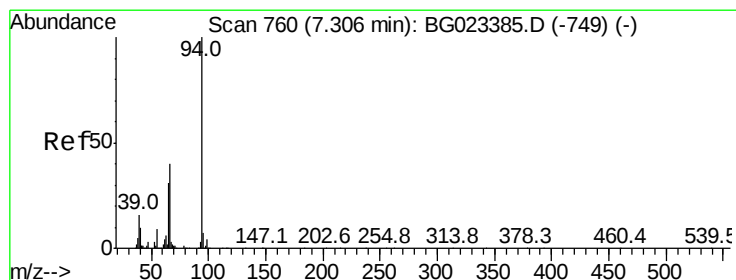
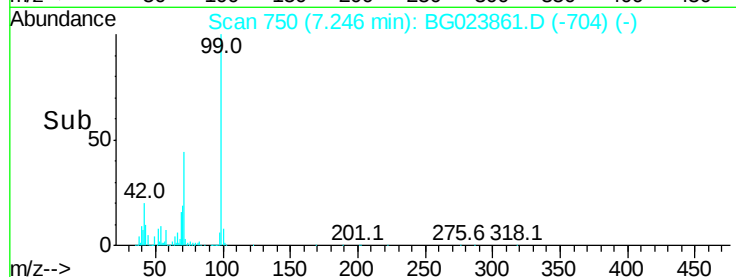
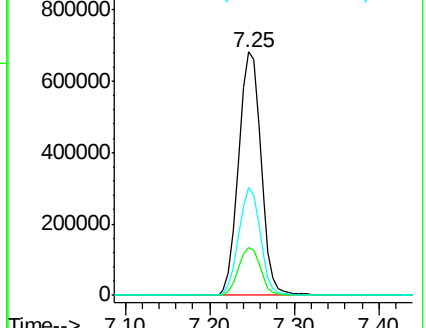
71 44.1 41.5 62.3



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: 2.27 ng

RT: 7.28 min Scan# 755

Delta R.T. -0.03 min

Lab File: BG023861.D

Acq: 23 Aug 2016 20:04

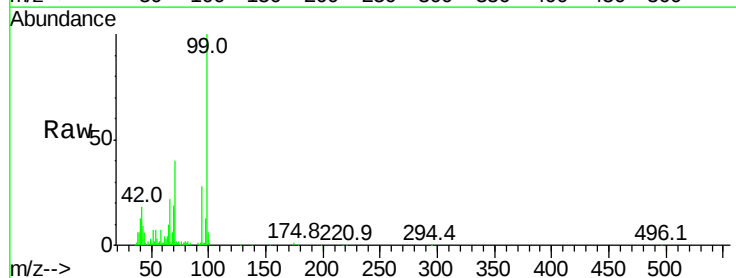
Tgt Ion: 94 Resp: 22215

Ion Ratio Lower Upper

94 100

65 36.3 18.1 58.1

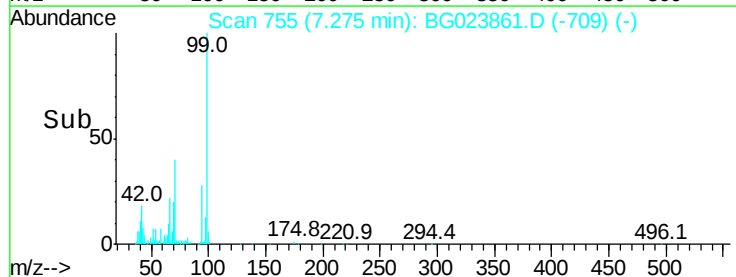
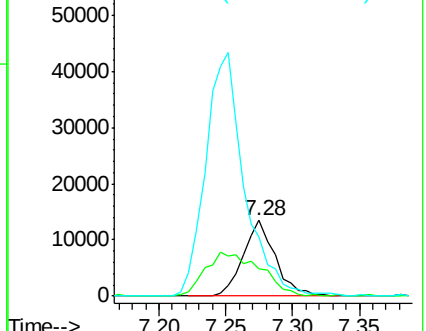
66 77.5 42.1 82.1

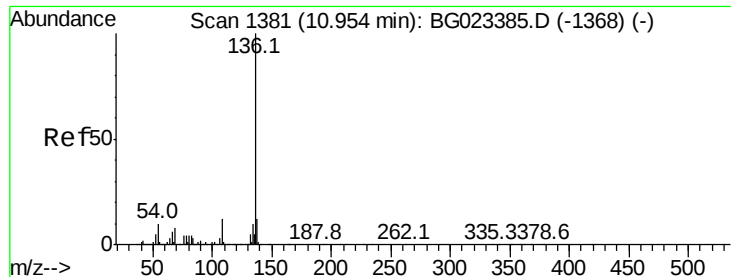


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

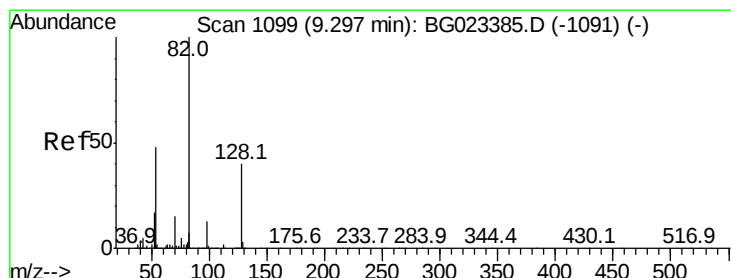
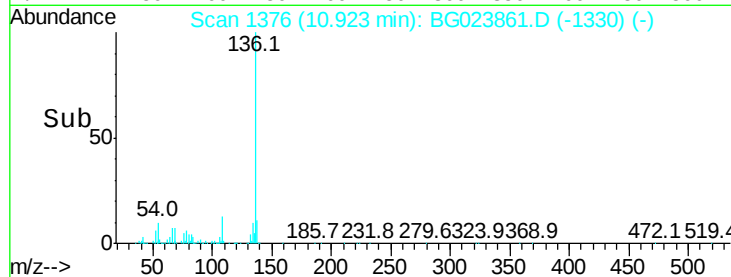
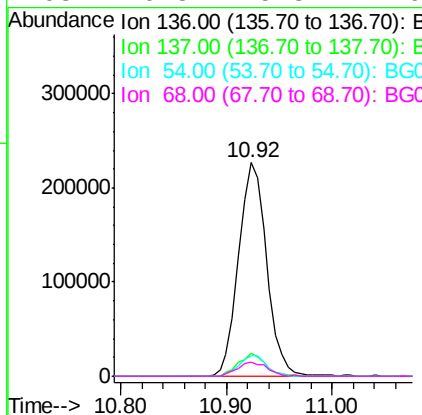
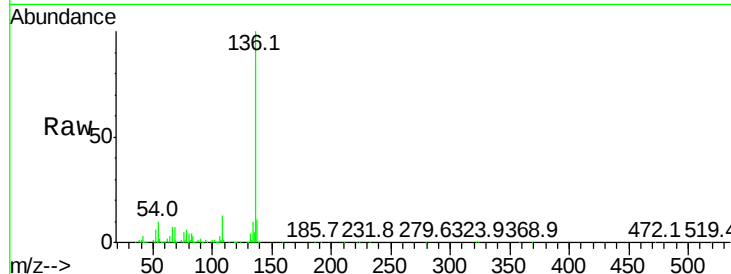




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

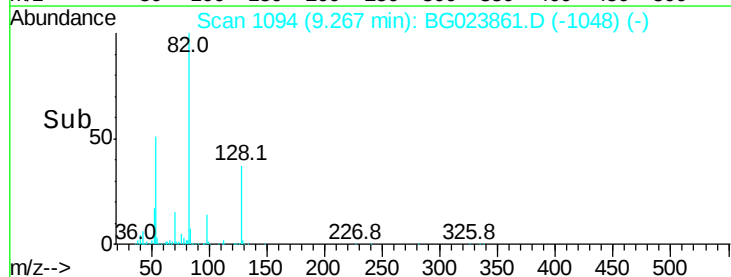
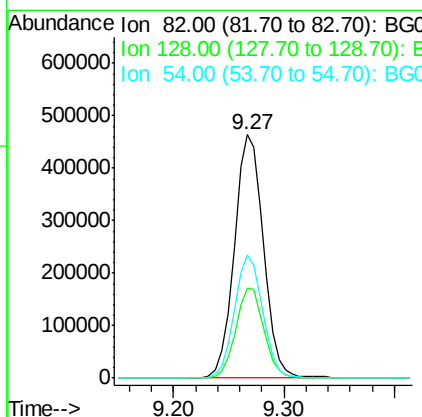
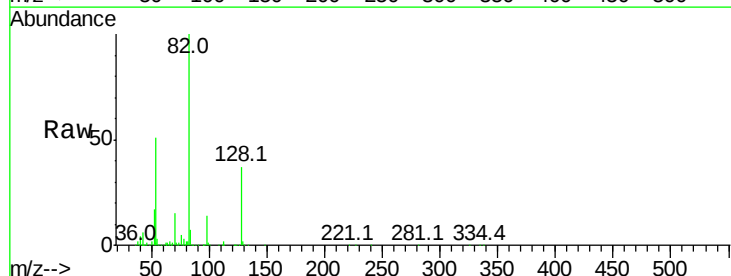
Instrument :
BNA_G
ClientSampleId :
SB-18A(17-19)

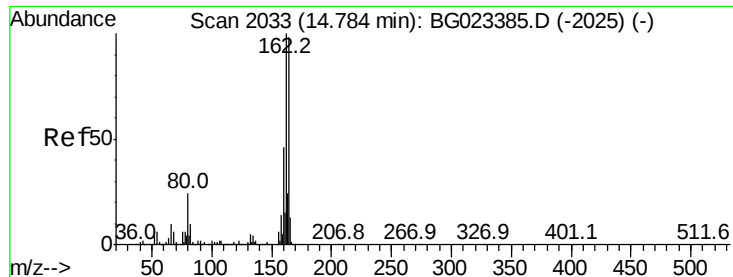
Tot Ion:136	Resp:	417572
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.6 14.4
54	9.6	7.3 10.9
68	6.8	5.3 7.9



#23
Nitrobenzene-d5
Concen: 102.04 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Tgt Ion: 82	Resp:	857052
Ion Ratio	Lower	Upper
82	100	
128	37.0	24.4 36.6#
54	50.9	41.4 62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BG023861.D

Acq: 23 Aug 2016 20:04

Instrument :

BNA_G

ClientSampleId :

SB-18A(17-19)

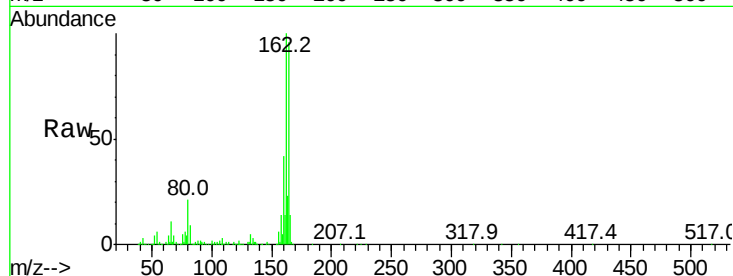
Tot Ion:164 Resp: 261802

Ion Ratio Lower Upper

164 100

162 104.5 87.7 131.5

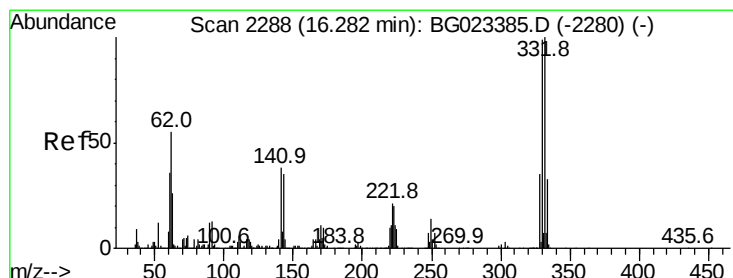
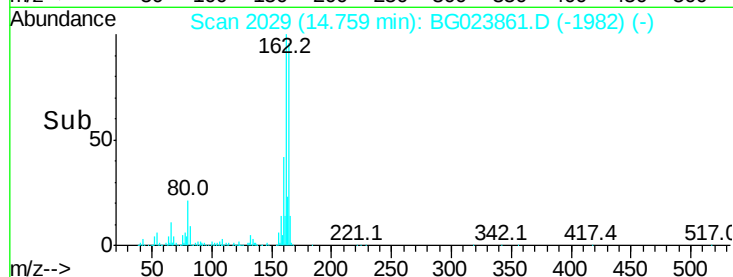
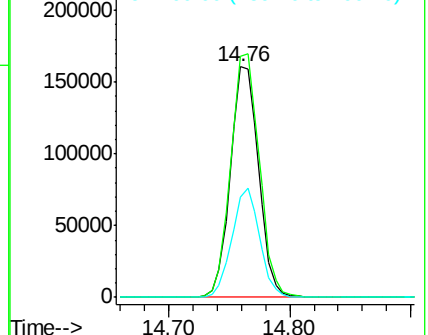
160 43.7 37.2 55.8



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: 124.89 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG023861.D

Acq: 23 Aug 2016 20:04

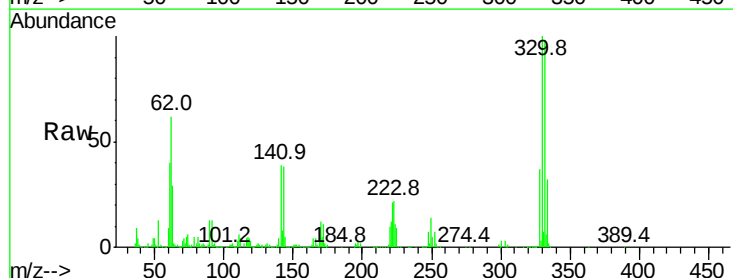
Tgt Ion:330 Resp: 478236

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

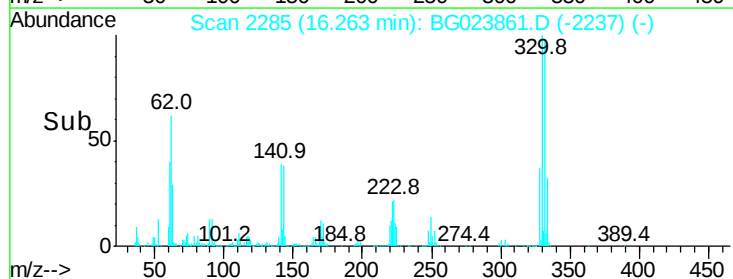
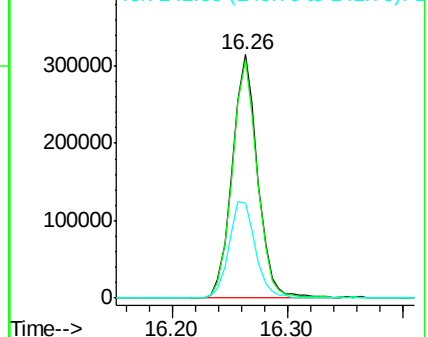
141 41.8 31.7 47.5

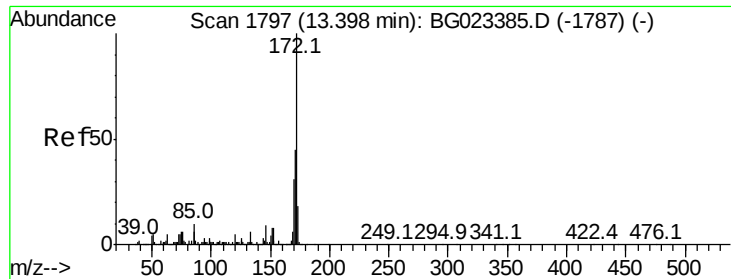


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

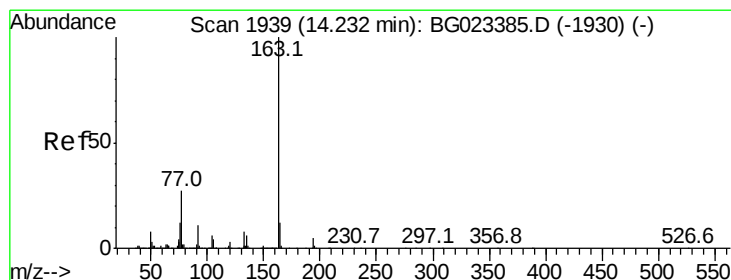
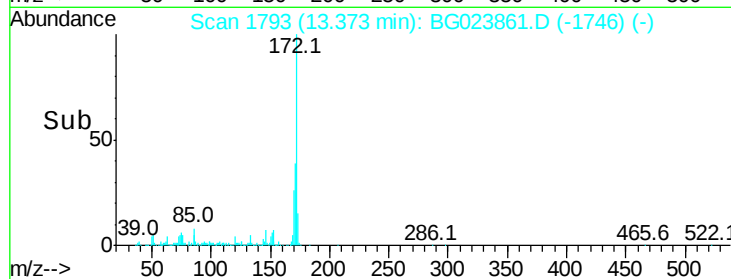
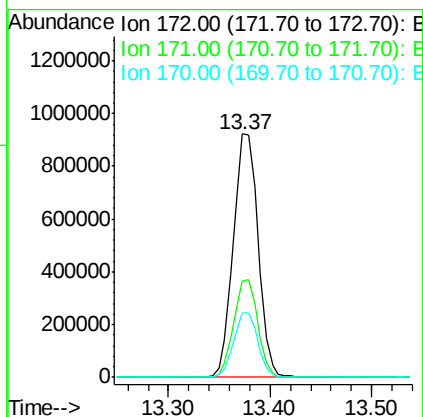
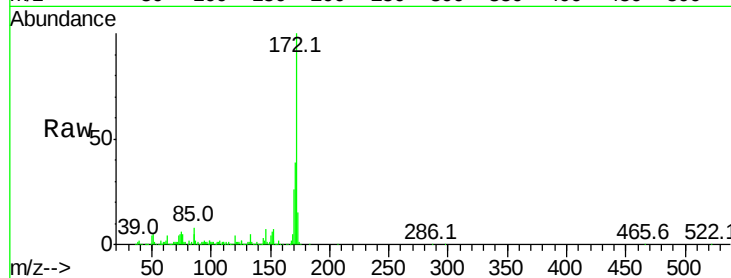




#44
2-Fluorobiphenyl
Concen: 101.18 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

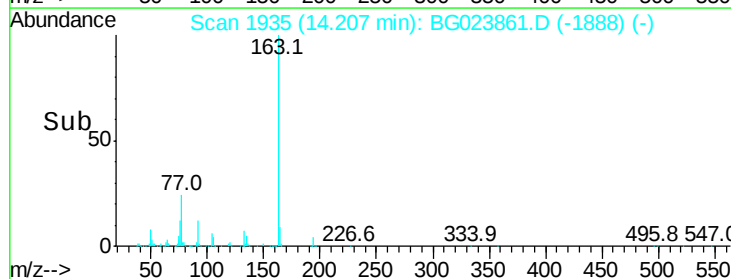
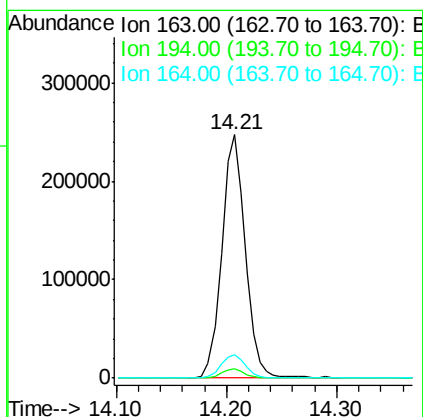
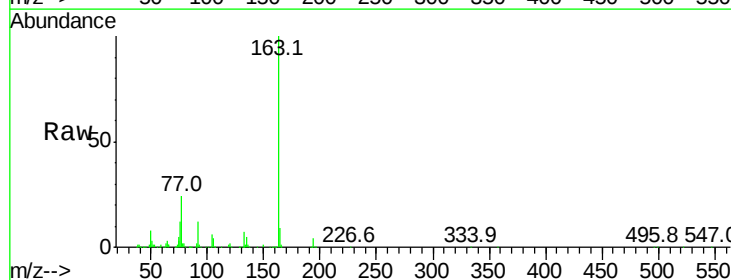
Instrument :
BNA_G
ClientSampleId :
SB-18A(17-19)

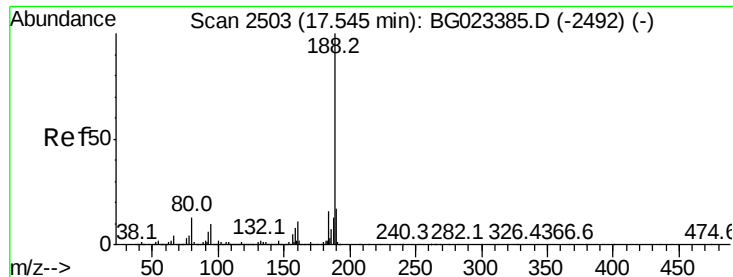
Tot Ion:172 Resp: 1570414
Ion Ratio Lower Upper
172 100
171 39.4 31.6 47.4
170 26.5 21.3 31.9



#49
Dimethylphthalate
Concen: 18.25 ng
RT: 14.21 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG023861.D
Acq: 23 Aug 2016 20:04

Tgt Ion:163 Resp: 366669
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 9.4 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023861.D

Acq: 23 Aug 2016 20:04

Instrument :

BNA_G

ClientSampleId :

SB-18A(17-19)

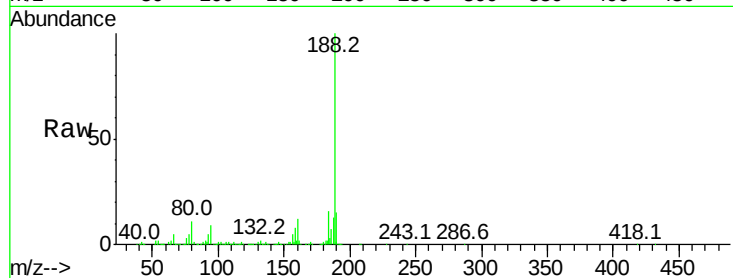
Tot Ion:188 Resp: 606097

Ion Ratio Lower Upper

188 100

94 8.9 5.2 7.8#

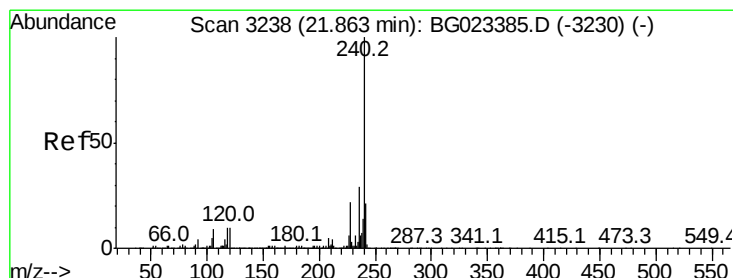
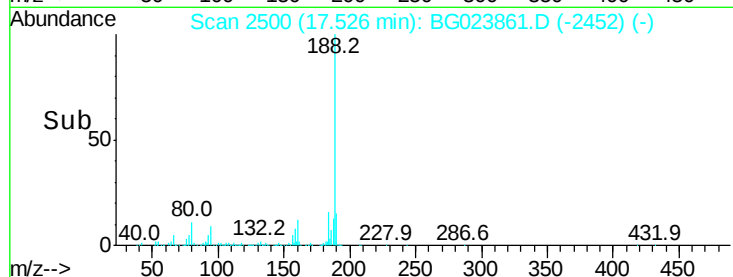
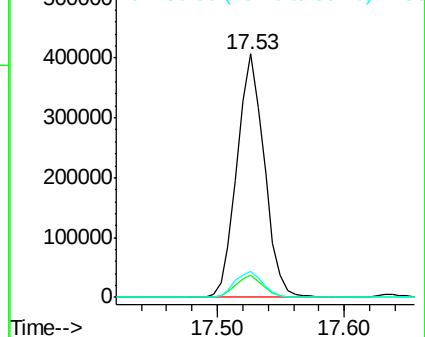
80 10.9 7.2 10.8#



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. -0.02 min

Lab File: BG023861.D

Acq: 23 Aug 2016 20:04

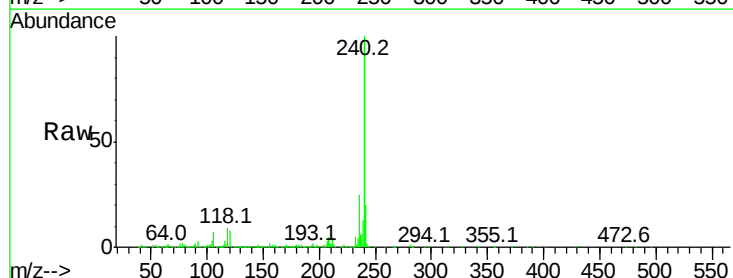
Tgt Ion:240 Resp: 664916

Ion Ratio Lower Upper

240 100

120 8.0 4.1 6.1#

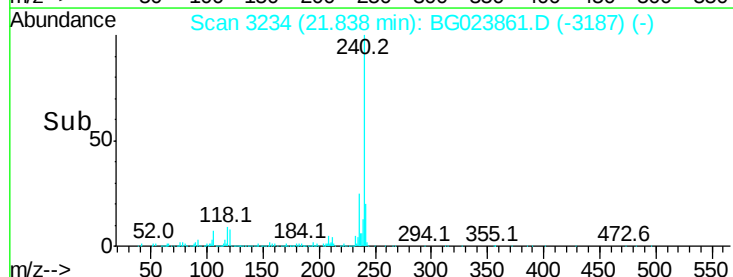
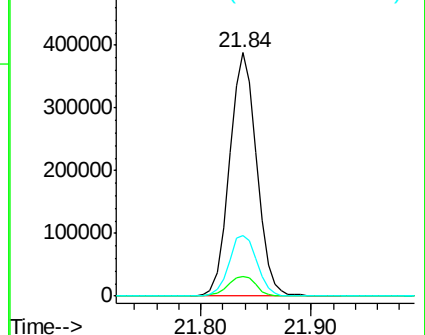
236 24.8 21.1 31.7

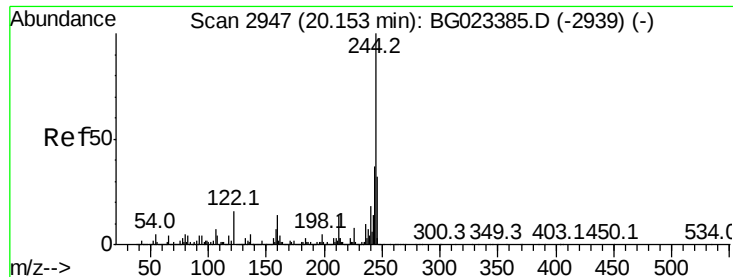


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.18 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023861.D

Acq: 23 Aug 2016 20:04

Instrument :

BNA_G

ClientSampleId :

SB-18A(17-19)

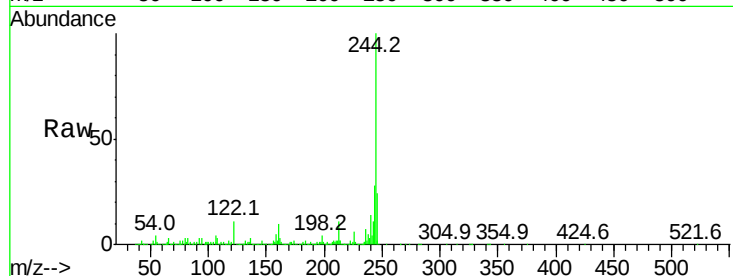
Tot Ion:244 Resp: 2121713

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.8	16.2
122	10.6	8.0	12.0

244 100

212 10.9 10.8 16.2

122 10.6 8.0 12.0

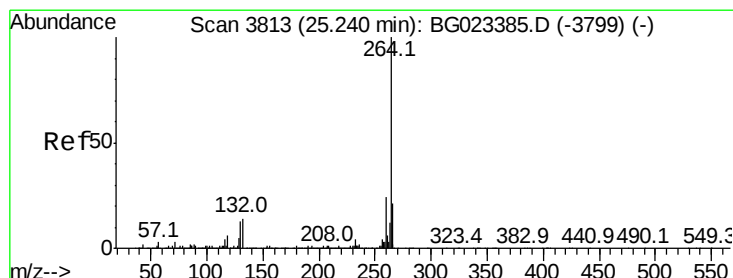
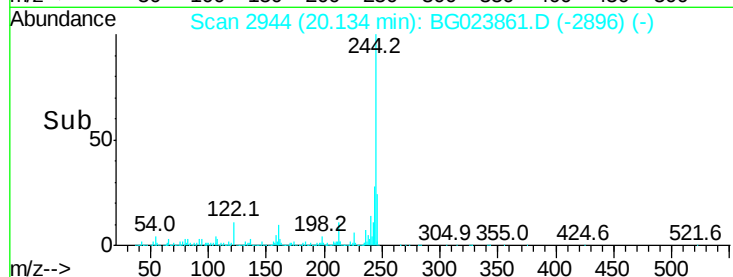
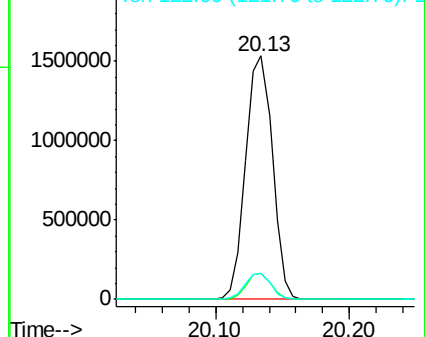


Abundance

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: 25.22 min Scan# 3810

Delta R.T. -0.02 min

Lab File: BG023861.D

Acq: 23 Aug 2016 20:04

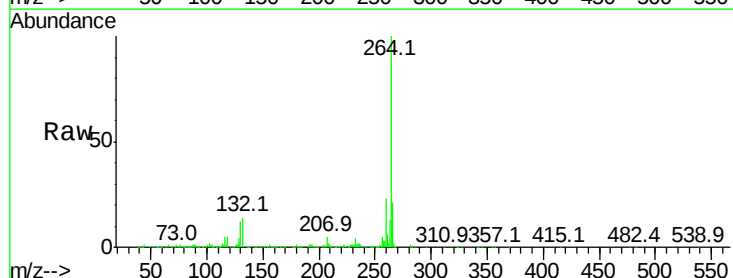
Tgt Ion:264 Resp: 655174

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.0	18.9	28.3

264 100

260 23.2 18.4 27.6

265 21.0 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

