

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031340.D
 Acq On : 2 Dec 2017 5:45
 Operator : SJ/JU
 Sample : I6300-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112917

Quant Time: Dec 03 22:45:04 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

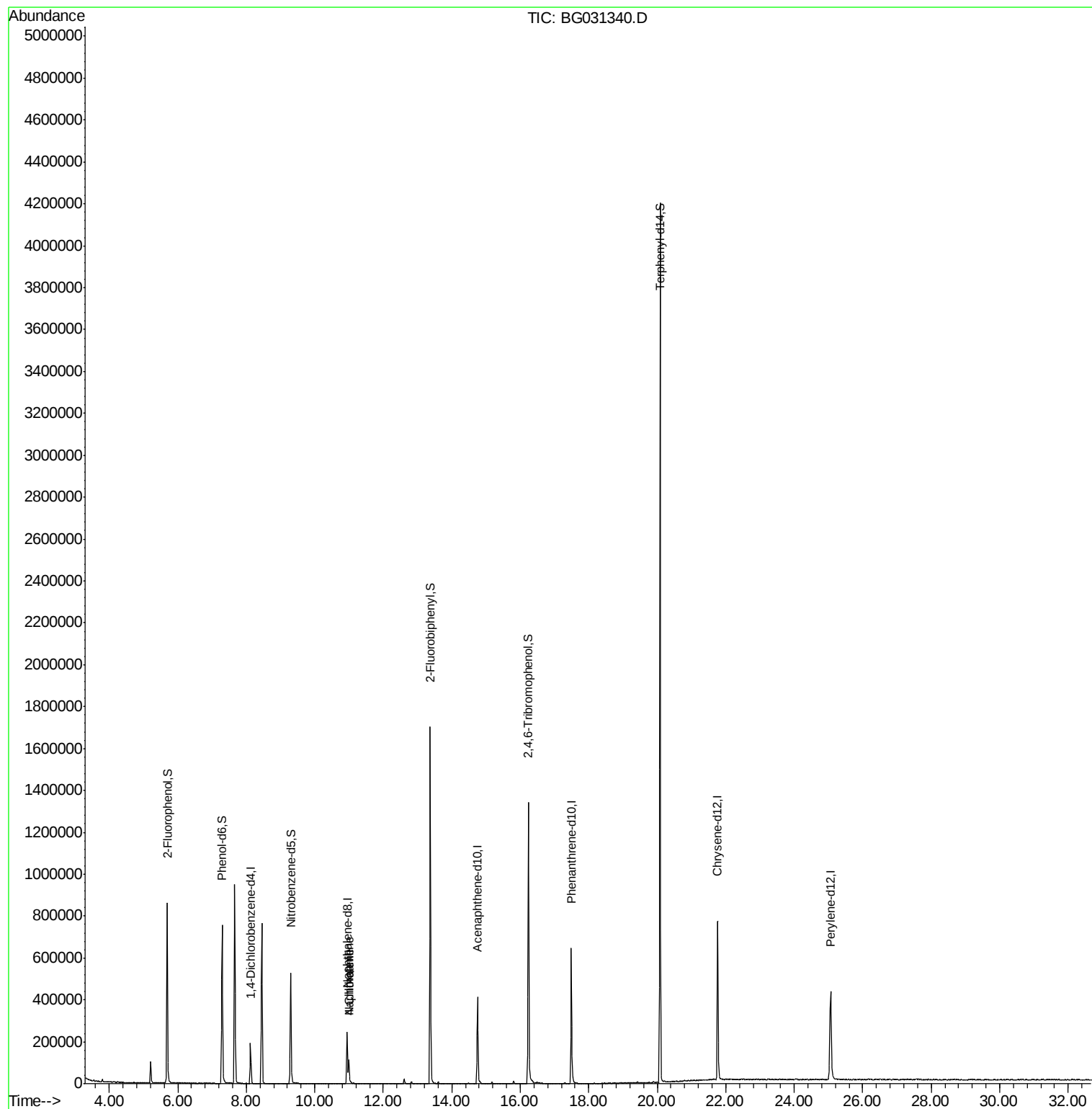
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	61490	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	257449	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	166547	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	464234	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	550975	20.00	ng	-0.02
86) Perylene-d12	25.06	264	528403	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	448161	124.98	ng	-0.02
7) Phenol-d6	7.30	99	514229	106.44	ng	-0.01
23) Nitrobenzene-d5	9.30	82	372264	85.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	314124	116.59	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1044273	90.10	ng	-0.03
78) Terphenyl-d14	20.08	244	2132870	85.48	ng	-0.02
Target Compounds						
31) Naphthalene	11.00	128	110922	8.76	ng	Qvalue 98
33) 4-Chloroaniline	11.00	127	15257	2.75	ng	# 32

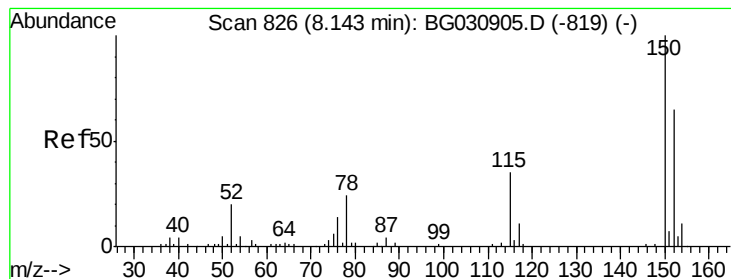
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 10 15:38:25 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031340.D

Acq: 2 Dec 2017 5:45

Instrument :

BNA_G

ClientSampleId :

OR-02-112917

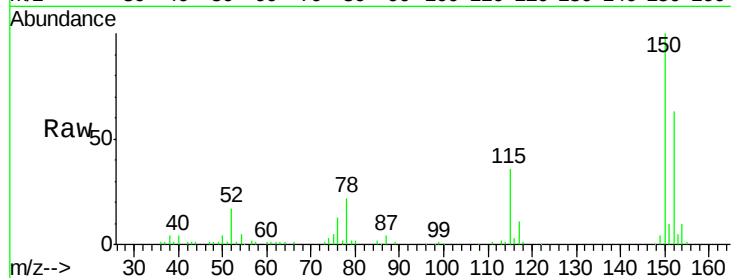
Tot Ion:152 Resp: 61490

Ion Ratio Lower Upper

152 100

150 157.6 126.6 189.8

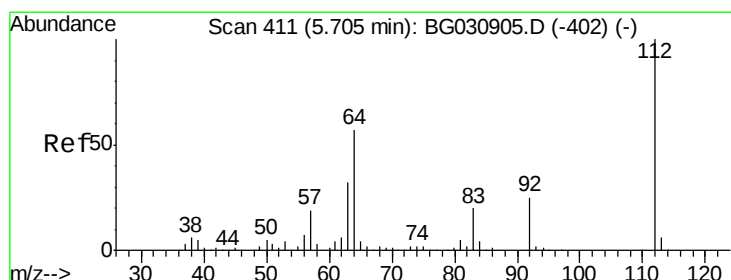
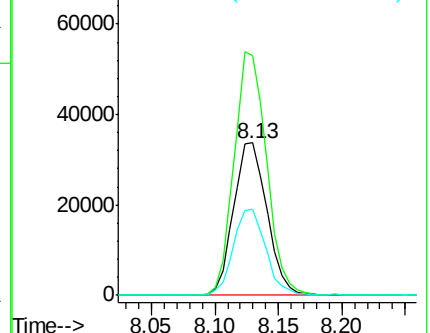
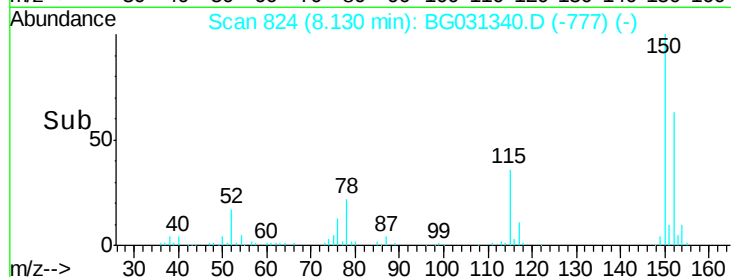
115 56.8 53.0 79.4



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: 124.98 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031340.D

Acq: 2 Dec 2017 5:45

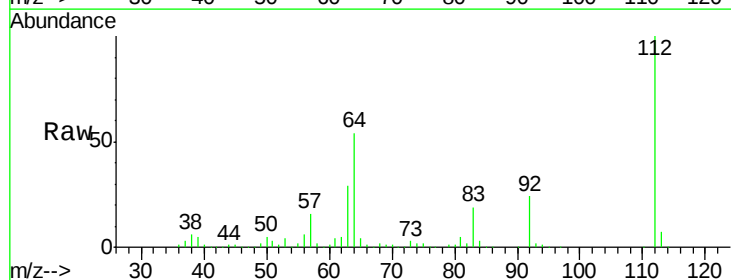
Tgt Ion:112 Resp: 448161

Ion Ratio Lower Upper

112 100

64 54.2 56.3 84.5#

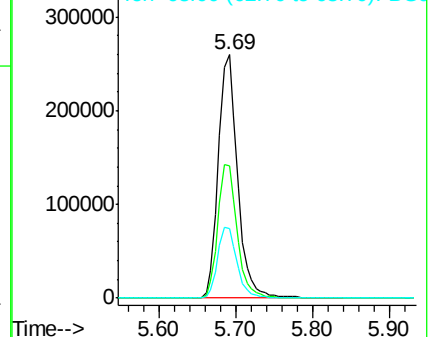
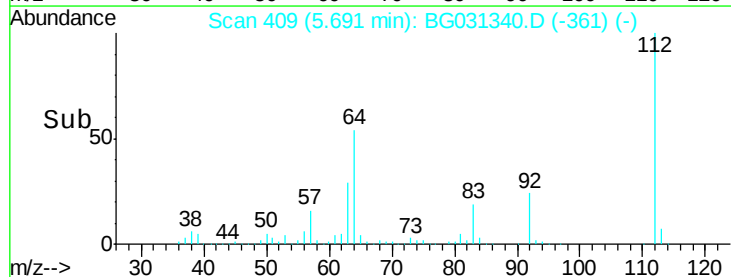
63 28.6 30.1 45.1#

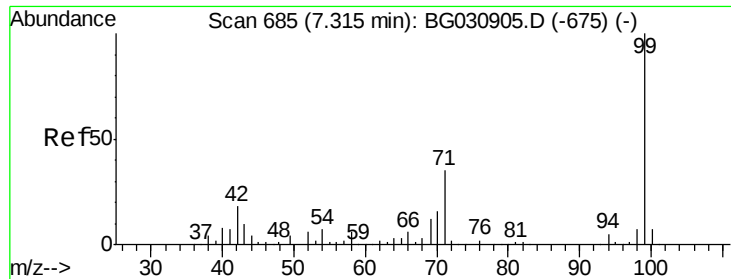


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.44 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031340.D

Acq: 2 Dec 2017 5:45

Instrument :

BNA_G

ClientSampleId :

OR-02-112917

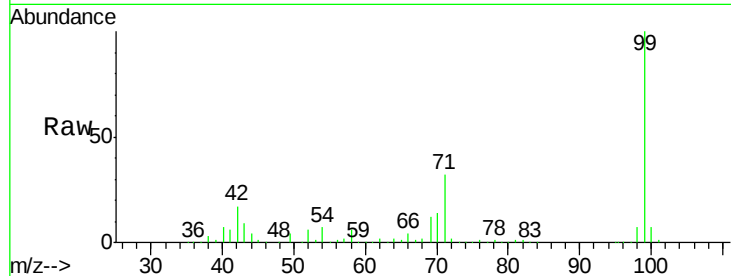
Tot Ion: 99 Resp: 514229

Ion Ratio Lower Upper

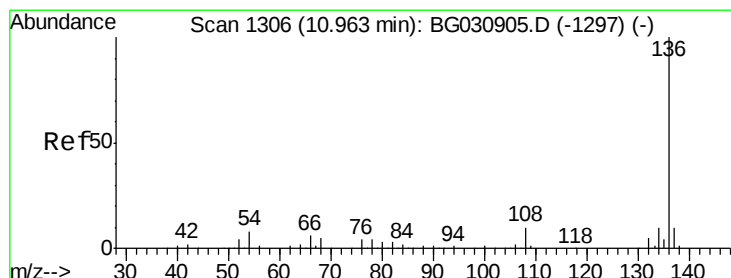
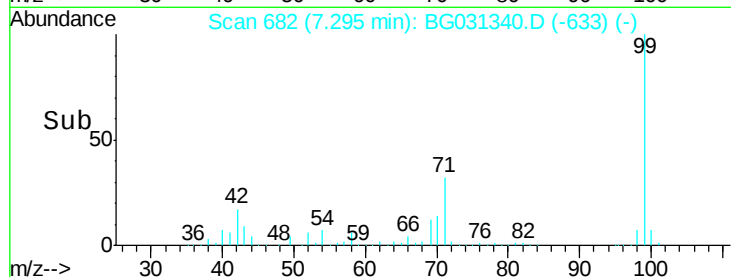
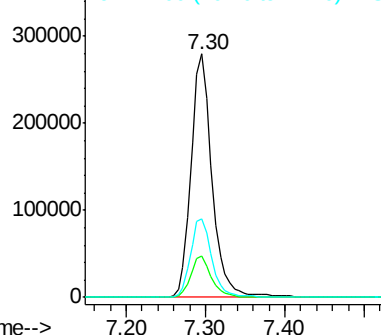
99 100

42 17.3 14.1 21.1

71 32.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031340.D

Acq: 2 Dec 2017 5:45

Tgt Ion: 136 Resp: 257449

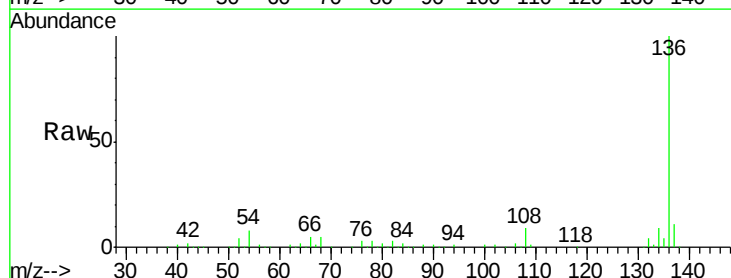
Ion Ratio Lower Upper

136 100

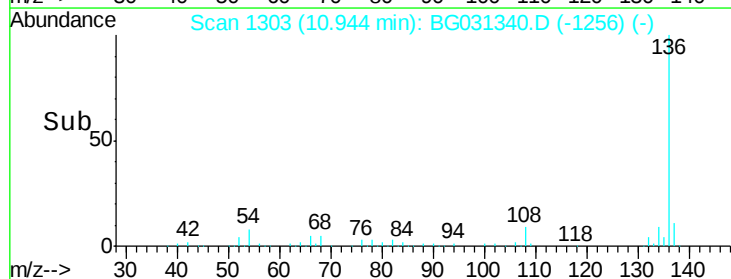
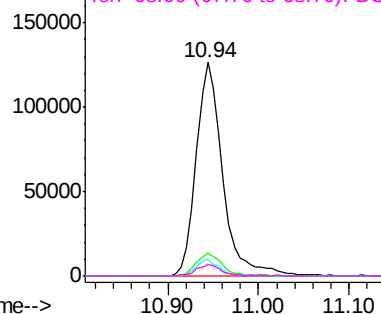
137 10.5 9.2 13.8

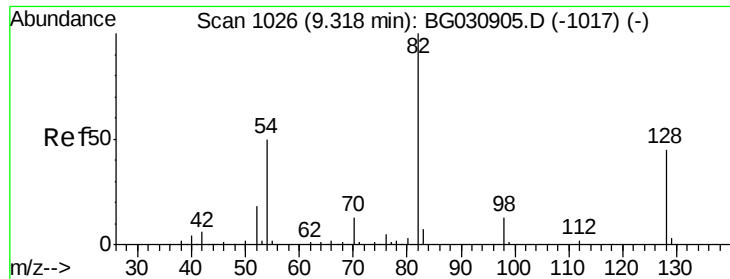
54 7.9 10.3 15.5#

68 5.4 4.5 6.7



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

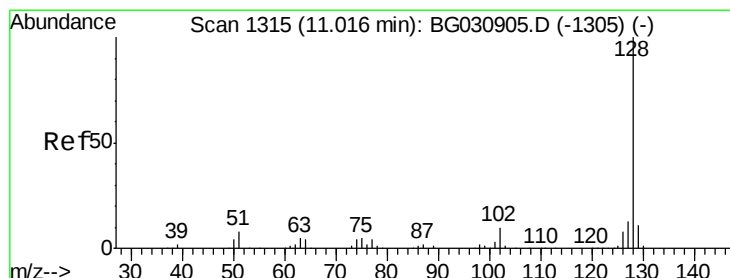
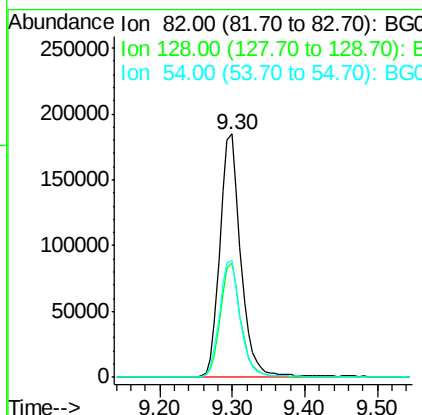
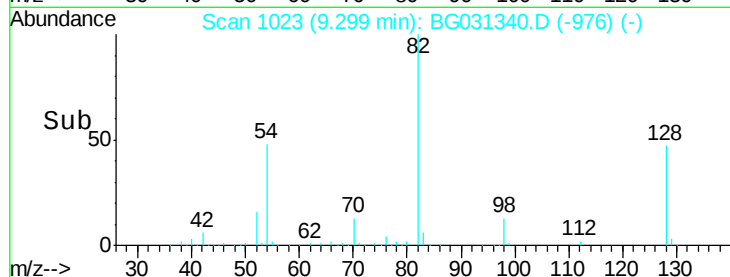
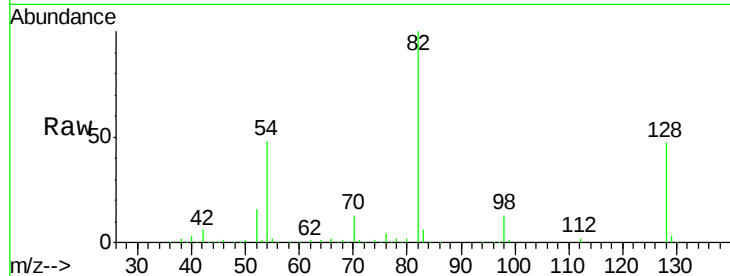




#23
 Nitrobenzene-d5
 Concen: 85.68 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031340.D
 Acq: 2 Dec 2017 5:45

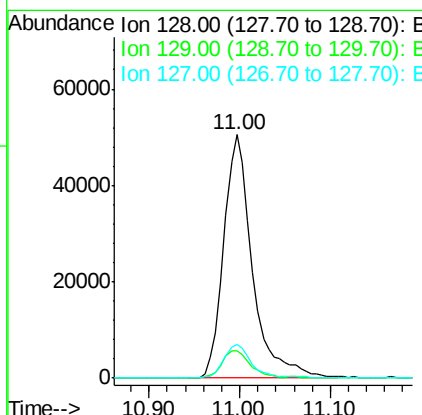
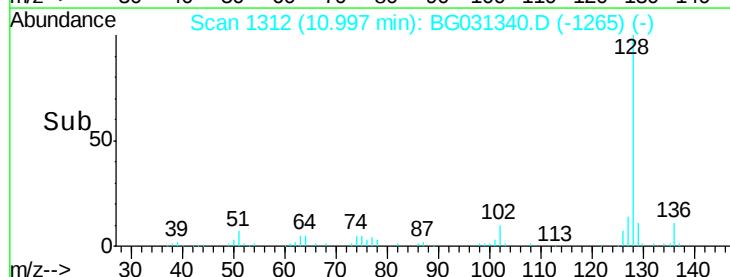
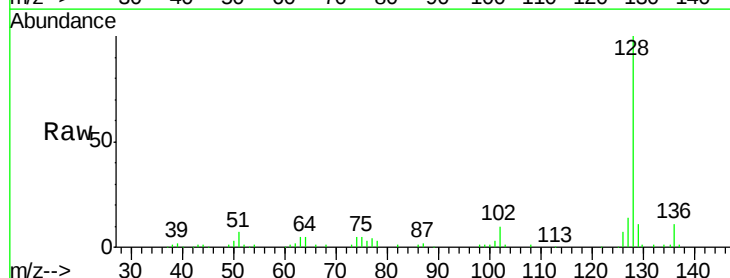
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112917

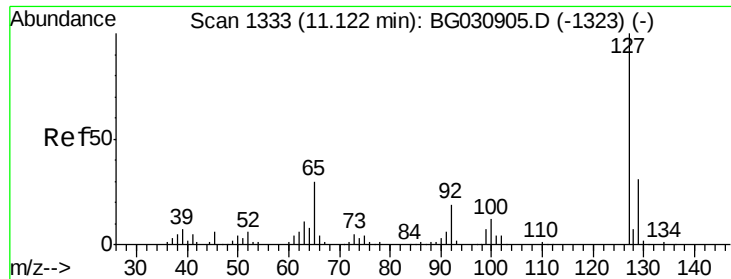
Tot Ion	82	Resp	372264
Ion Ratio	Lower	Upper	
82	100		
128	46.9	29.7	44.5#
54	48.1	43.1	64.7



#31
 Naphthalene
 Concen: 8.76 ng
 RT: 11.00 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BG031340.D
 Acq: 2 Dec 2017 5:45

Tgt Ion	128	Resp	110922
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	12.8
127	13.8	11.6	17.4

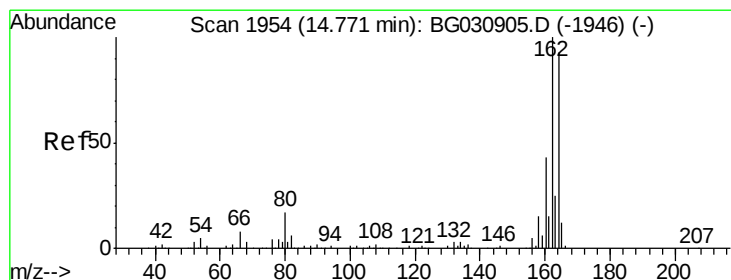
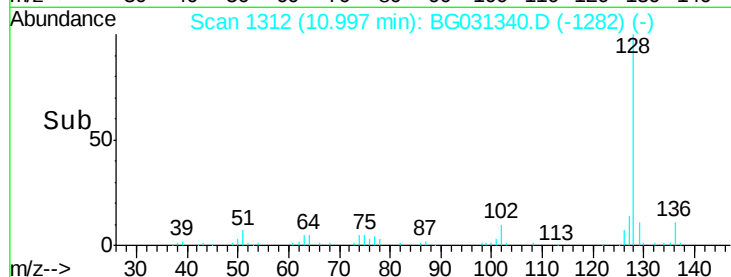
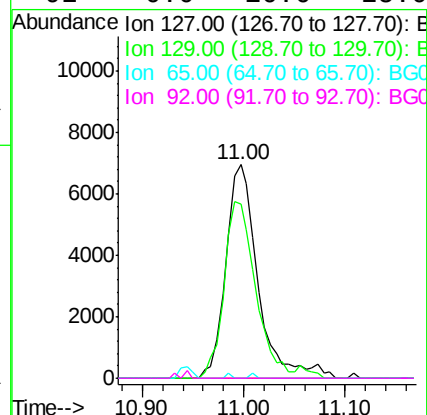
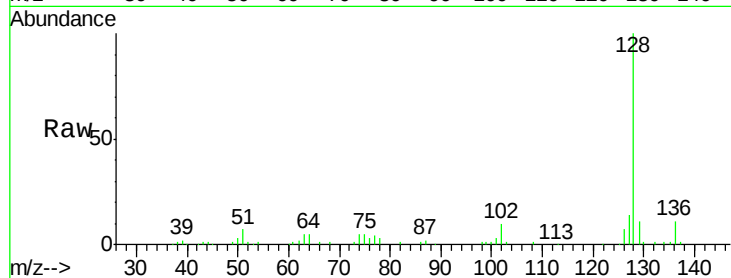




#33
4-Chloroaniline
Concen: 2.75 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.12 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

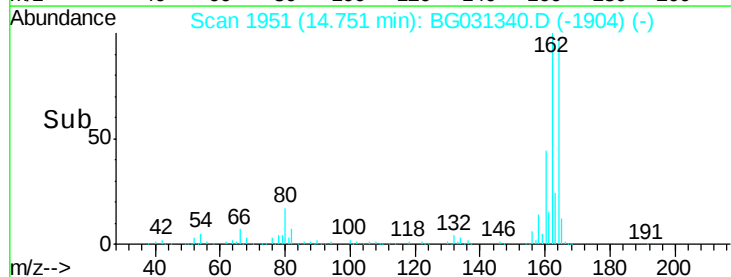
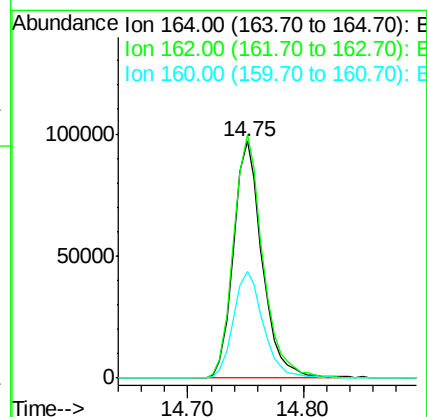
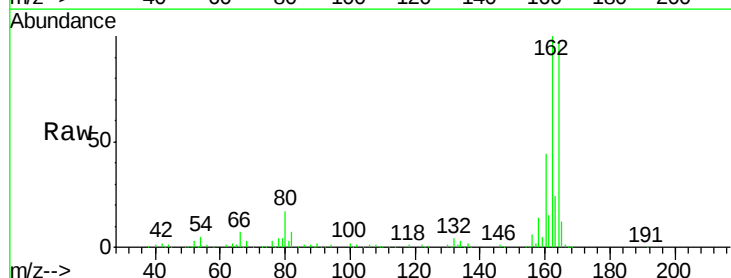
Instrument :
BNA_G
ClientSampleId :
OR-02-112917

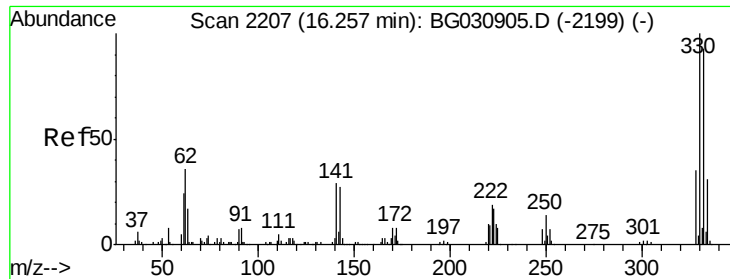
Tot Ion:	127	Resp:	15257
Ion	Ratio	Lower	Upper
127	100		
129	81.2	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Tgt Ion:	164	Resp:	166547
Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	44.8	35.4	53.0

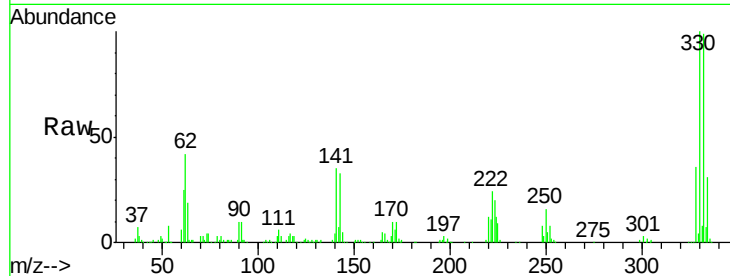




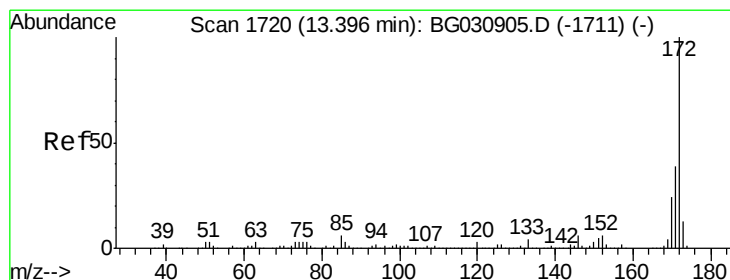
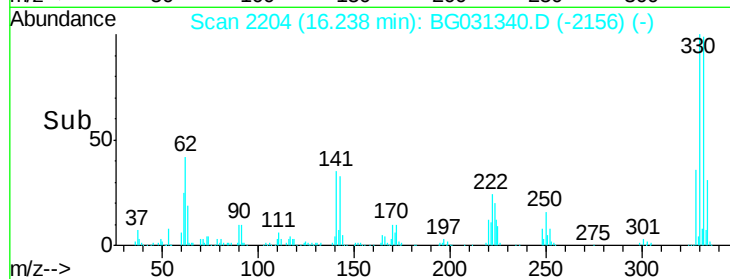
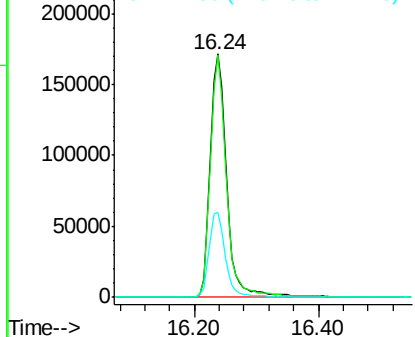
#41
 2,4,6-Tribromophenol
 Concen: 116.59 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031340.D
 Acq: 2 Dec 2017 5:45

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112917

Tot Ion:330 Resp: 314124
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 33.6 25.2 37.8

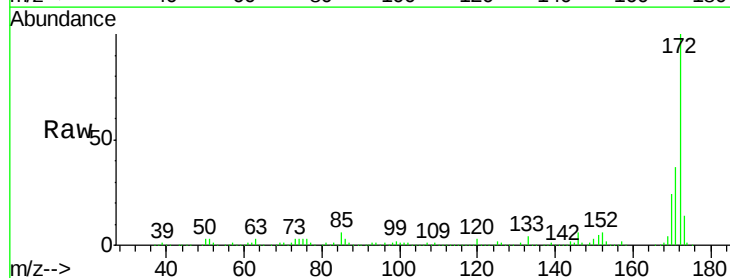


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

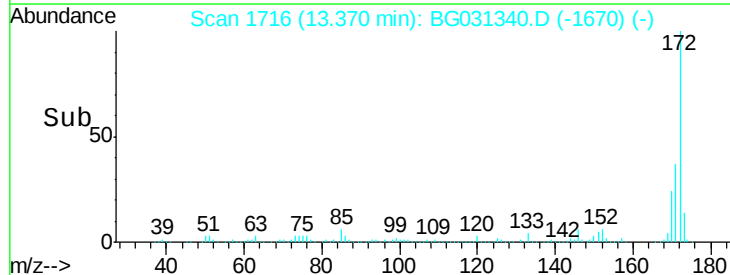
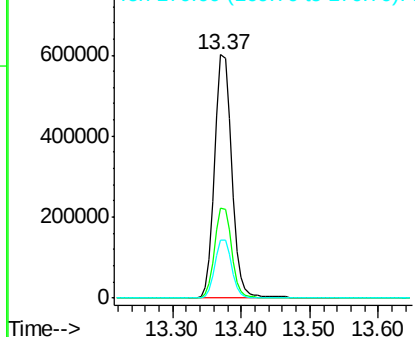


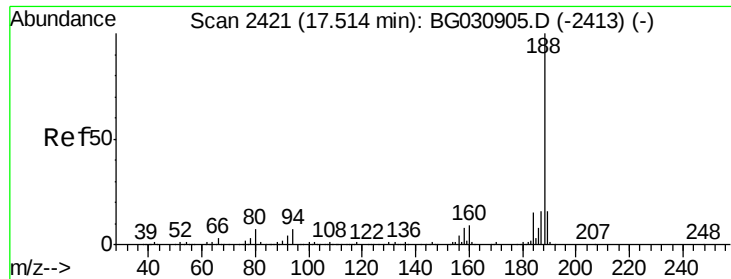
#44
 2-Fluorobiphenyl
 Concen: 90.10 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031340.D
 Acq: 2 Dec 2017 5:45

Tgt Ion:172 Resp: 1044273
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 24.1 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

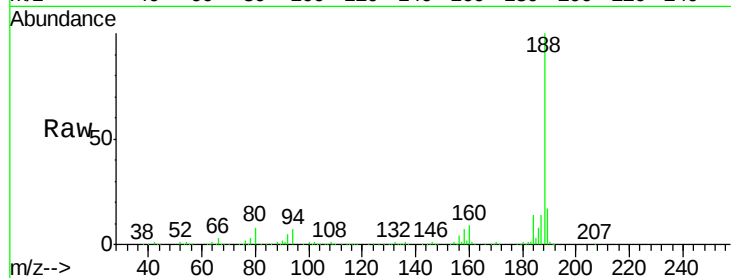




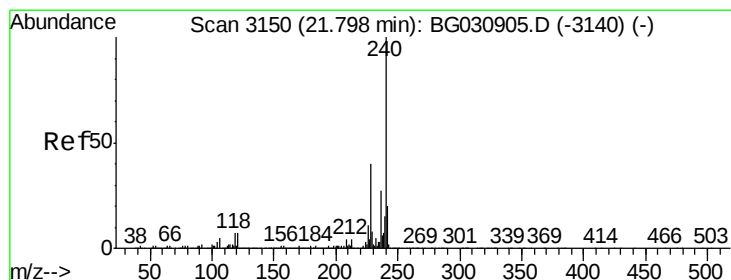
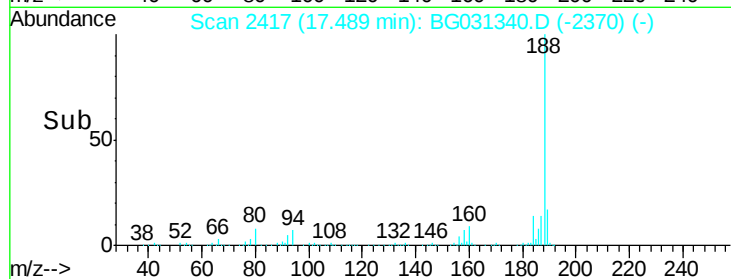
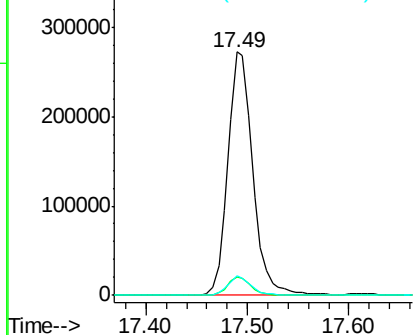
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Instrument :
BNA_G
ClientSampleId :
OR-02-112917

Tot Ion:188 Resp: 464234
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.0 7.7 11.5

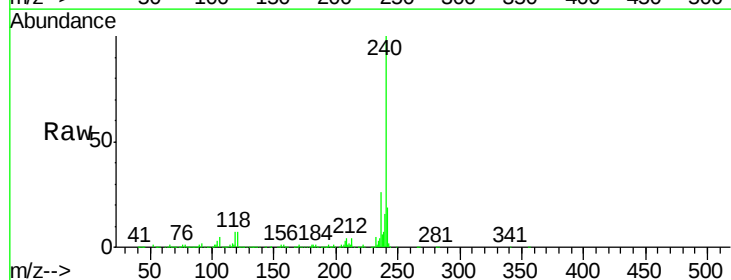


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

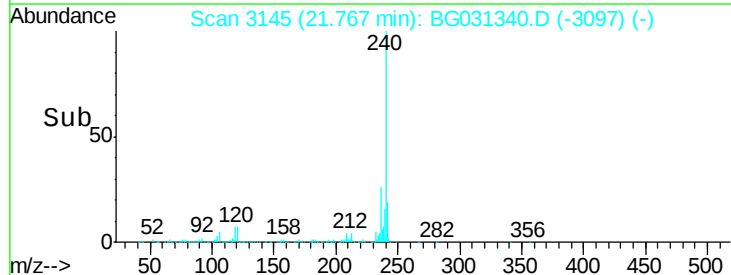
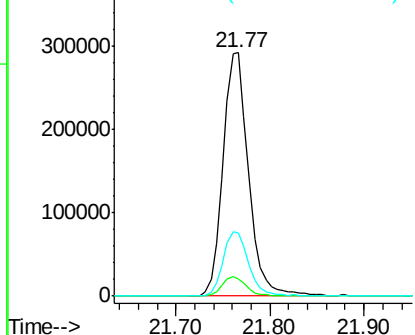


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031340.D
Acq: 2 Dec 2017 5:45

Tgt Ion:240 Resp: 550975
Ion Ratio Lower Upper
240 100
120 7.1 6.8 10.2
236 25.9 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: 85.48 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031340.D

Acq: 2 Dec 2017 5:45

Instrument :

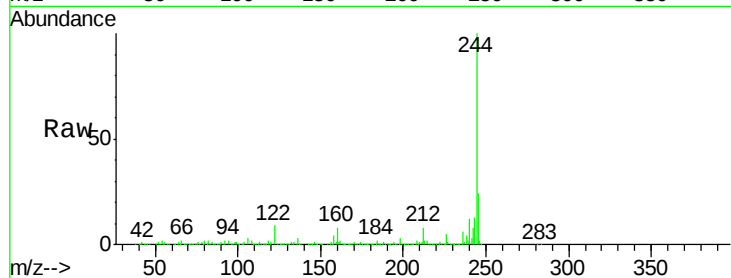
BNA_G

ClientSampleId :

OR-02-112917

Tot Ion:244 Resp: 2132870

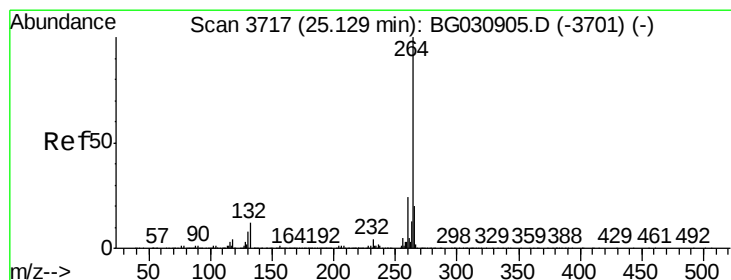
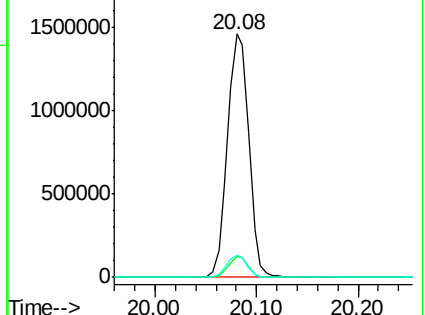
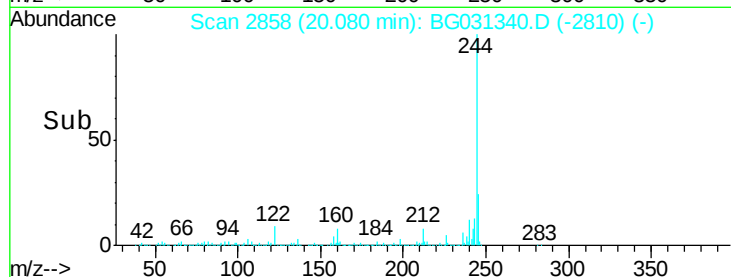
Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	8.9	7.0	10.4



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: 20.00 ng

RT: 25.06 min Scan# 3706

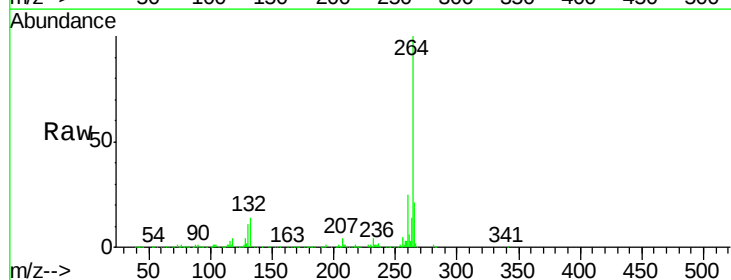
Delta R.T. -0.03 min

Lab File: BG031340.D

Acq: 2 Dec 2017 5:45

Tgt Ion:264 Resp: 528403

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.3	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

