

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035581.D
 Acq On : 3 Jul 2018 11:16
 Operator : JU/SJ
 Sample : J3799-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Quant Time: Jul 03 12:00:50 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

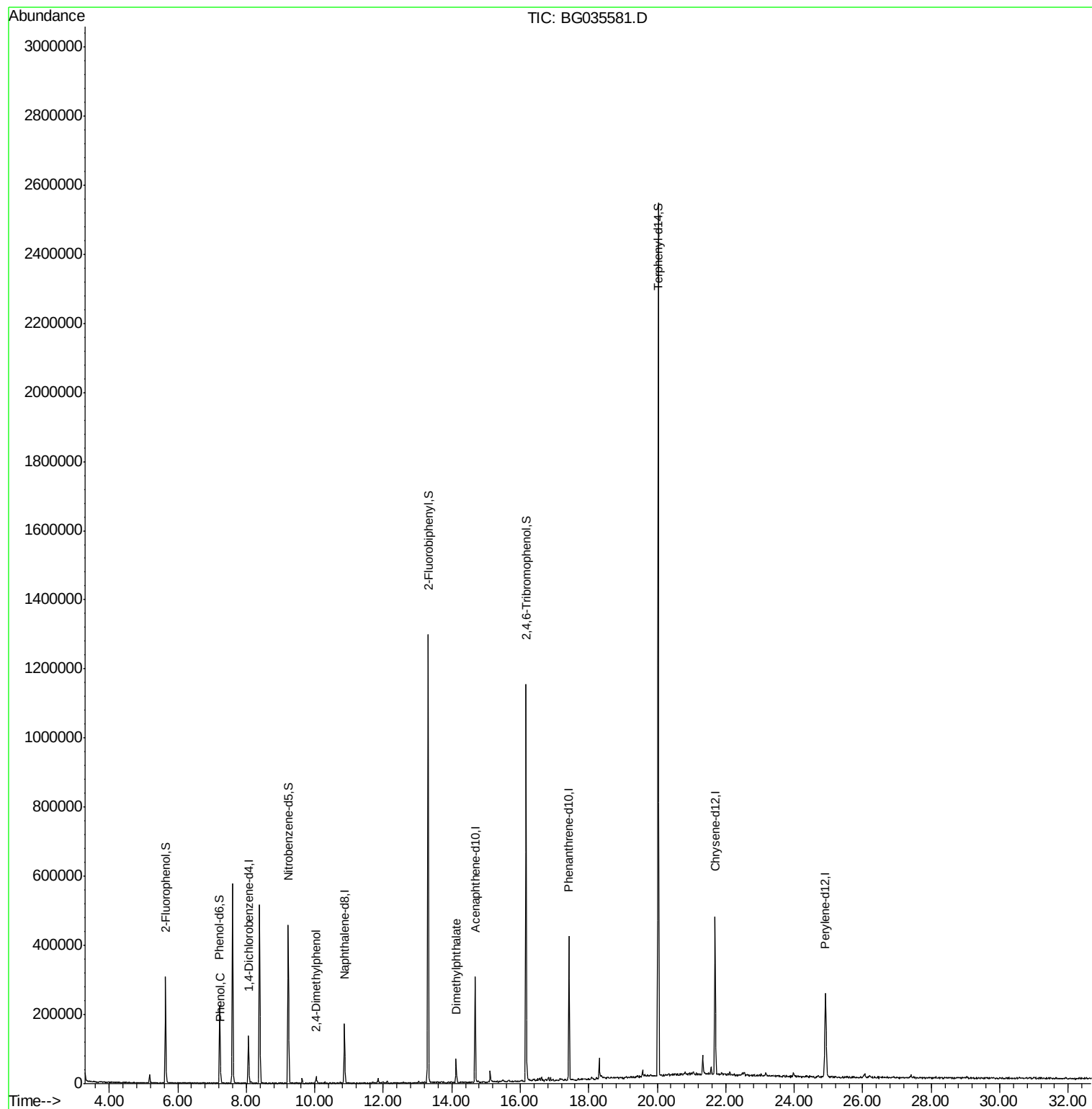
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	36870	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	144983	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	106679	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	266162	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	286011	20.00	ng	-0.02
86) Perylene-d12	24.91	264	271848	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	130043	59.52	ng	0.00
7) Phenol-d6	7.22	99	134697	41.77	ng	0.00
23) Nitrobenzene-d5	9.23	82	300843	98.63	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	209482	153.40	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	688771	83.93	ng	-0.02
78) Terphenyl-d14	20.03	244	1204918	88.25	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	7370	2.209	ng	90
27) 2,4-Dimethylphenol	10.04	122	7583	3.351	ng	92
49) Dimethylphthalate	14.13	163	46587	5.008	ng	# 97

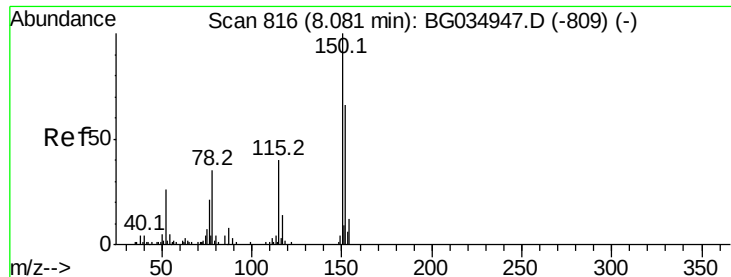
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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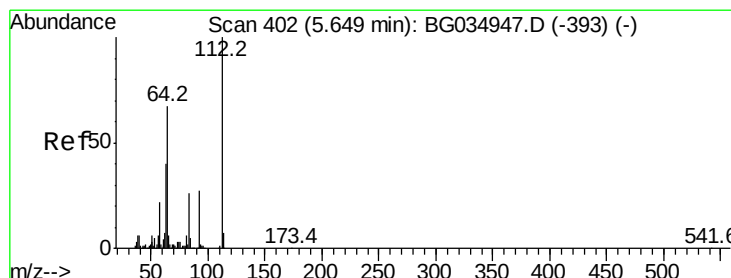
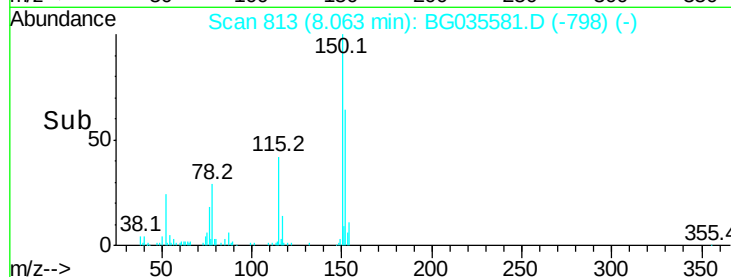
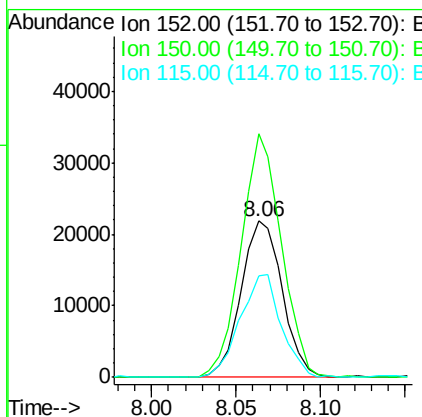
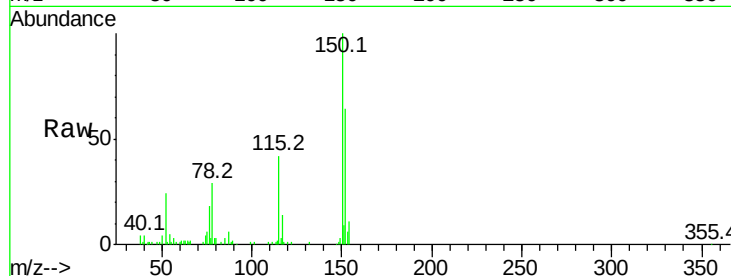


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

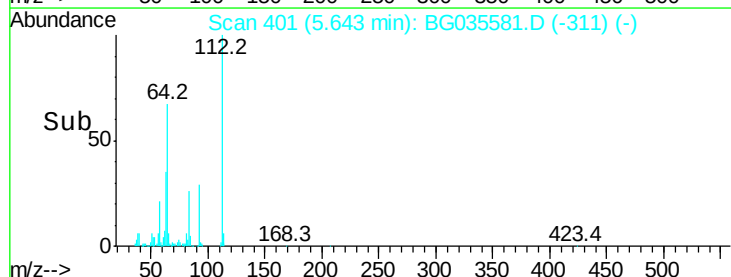
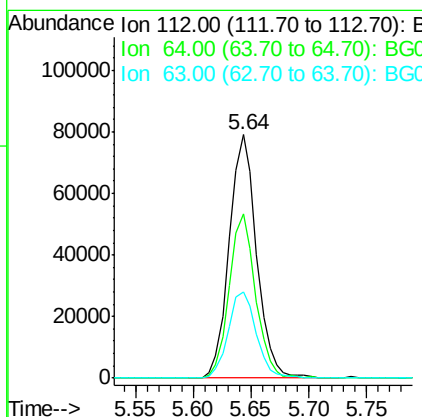
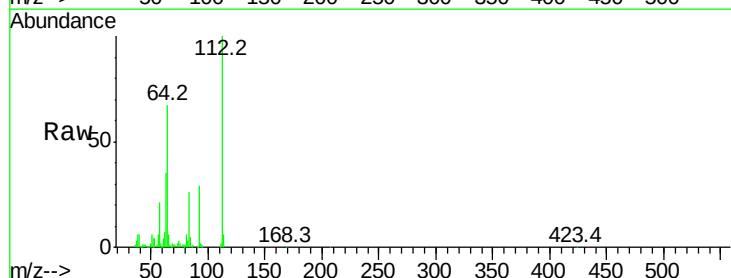
Tot Ion:152 Resp: 36870
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 64.8 53.0 79.4

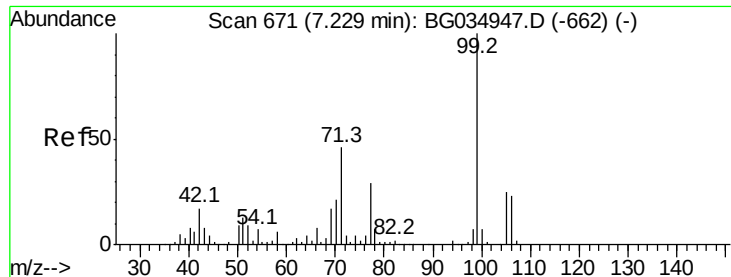


#5

2-Fluorophenol
Concen: 59.523 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion:112 Resp: 130043
Ion Ratio Lower Upper
112 100
64 67.4 56.3 84.5
63 35.5 30.1 45.1





#7

Phenol-d6

Concen: 41.772 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035581.D

Acq: 3 Jul 2018 11:16

Instrument :

BNA_G

ClientSampleId :

MW-16

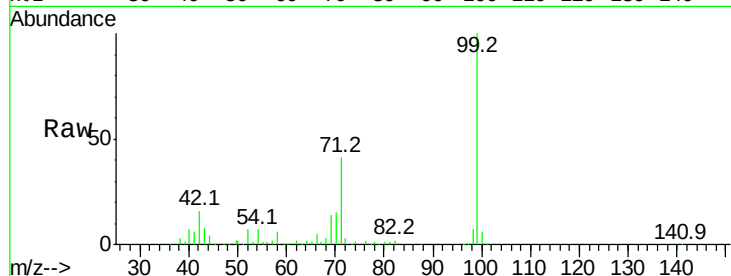
Tot Ion: 99 Resp: 134697

Ion Ratio Lower Upper

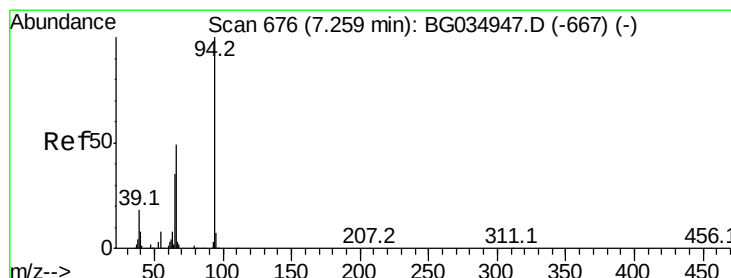
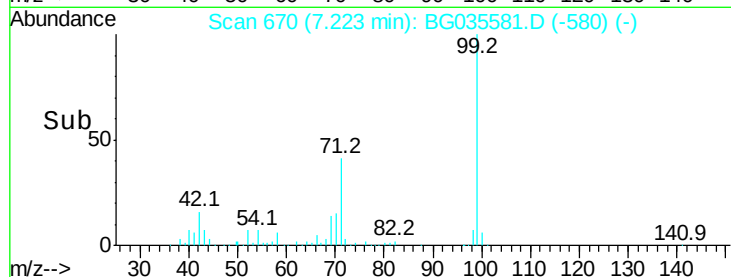
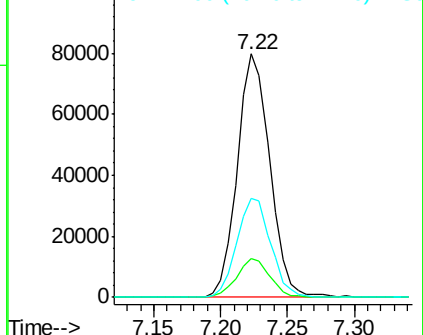
99 100

42 16.2 14.1 21.1

71 40.5 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: 2.209 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG035581.D

Acq: 3 Jul 2018 11:16

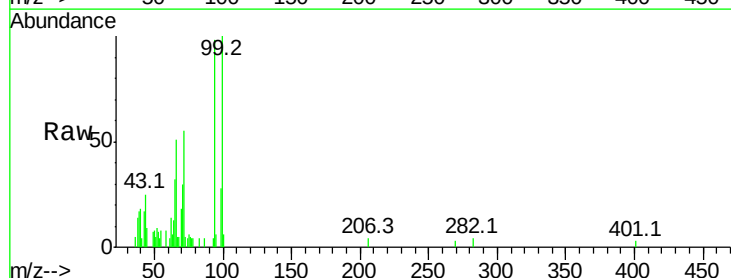
Tgt Ion: 94 Resp: 7370

Ion Ratio Lower Upper

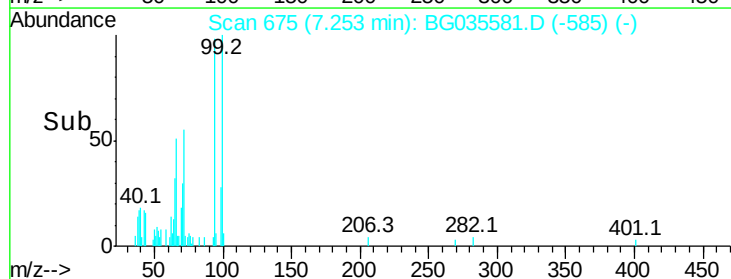
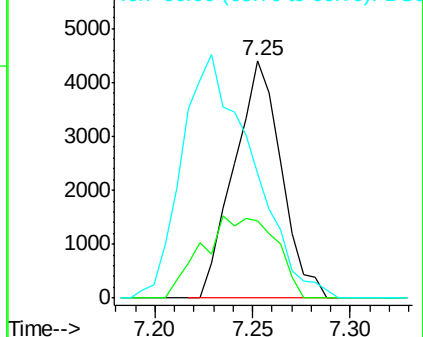
94 100

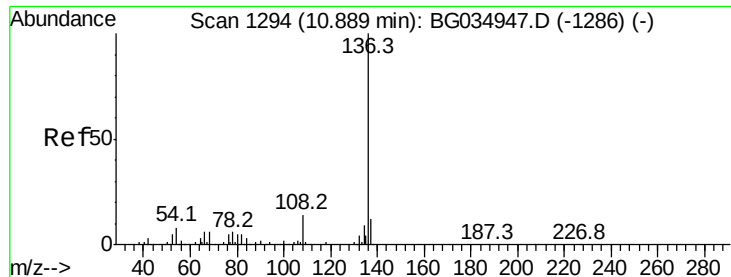
65 32.3 11.9 51.9

66 52.6 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

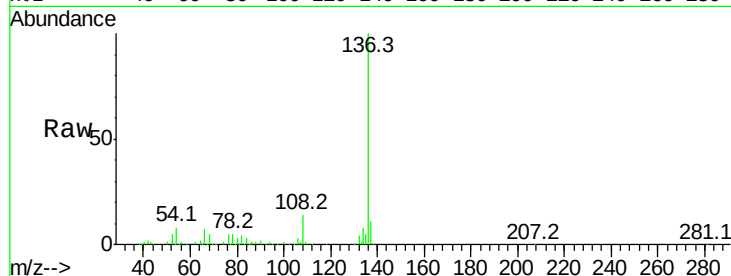




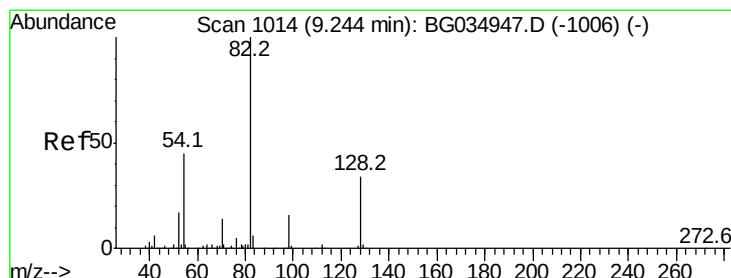
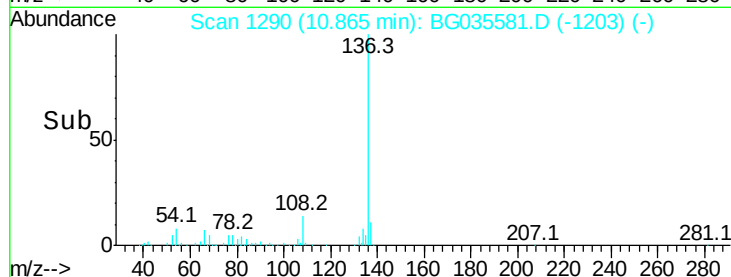
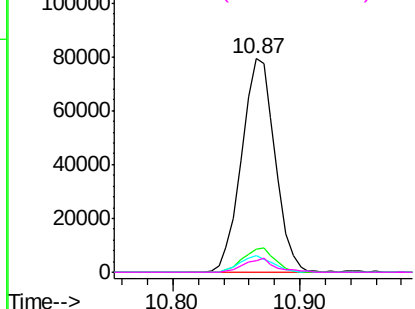
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

Tot Ion:	136	Resp:	144983
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.6	10.3	15.5#
68	5.4	4.5	6.7

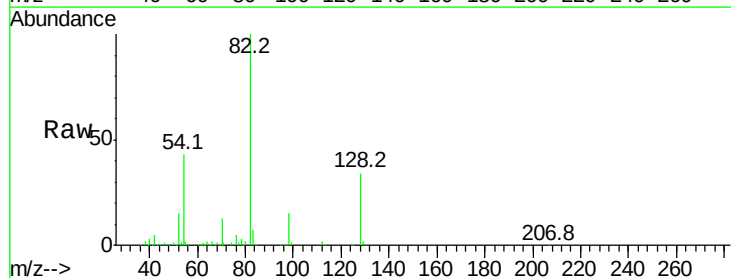


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

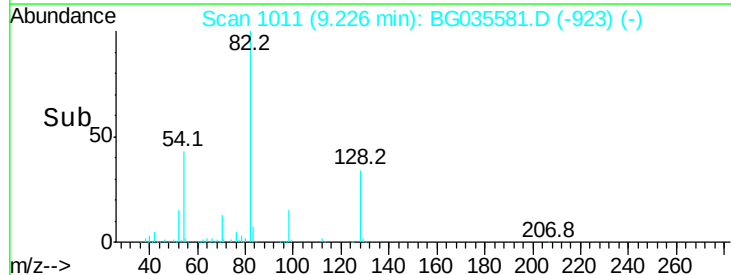
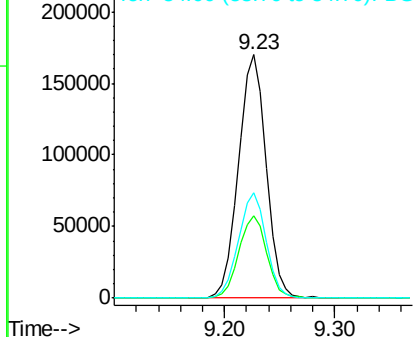


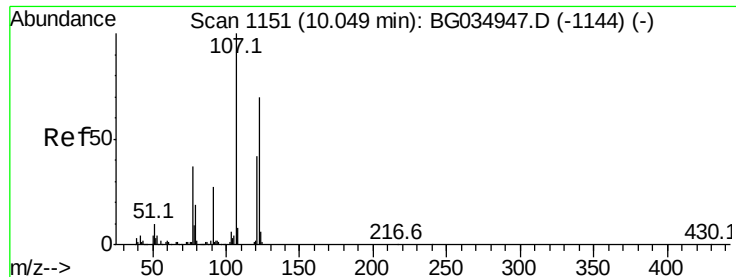
#23
Nitrobenzene-d5
Concen: 98.635 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion:	82	Resp:	300843
Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	43.3	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

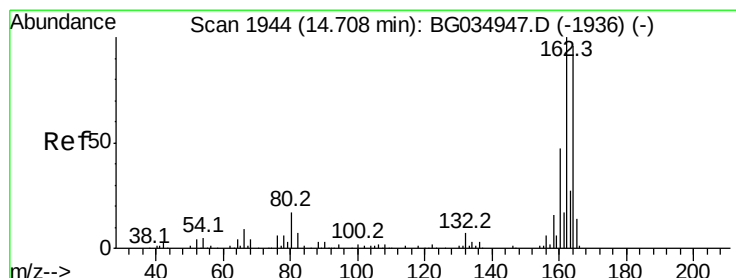
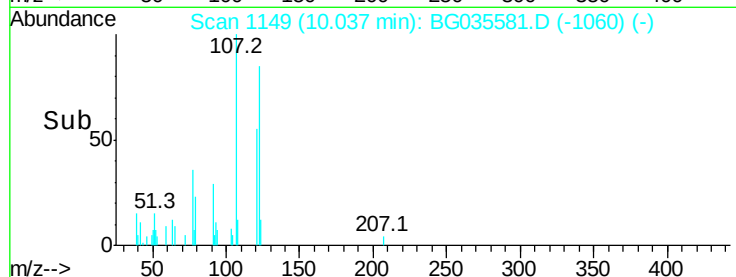
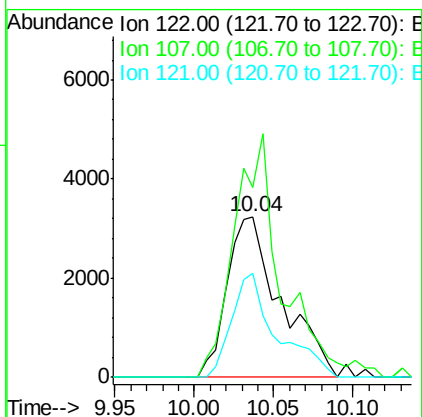
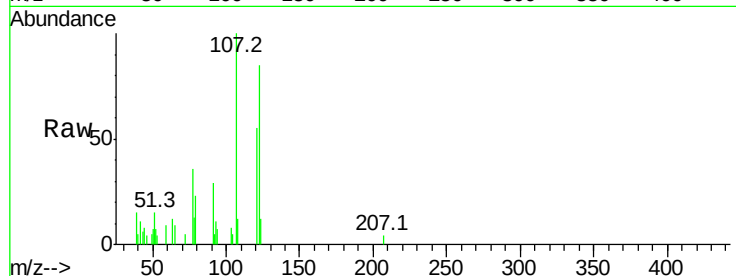




#27
2,4-Dimethylphenol
Concen: 3.351 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

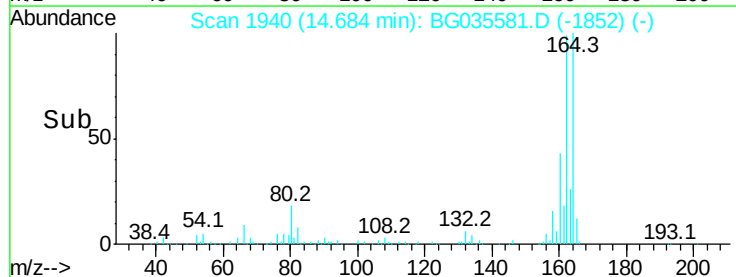
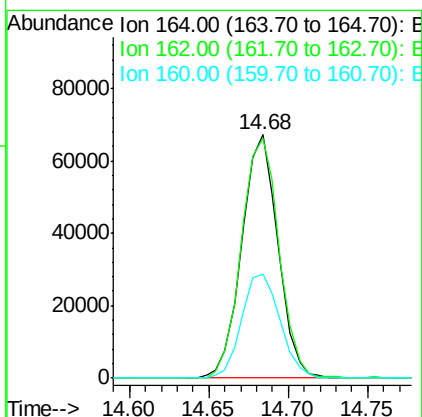
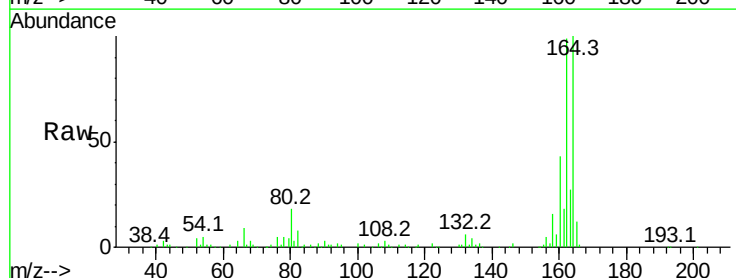
Instrument :
BNA_G
ClientSampleId :
MW-16

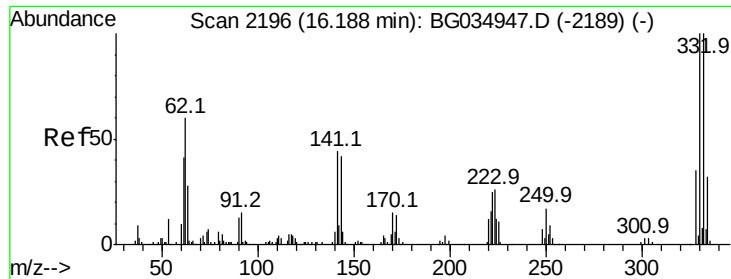
Tot Ion:122 Resp: 7583
Ion Ratio Lower Upper
122 100
107 118.3 100.2 150.2
121 64.9 44.4 66.6



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion:164 Resp: 106679
Ion Ratio Lower Upper
164 100
162 98.7 78.8 118.2
160 42.8 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 153.396 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035581.D

Acq: 3 Jul 2018 11:16

Instrument :

BNA_G

ClientSampled :

MW-16

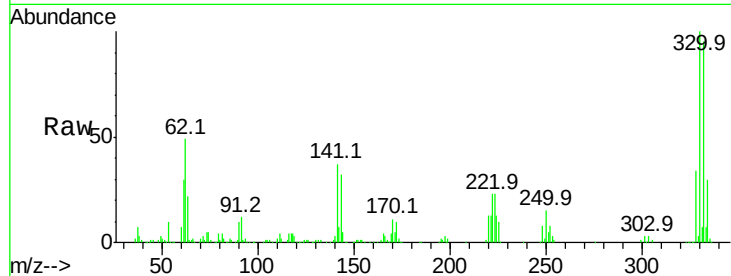
Tot Ion:330 Resp: 209482

Ion Ratio Lower Upper

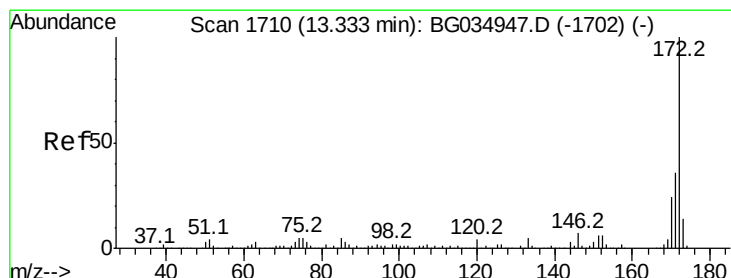
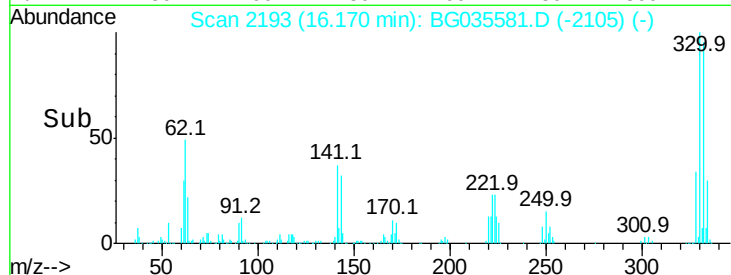
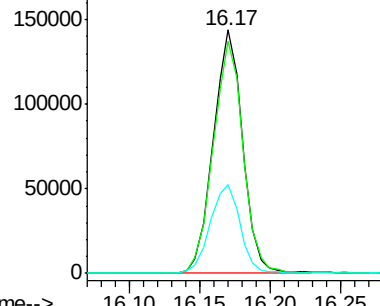
330 100

332 97.5 77.0 115.6

141 37.3 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: 83.934 ng

RT: 13.31 min Scan# 1706

Delta R.T. -0.02 min

Lab File: BG035581.D

Acq: 3 Jul 2018 11:16

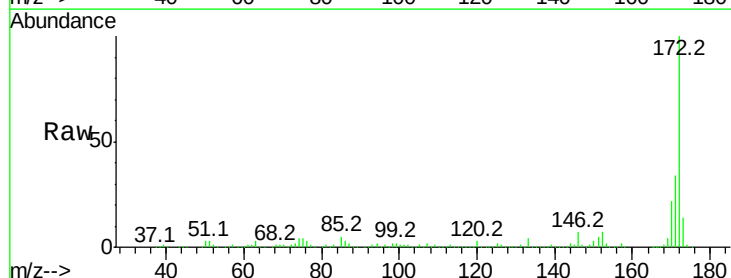
Tgt Ion:172 Resp: 688771

Ion Ratio Lower Upper

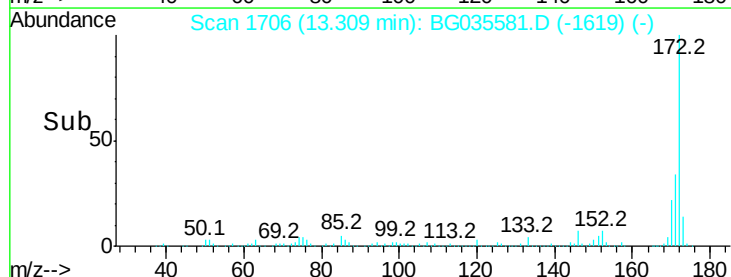
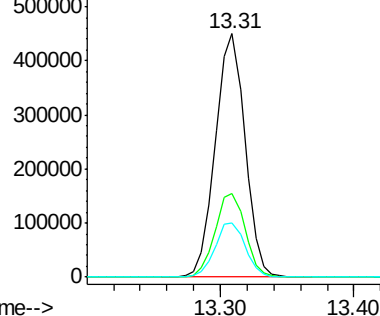
172 100

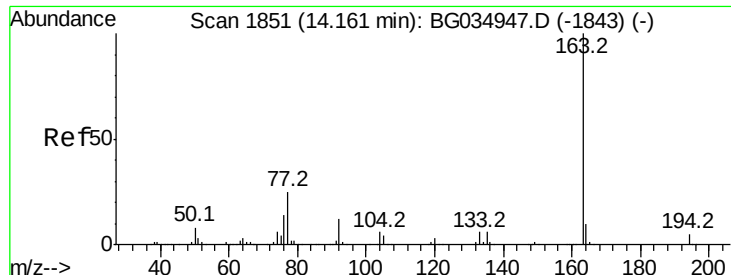
171 34.2 30.0 45.0

170 22.2 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

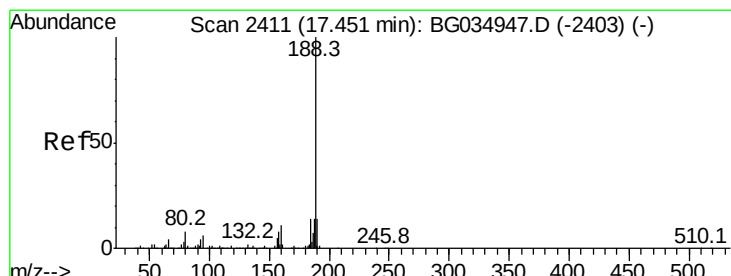
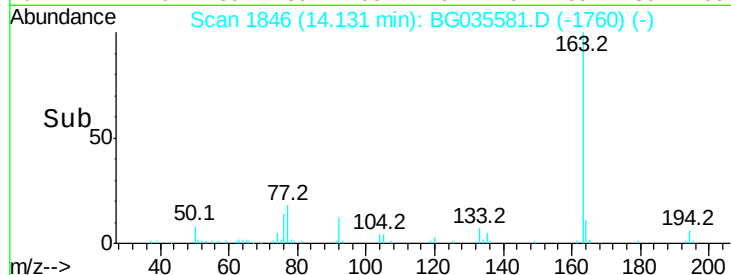
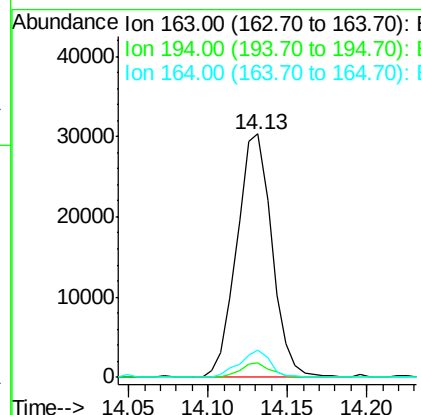
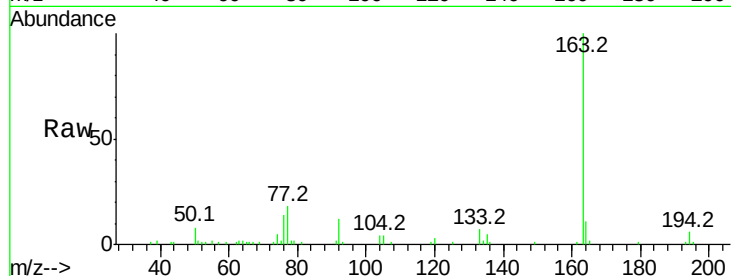




#49
 Dimethylphthalate
 Concen: 5.008 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BG035581.D
 Acq: 3 Jul 2018 11:16

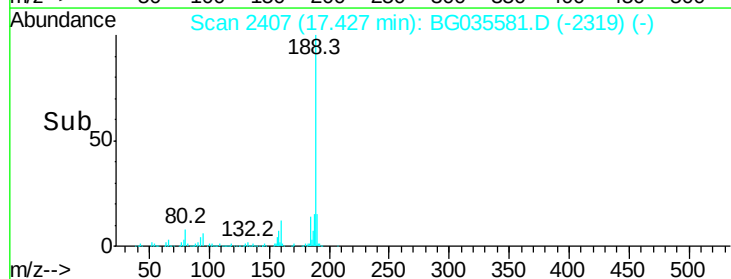
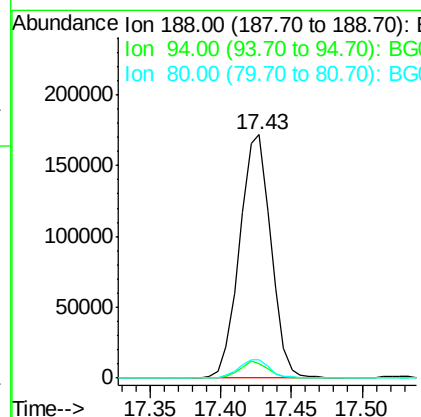
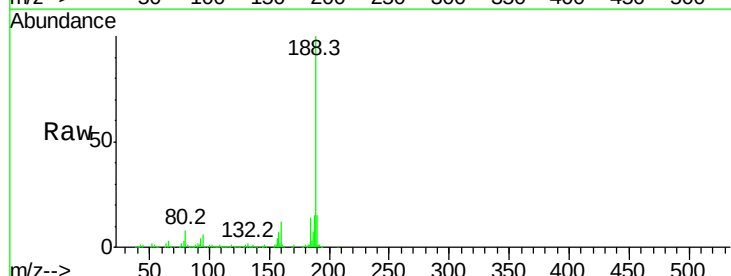
Instrument :
 BNA_G
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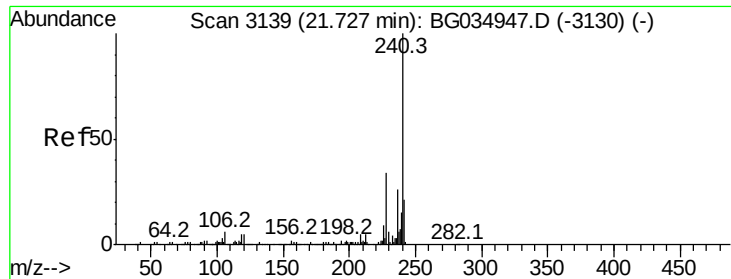
Tot Ion:163 Resp: 46587
 Ion Ratio Lower Upper
 163 100
 194 5.7 3.4 5.2#
 164 11.3 8.2 12.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035581.D
 Acq: 3 Jul 2018 11:16

Tgt Ion:188 Resp: 266162
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.9 10.3#
 80 7.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035581.D

Acq: 3 Jul 2018 11:16

Instrument :

BNA_G

ClientSampleId :

MW-16

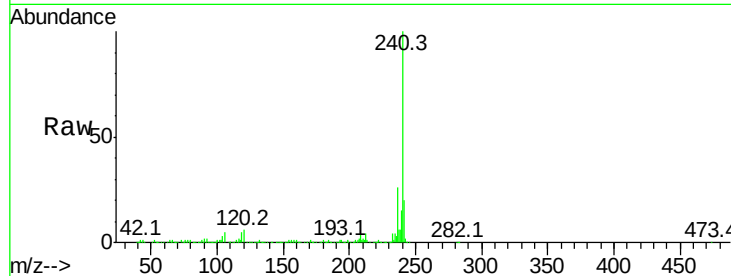
Tot Ion:240 Resp: 286011

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

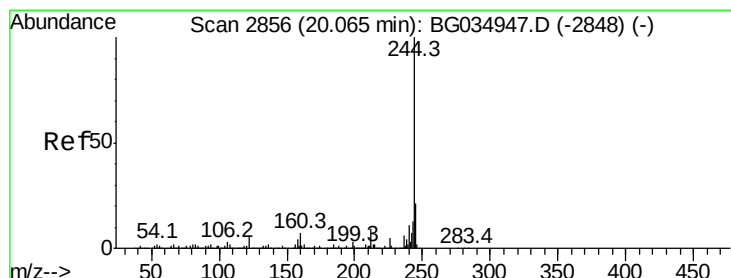
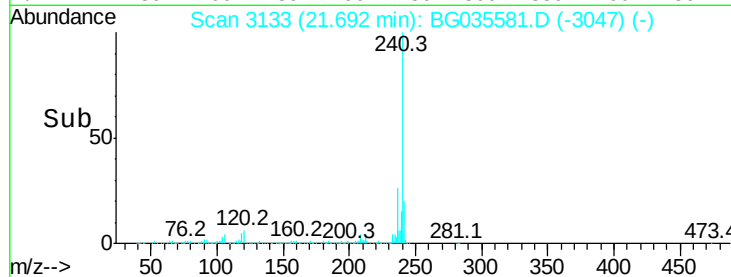
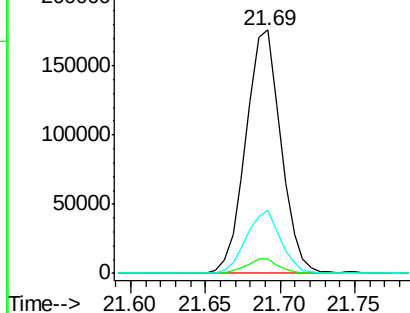
236 25.9 20.9 31.3



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: 88.245 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035581.D

Acq: 3 Jul 2018 11:16

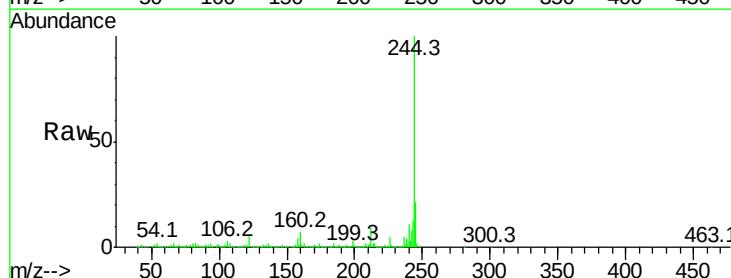
Tgt Ion:244 Resp: 1204918

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

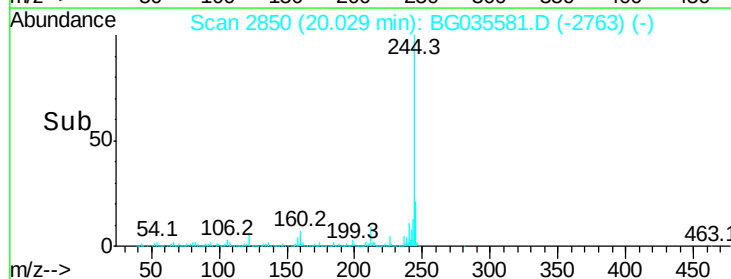
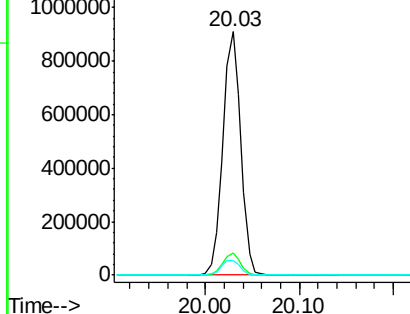
122 6.1 7.0 10.4#

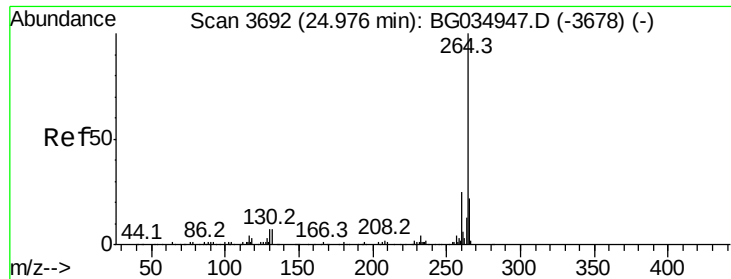


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.4	17.7	26.5

