

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031268.D
 Acq On : 29 Nov 2017 1:29
 Operator : SJ/JU
 Sample : I6590-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSC-SB-05

Quant Time: Nov 29 06:25:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

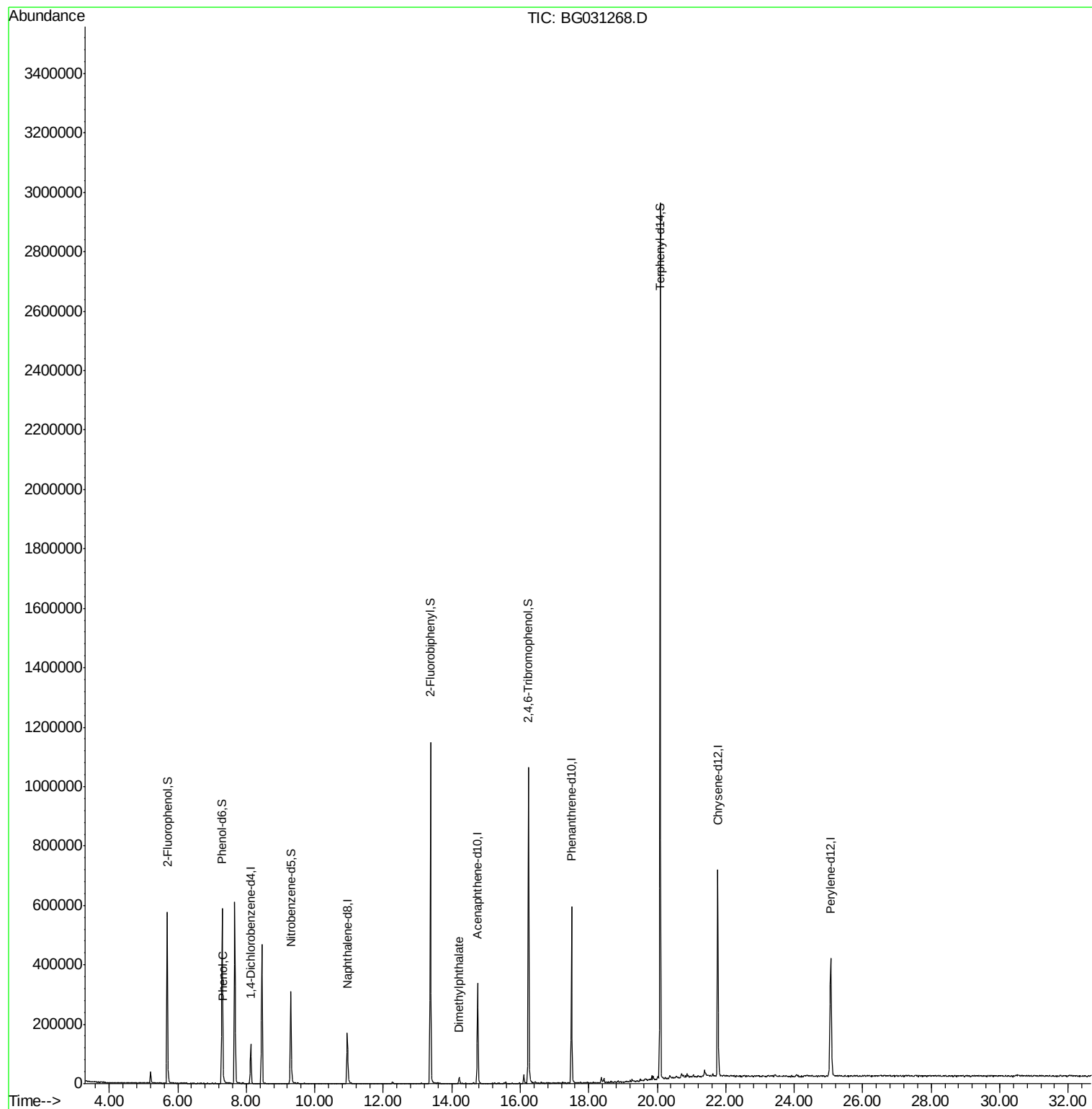
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	42901	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	189400	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	134354	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	400593	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	479245	20.00	ng	-0.02
86) Perylene-d12	25.06	264	461237	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	308367	123.25	ng	-0.02
7) Phenol-d6	7.29	99	393266	116.68	ng	-0.01
23) Nitrobenzene-d5	9.30	82	224402	70.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	224355	103.23	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	683569	73.11	ng	-0.02
78) Terphenyl-d14	20.08	244	1482533	68.31	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	9113	2.603	ng	Qvalue 87
49) Dimethylphthalate	14.22	163	24460	2.106	ng	# 98

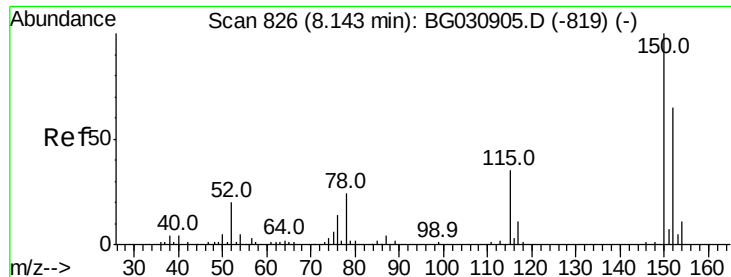
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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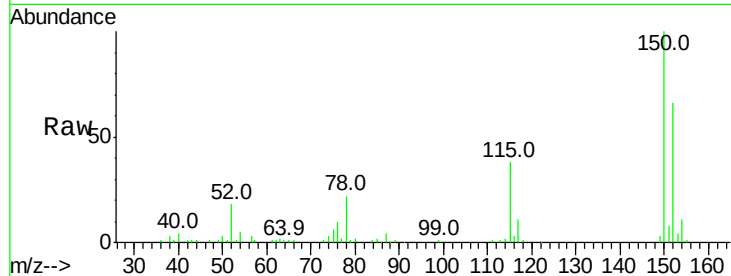


#1

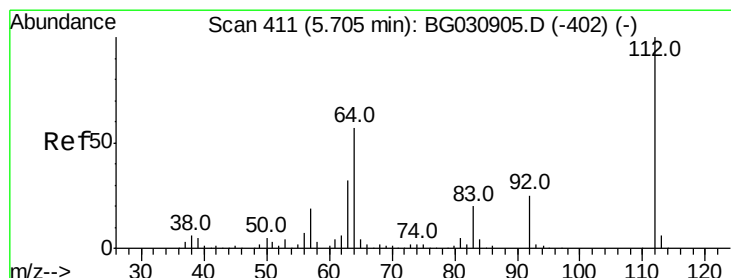
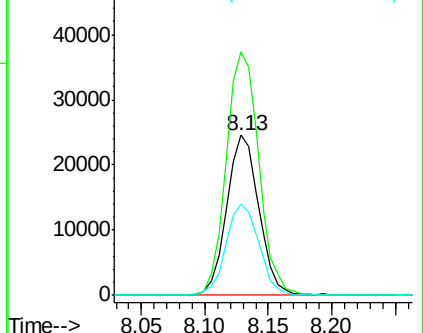
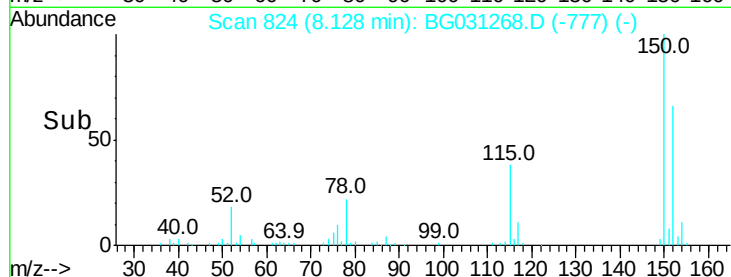
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031268.D
Acq: 29 Nov 2017 1:29

Instrument :
BNA_G
ClientSampleId :
BSC-SB-05

Tot Ion:152 Resp: 42901
Ion Ratio Lower Upper
152 100
150 152.3 126.6 189.8
115 57.4 53.0 79.4



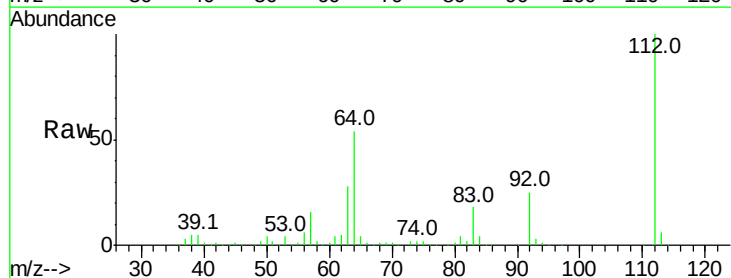
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



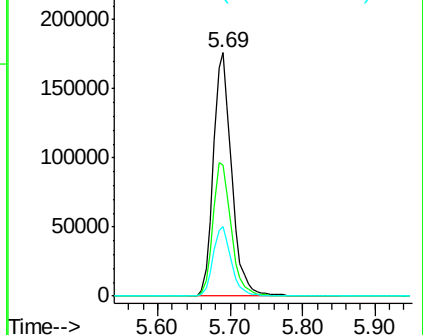
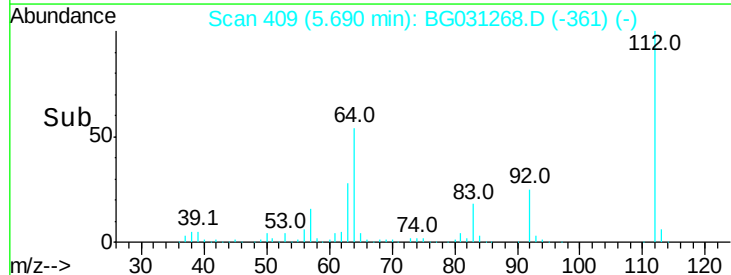
#5

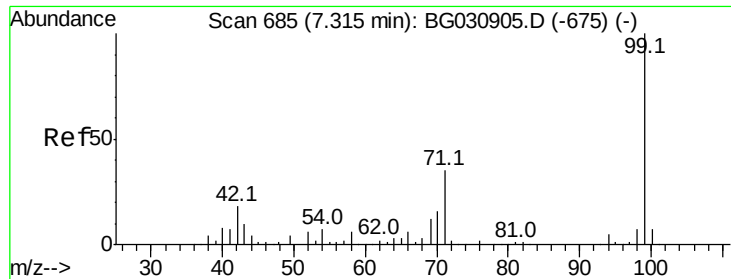
2-Fluorophenol
Concen: 123.255 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031268.D
Acq: 29 Nov 2017 1:29

Tgt Ion:112 Resp: 308367
Ion Ratio Lower Upper
112 100
64 53.9 56.3 84.5#
63 28.4 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: 116.677 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

Instrument :

BNA_G

ClientSampleId :

BSC-SB-05

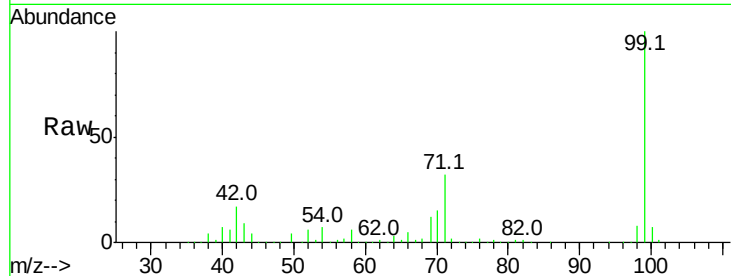
Tot Ion: 99 Resp: 393266

Ion Ratio Lower Upper

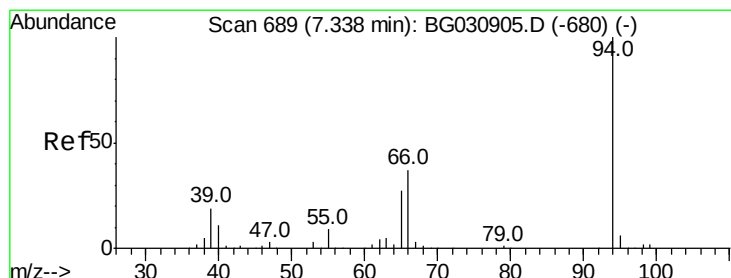
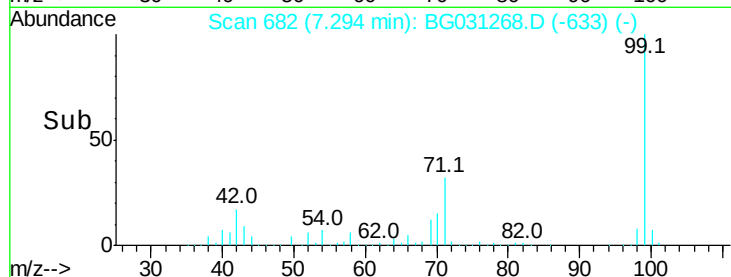
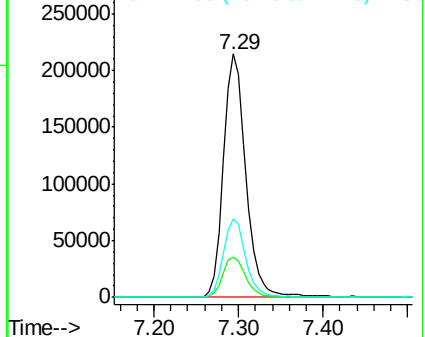
99 100

42 16.6 14.1 21.1

71 32.5 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: 2.603 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

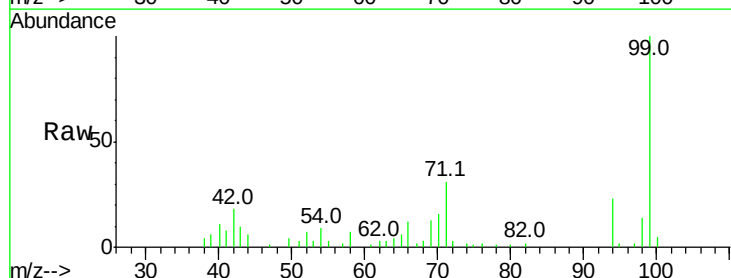
Tgt Ion: 94 Resp: 9113

Ion Ratio Lower Upper

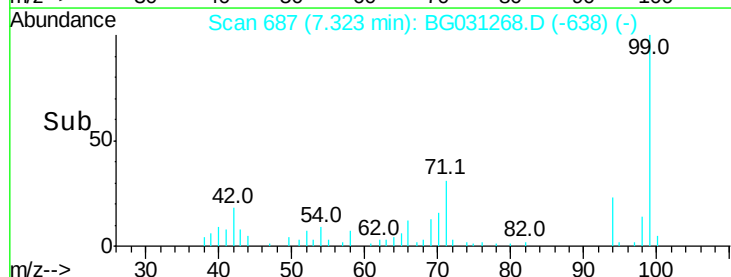
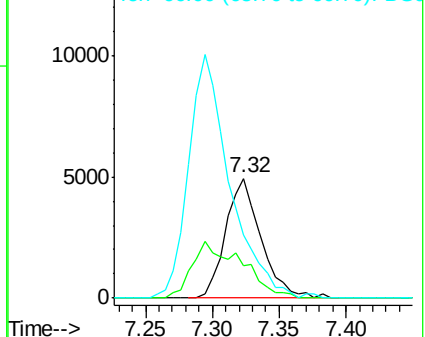
94 100

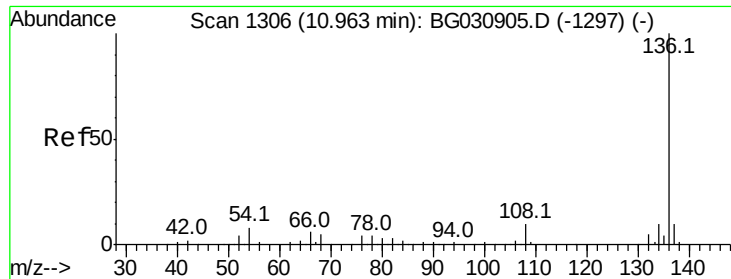
65 27.0 11.9 51.9

66 52.3 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

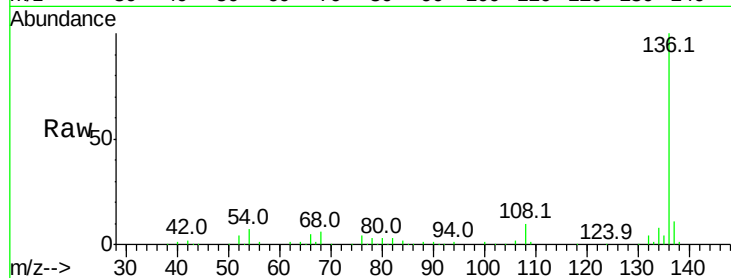




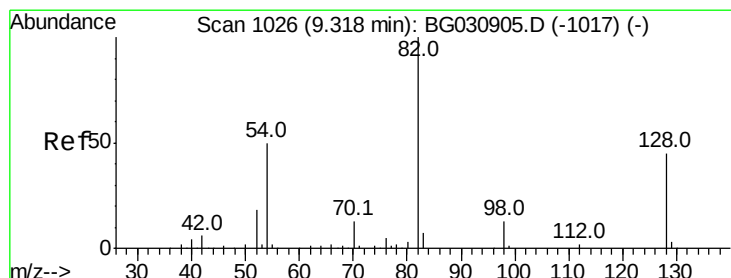
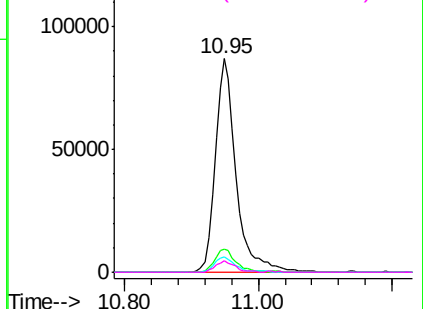
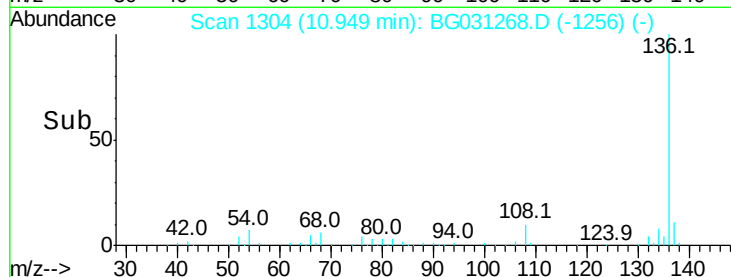
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031268.D
Acq: 29 Nov 2017 1:29

Instrument :
BNA_G
ClientSampleId :
BSC-SB-05

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.2	10.3	15.5#
68	5.6	4.5	6.7

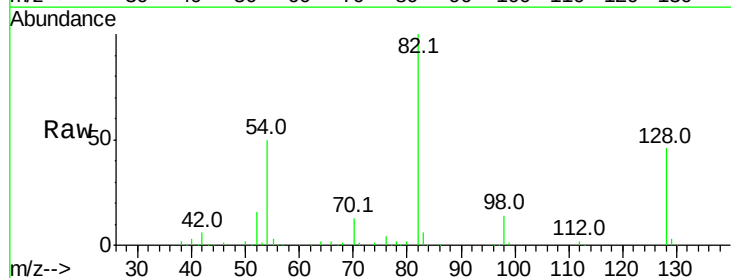


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

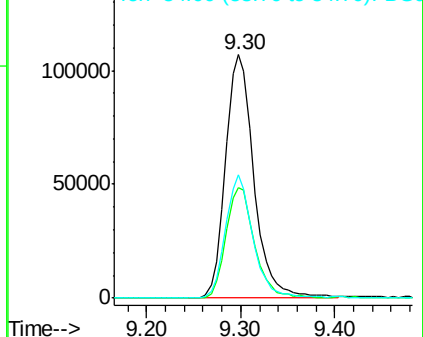
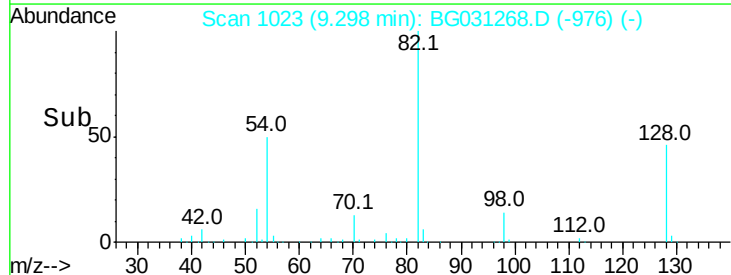


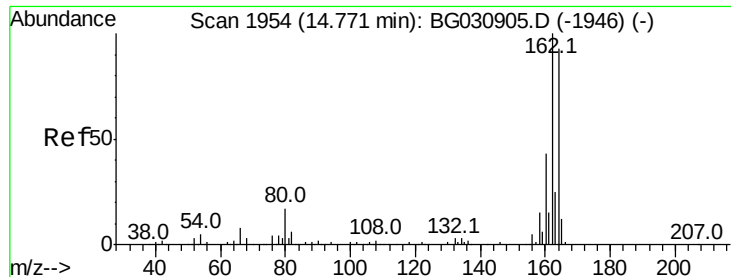
#23
Nitrobenzene-d5
Concen: 70.207 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031268.D
Acq: 29 Nov 2017 1:29

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	29.7	44.5#
54	50.4	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: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

Instrument :

BNA_G

ClientSampleId :

BSC-SB-05

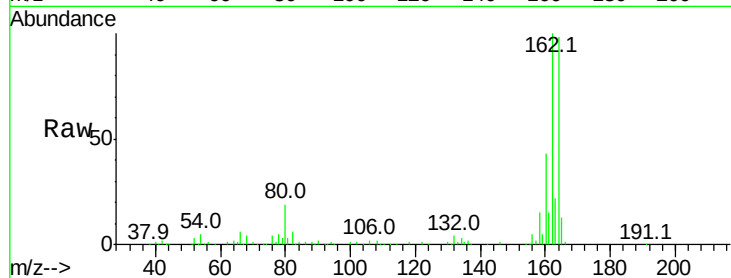
Tot Ion:164 Resp: 134354

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

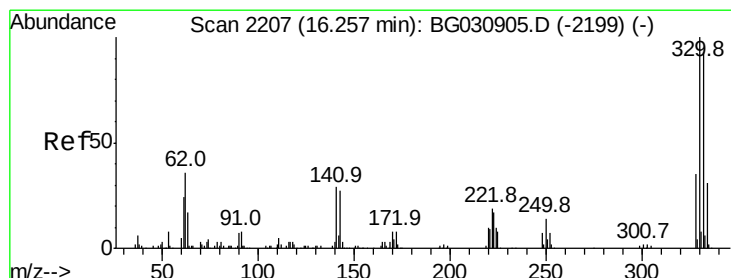
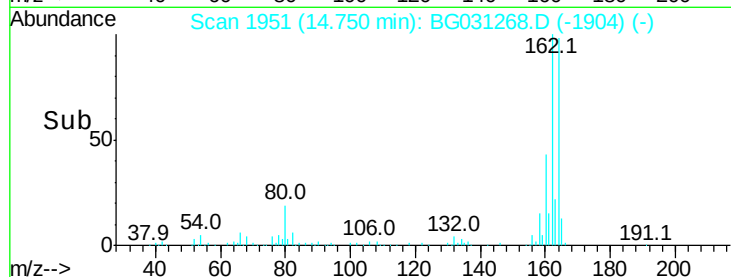
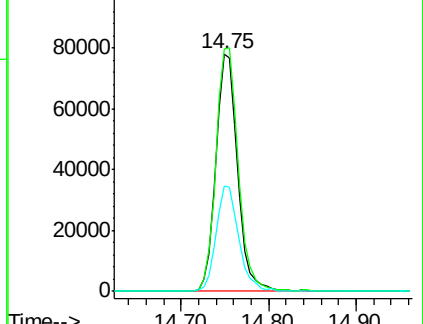
160 44.3 35.4 53.0



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: 103.227 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

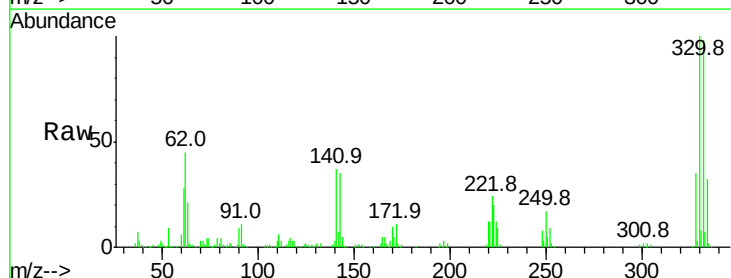
Tgt Ion:330 Resp: 224355

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

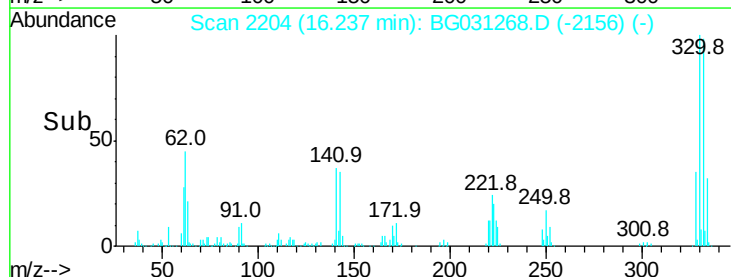
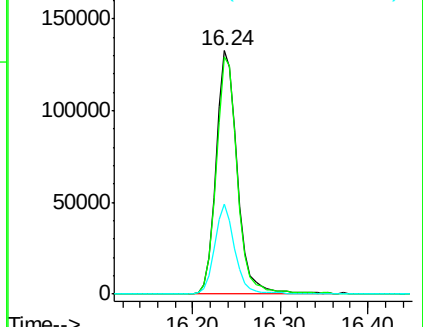
141 34.9 25.2 37.8

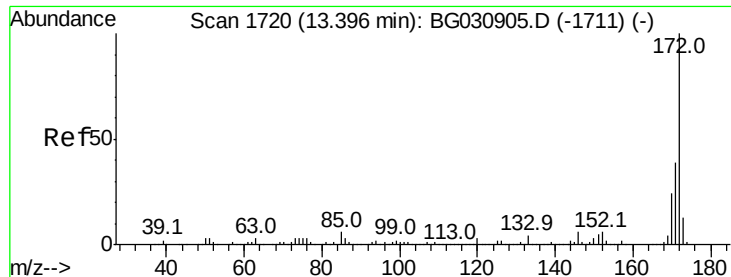


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

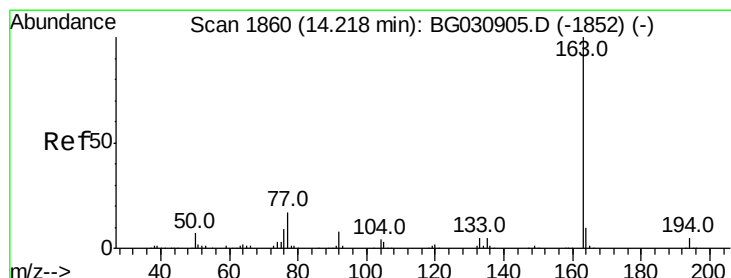
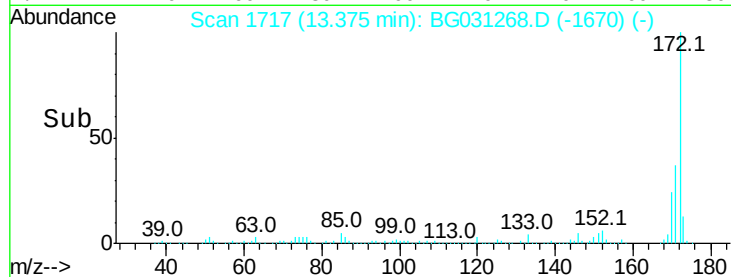
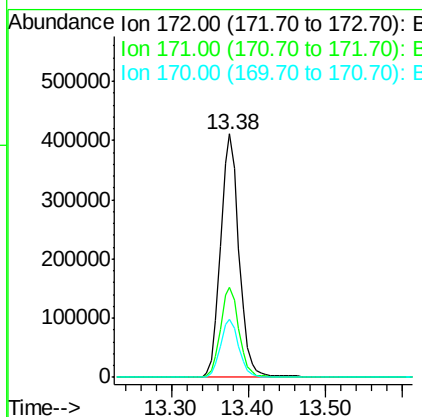
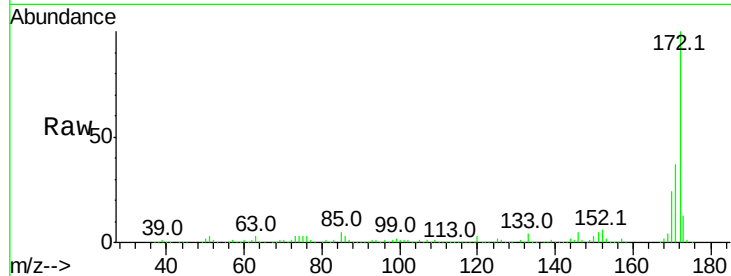




#44
 2-Fluorobiphenyl
 Concen: 73.106 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031268.D
 Acq: 29 Nov 2017 1:29

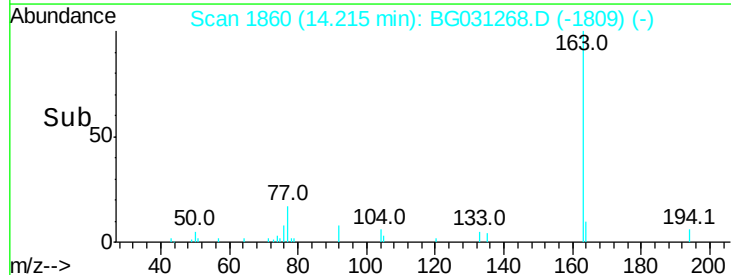
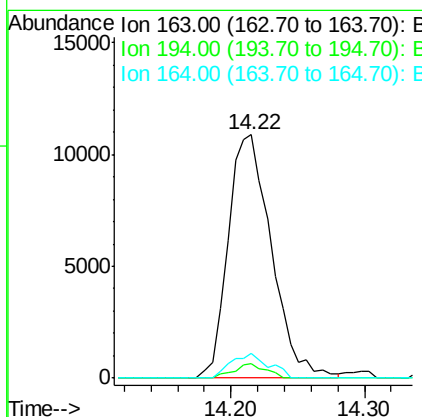
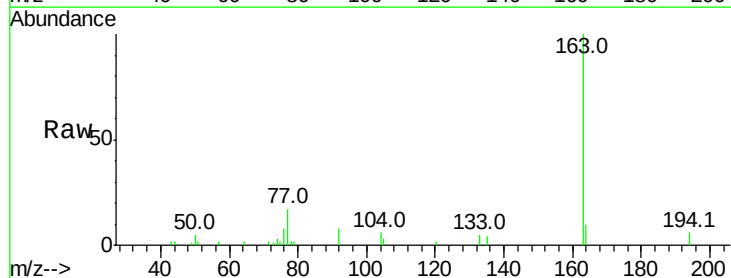
Instrument :
 BNA_G
 ClientSampleId :
 BSC-SB-05

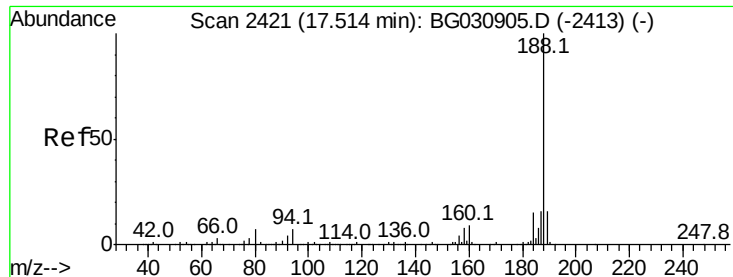
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	23.8	19.5	29.3



#49
 Dimethylphthalate
 Concen: 2.106 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: BG031268.D
 Acq: 29 Nov 2017 1:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.4	5.2#
164	9.9	8.2	12.4

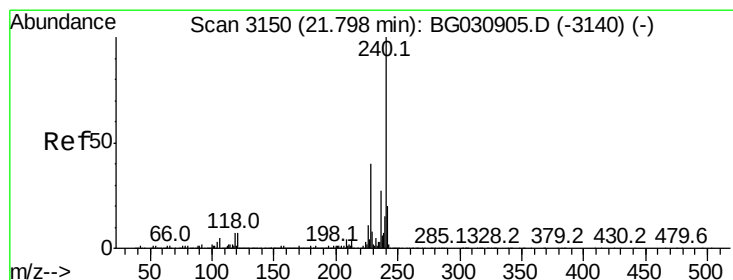
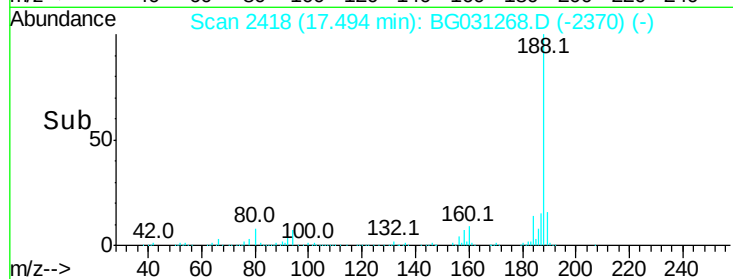
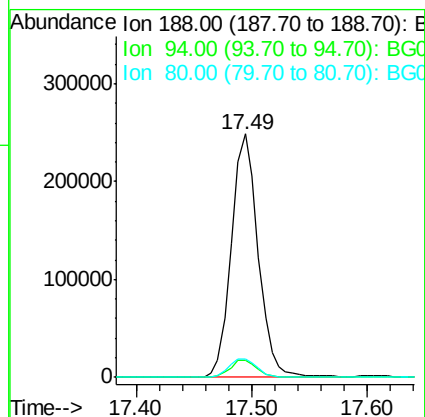
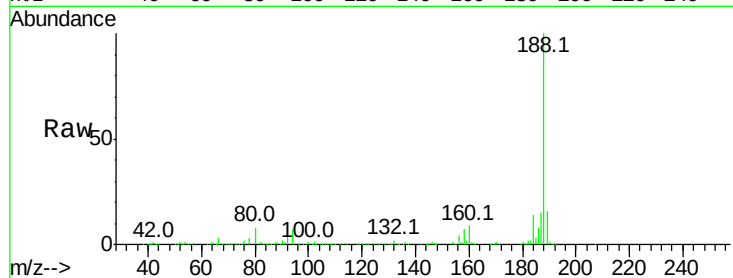




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031268.D
Acq: 29 Nov 2017 1:29

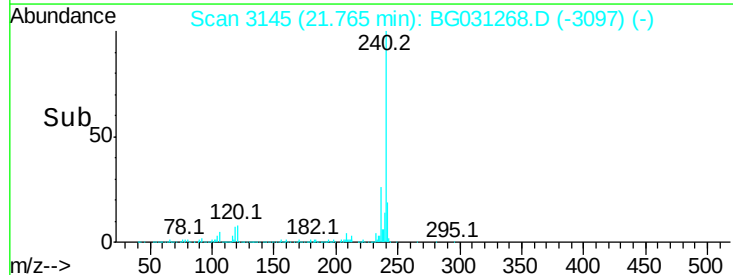
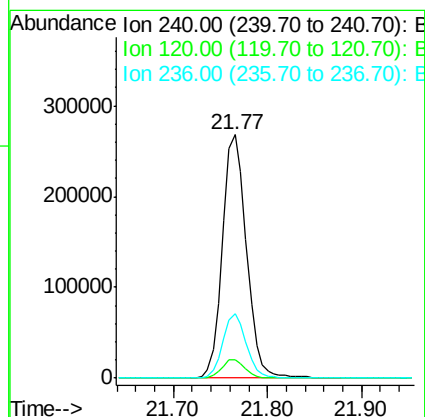
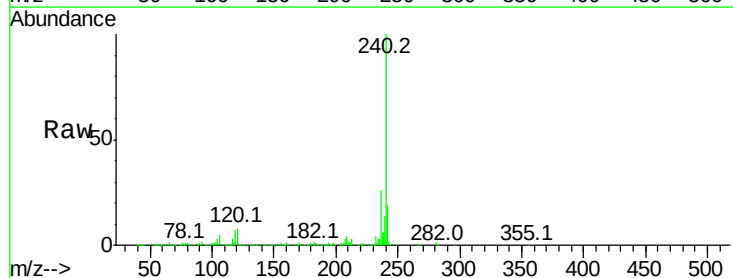
Instrument :
BNA_G
ClientSampleId :
BSC-SB-05

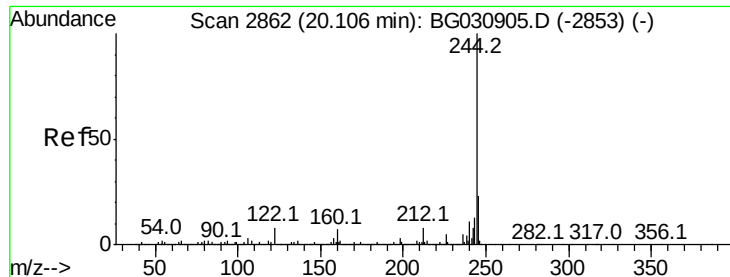
Tot Ion:188 Resp: 400593
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031268.D
Acq: 29 Nov 2017 1:29

Tgt Ion:240 Resp: 479245
Ion Ratio Lower Upper
240 100
120 7.6 6.8 10.2
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 68.307 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

Instrument :

BNA_G

ClientSampleId :

BSC-SB-05

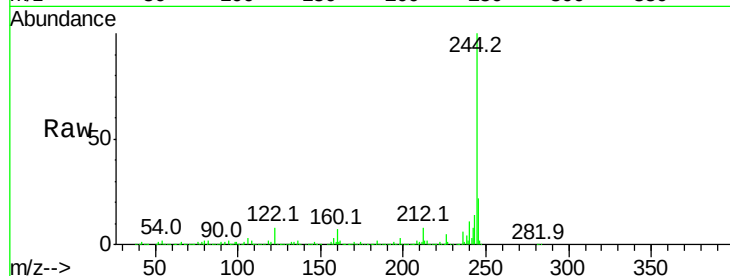
Tot Ion:244 Resp: 1482533

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	8.1	7.0	10.4

244 100

212 7.8 5.8 8.8

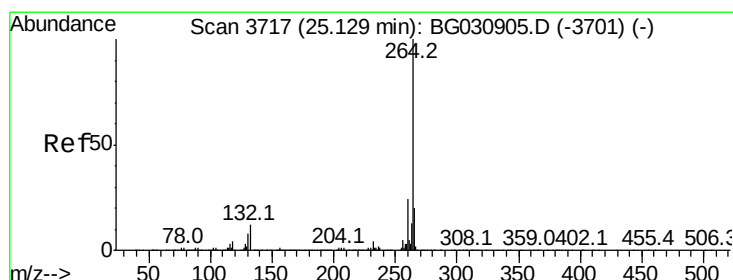
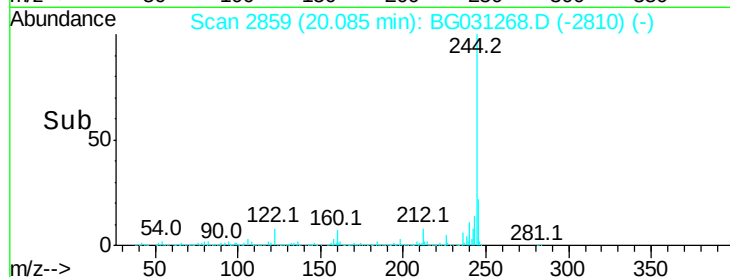
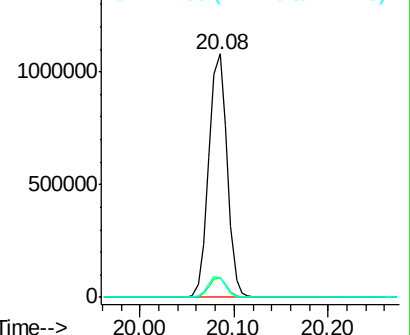
122 8.1 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

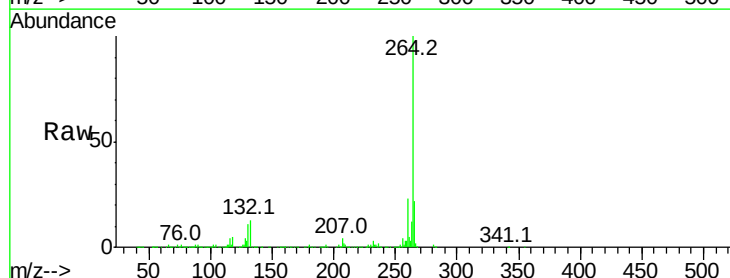
Tgt Ion:264 Resp: 461237

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.5	17.7	26.5

264 100

260 22.8 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

