

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
 Data File : BG035491.D
 Acq On : 28 Jun 2018 23:31
 Operator : JU/SJ
 Sample : J3718-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-29

Quant Time: Jun 29 04:23:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

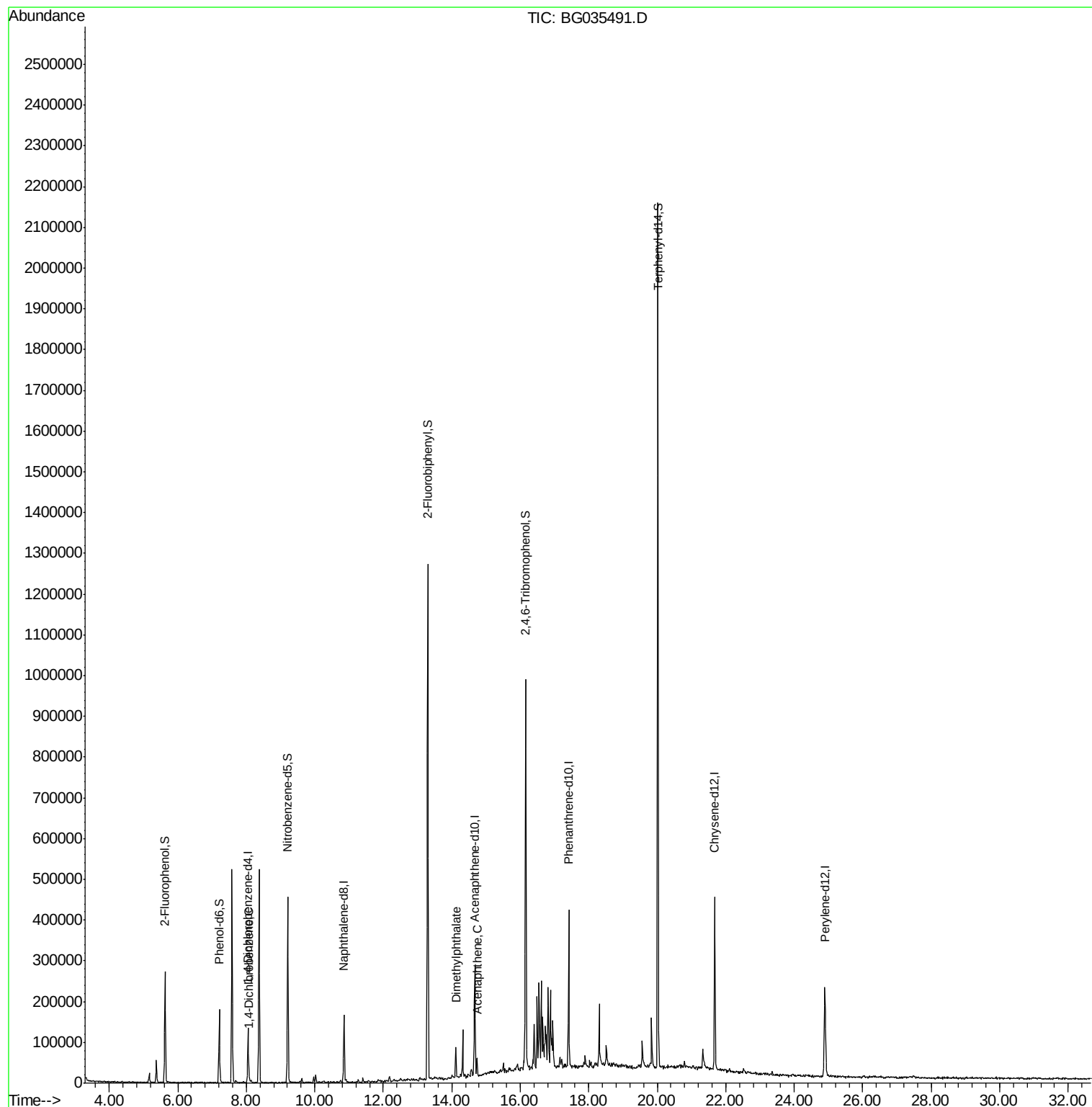
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36812	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	136982	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	96463	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	246437	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	270286	20.00	ng	-0.04
86) Perylene-d12	24.89	264	266432	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	122371	56.10	ng	-0.02
7) Phenol-d6	7.21	99	114676	35.62	ng	-0.01
23) Nitrobenzene-d5	9.21	82	304489	105.66	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	180220	145.94	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	685725	92.41	ng	-0.03
78) Terphenyl-d14	20.02	244	1087661	84.29	ng	-0.03
Target Compounds						
13) 1,4-Dichlorobenzene	8.08	146	5943	2.110	ng	Qvalue # 84
49) Dimethylphthalate	14.12	163	48657	5.784	ng	# 99
51) Acenaphthene	14.74	154	15551	2.420	ng	94

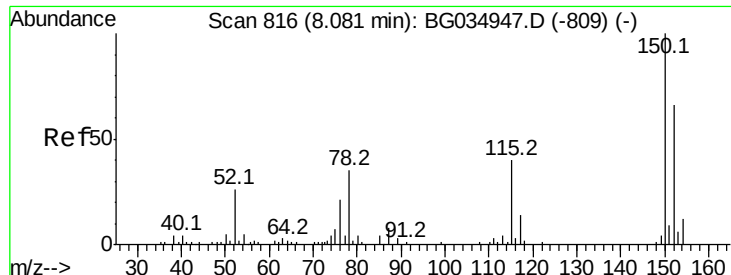
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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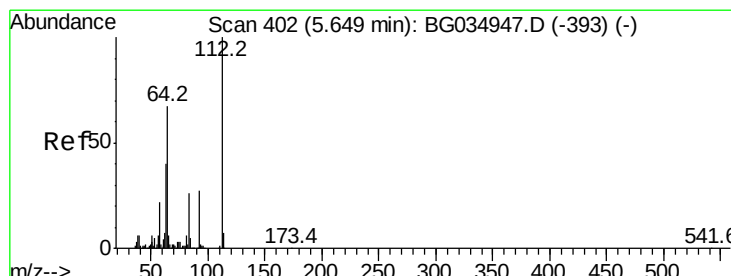
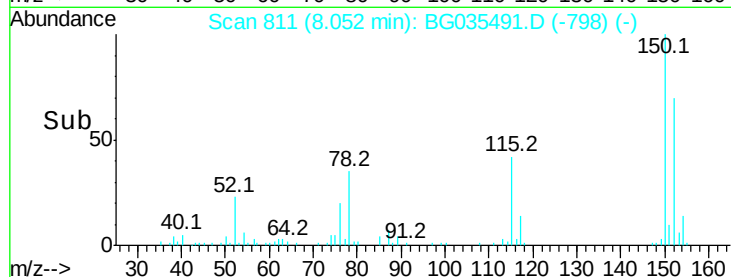
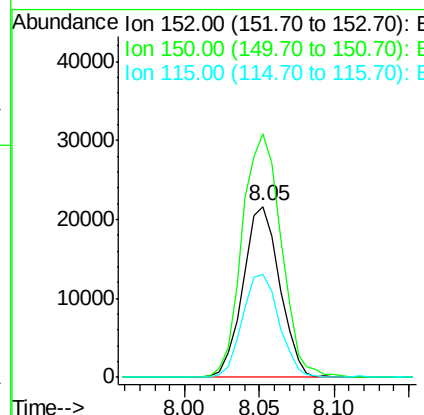
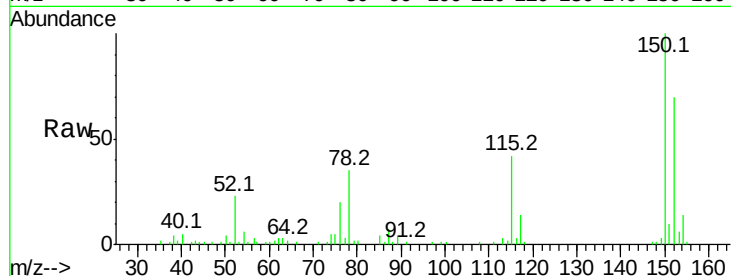


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035491.D
 Acq: 28 Jun 2018 23:31

Instrument :
 BNA_G
 ClientSampleId :
 W-29

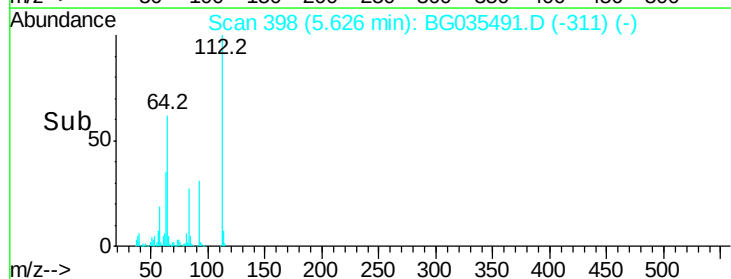
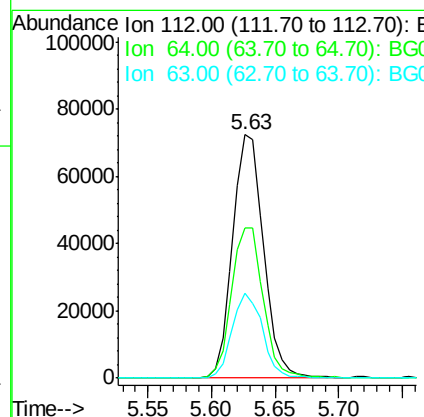
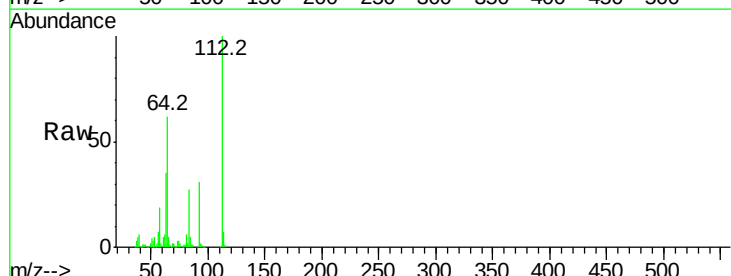
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.2	126.6	189.8
115	59.9	53.0	79.4

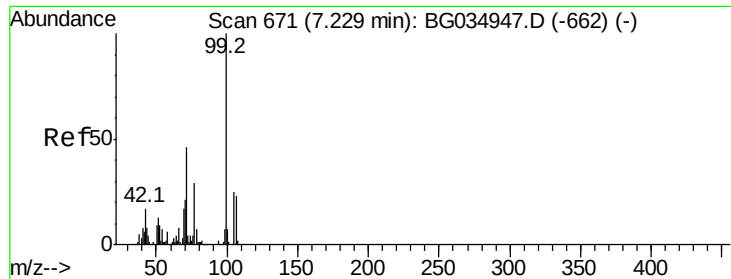


#5

2-Fluorophenol
 Concen: 56.100 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BG035491.D
 Acq: 28 Jun 2018 23:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	56.3	84.5
63	34.8	30.1	45.1





#7

Phenol-d6

Concen: 35.619 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

Instrument :

BNA_G

ClientSampleId :

W-29

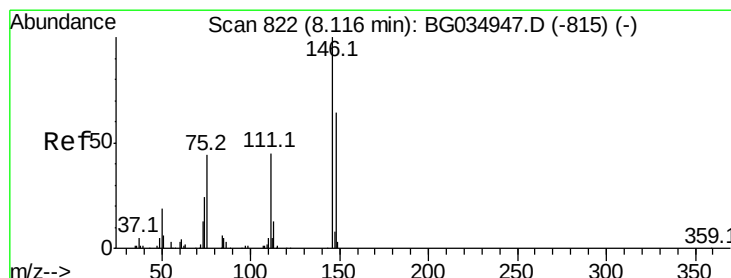
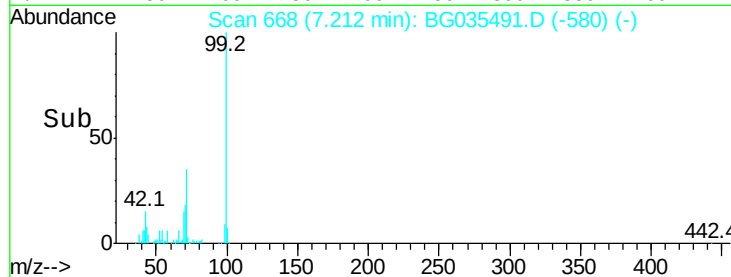
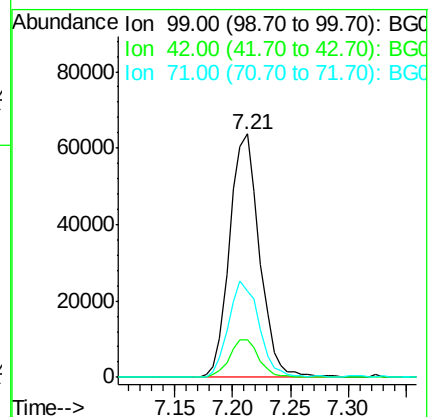
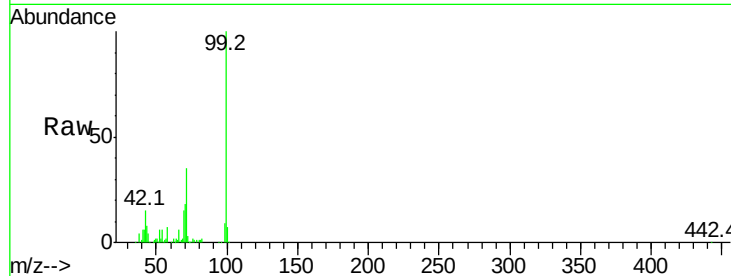
Tot Ion: 99 Resp: 114676

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 35.4 26.1 39.1



#13

1,4-Dichlorobenzene

Concen: 2.110 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.03 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

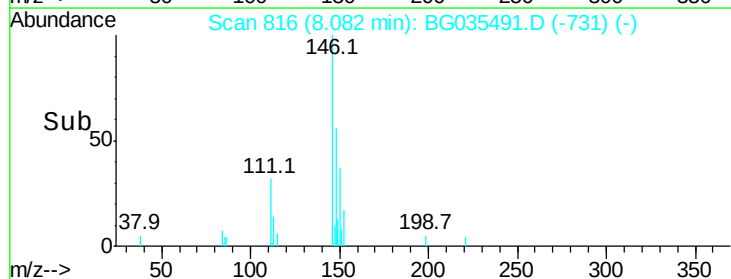
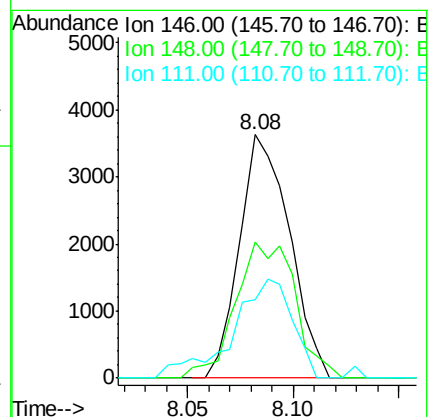
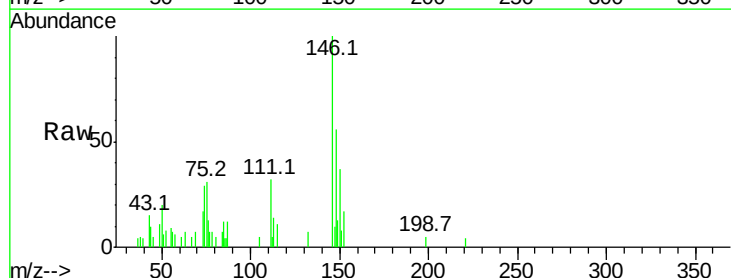
Tgt Ion: 146 Resp: 5943

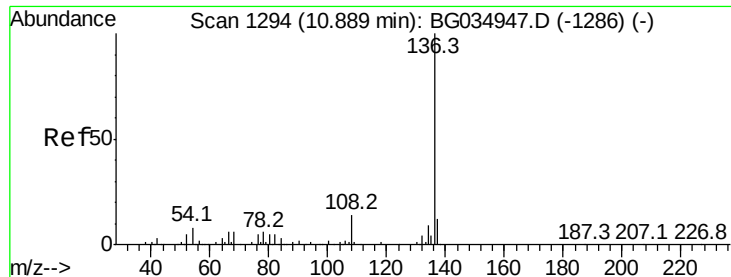
Ion Ratio Lower Upper

146 100

148 56.0 53.7 80.5

111 32.3 35.2 52.8#

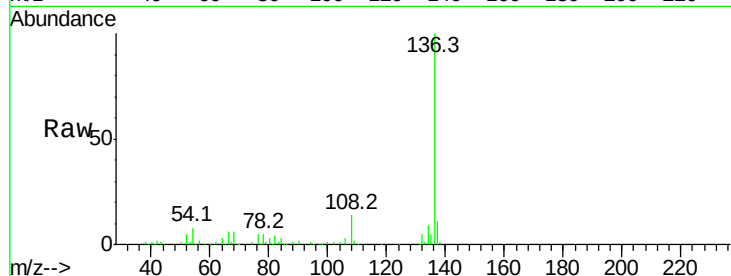




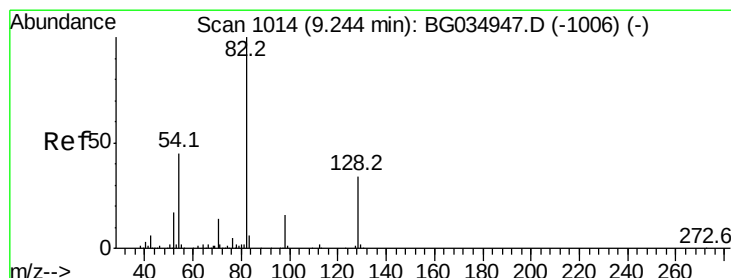
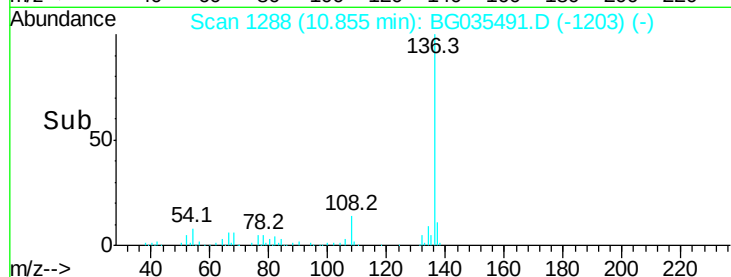
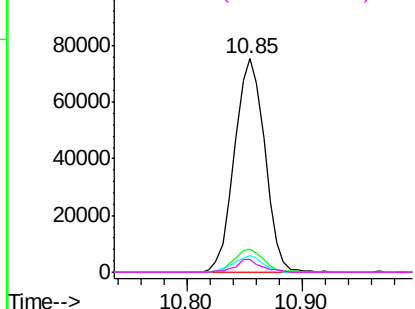
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035491.D
Acq: 28 Jun 2018 23:31

Instrument :
BNA_G
ClientSampleId :
W-29

Tot Ion:	136	Resp:	136982
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.6	10.3	15.5
68	6.0	4.5	6.7

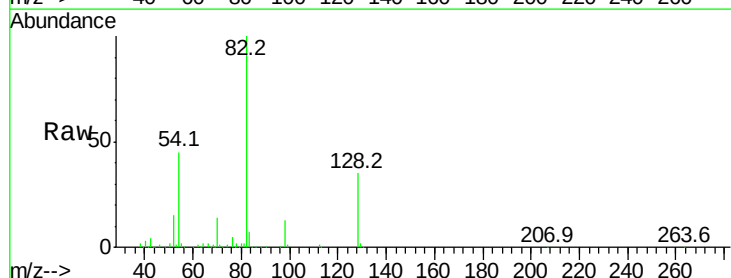


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

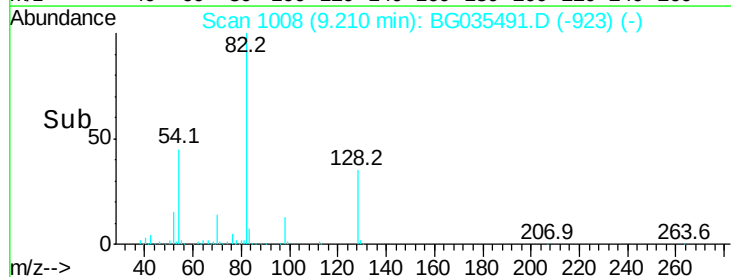
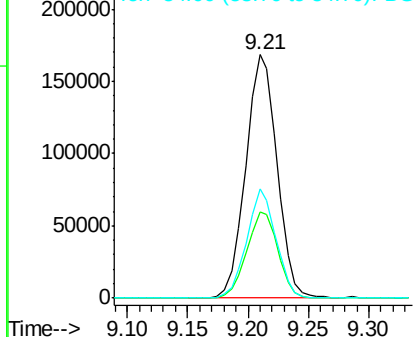


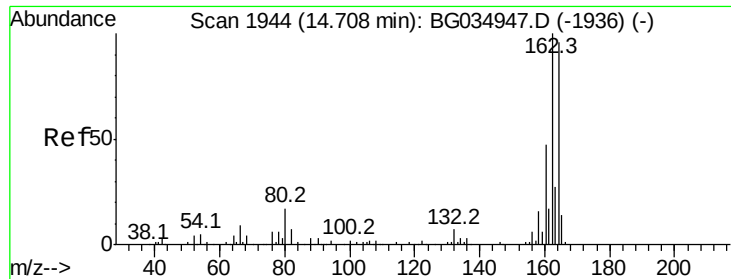
#23
Nitrobenzene-d5
Concen: 105.661 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035491.D
Acq: 28 Jun 2018 23:31

Tgt Ion:	82	Resp:	304489
Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	45.0	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: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

Instrument :

BNA_G

ClientSampleId :

W-29

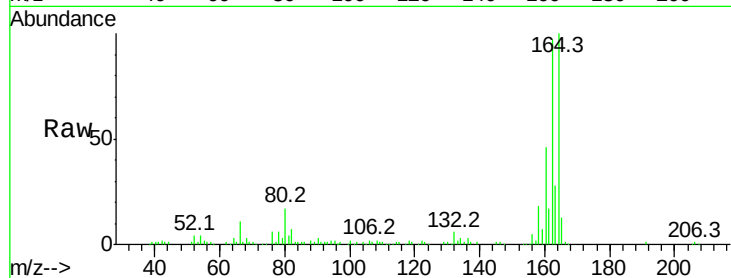
Tot Ion:164 Resp: 96463

Ion Ratio Lower Upper

164 100

162 97.0 78.8 118.2

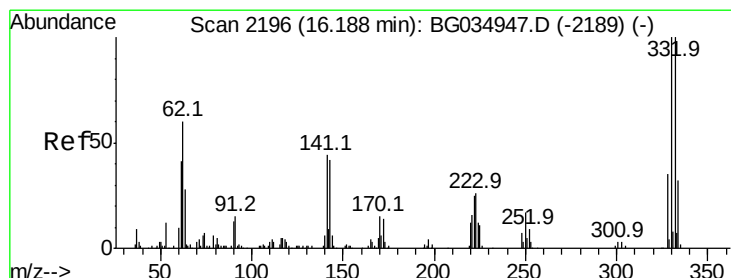
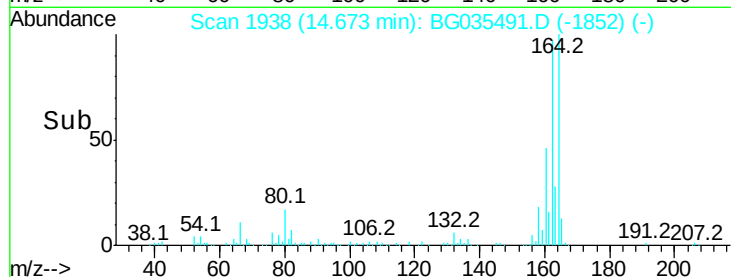
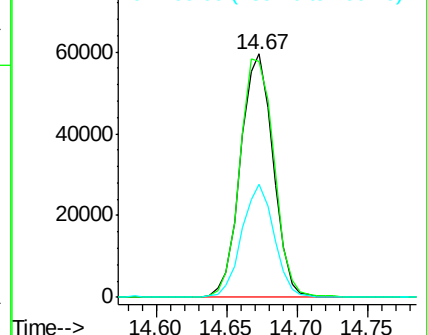
160 46.2 35.4 53.0



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: 145.945 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

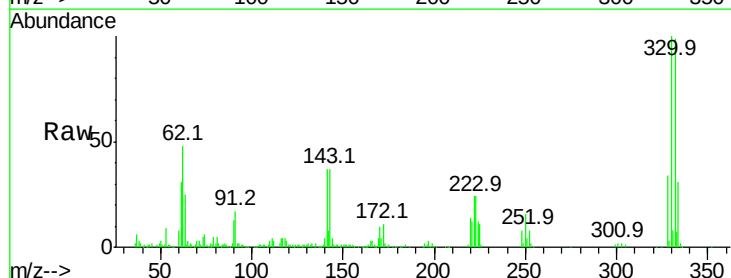
Tgt Ion:330 Resp: 180220

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

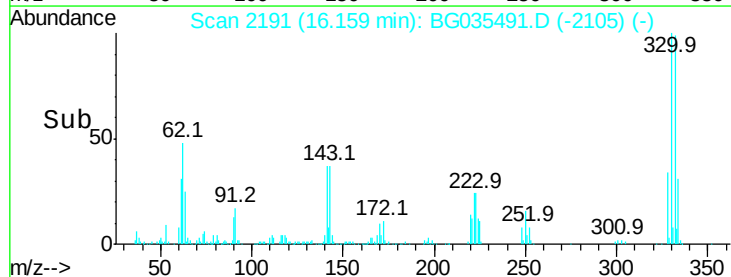
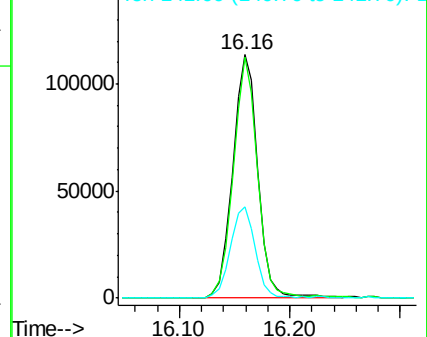
141 37.4 25.2 37.8

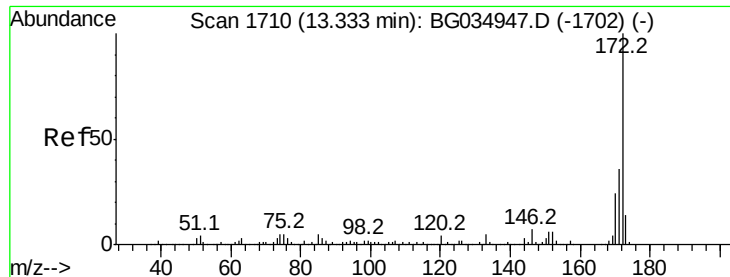


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

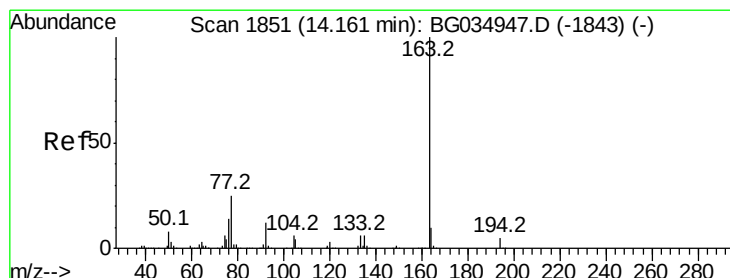
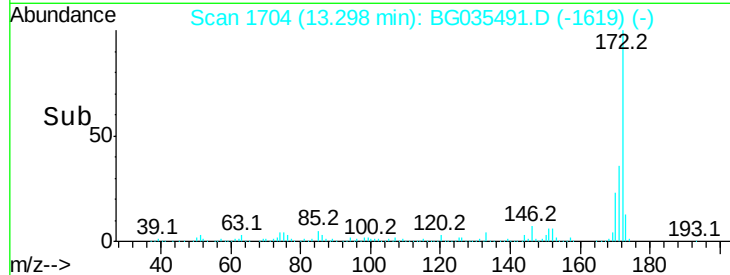
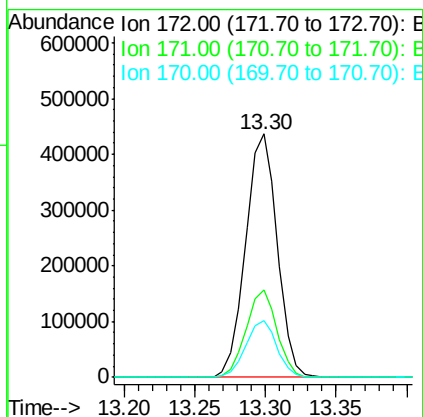
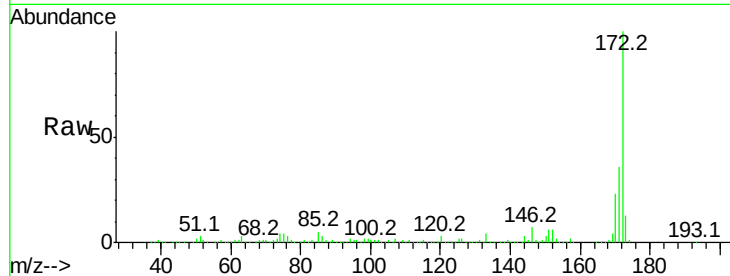




#44
2-Fluorobiphenyl
Concen: 92.413 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035491.D
Acq: 28 Jun 2018 23:31

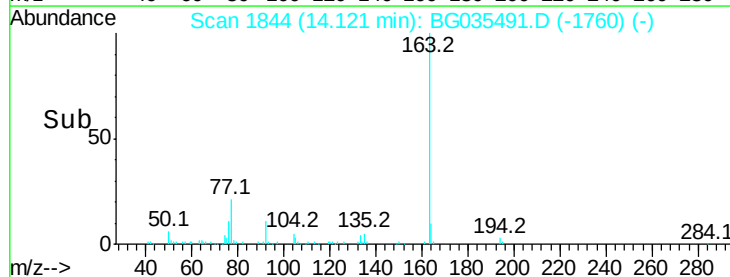
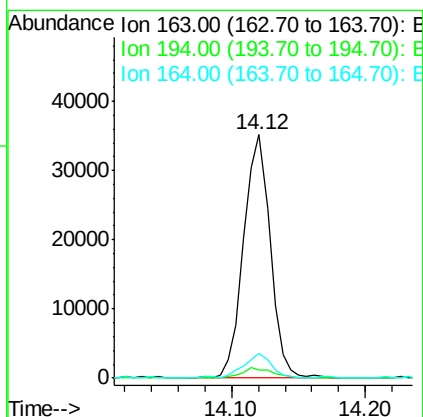
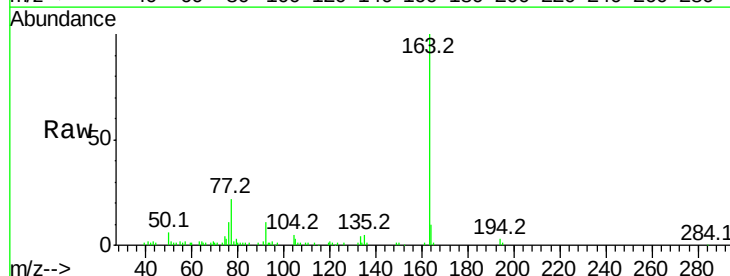
Instrument :
BNA_G
ClientSampleId :
W-29

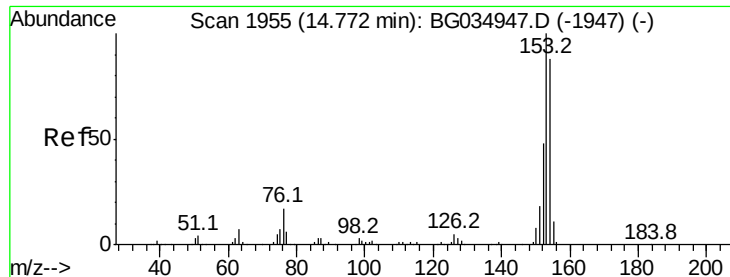
Tot Ion:172 Resp: 685725
Ion Ratio Lower Upper
172 100
171 35.8 30.0 45.0
170 23.4 19.5 29.3



#49
Dimethylphthalate
Concen: 5.784 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035491.D
Acq: 28 Jun 2018 23:31

Tgt Ion:163 Resp: 48657
Ion Ratio Lower Upper
163 100
194 3.3 3.4 5.2#
164 10.2 8.2 12.4





#51

Acenaphthene

Concen: 2.420 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

Instrument :

BNA_G

ClientSampleId :

W-29

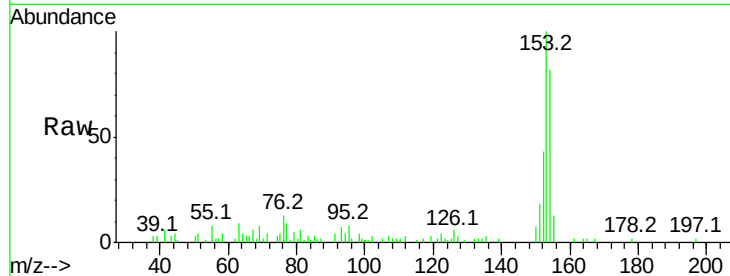
Tot Ion:154 Resp: 15551

Ion Ratio Lower Upper

154 100

153 122.0 90.4 135.6

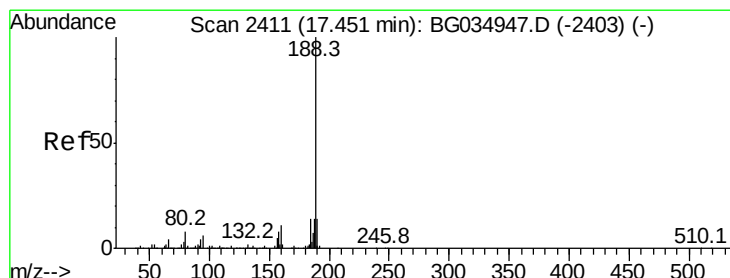
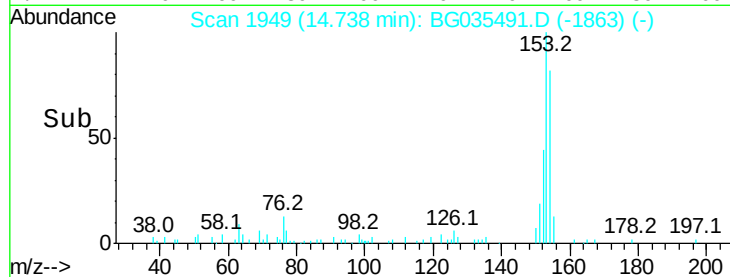
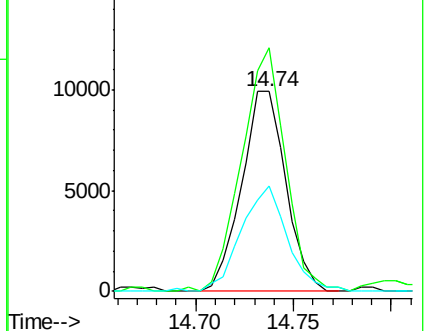
152 52.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

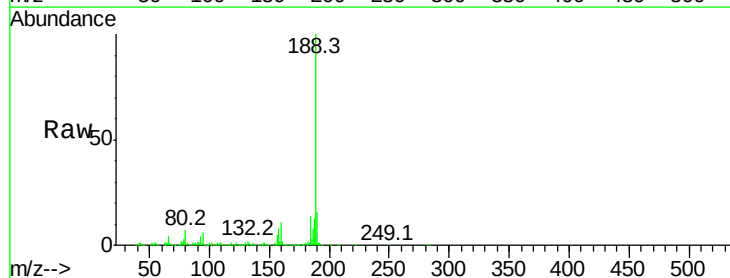
Tgt Ion:188 Resp: 246437

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

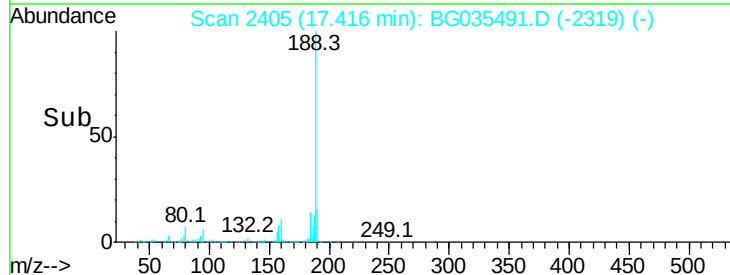
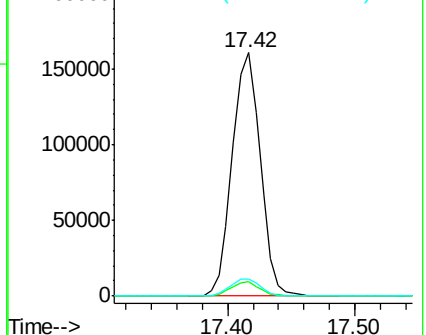
80 7.1 7.7 11.5#

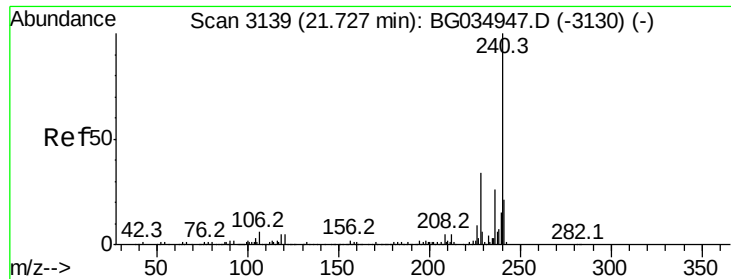


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035491.D

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W-29

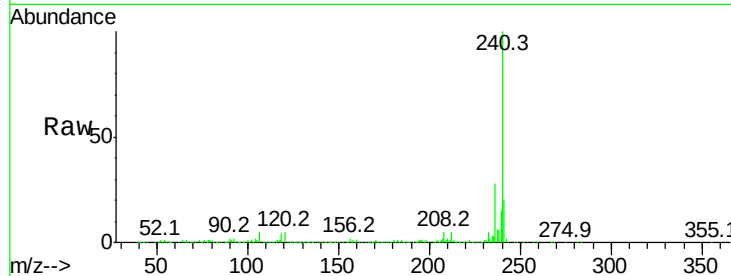
Tot Ion:240 Resp: 270286

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

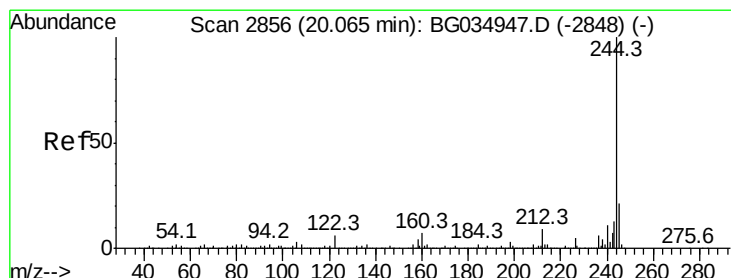
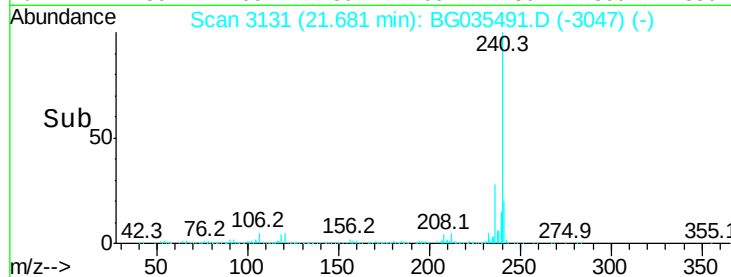
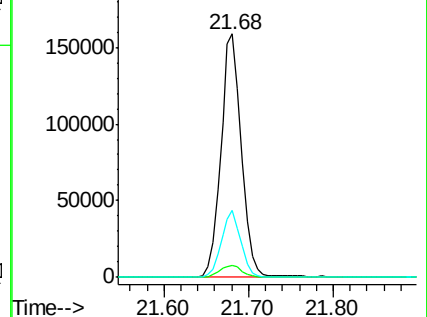
236 27.5 20.9 31.3



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: 84.292 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

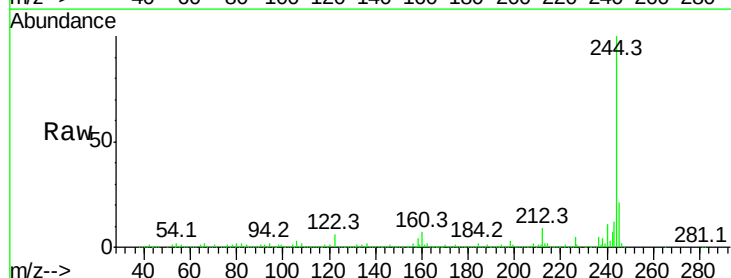
Tgt Ion:244 Resp: 1087661

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

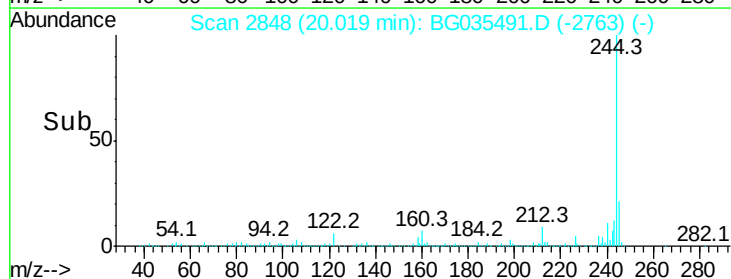
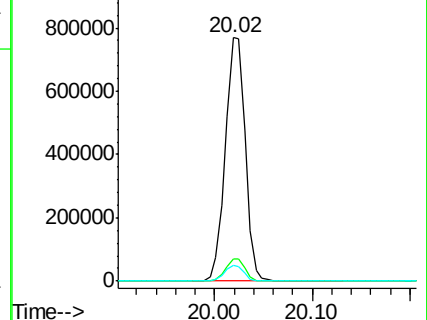
122 6.3 7.0 10.4#

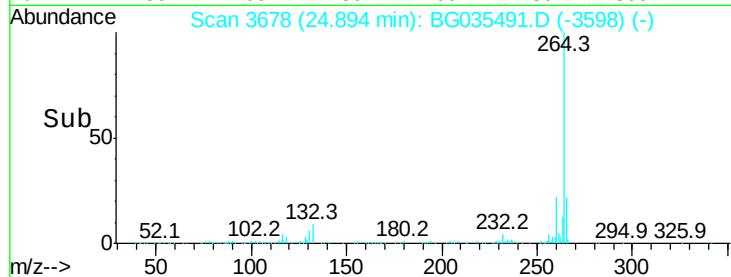
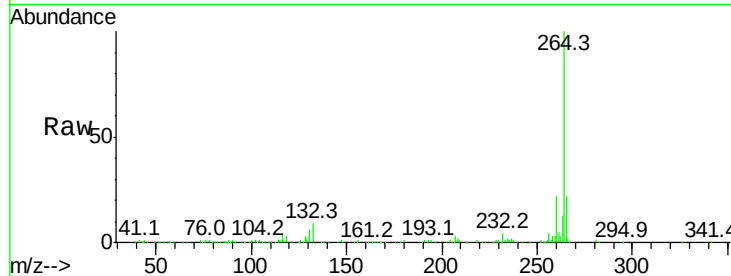
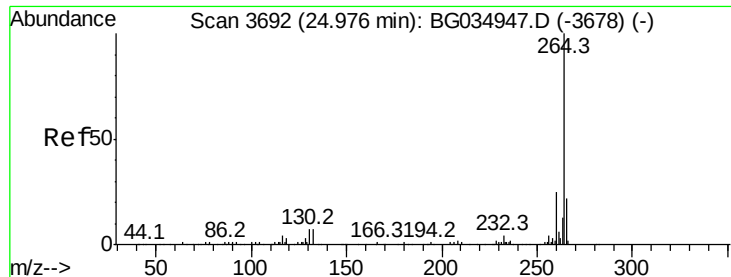


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035491.D
 Acq: 28 Jun 2018 23:31

Instrument :
 BNA_G
 ClientSampleId :
 W-29

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	21.8	17.7	26.5

