

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031509.D
 Acq On : 13 Dec 2017 2:26
 Operator : SJ/JU
 Sample : I6764-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MAP-8-E(7-8)

Quant Time: Dec 13 05:58:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

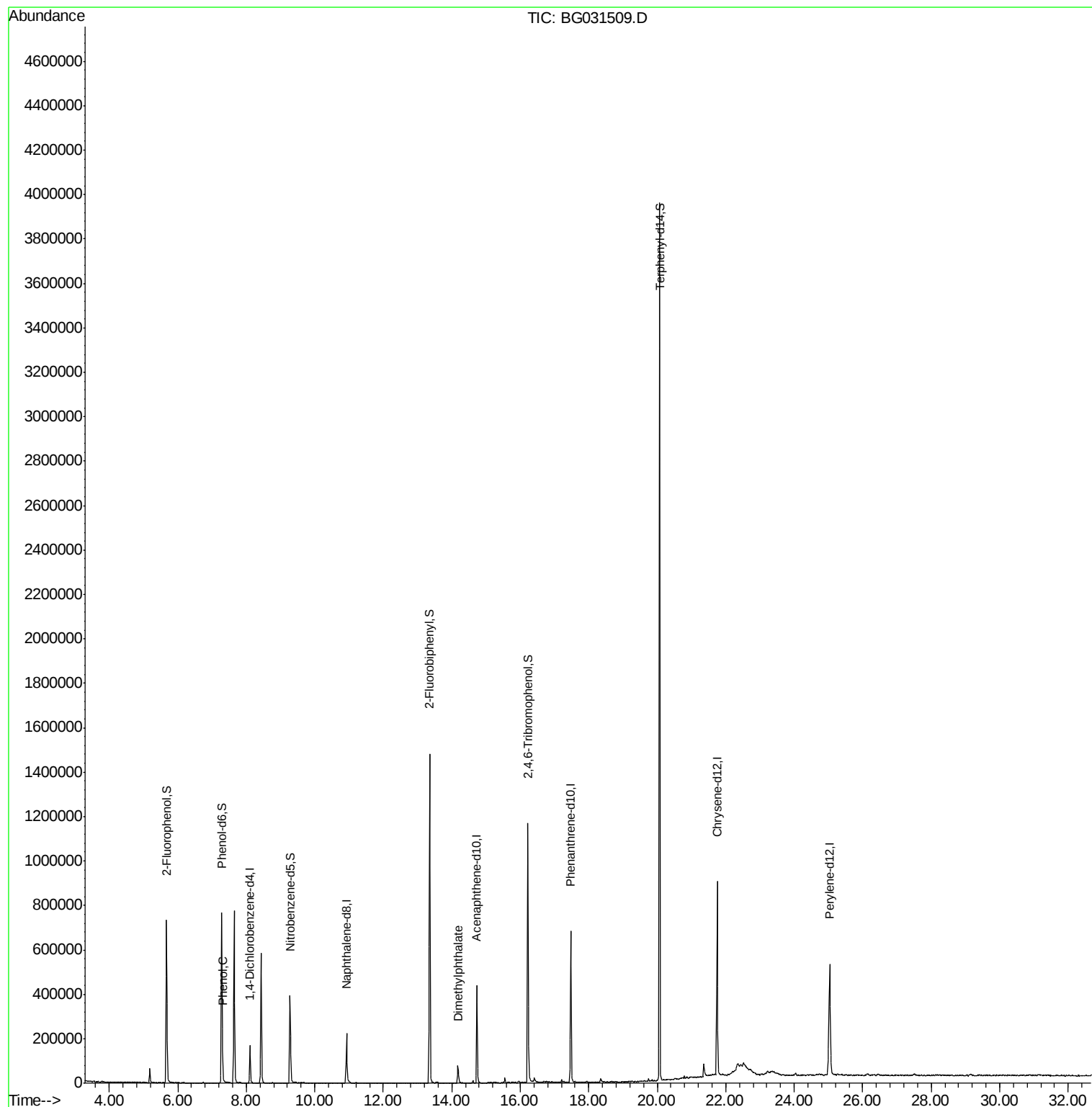
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53785	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	236256	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	161856	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	457597	20.00	ng	0.00
75) Chrysene-d12	21.75	240	581602	20.00	ng	0.00
86) Perylene-d12	25.03	264	570123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	378256	124.66	ng	0.00
7) Phenol-d6	7.28	99	508748	120.77	ng	0.01
23) Nitrobenzene-d5	9.28	82	279470	72.91	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	250703	132.21	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	870063	78.91	ng	0.00
78) Terphenyl-d14	20.07	244	1900179	74.33	ng	0.00
Target Compounds						
10) Phenol	7.31	94	19120	4.418	ng	93
49) Dimethylphthalate	14.18	163	74718	5.576	ng	98

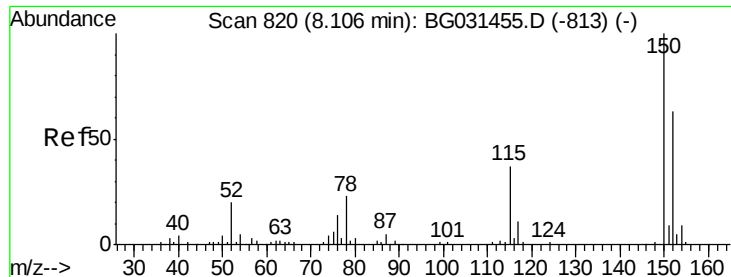
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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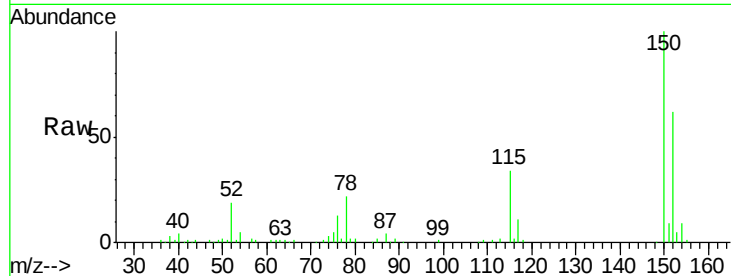


#1

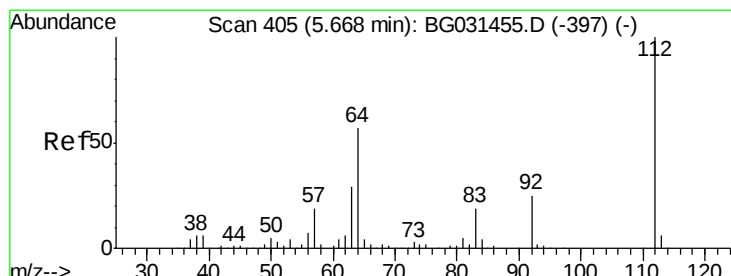
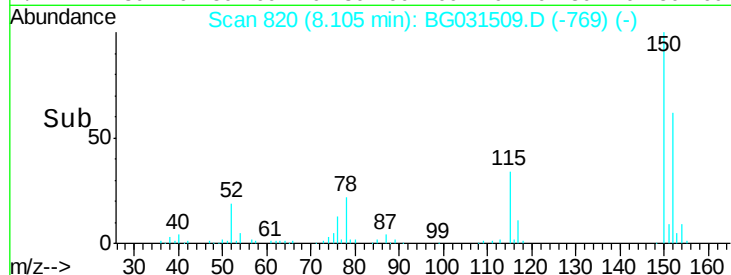
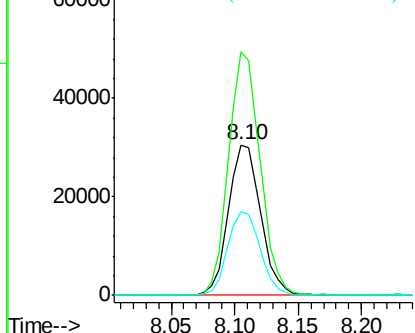
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031509.D
Acq: 13 Dec 2017 2:26

Instrument :
BNA_G
ClientSampleId :
MAP-8-E(7-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.6	189.8
115	55.7	53.0	79.4



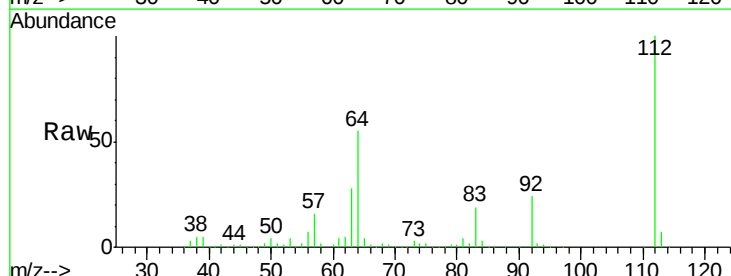
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



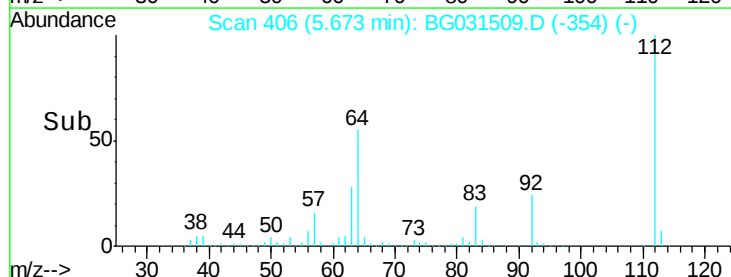
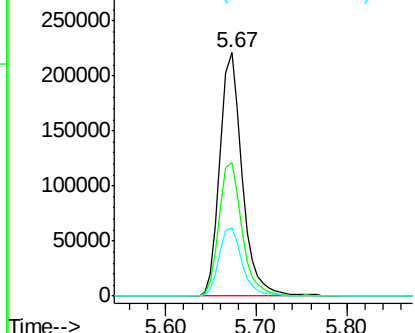
#5

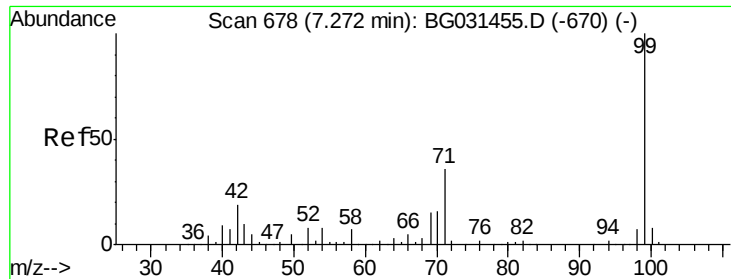
2-Fluorophenol
Concen: 124.657 ng
RT: 5.67 min Scan# 406
Delta R.T. 0.01 min
Lab File: BG031509.D
Acq: 13 Dec 2017 2:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	56.3	84.5#
63	27.8	30.1	45.1#



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: 120.773 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031509.D

Acq: 13 Dec 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MAP-8-E(7-8)

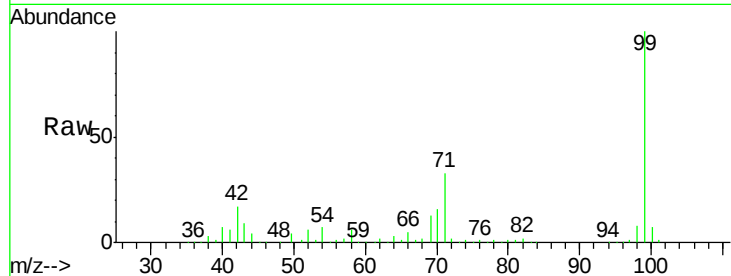
Tot Ion: 99 Resp: 508748

Ion Ratio Lower Upper

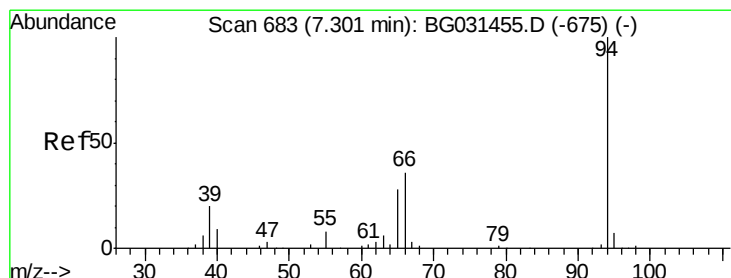
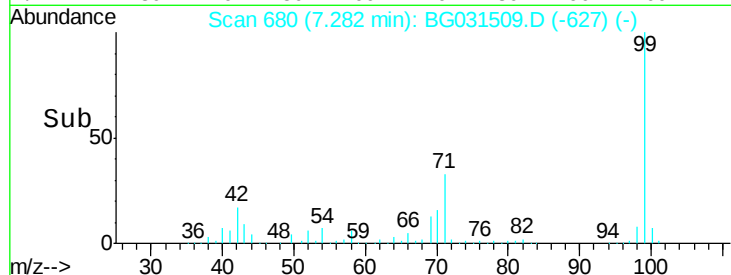
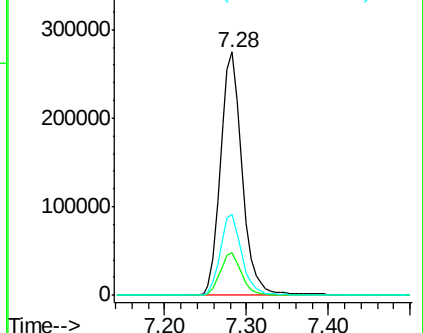
99 100

42 17.4 14.1 21.1

71 33.5 26.1 39.1



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: 4.418 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.01 min

Lab File: BG031509.D

Acq: 13 Dec 2017 2:26

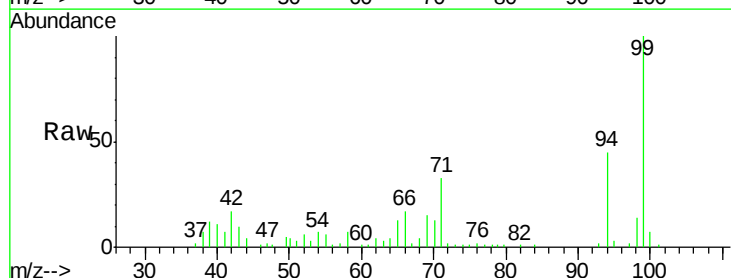
Tgt Ion: 94 Resp: 19120

Ion Ratio Lower Upper

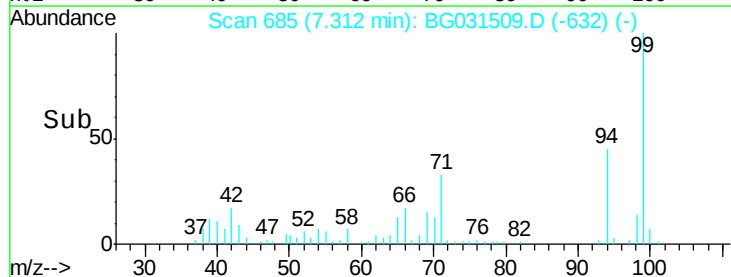
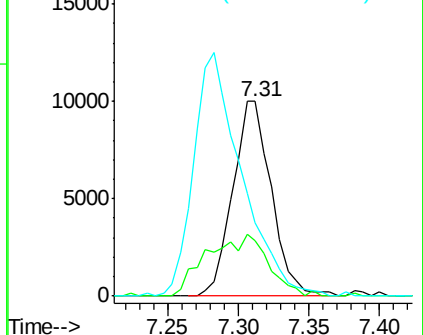
94 100

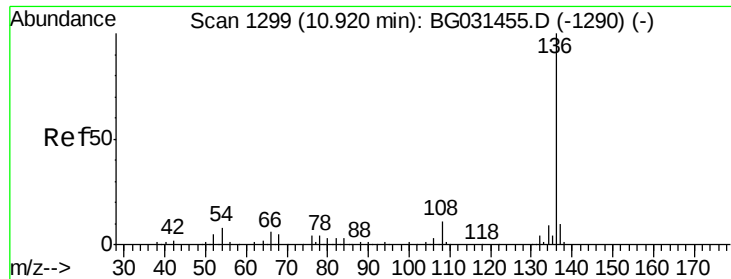
65 28.2 11.9 51.9

66 37.5 22.2 62.2



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: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG031509.D

Acq: 13 Dec 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MAP-8-E(7-8)

Tot Ion:136 Resp: 236256

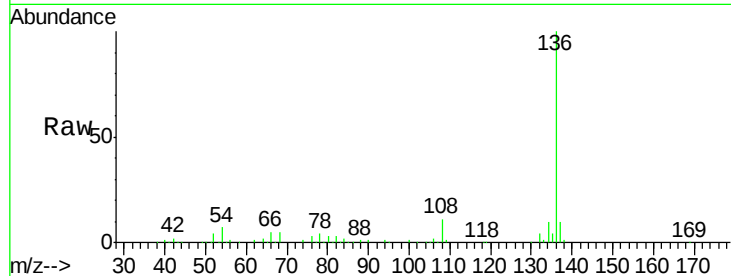
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 6.7 10.3 15.5#

68 5.5 4.5 6.7

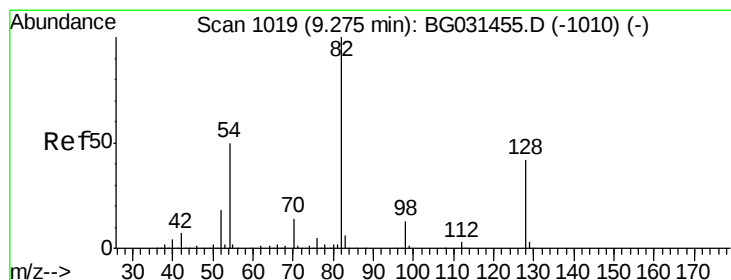
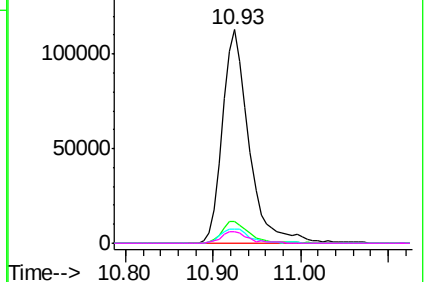
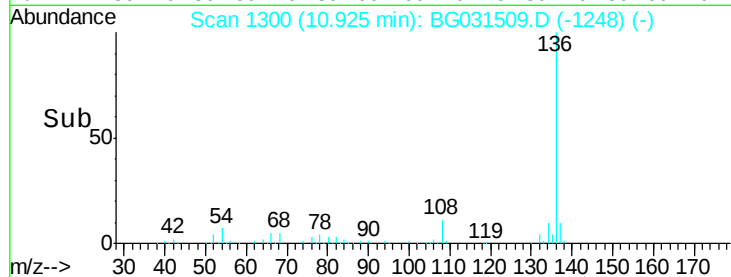


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 72.911 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BG031509.D

Acq: 13 Dec 2017 2:26

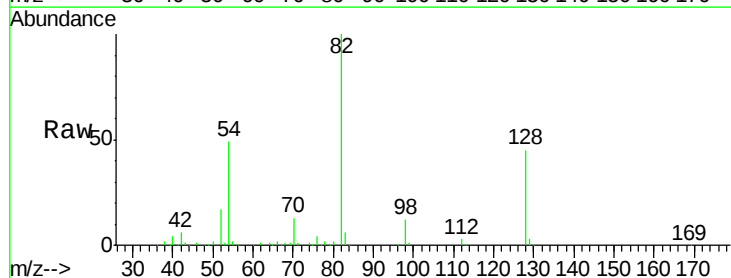
Tgt Ion: 82 Resp: 279470

Ion Ratio Lower Upper

82 100

128 45.1 29.7 44.5#

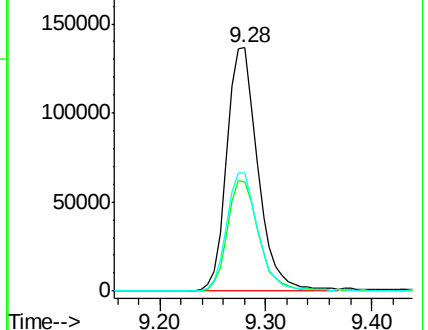
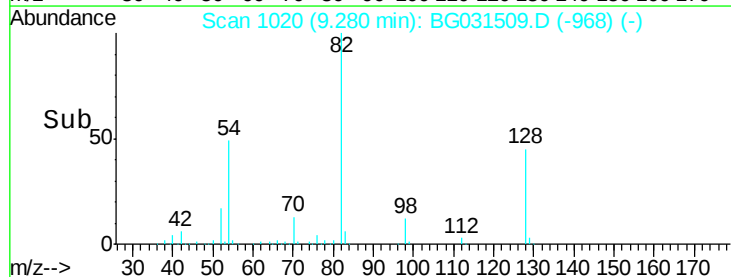
54 48.8 43.1 64.7

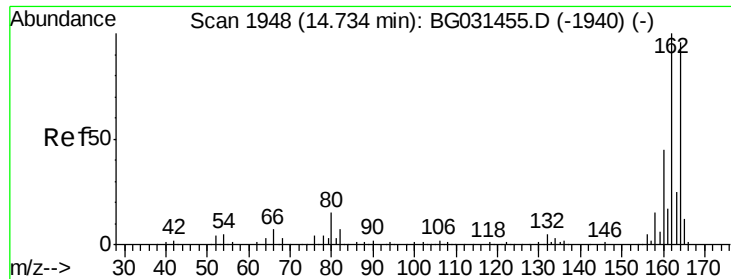


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG031509.D

Acq: 13 Dec 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MAP-8-E(7-8)

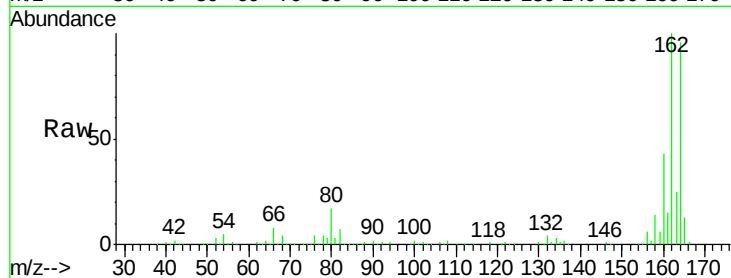
Tot Ion:164 Resp: 161856

Ion Ratio Lower Upper

164 100

162 103.7 78.8 118.2

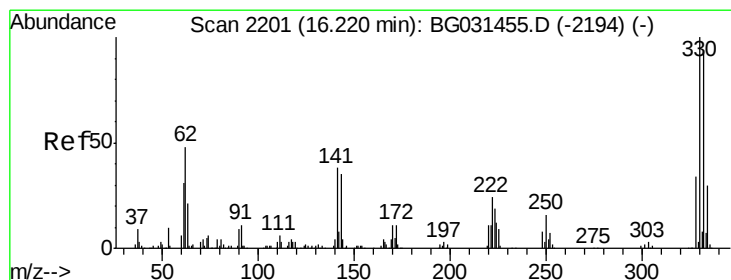
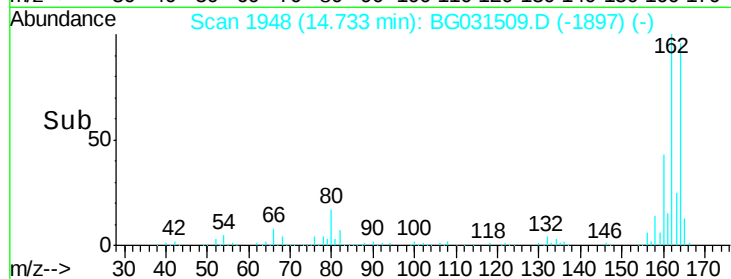
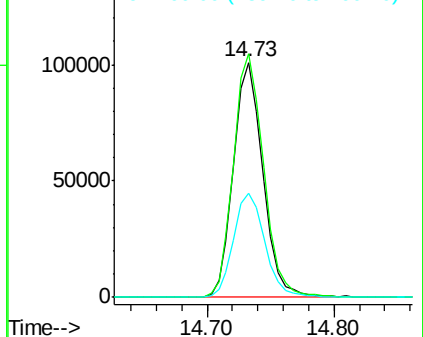
160 44.2 35.4 53.0



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: 132.213 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG031509.D

Acq: 13 Dec 2017 2:26

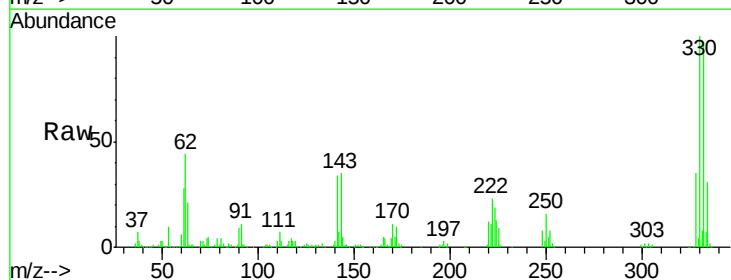
Tgt Ion:330 Resp: 250703

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

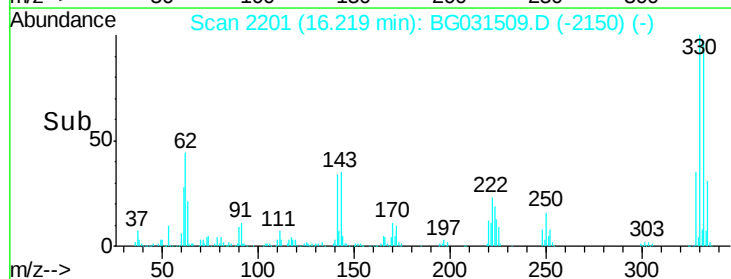
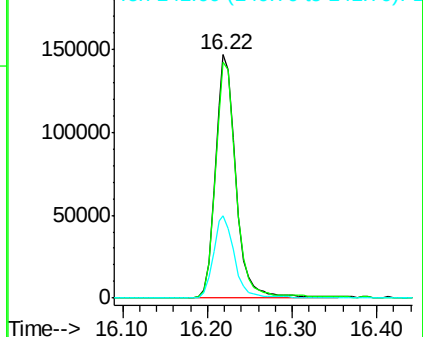
141 34.8 25.2 37.8

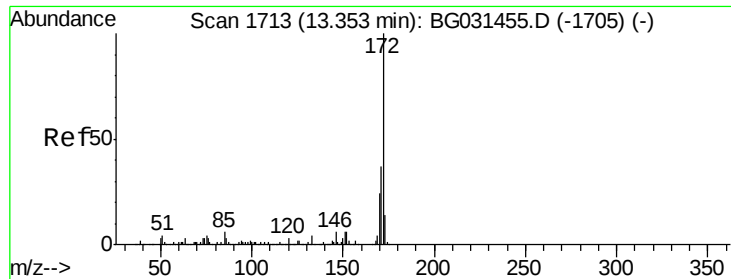


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

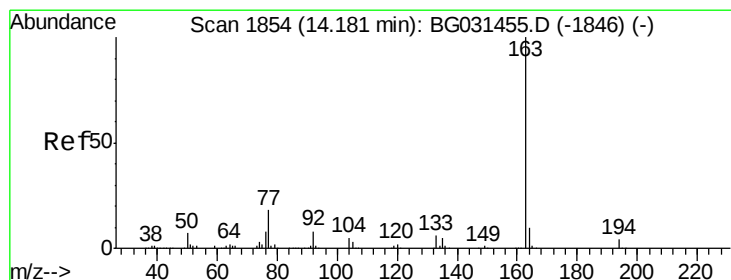
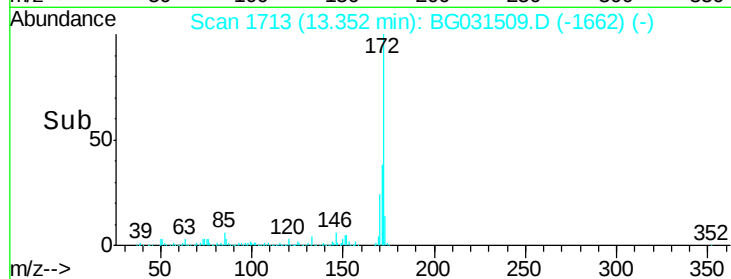
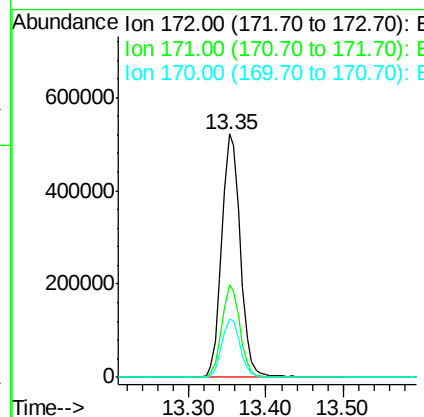
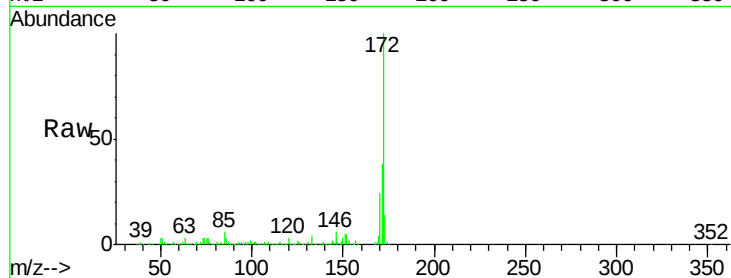




#44
2-Fluorobiphenyl
Concen: 78.906 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG031509.D
Acq: 13 Dec 2017 2:26

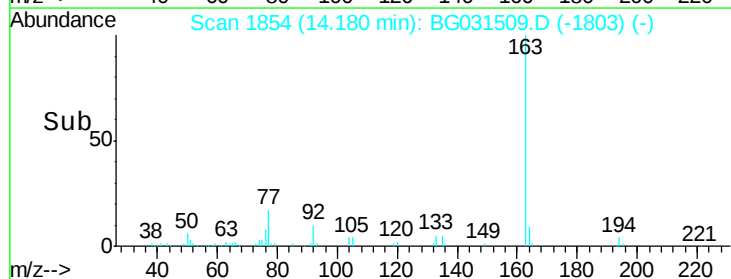
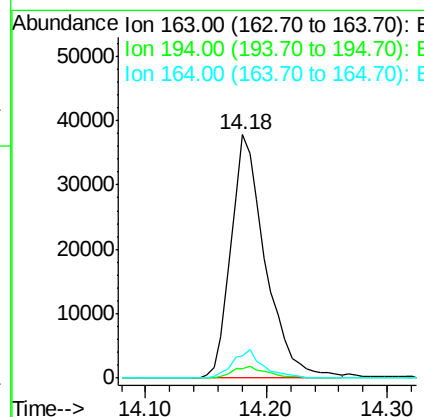
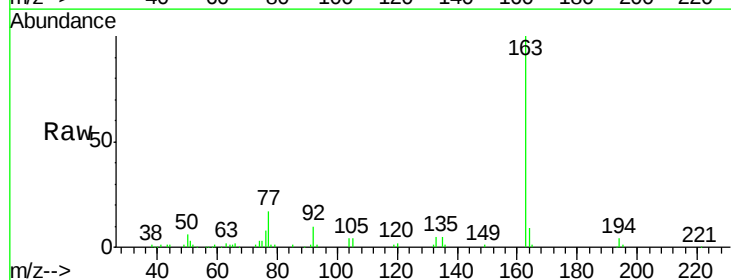
Instrument :
BNA_G
ClientSampleId :
MAP-8-E(7-8)

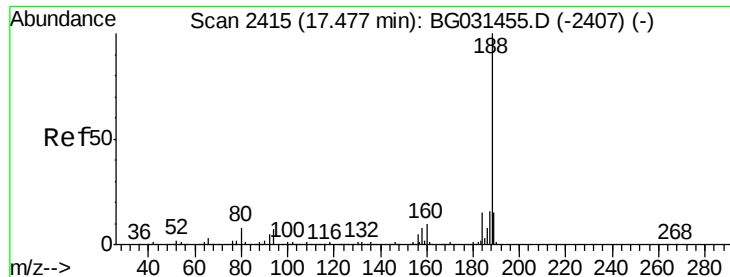
Tot Ion:172 Resp: 870063
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 23.6 19.5 29.3



#49
Dimethylphthalate
Concen: 5.576 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BG031509.D
Acq: 13 Dec 2017 2:26

Tgt Ion:163 Resp: 74718
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 9.4 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031509.D

Acq: 13 Dec 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MAP-8-E(7-8)

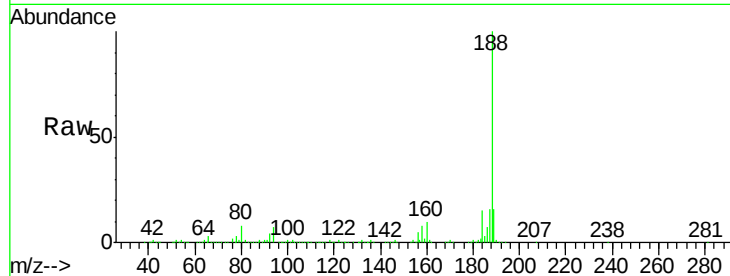
Tot Ion:188 Resp: 457597

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

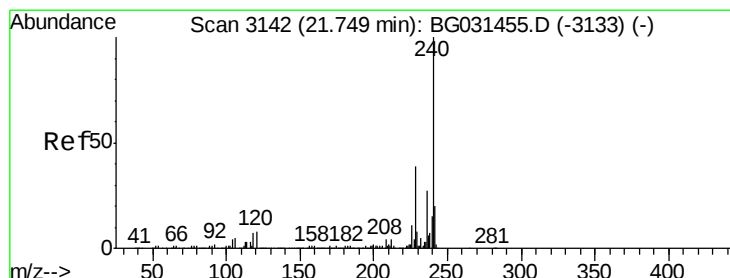
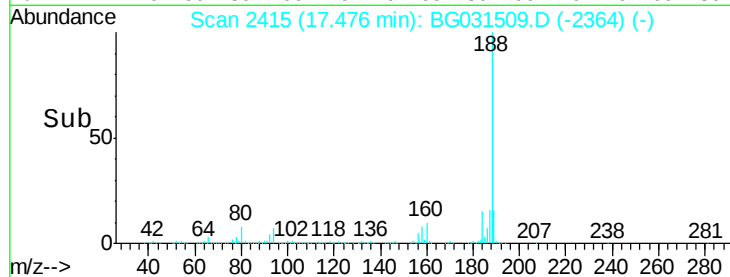
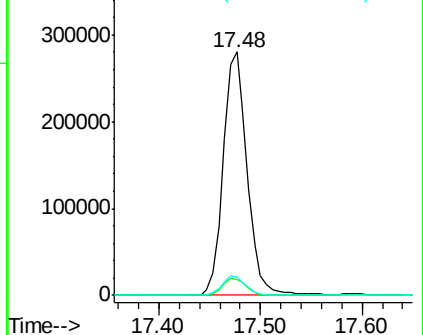
80 7.6 7.7 11.5#



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: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031509.D

Acq: 13 Dec 2017 2:26

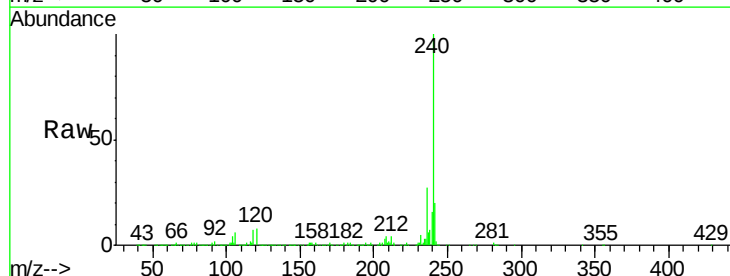
Tgt Ion:240 Resp: 581602

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

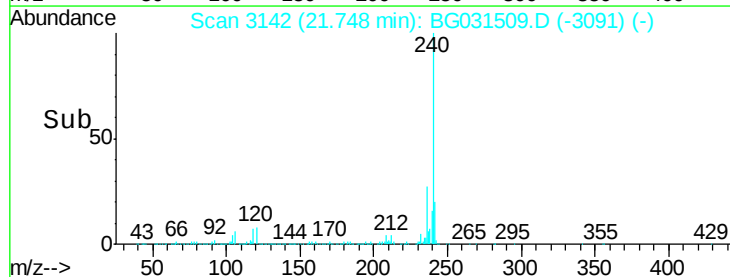
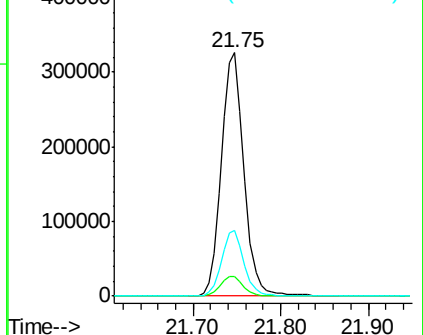
236 27.2 20.9 31.3

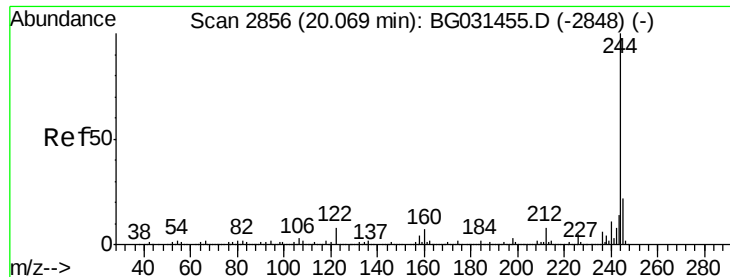


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.333 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031509.D

Acq: 13 Dec 2017 2:26

Instrument :

BNA_G

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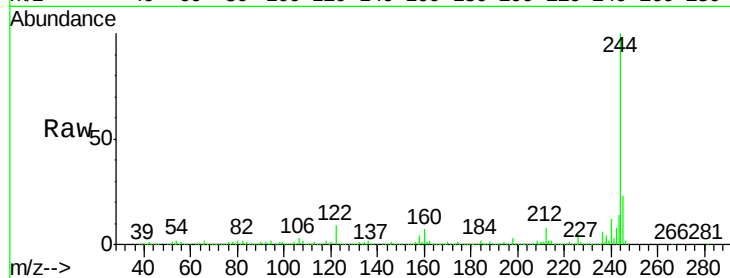
Tot Ion:244 Resp: 1900179

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

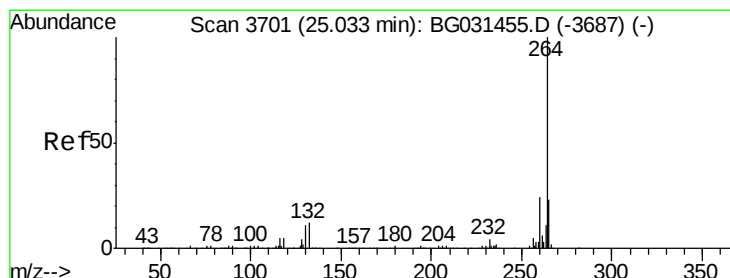
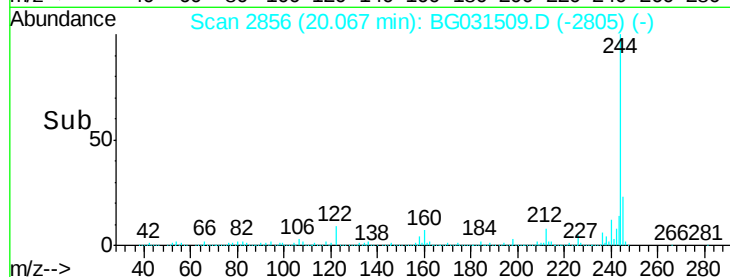
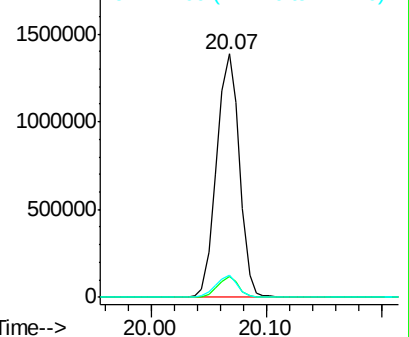
122 8.9 7.0 10.4



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: 20.000 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031509.D

Acq: 13 Dec 2017 2:26

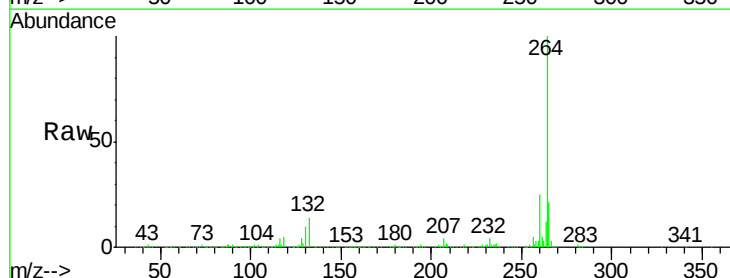
Tgt Ion:264 Resp: 570123

Ion Ratio Lower Upper

264 100

260 25.2 17.4 26.0

265 20.9 17.7 26.5



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

