

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030727.D
 Acq On : 4 Nov 2017 9:15
 Operator : SJ/JU
 Sample : I6157-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-5

Quant Time: Nov 06 00:06:54 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

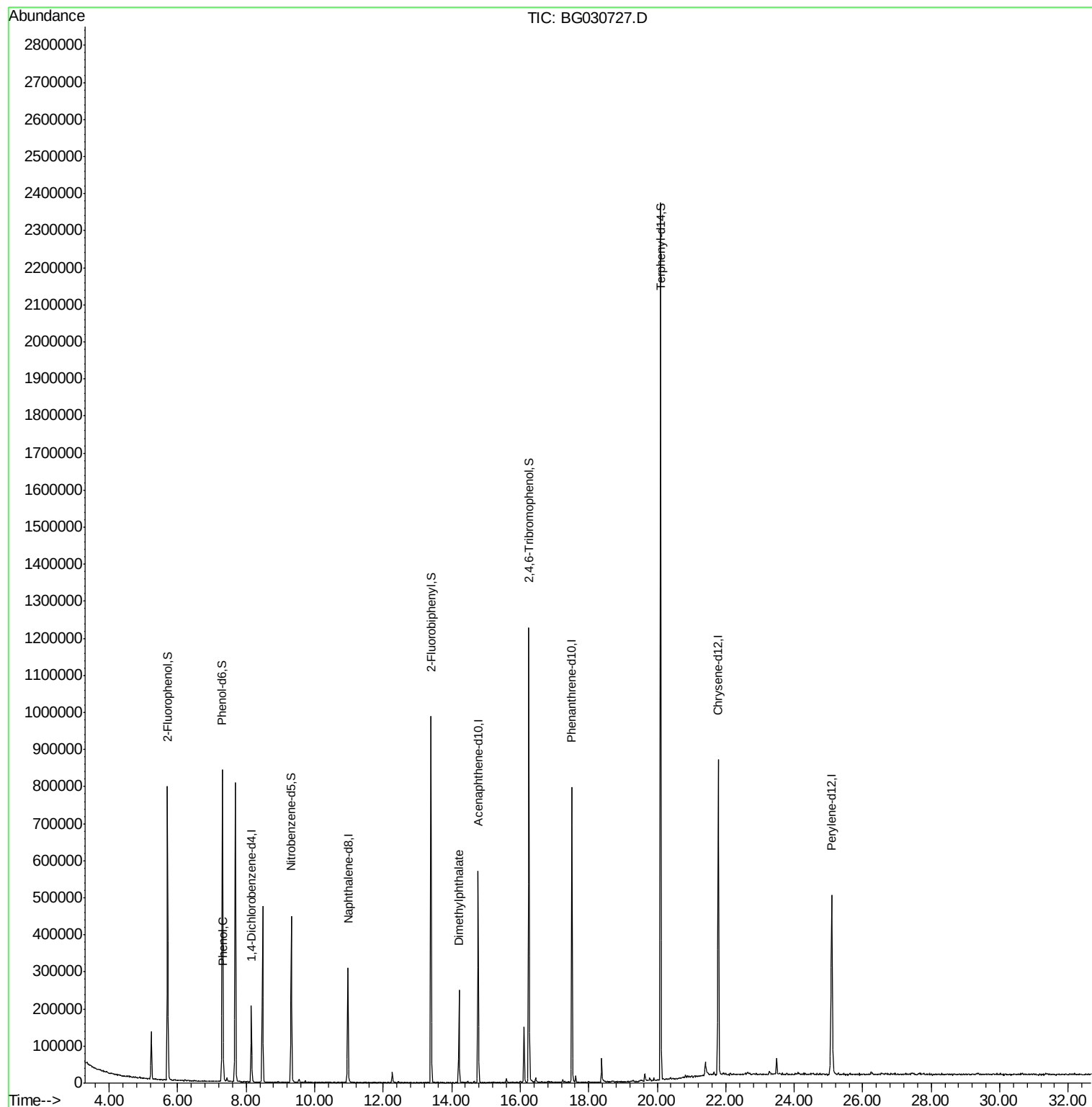
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	60579	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	284426	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	201651	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	492765	20.00	ng	0.00
75) Chrysene-d12	21.79	240	538619	20.00	ng	0.00
86) Perylene-d12	25.10	264	544165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	378323	104.33	ng	0.00
7) Phenol-d6	7.30	99	520138	102.19	ng	0.00
23) Nitrobenzene-d5	9.31	82	280240	62.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	255375	98.09	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	547069	39.79	ng	0.00
78) Terphenyl-d14	20.10	244	1119815	47.30	ng	0.00
Target Compounds						
10) Phenol	7.33	94	26164	4.768	ng	91
49) Dimethylphthalate	14.21	163	182052	11.571	ng	# 98

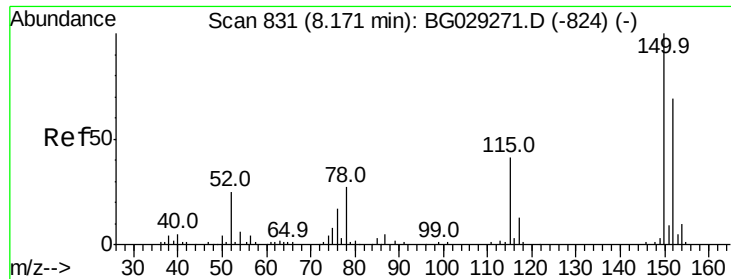
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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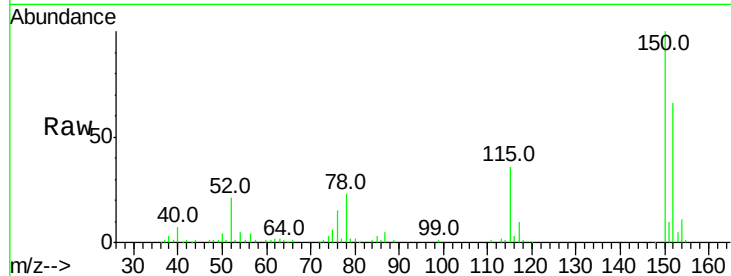


#1

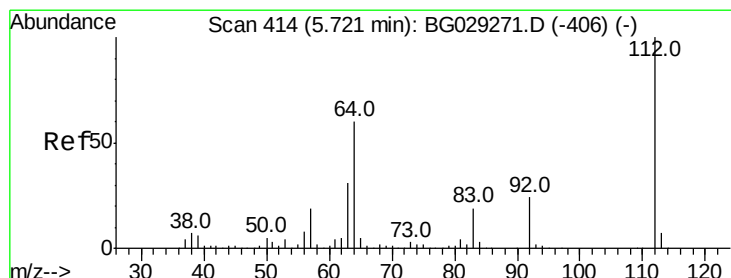
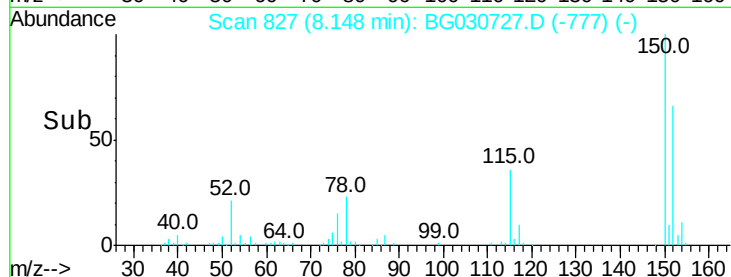
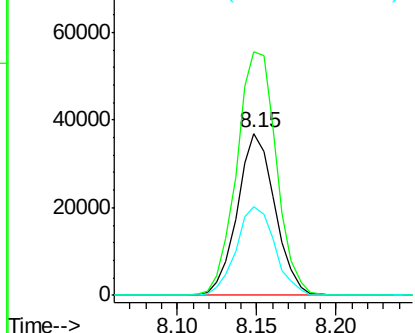
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG030727.D
Acq: 4 Nov 2017 9:15

Instrument :
BNA_G
ClientSampleId :
RLF-SD-5

Tot Ion:152 Resp: 60579
Ion Ratio Lower Upper
152 100
150 150.5 126.6 189.8
115 54.7 53.0 79.4



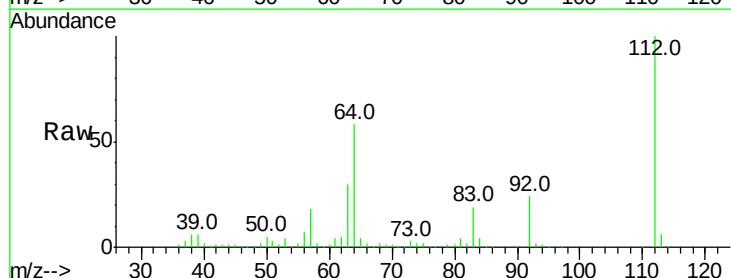
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



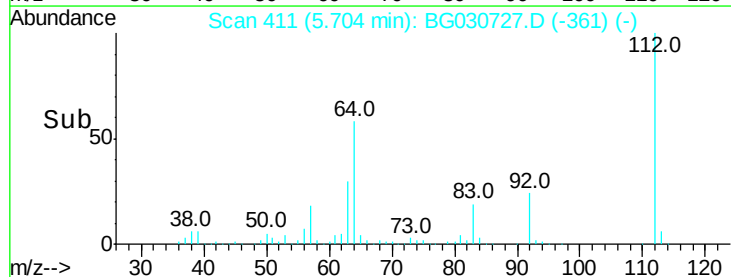
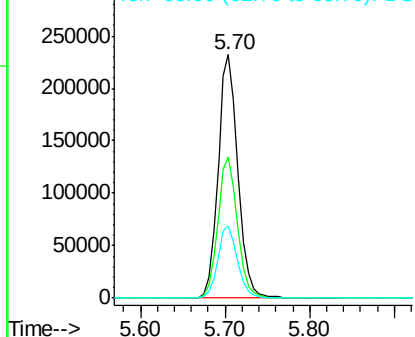
#5

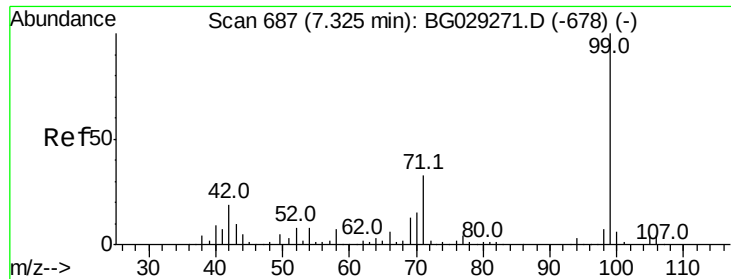
2-Fluorophenol
Concen: 104.328 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030727.D
Acq: 4 Nov 2017 9:15

Tgt Ion:112 Resp: 378323
Ion Ratio Lower Upper
112 100
64 57.8 56.3 84.5
63 29.7 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: 102.187 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG030727.D

Acq: 4 Nov 2017 9:15

Instrument :

BNA_G

ClientSampleId :

RLF-SD-5

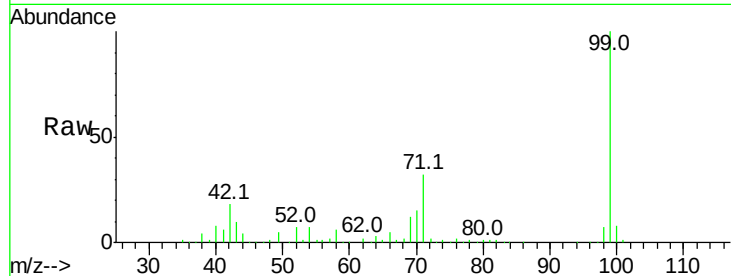
Tot Ion: 99 Resp: 520138

Ion Ratio Lower Upper

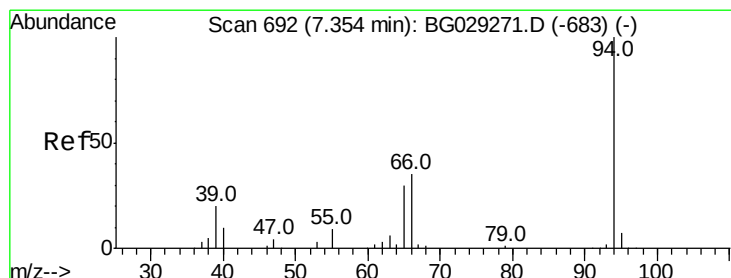
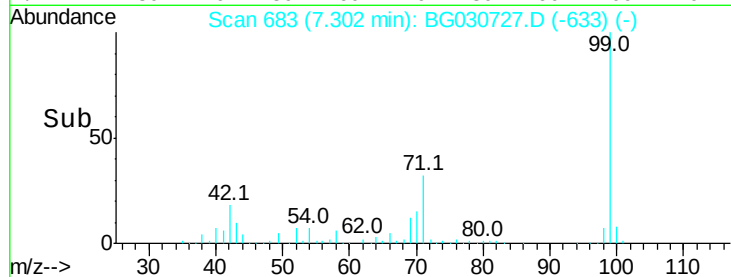
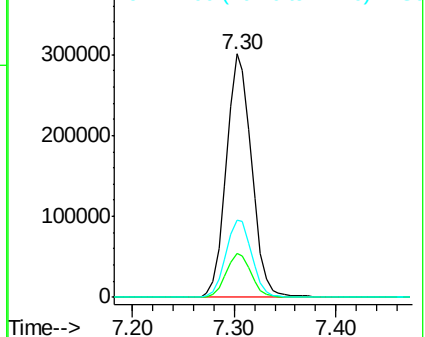
99 100

42 18.1 14.1 21.1

71 31.6 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: 4.768 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG030727.D

Acq: 4 Nov 2017 9:15

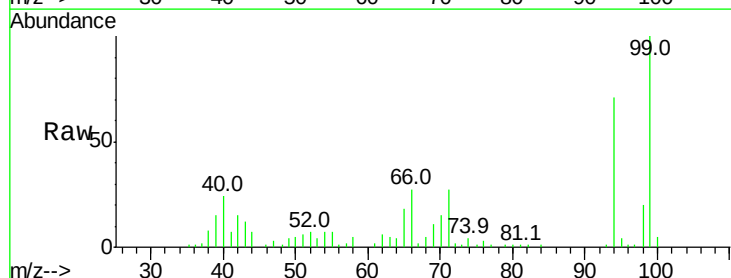
Tgt Ion: 94 Resp: 26164

Ion Ratio Lower Upper

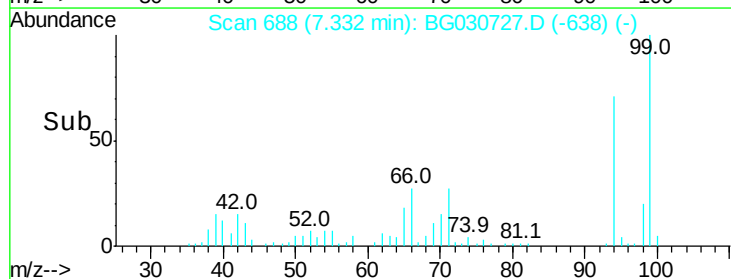
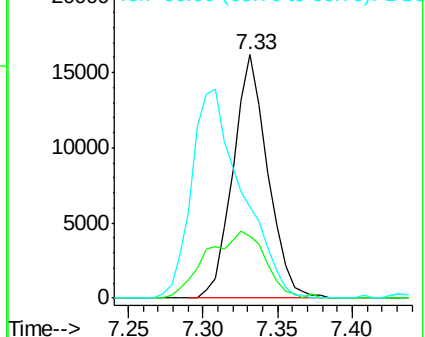
94 100

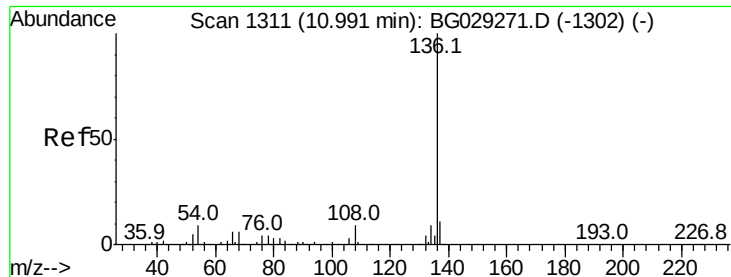
65 25.5 11.9 51.9

66 37.3 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

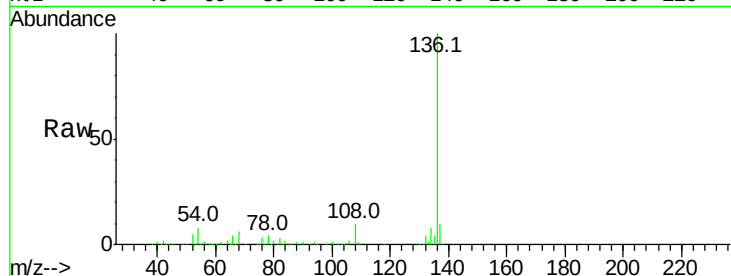




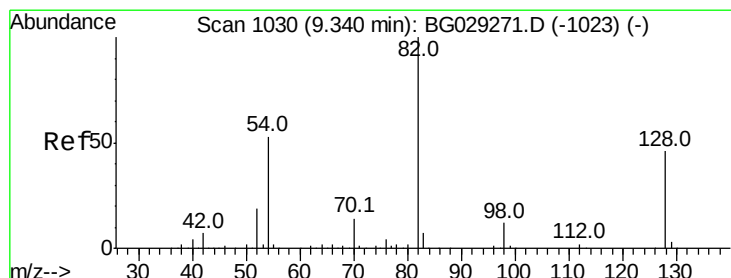
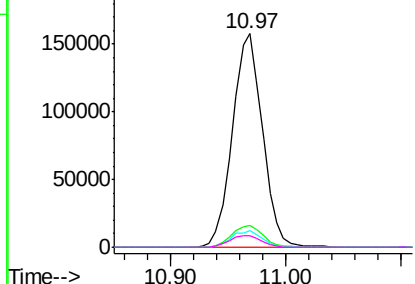
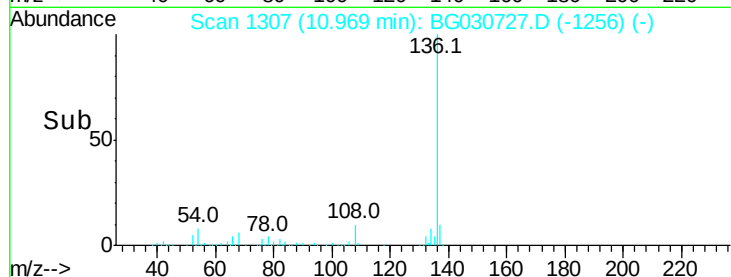
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG030727.D
Acq: 4 Nov 2017 9:15

Instrument :
BNA_G
ClientSampleId :
RLF-SD-5

Tot Ion:136	Resp:	284426
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.2 13.8
54	7.6	10.3 15.5#
68	5.5	4.5 6.7

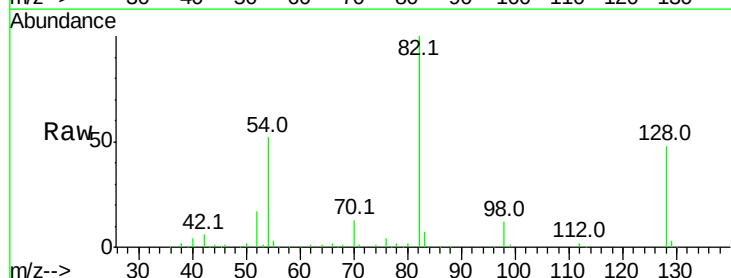


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

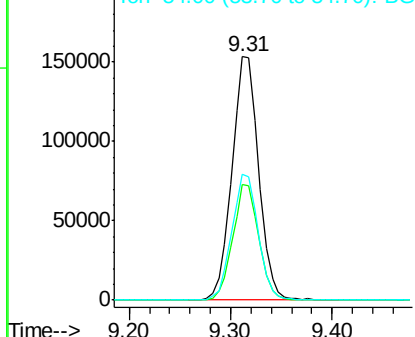
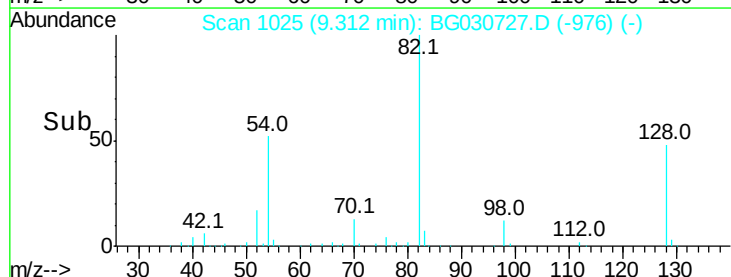


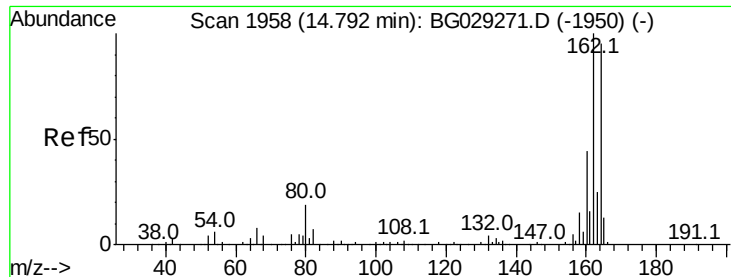
#23
Nitrobenzene-d5
Concen: 62.612 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030727.D
Acq: 4 Nov 2017 9:15

Tgt Ion: 82	Resp:	280240
Ion Ratio	Lower	Upper
82	100	
128	47.6	29.7 44.5#
54	51.7	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. -0.00 min

Lab File: BG030727.D

Acq: 4 Nov 2017 9:15

Instrument :

BNA_G

ClientSampleId :

RLF-SD-5

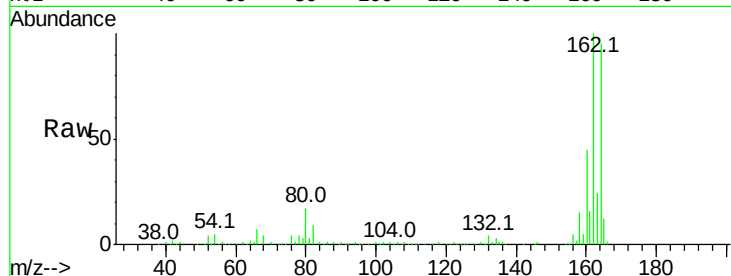
Tot Ion:164 Resp: 201651

Ion Ratio Lower Upper

164 100

162 105.7 78.8 118.2

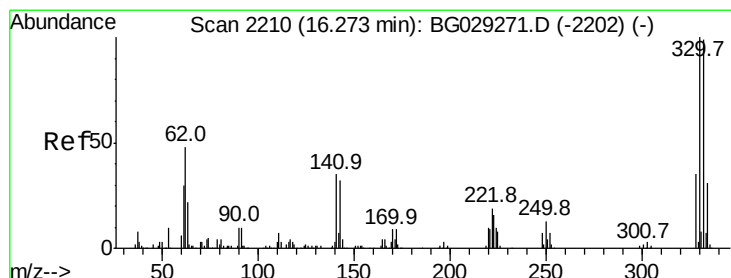
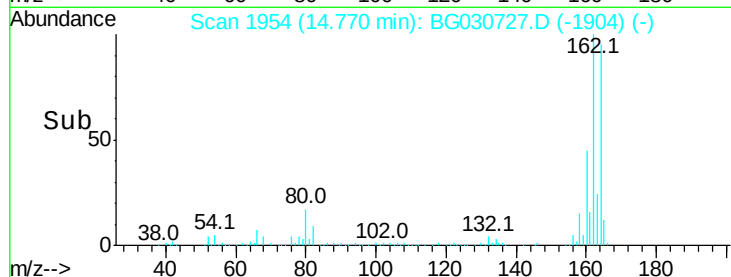
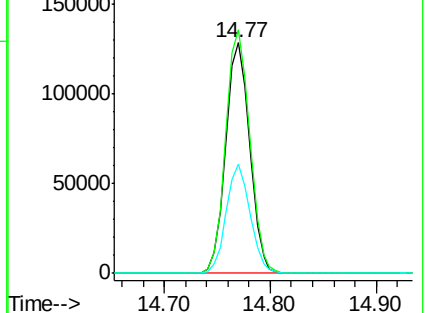
160 47.2 35.4 53.0



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: 98.088 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG030727.D

Acq: 4 Nov 2017 9:15

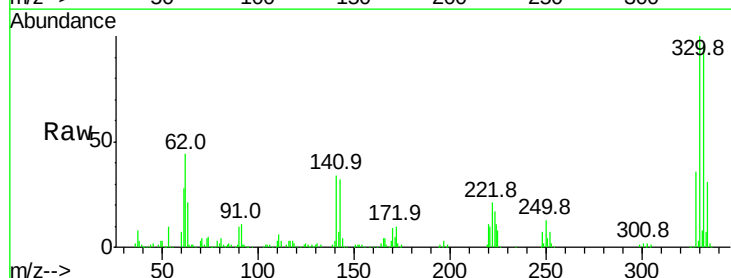
Tgt Ion:330 Resp: 255375

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

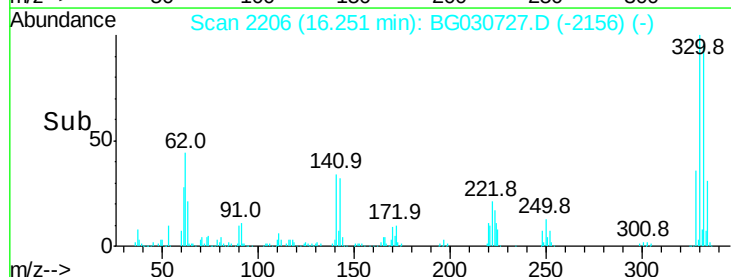
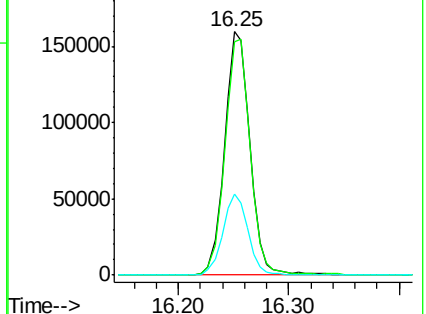
141 33.0 25.2 37.8

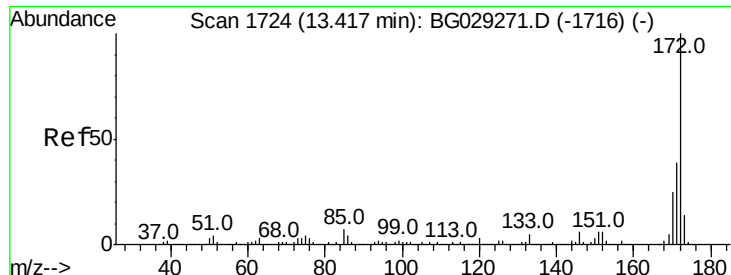


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

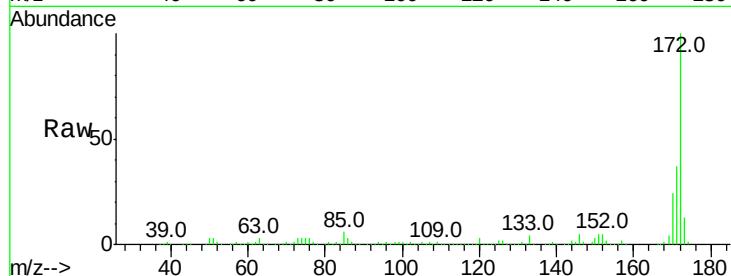




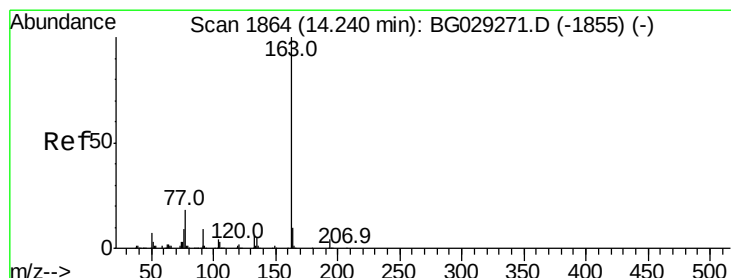
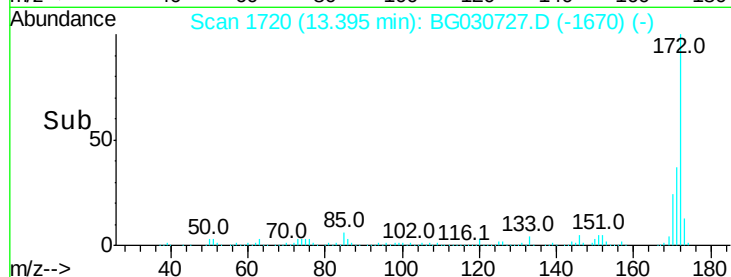
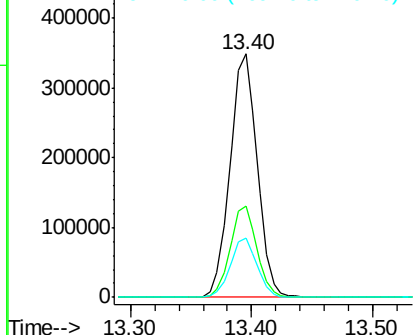
#44
 2-Fluorobiphenyl
 Concen: 39.790 ng
 RT: 13.40 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG030727.D
 Acq: 4 Nov 2017 9:15

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-5

Tot Ion:172 Resp: 547069
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 24.4 19.5 29.3

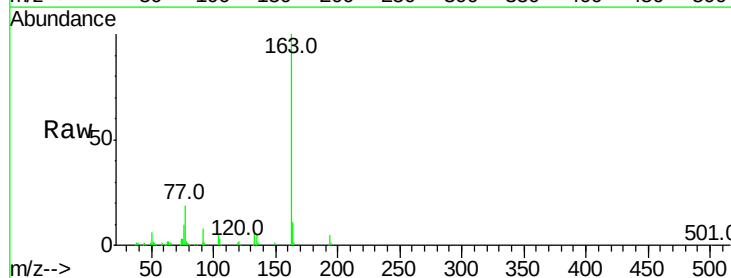


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

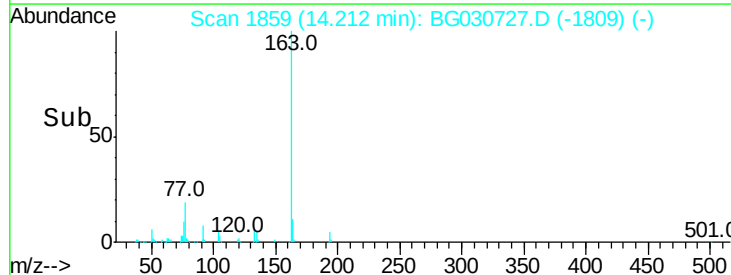
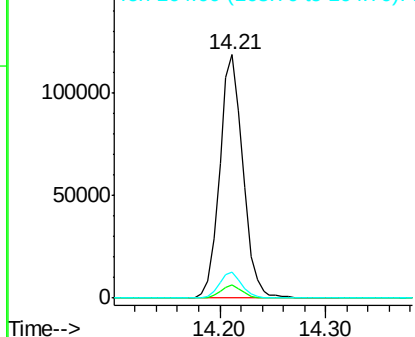


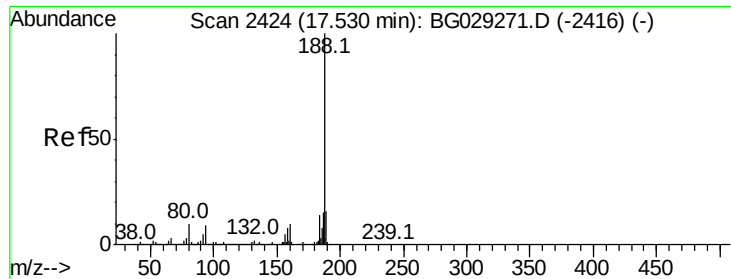
#49
 Dimethylphthalate
 Concen: 11.571 ng
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: BG030727.D
 Acq: 4 Nov 2017 9:15

Tgt Ion:163 Resp: 182052
 Ion Ratio Lower Upper
 163 100
 194 5.2 3.4 5.2#
 164 10.9 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

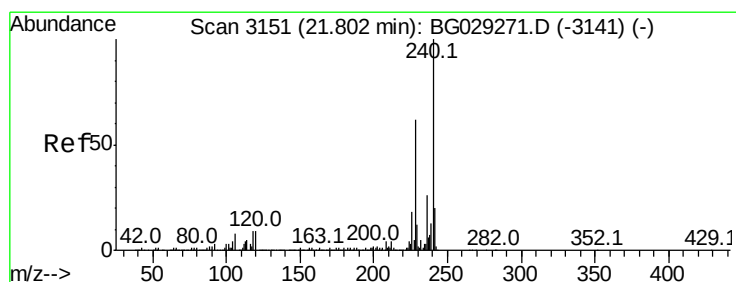
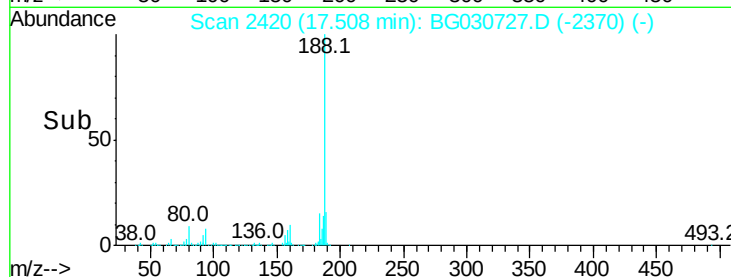
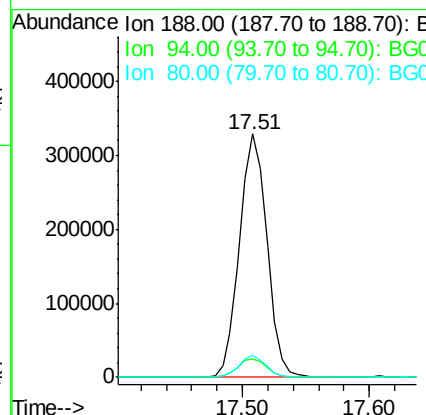
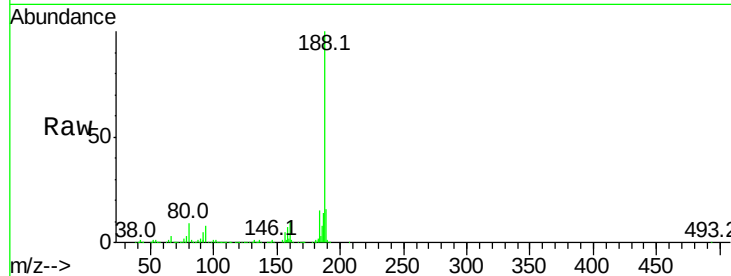




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG030727.D
Acq: 4 Nov 2017 9:15

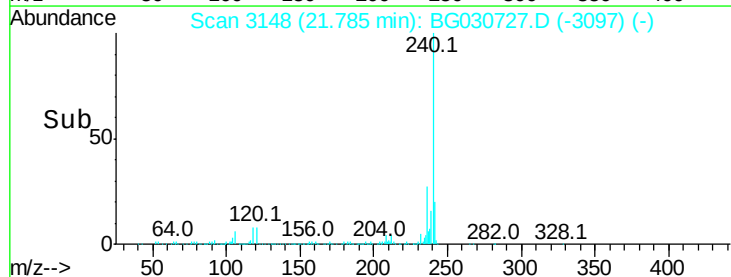
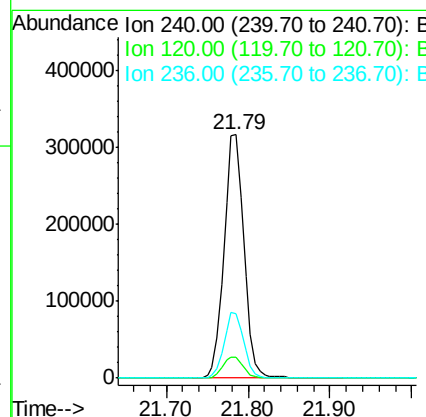
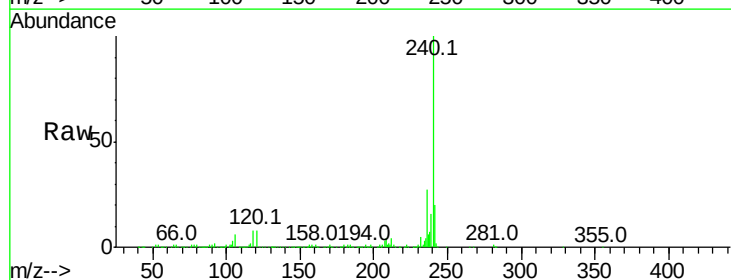
Instrument :
BNA_G
ClientSampleId :
RLF-SD-5

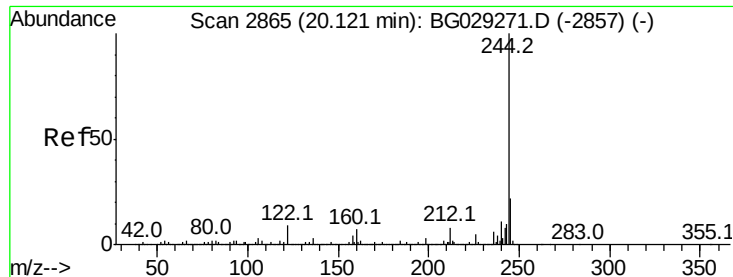
Tot Ion:188 Resp: 492765
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 9.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG030727.D
Acq: 4 Nov 2017 9:15

Tgt Ion:240 Resp: 538619
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 47.297 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG030727.D

Acq: 4 Nov 2017 9:15

Instrument :

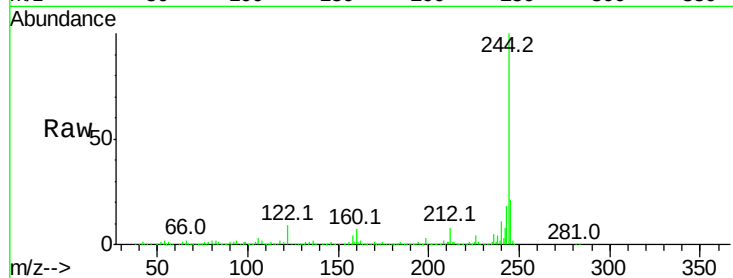
BNA_G

ClientSampled :

RLF-SD-5

Tot Ion:244 Resp: 1119815

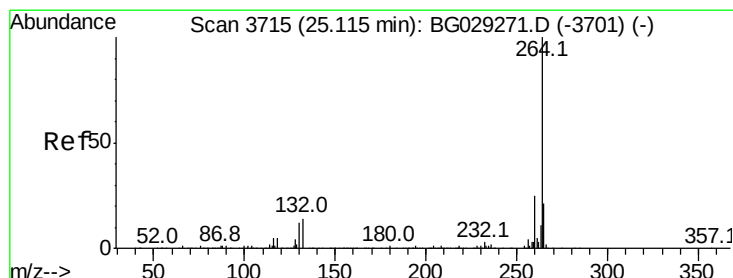
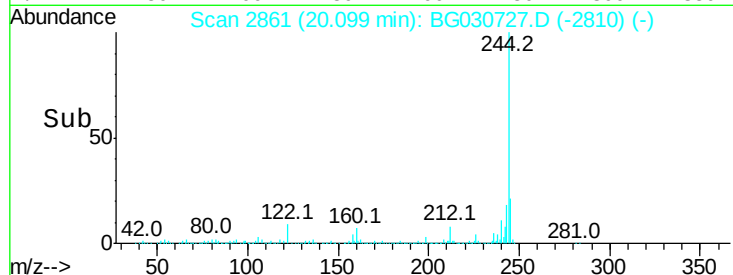
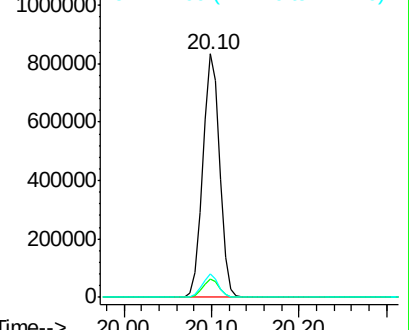
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.4	7.0	10.4



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: 25.10 min Scan# 3712

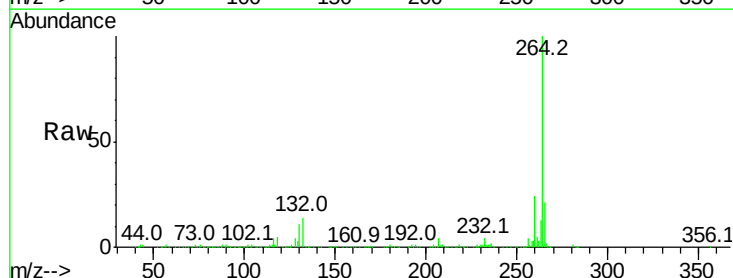
Delta R.T. 0.01 min

Lab File: BG030727.D

Acq: 4 Nov 2017 9:15

Tgt Ion:264 Resp: 544165

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.4	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

