

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030718.D
 Acq On : 4 Nov 2017 2:31
 Operator : SJ/JU
 Sample : I6313-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PET-BF013-01

Quant Time: Nov 04 03:07:11 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

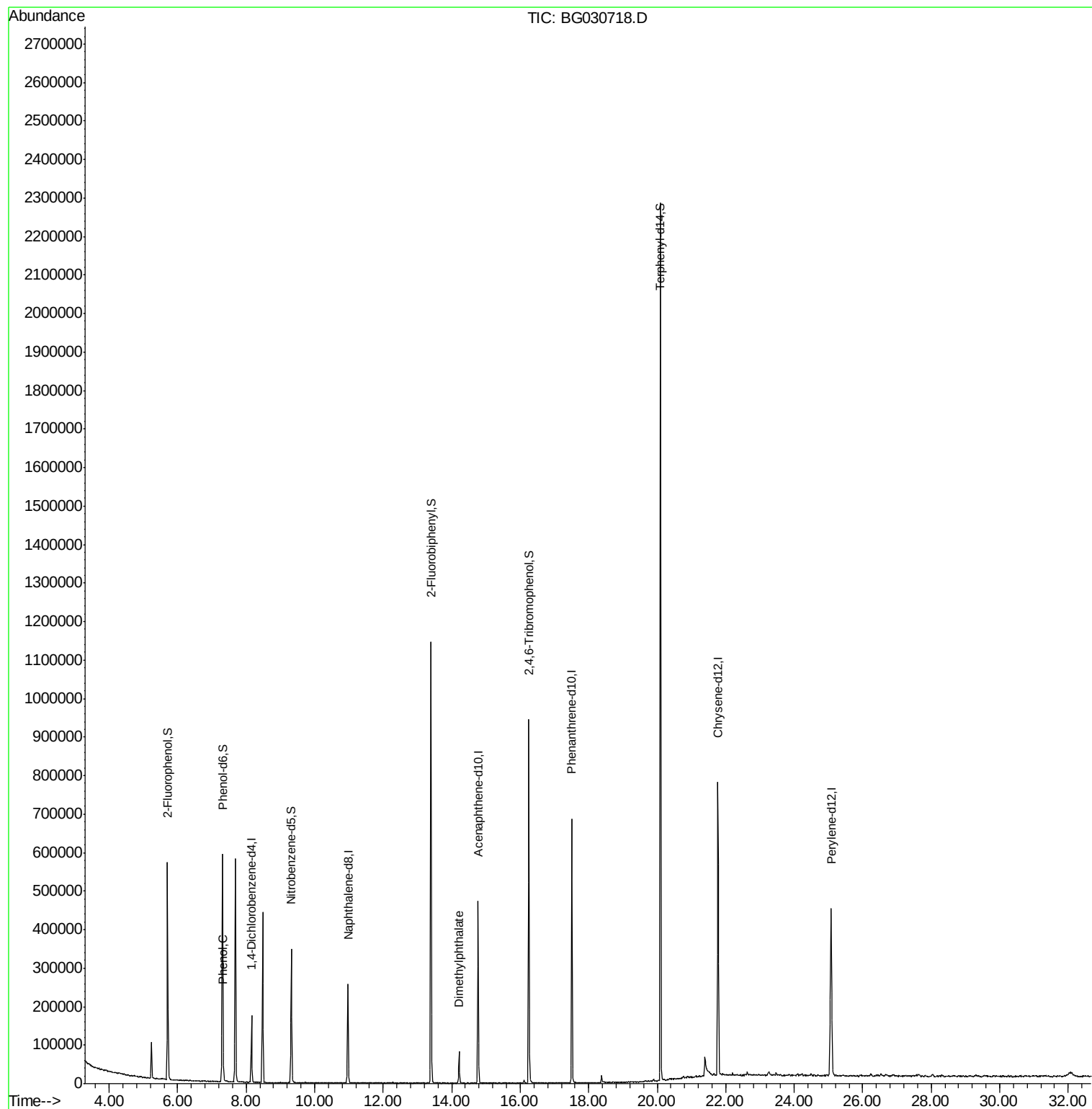
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	51621	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	242038	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	170314	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	426272	20.00	ng	0.00
75) Chrysene-d12	21.78	240	480648	20.00	ng	0.00
86) Perylene-d12	25.08	264	487409	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	268609	86.93	ng	0.00
7) Phenol-d6	7.31	99	376829	86.88	ng	0.00
23) Nitrobenzene-d5	9.32	82	219023	57.50	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	192610	87.59	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	645381	55.58	ng	0.00
78) Terphenyl-d14	20.09	244	1107657	52.43	ng	0.00
Target Compounds						
10) Phenol	7.33	94	15422	3.298	ng	92
49) Dimethylphthalate	14.21	163	67258	5.061	ng	98

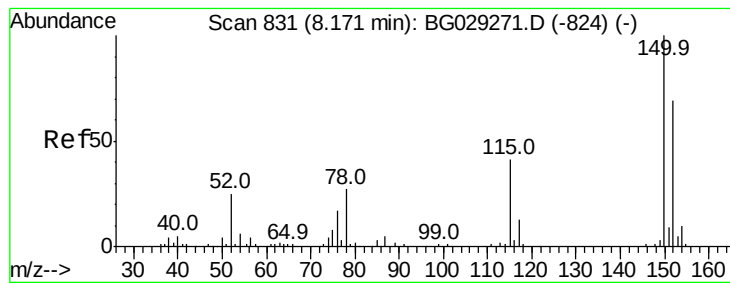
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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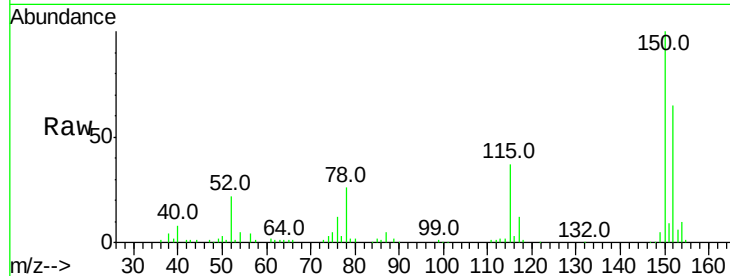


#1

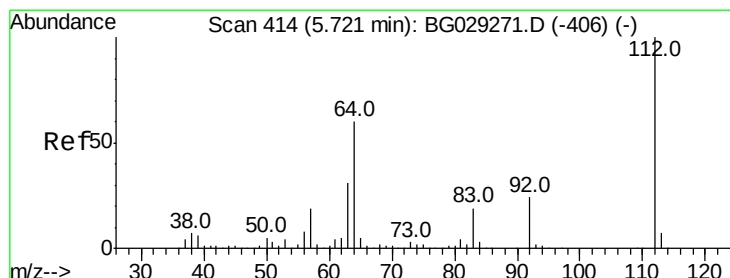
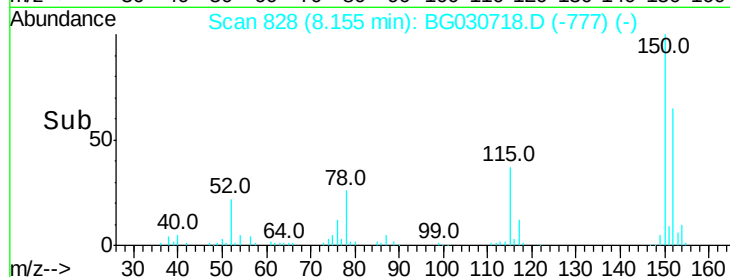
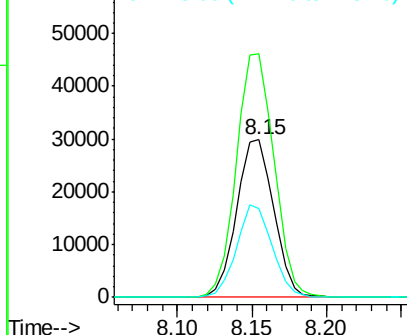
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Instrument :
BNA_G
ClientSampleId :
PET-BF013-01

Tot Ion:152 Resp: 51621
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 56.6 53.0 79.4



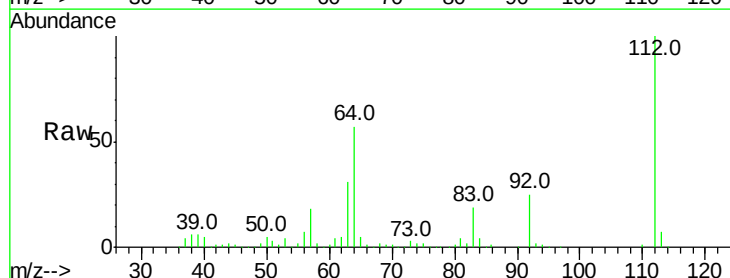
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



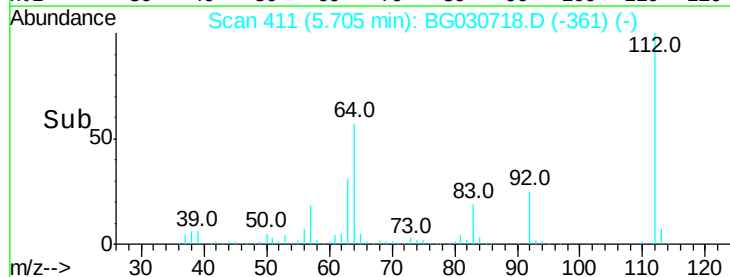
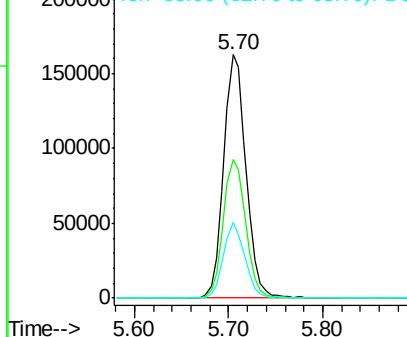
#5

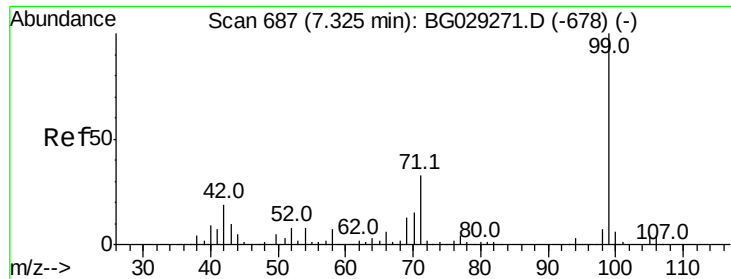
2-Fluorophenol
Concen: 86.927 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Tgt Ion:112 Resp: 268609
Ion Ratio Lower Upper
112 100
64 57.1 56.3 84.5
63 31.4 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: 86.879 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030718.D

Acq: 4 Nov 2017 2:31

Instrument :

BNA_G

ClientSampleId :

PET-BF013-01

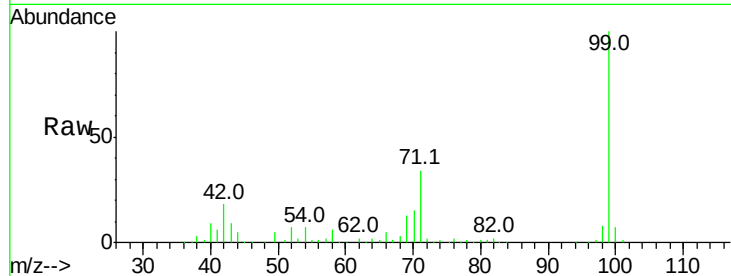
Tot Ion: 99 Resp: 376829

Ion Ratio Lower Upper

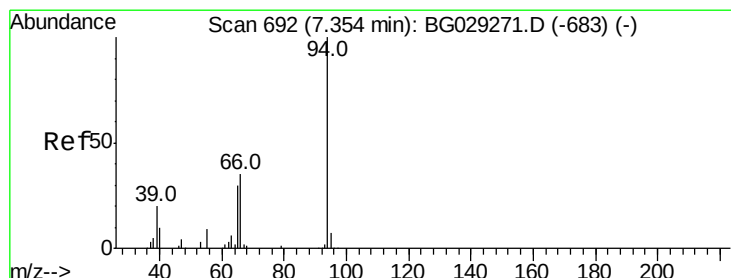
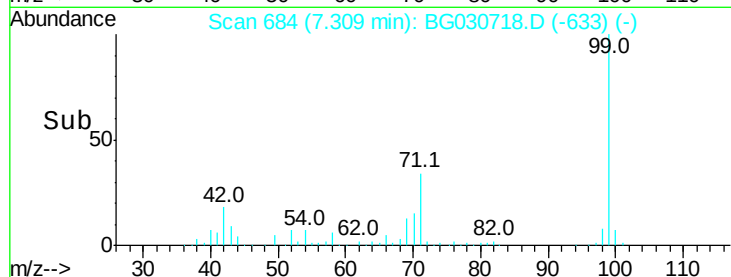
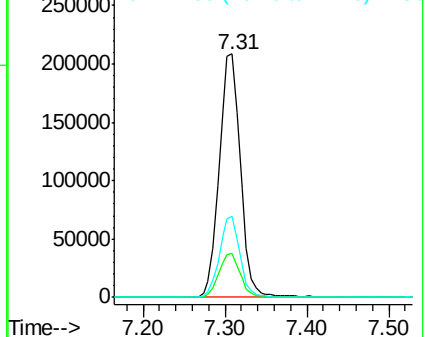
99 100

42 18.1 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: 3.298 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG030718.D

Acq: 4 Nov 2017 2:31

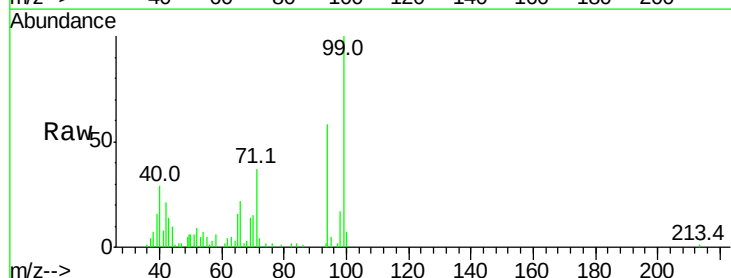
Tgt Ion: 94 Resp: 15422

Ion Ratio Lower Upper

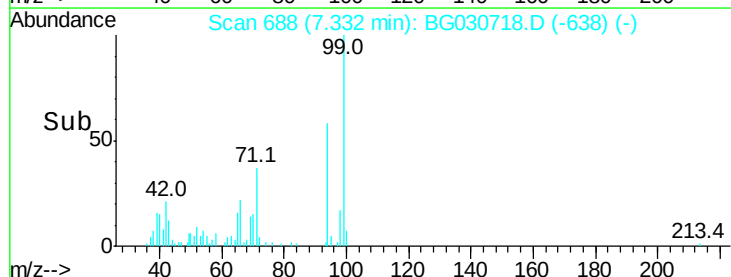
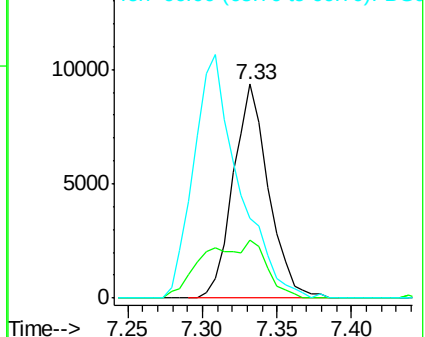
94 100

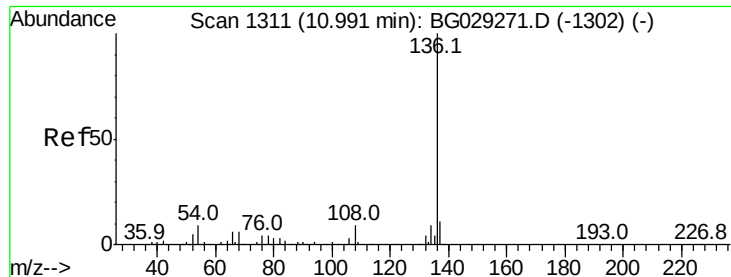
65 27.3 11.9 51.9

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

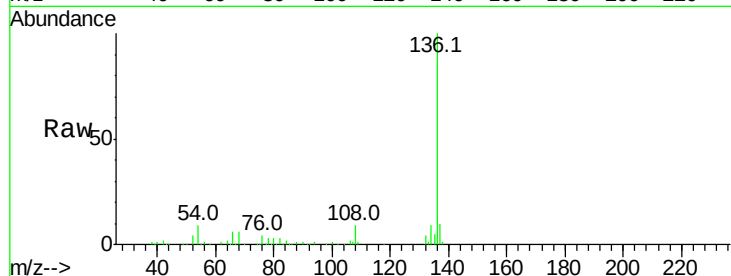




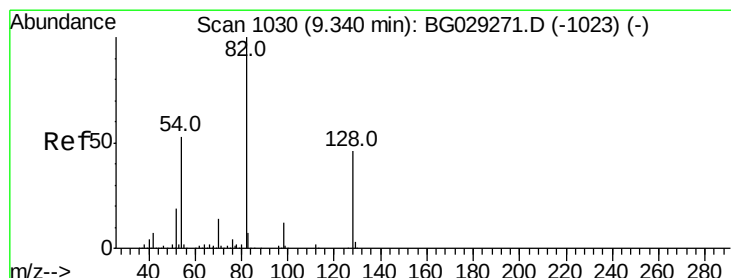
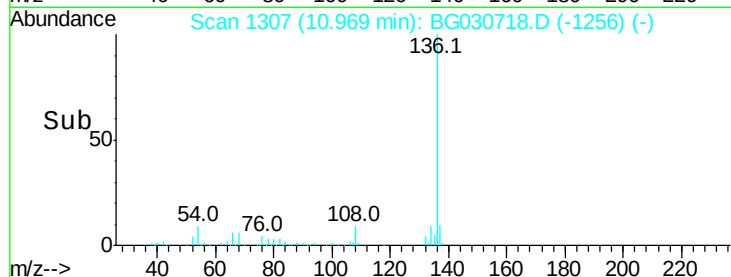
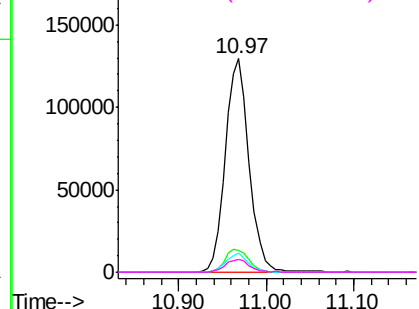
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Instrument :
BNA_G
ClientSampleId :
PET-BF013-01

Tot Ion:136	Resp:	242038
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.2 13.8
54	9.0	10.3 15.5#
68	5.7	4.5 6.7

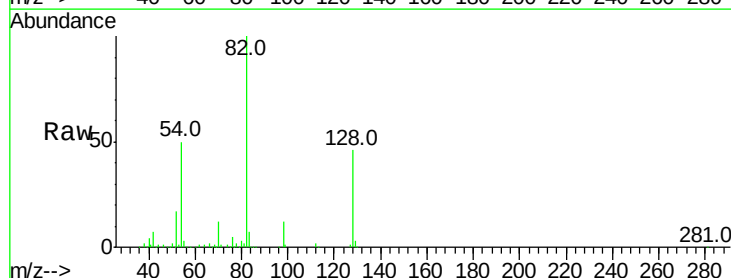


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

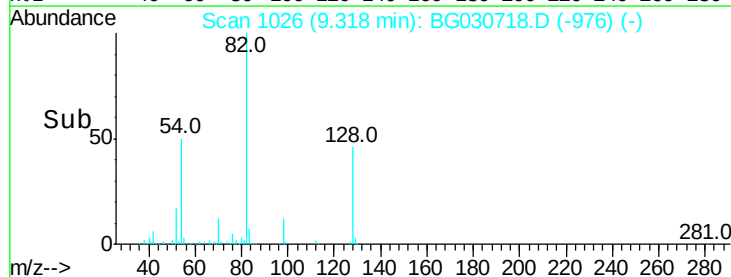
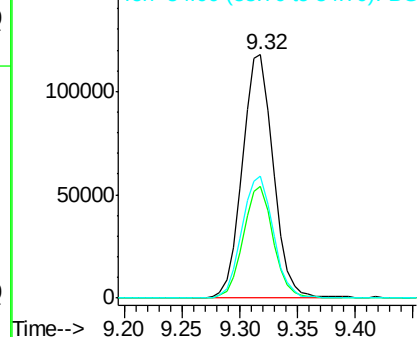


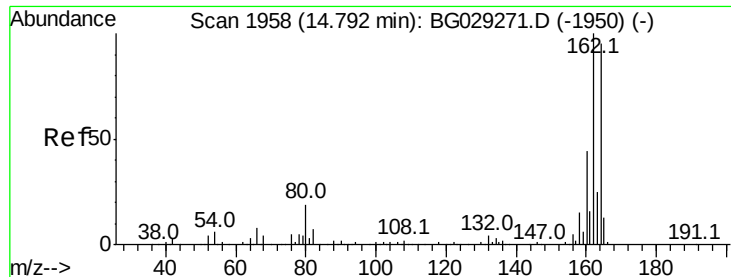
#23
Nitrobenzene-d5
Concen: 57.505 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Tgt Ion: 82	Resp:	219023
Ion Ratio	Lower	Upper
82	100	
128	45.8	29.7 44.5#
54	50.1	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: BG030718.D

Acq: 4 Nov 2017 2:31

Instrument :

BNA_G

ClientSampleId :

PET-BF013-01

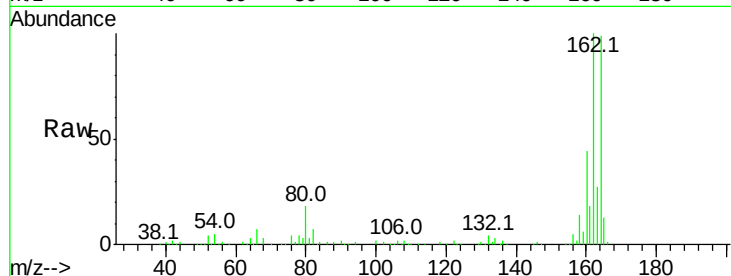
Tot Ion:164 Resp: 170314

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

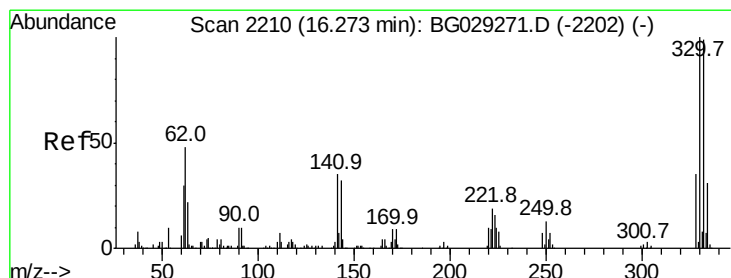
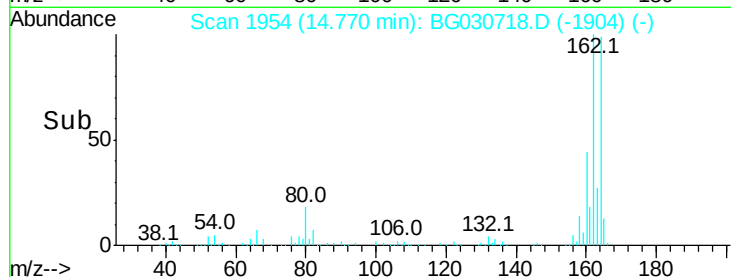
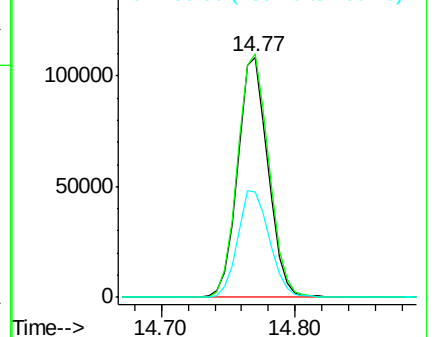
160 44.1 35.4 53.0



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: 87.593 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG030718.D

Acq: 4 Nov 2017 2:31

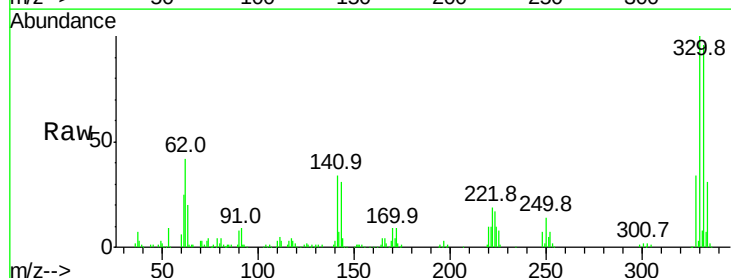
Tgt Ion:330 Resp: 192610

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

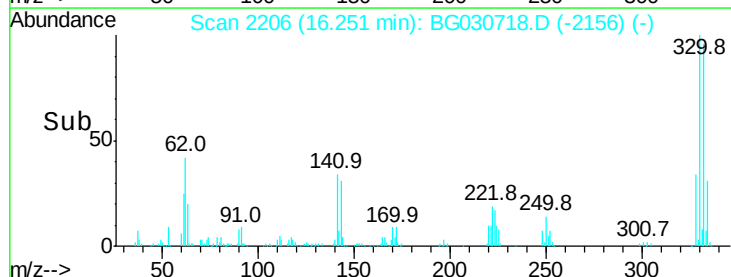
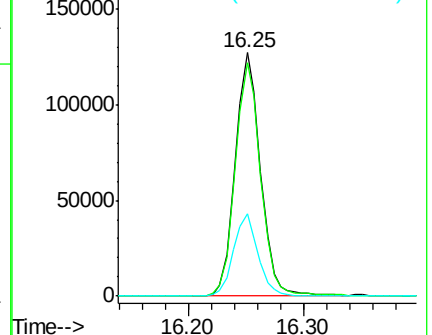
141 32.8 25.2 37.8

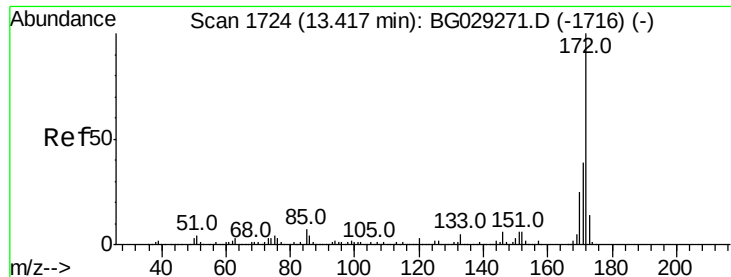


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

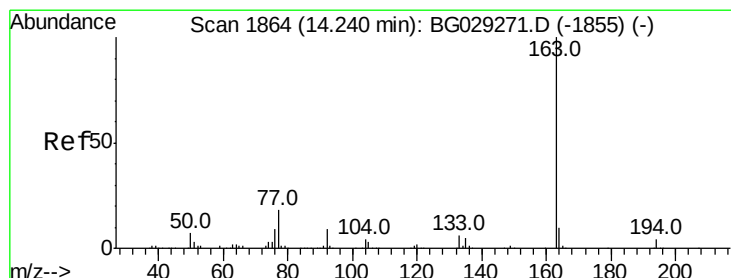
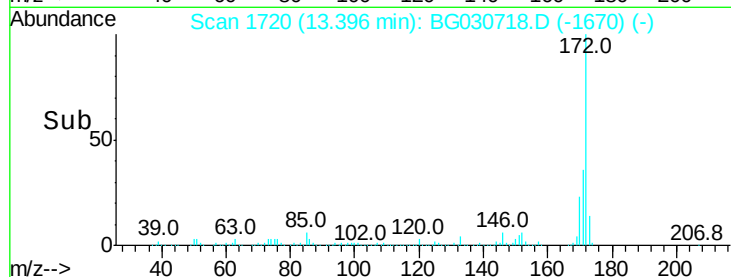
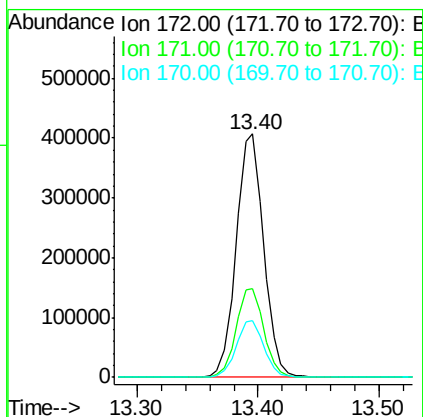
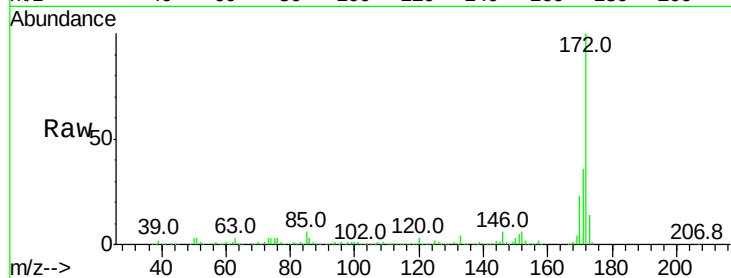




#44
2-Fluorobiphenyl
Concen: 55.577 ng
RT: 13.40 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

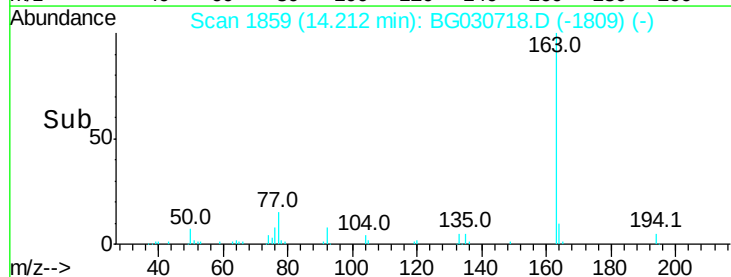
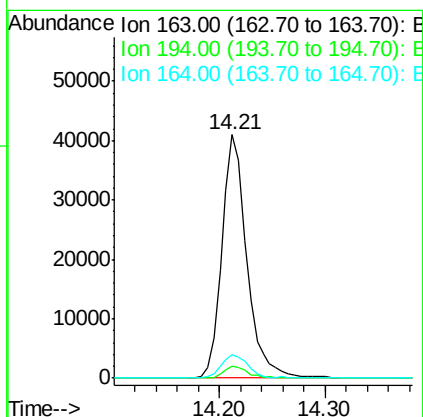
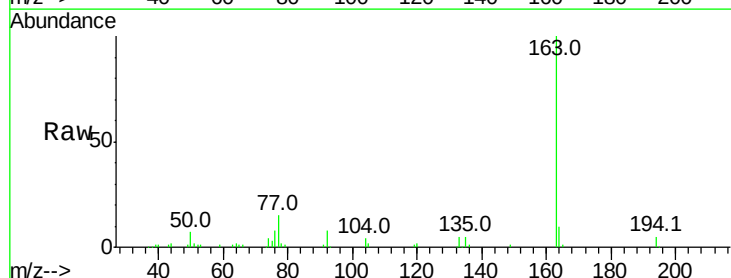
Instrument :
BNA_G
ClientSampleId :
PET-BF013-01

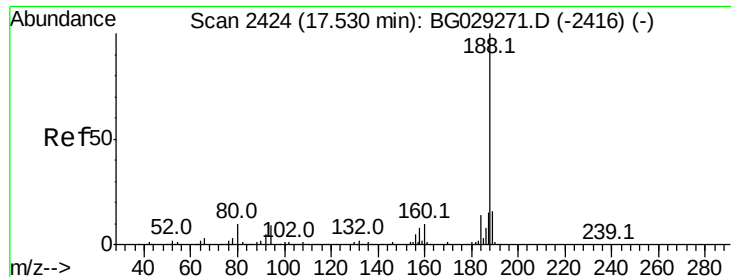
Tot Ion:172 Resp: 645381
Ion Ratio Lower Upper
172 100
171 36.4 30.0 45.0
170 23.4 19.5 29.3



#49
Dimethylphthalate
Concen: 5.061 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG030718.D
Acq: 4 Nov 2017 2:31

Tgt Ion:163 Resp: 67258
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 9.5 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG030718.D

Acq: 4 Nov 2017 2:31

Instrument :

BNA_G

ClientSampleId :

PET-BF013-01

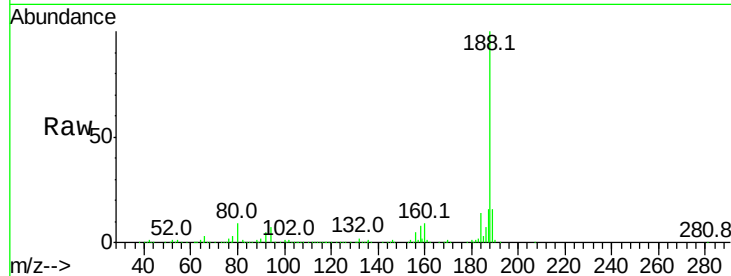
Tot Ion:188 Resp: 426272

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

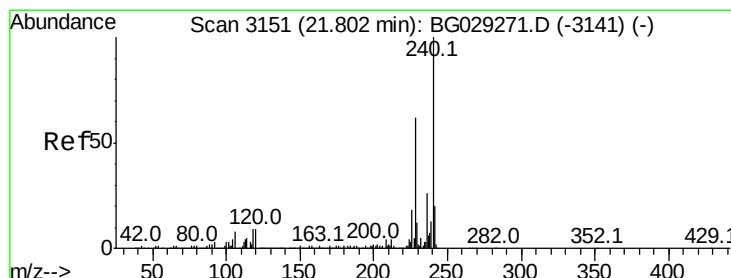
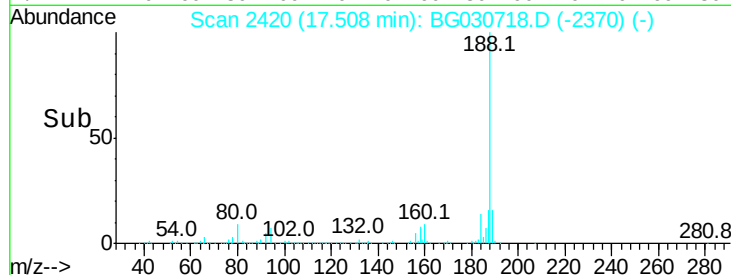
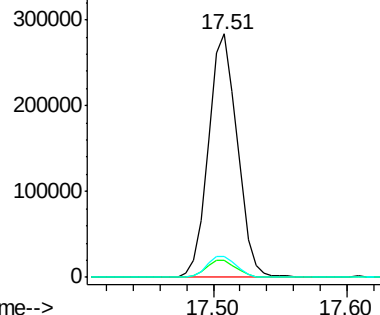
80 8.5 7.7 11.5



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: 21.78 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG030718.D

Acq: 4 Nov 2017 2:31

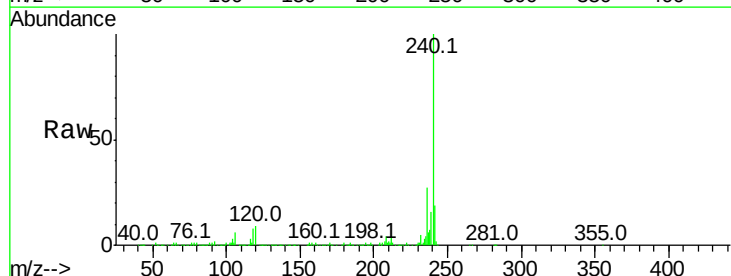
Tgt Ion:240 Resp: 480648

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

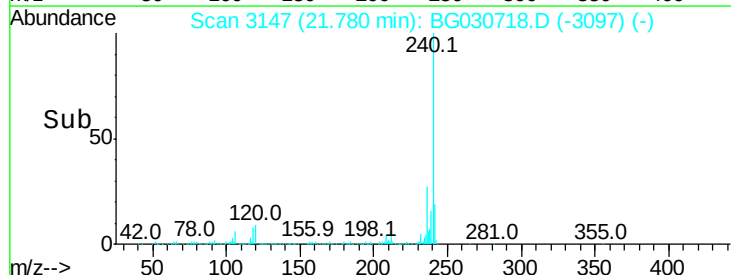
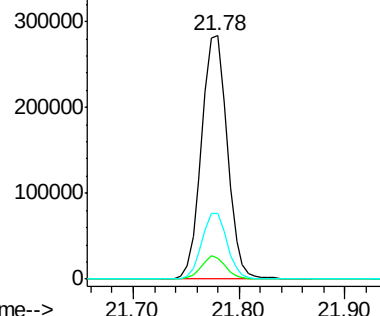
236 27.0 20.9 31.3

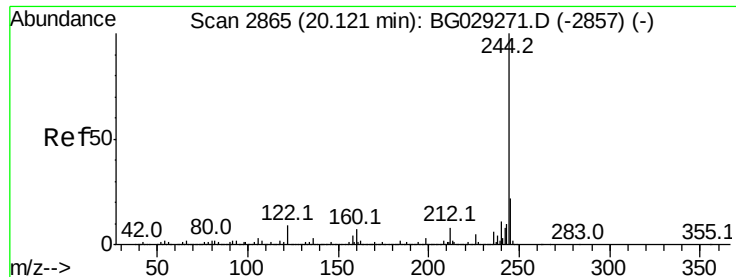


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 52.426 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030718.D

Acq: 4 Nov 2017 2:31

Instrument :

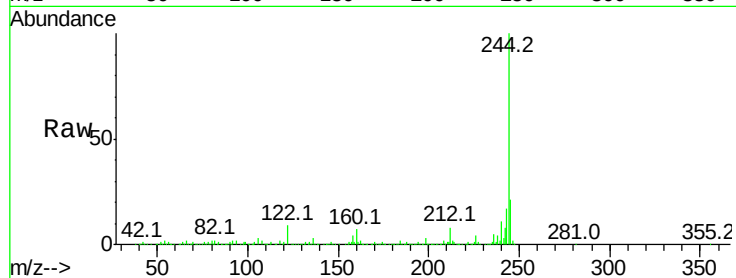
BNA_G

ClientSampleId :

PET-BF013-01

Tot Ion:244 Resp: 1107657

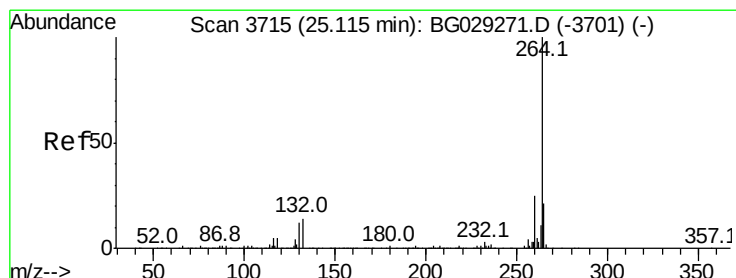
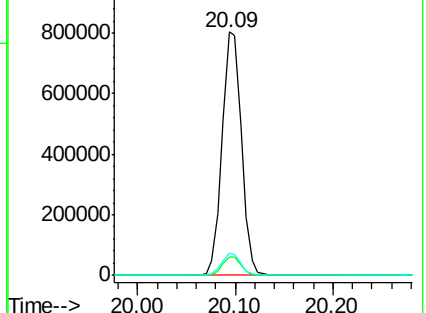
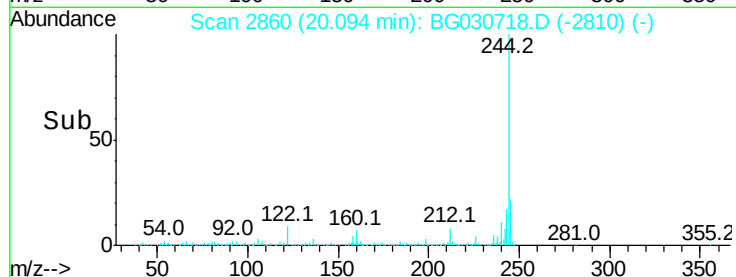
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	8.9	7.0	10.4



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: 25.08 min Scan# 3708

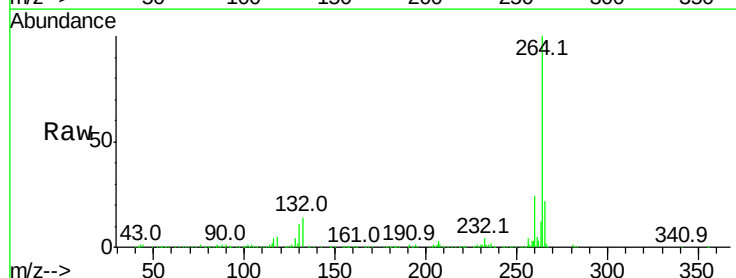
Delta R.T. -0.02 min

Lab File: BG030718.D

Acq: 4 Nov 2017 2:31

Tgt Ion:264 Resp: 487409

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.1	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

