

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030728.D
 Acq On : 4 Nov 2017 9:52
 Operator : SJ/JU
 Sample : I6157-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-1

Quant Time: Nov 04 11:21:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

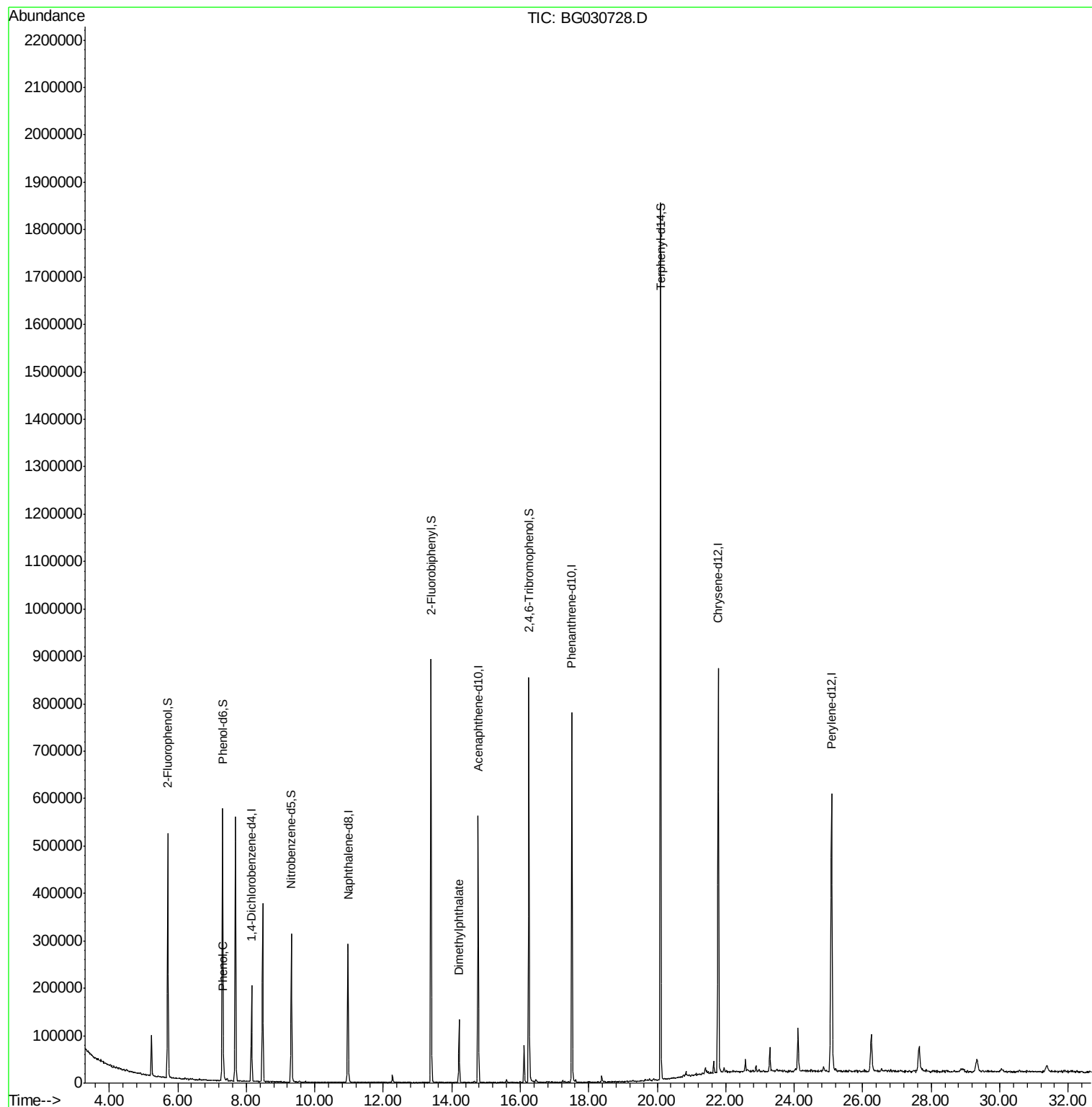
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	59142	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	279378	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	200863	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	488265	20.00	ng	0.00
75) Chrysene-d12	21.78	240	538778	20.00	ng	0.00
86) Perylene-d12	25.09	264	557179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	249252	70.40	ng	0.00
7) Phenol-d6	7.31	99	356701	71.78	ng	0.00
23) Nitrobenzene-d5	9.32	82	197948	45.03	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	178102	68.68	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	499544	36.48	ng	0.00
78) Terphenyl-d14	20.10	244	860677	36.34	ng	0.00
Target Compounds						
10) Phenol	7.34	94	16232	3.030	ng	91
49) Dimethylphthalate	14.21	163	106953	6.825	ng	99

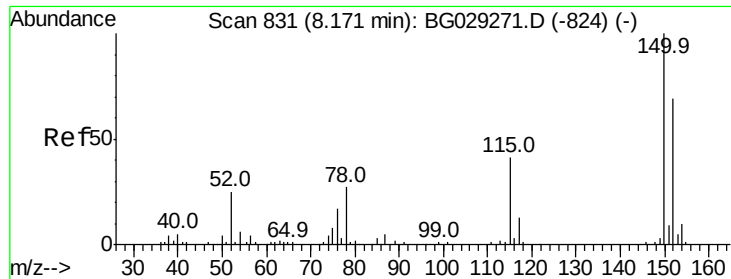
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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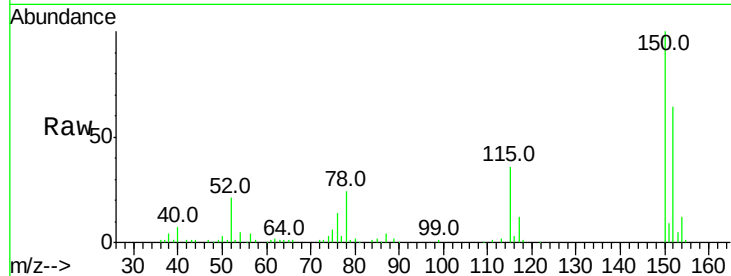


#1

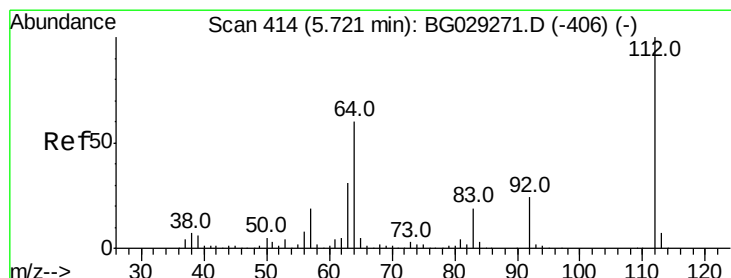
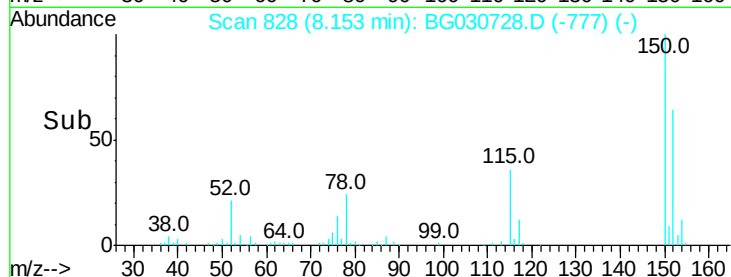
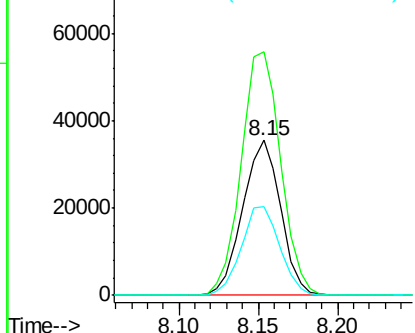
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG030728.D
Acq: 4 Nov 2017 9:52

Instrument :
BNA_G
ClientSampleId :
RLF-SD-1

Tot Ion:152 Resp: 59142
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 57.3 53.0 79.4



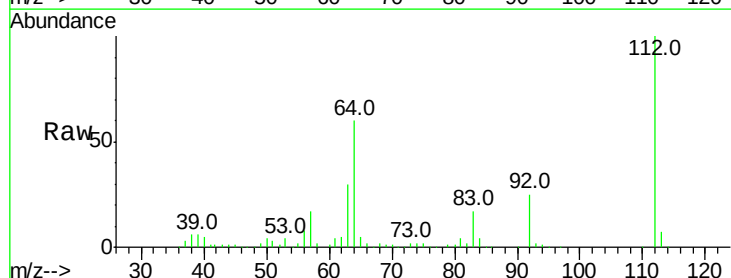
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



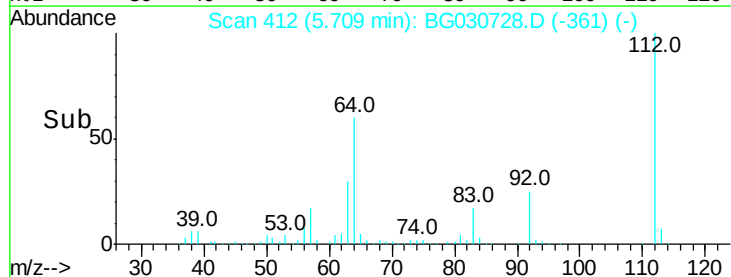
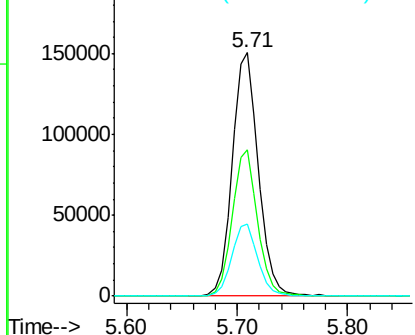
#5

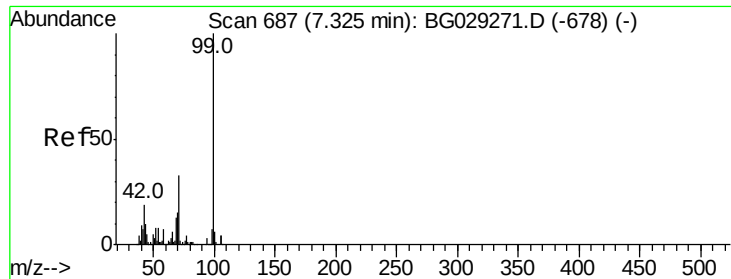
2-Fluorophenol
Concen: 70.405 ng
RT: 5.71 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG030728.D
Acq: 4 Nov 2017 9:52

Tgt Ion:112 Resp: 249252
Ion Ratio Lower Upper
112 100
64 59.9 56.3 84.5
63 29.5 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 71.781 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

Instrument :

BNA_G

ClientSampled :

RLF-SD-1

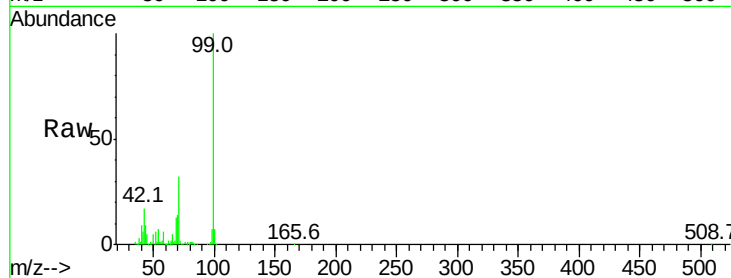
Tot Ion: 99 Resp: 356701

Ion Ratio Lower Upper

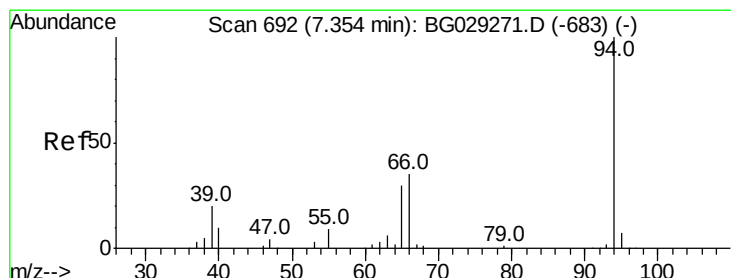
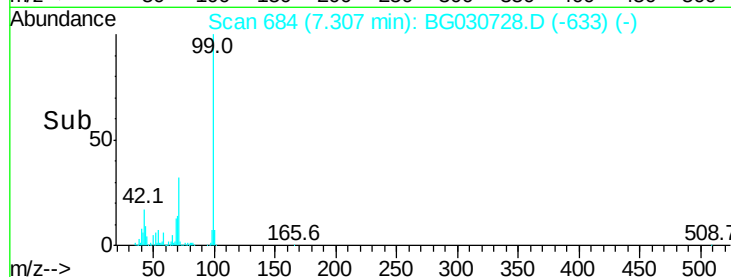
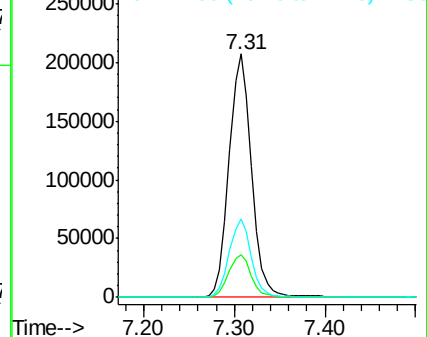
99 100

42 17.4 14.1 21.1

71 32.4 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: 3.030 ng

RT: 7.34 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

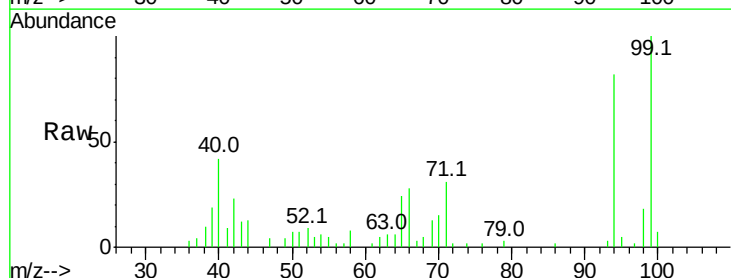
Tgt Ion: 94 Resp: 16232

Ion Ratio Lower Upper

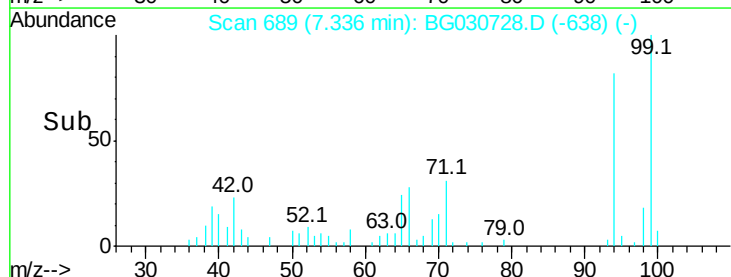
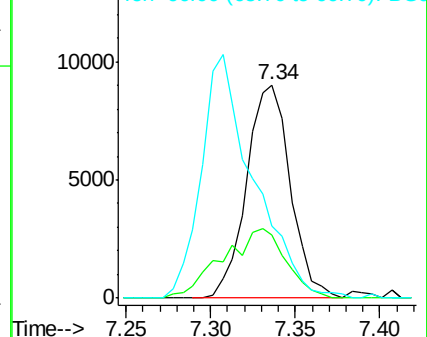
94 100

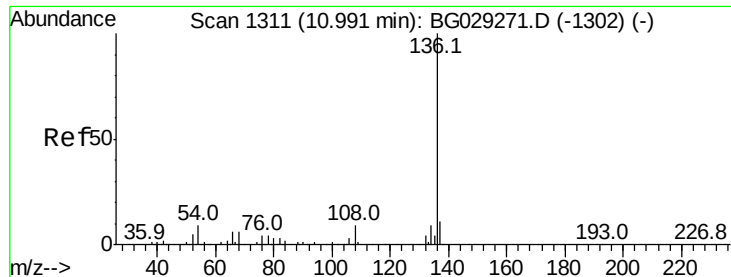
65 29.6 11.9 51.9

66 33.8 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: 10.97 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

Instrument :

BNA_G

ClientSampleId :

RLF-SD-1

Tot Ion:136 Resp: 279378

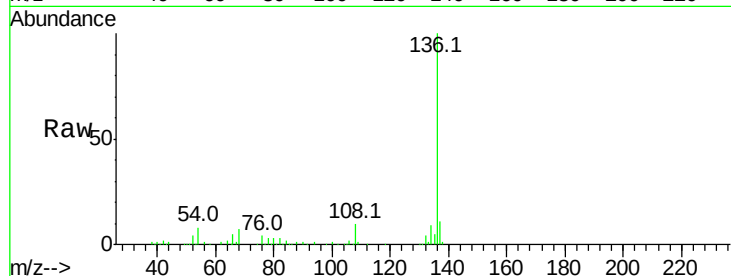
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 8.1 10.3 15.5#

68 6.7 4.5 6.7

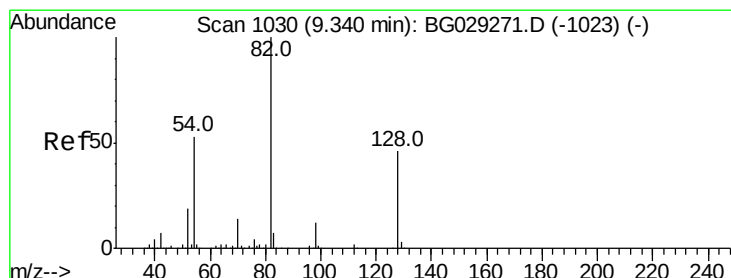
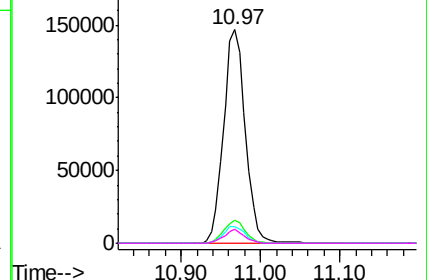
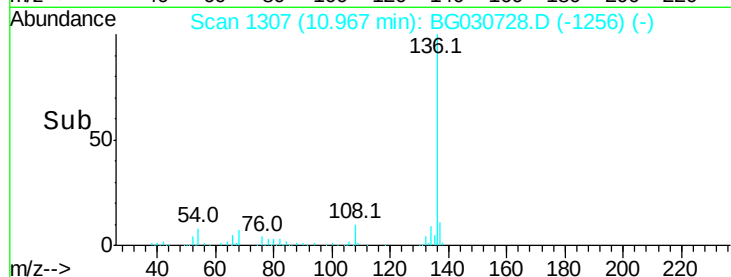


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 45.025 ng

RT: 9.32 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

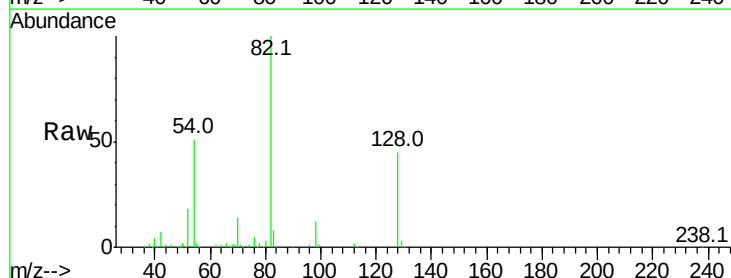
Tgt Ion: 82 Resp: 197948

Ion Ratio Lower Upper

82 100

128 45.2 29.7 44.5#

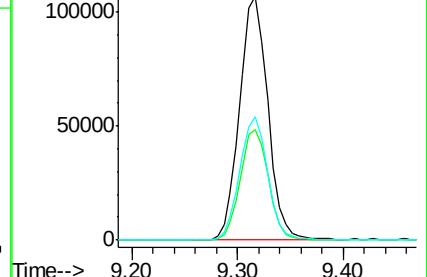
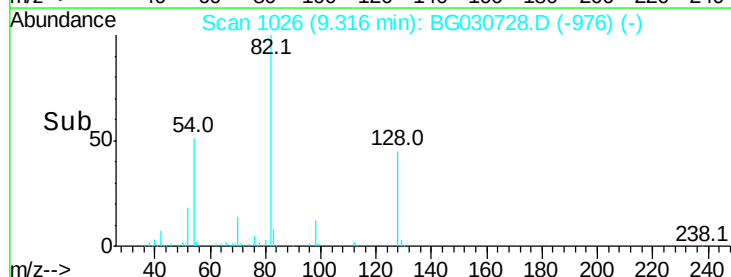
54 50.5 43.1 64.7

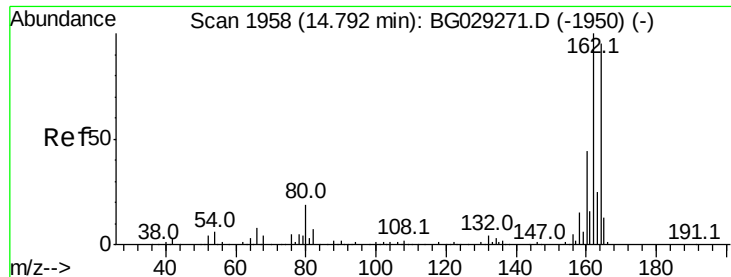


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

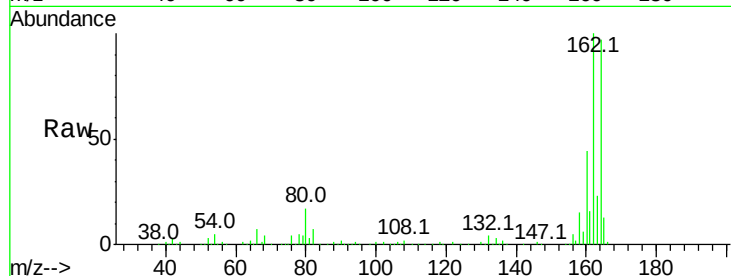




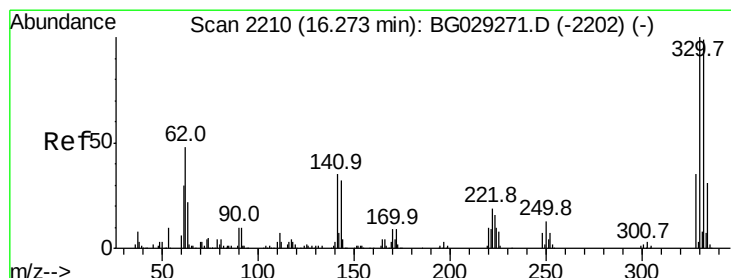
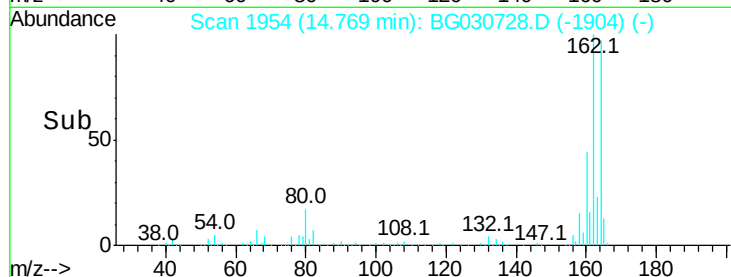
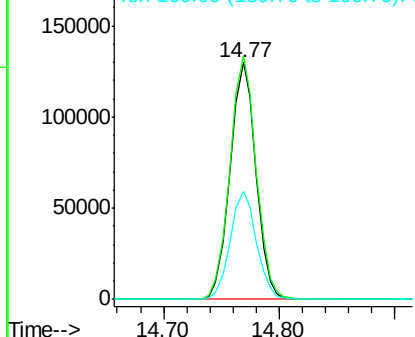
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG030728.D
Acq: 4 Nov 2017 9:52

Instrument :
BNA_G
ClientSampleId :
RLF-SD-1

Tot Ion:164 Resp: 200863
Ion Ratio Lower Upper
164 100
162 102.9 78.8 118.2
160 45.4 35.4 53.0

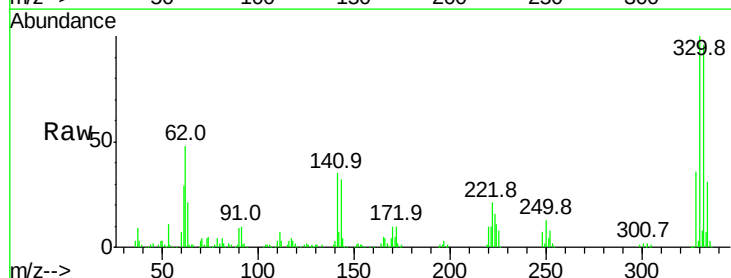


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

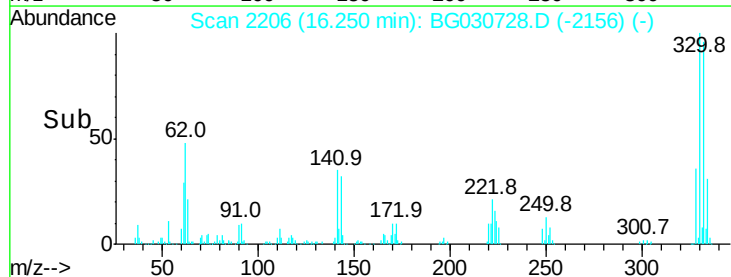
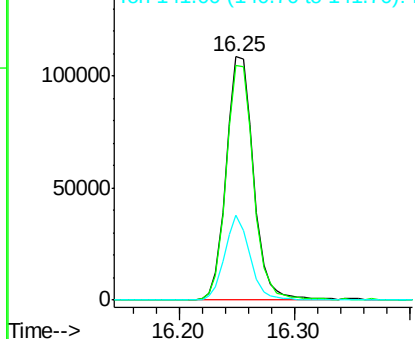


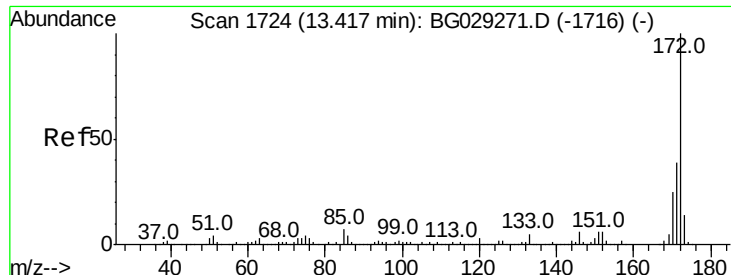
#41
2,4,6-Tribromophenol
Concen: 68.677 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG030728.D
Acq: 4 Nov 2017 9:52

Tgt Ion:330 Resp: 178102
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 32.2 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

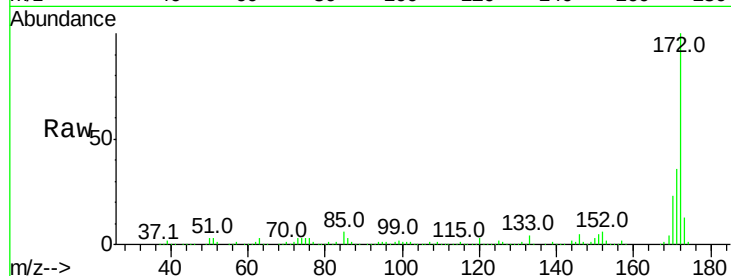




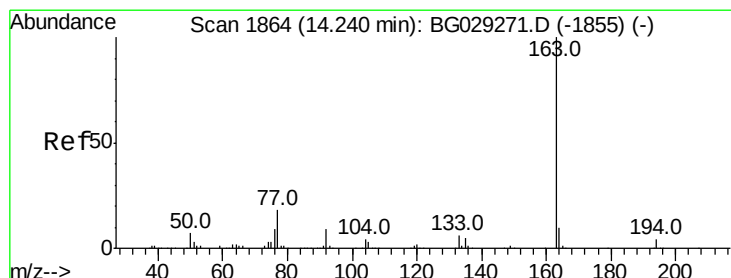
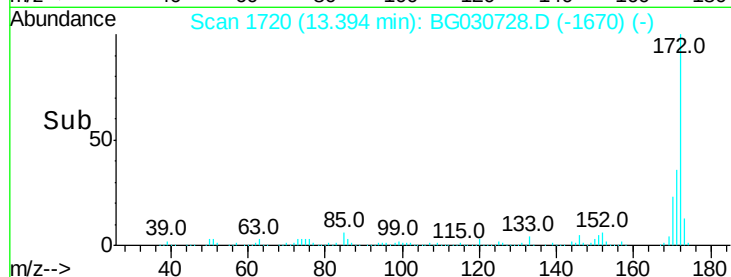
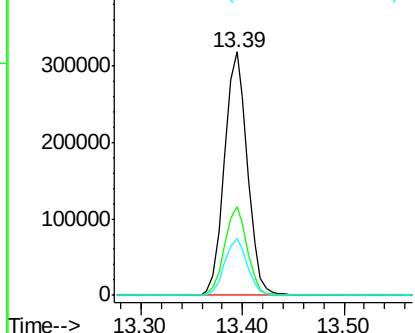
#44
2-Fluorobiphenyl
Concen: 36.476 ng
RT: 13.39 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BG030728.D
Acq: 4 Nov 2017 9:52

Instrument :
BNA_G
ClientSampleId :
RLF-SD-1

Tot Ion:172 Resp: 499544
Ion Ratio Lower Upper
172 100
171 36.5 30.0 45.0
170 23.4 19.5 29.3

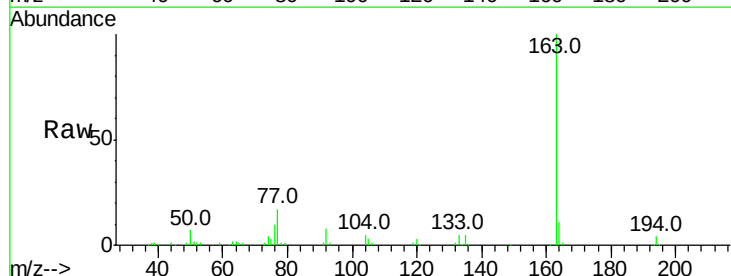


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

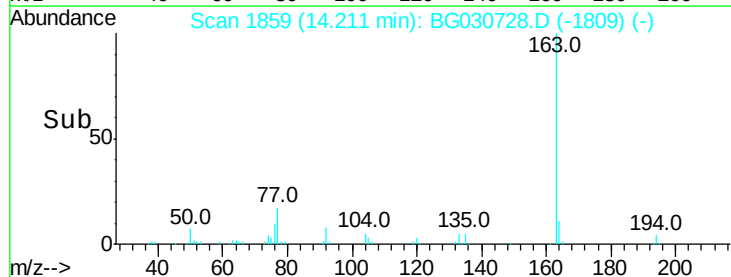
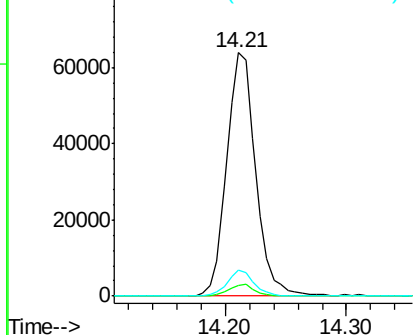


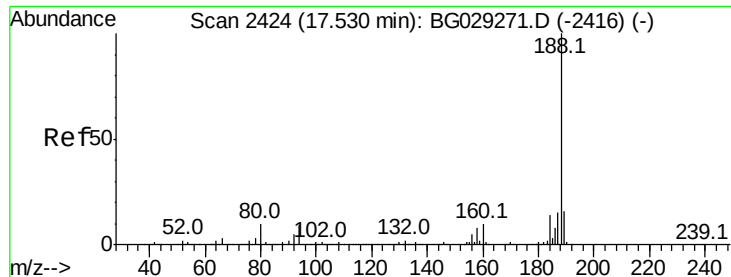
#49
Dimethylphthalate
Concen: 6.825 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG030728.D
Acq: 4 Nov 2017 9:52

Tgt Ion:163 Resp: 106953
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

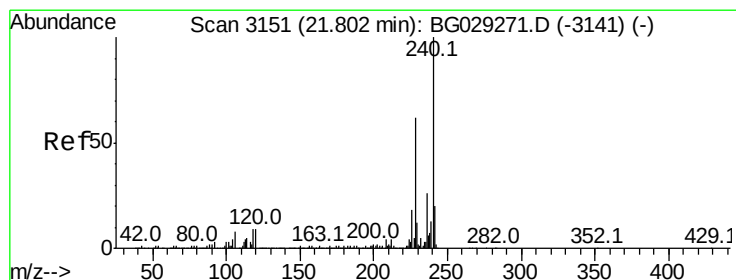
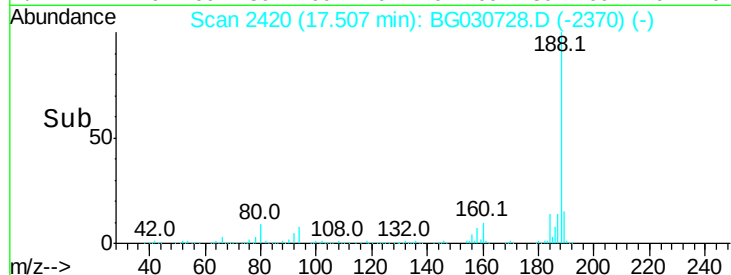
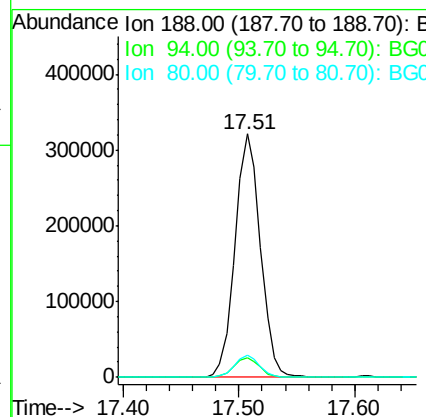
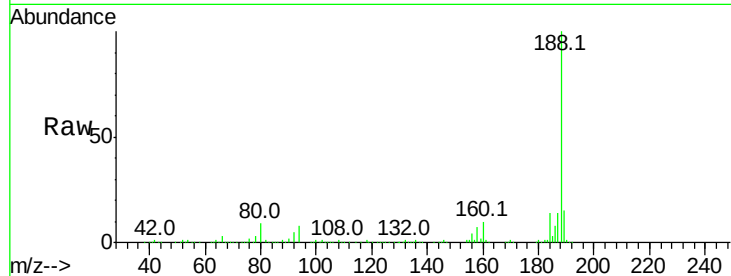




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG030728.D
 Acq: 4 Nov 2017 9:52

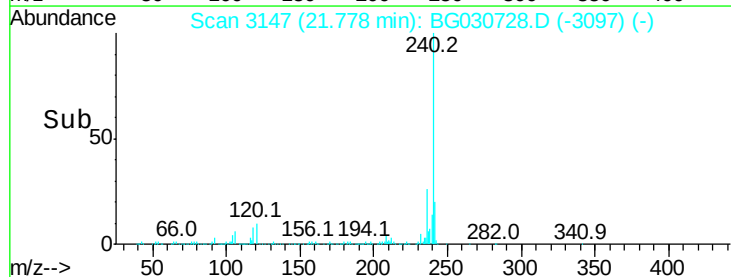
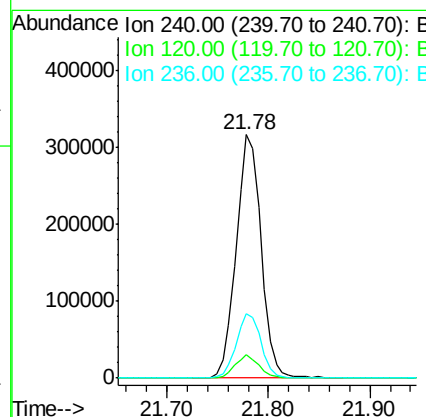
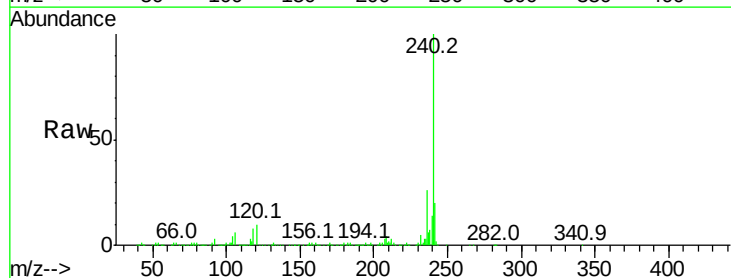
Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-1

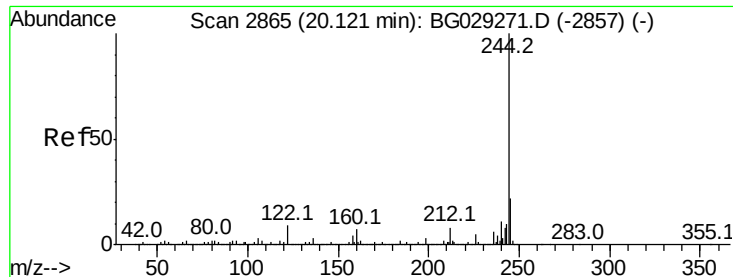
Tot Ion:188 Resp: 488265
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.9 10.3
 80 8.9 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG030728.D
 Acq: 4 Nov 2017 9:52

Tgt Ion:240 Resp: 538778
 Ion Ratio Lower Upper
 240 100
 120 9.7 6.8 10.2
 236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 36.341 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

Instrument :

BNA_G

ClientSampleId :

RLF-SD-1

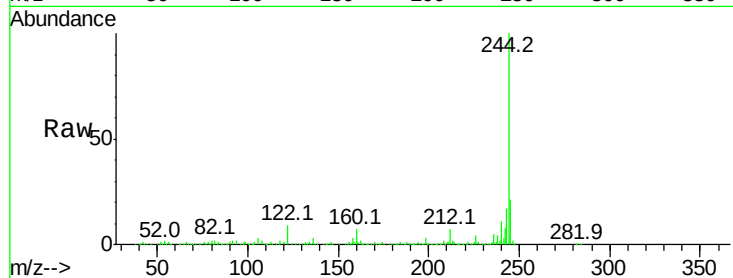
Tot Ion:244 Resp: 860677

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

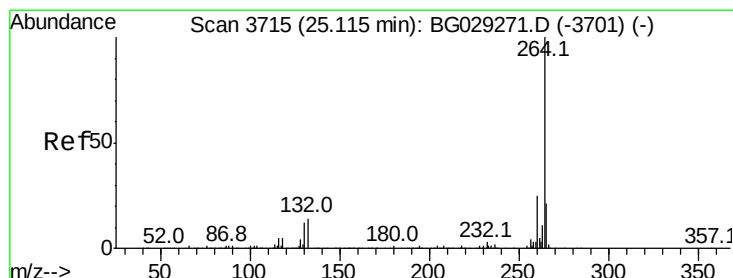
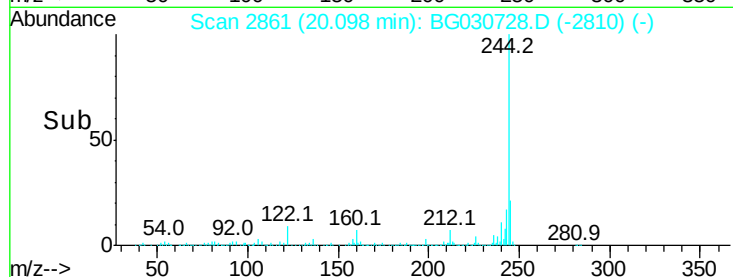
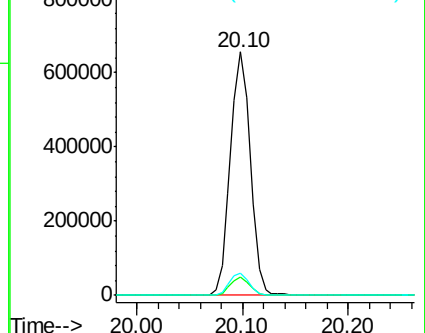
122 9.3 7.0 10.4



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: 25.09 min Scan# 3711

Delta R.T. 0.00 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

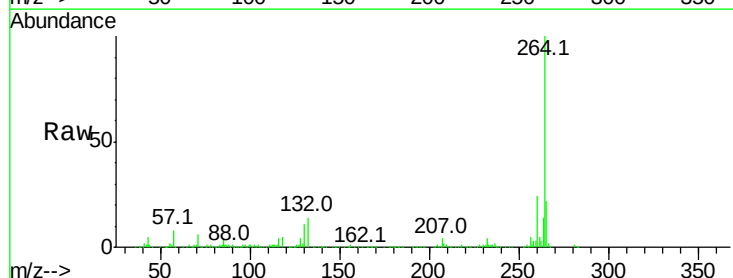
Tgt Ion:264 Resp: 557179

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.5 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

