

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035359.D
 Acq On : 23 Jun 2018 9:02
 Operator : JU/SJ
 Sample : J3587-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-U-B

Quant Time: Jun 25 06:53:36 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

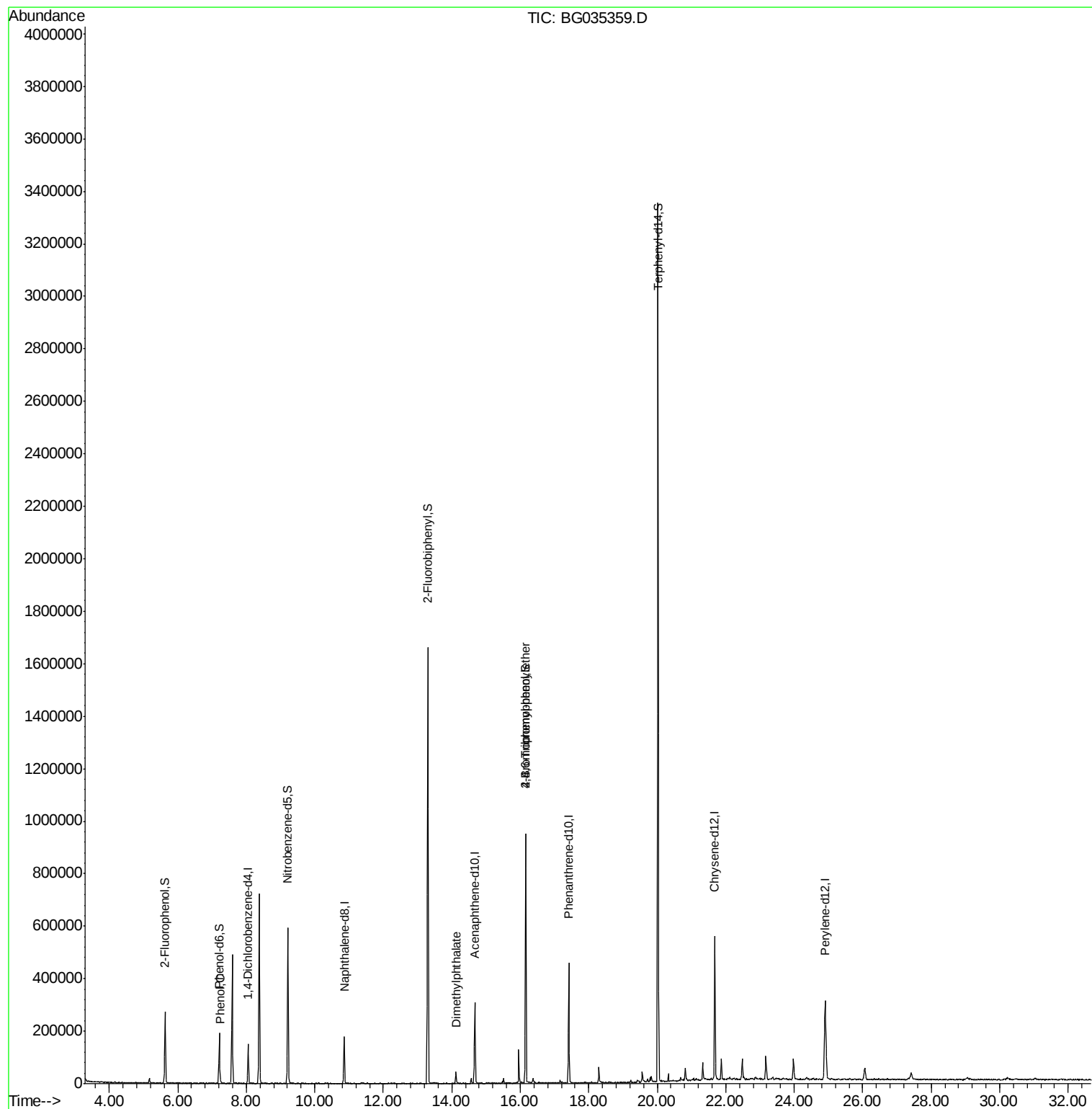
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44325	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	152766	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	106610	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	290427	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	336499	20.00	ng	-0.04
86) Perylene-d12	24.91	264	326631	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	121952	46.43	ng	-0.01
7) Phenol-d6	7.21	99	115379	29.76	ng	-0.01
23) Nitrobenzene-d5	9.22	82	391123	121.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	174683	128.00	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	918383	111.99	ng	-0.03
78) Terphenyl-d14	20.02	244	1598787	99.52	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	10037	2.502	ng	Qvalue 96
49) Dimethylphthalate	14.12	163	29506	3.174	ng	# 97
66) 4-Bromophenyl-phenylether	16.16	248	13926	3.982	ng	# 1

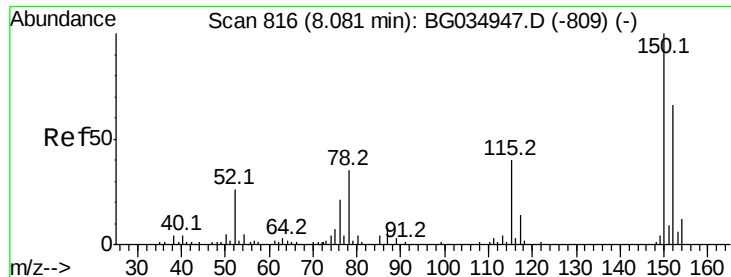
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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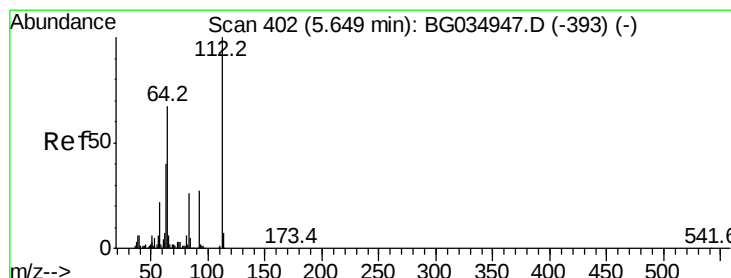
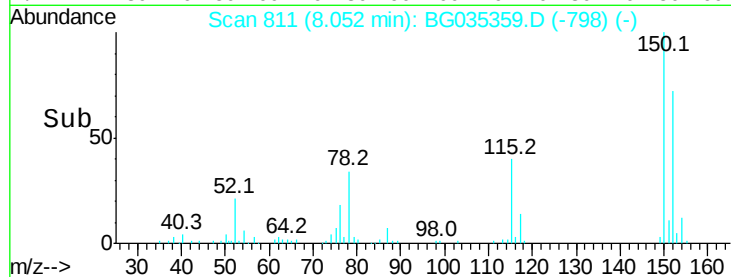
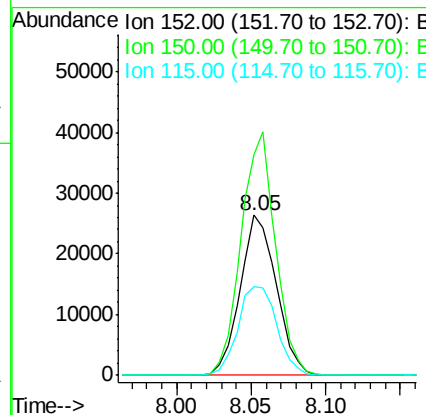
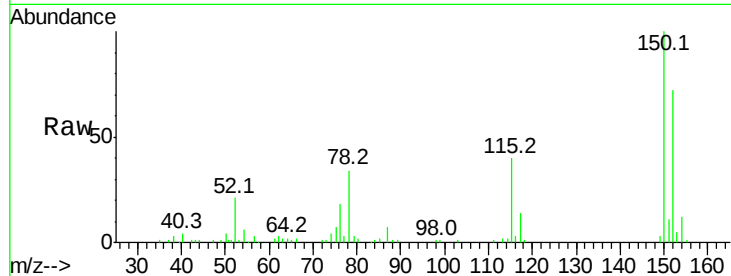


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035359.D
Acq: 23 Jun 2018 9:02

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-U-B

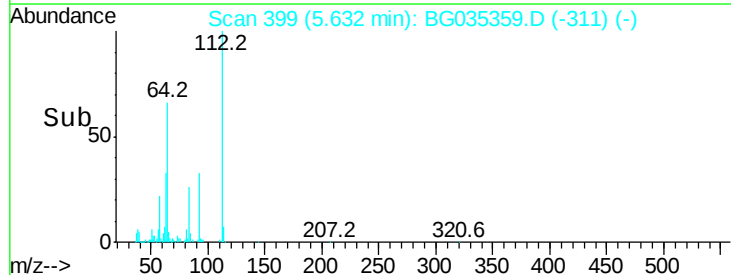
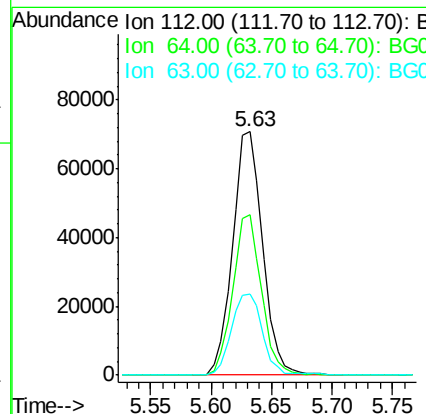
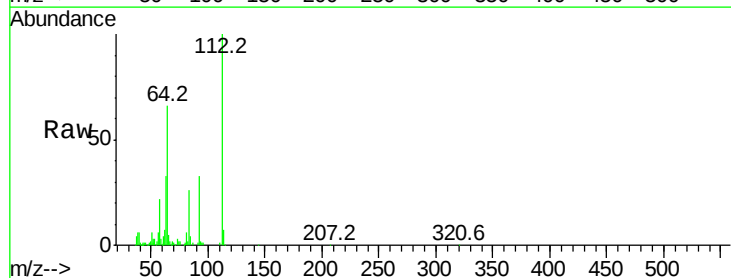
Tot Ion:152 Resp: 44325
Ion Ratio Lower Upper
152 100
150 138.4 126.6 189.8
115 55.8 53.0 79.4

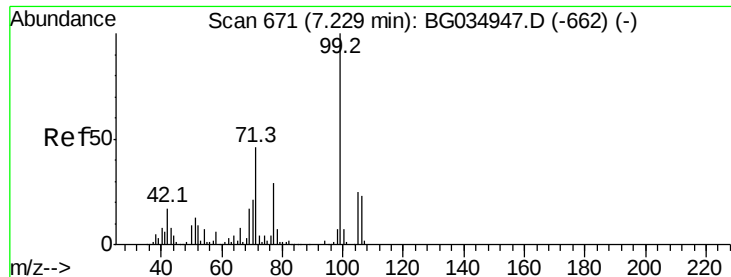


#5

2-Fluorophenol
Concen: 46.431 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035359.D
Acq: 23 Jun 2018 9:02

Tgt Ion:112 Resp: 121952
Ion Ratio Lower Upper
112 100
64 65.8 56.3 84.5
63 33.3 30.1 45.1





#7

Phenol-d6

Concen: 29.763 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035359.D

Acq: 23 Jun 2018 9:02

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-U-B

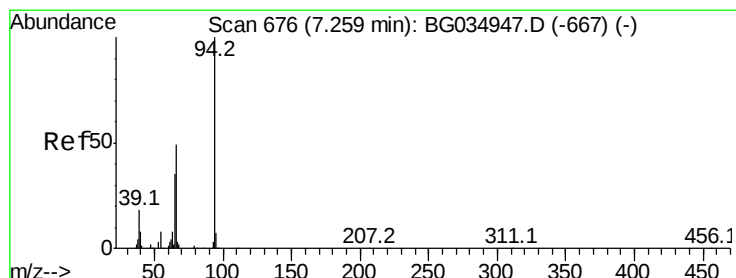
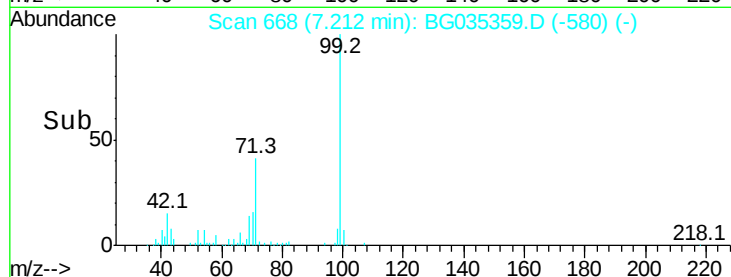
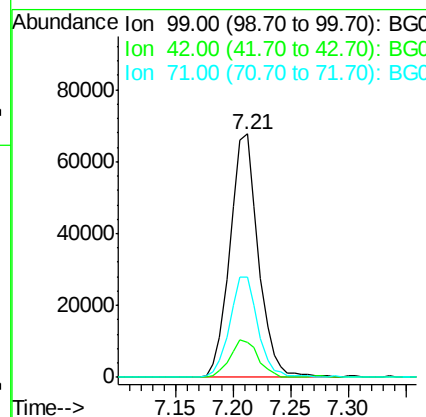
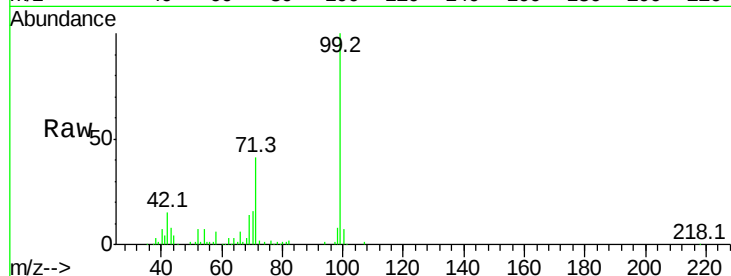
Tot Ion: 99 Resp: 115379

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

71 41.2 26.1 39.1#



#10

Phenol

Concen: 2.502 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035359.D

Acq: 23 Jun 2018 9:02

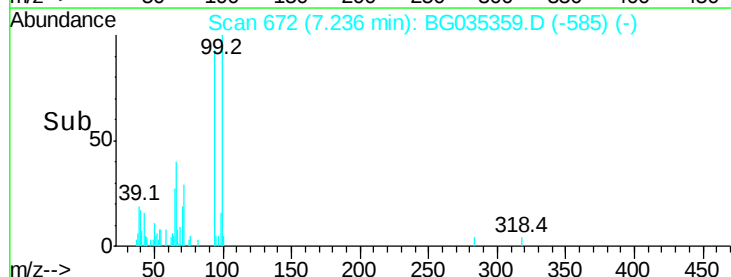
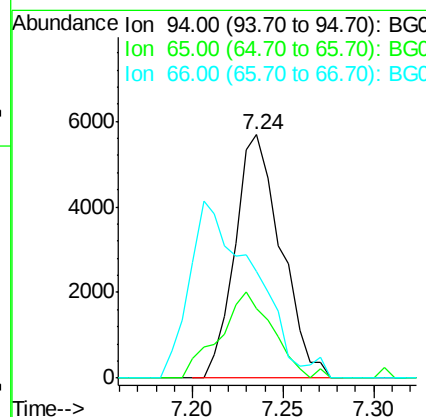
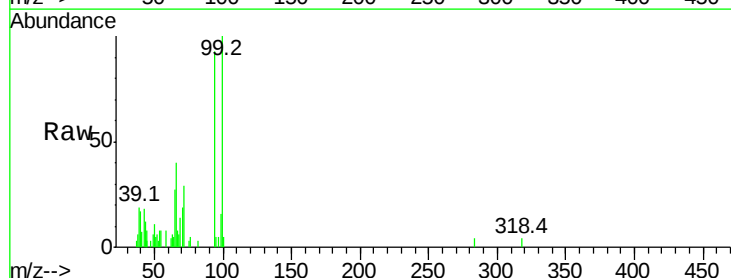
Tgt Ion: 94 Resp: 10037

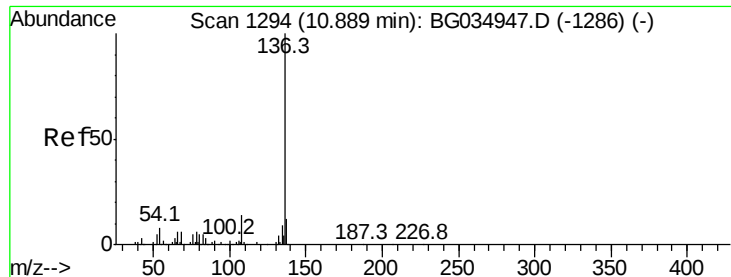
Ion Ratio Lower Upper

94 100

65 28.7 11.9 51.9

66 43.6 22.2 62.2

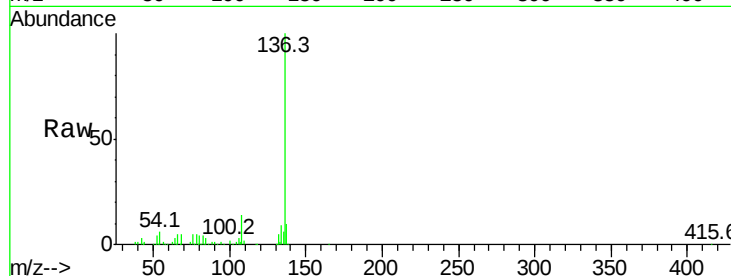




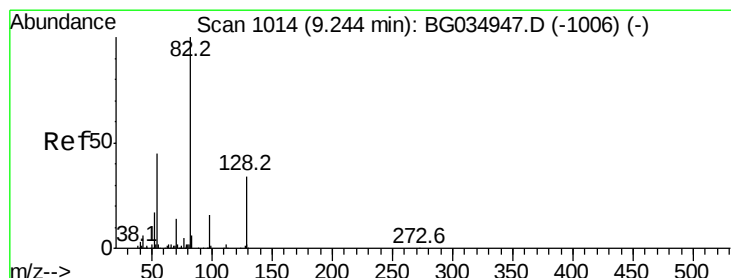
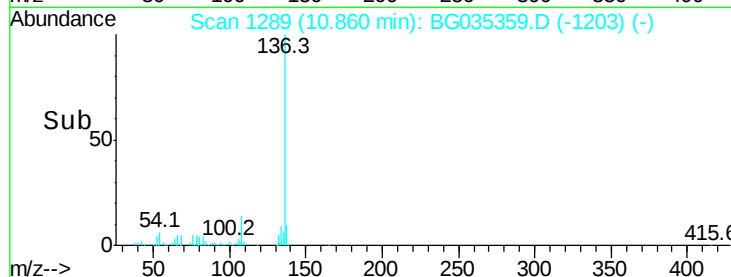
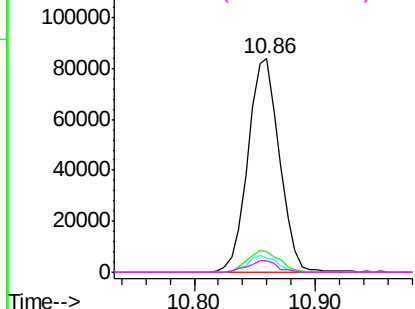
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035359.D
Acq: 23 Jun 2018 9:02

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-U-B

Tot Ion:136	Resp:	152766
Ion Ratio	Lower	Upper
136	100	
137	9.8	9.2 13.8
54	6.3	10.3 15.5#
68	5.3	4.5 6.7

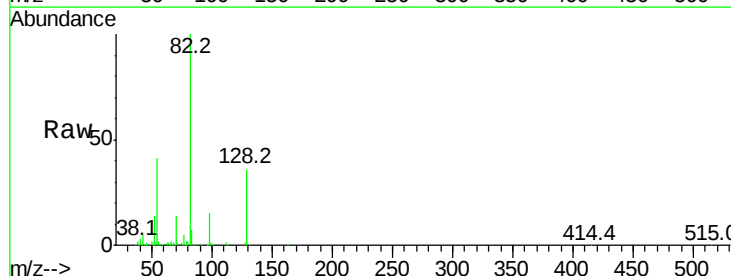


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

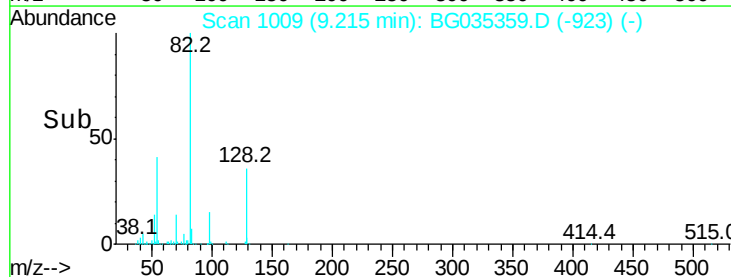
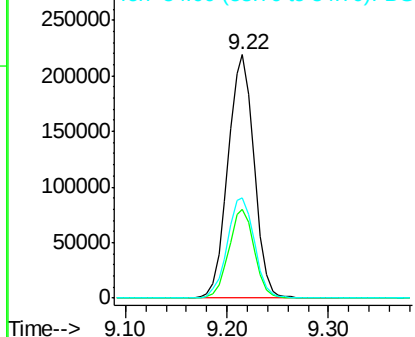


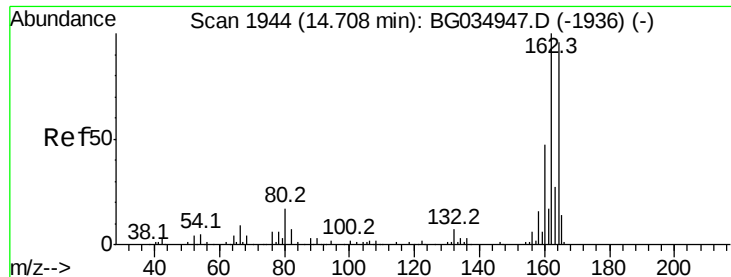
#23
Nitrobenzene-d5
Concen: 121.701 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035359.D
Acq: 23 Jun 2018 9:02

Tgt Ion: 82	Resp:	391123
Ion Ratio	Lower	Upper
82	100	
128	36.3	29.7 44.5
54	41.3	43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

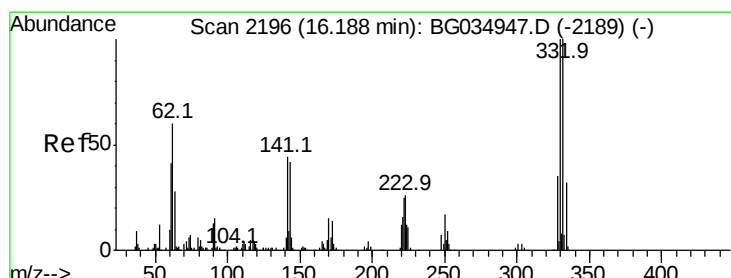
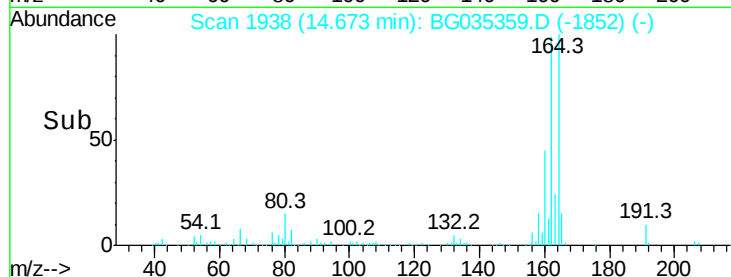
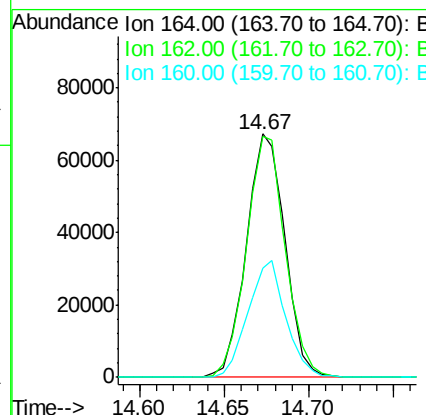
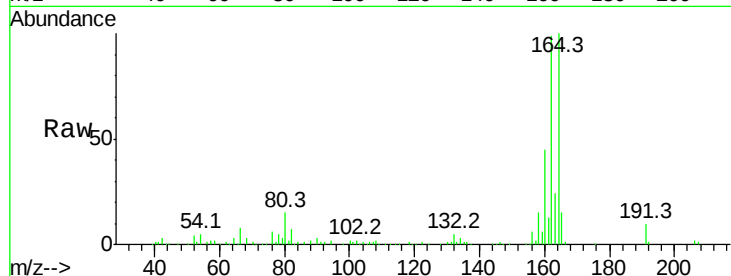




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035359.D
 Acq: 23 Jun 2018 9:02

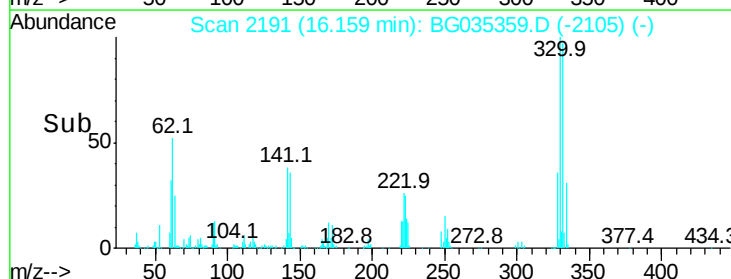
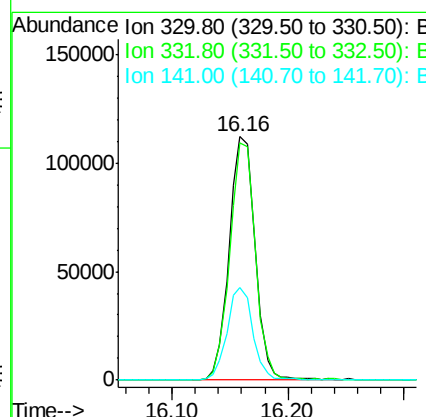
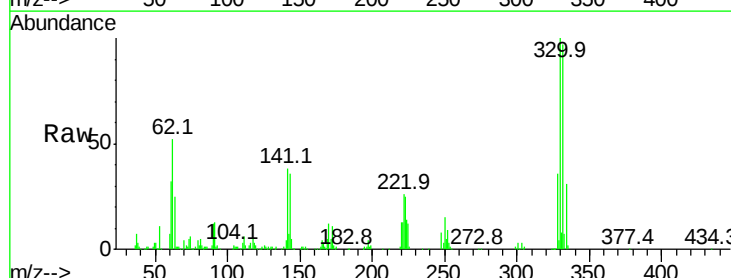
Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-U-B

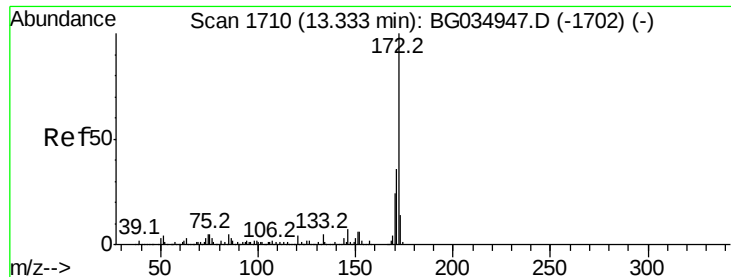
Tot Ion:164 Resp: 106610
 Ion Ratio Lower Upper
 164 100
 162 98.8 78.8 118.2
 160 45.0 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 127.997 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035359.D
 Acq: 23 Jun 2018 9:02

Tgt Ion:330 Resp: 174683
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.5 25.2 37.8

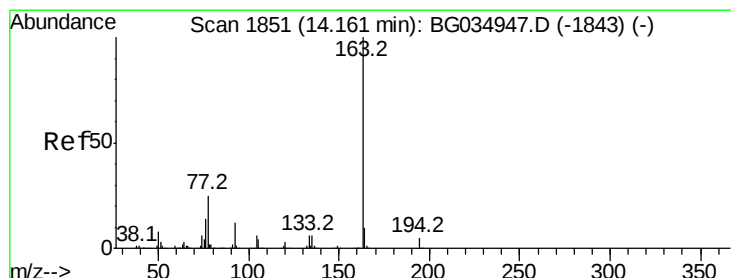
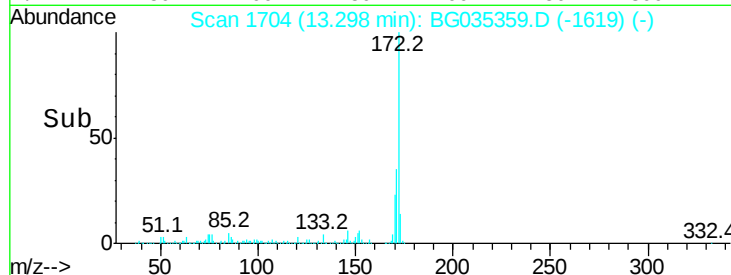
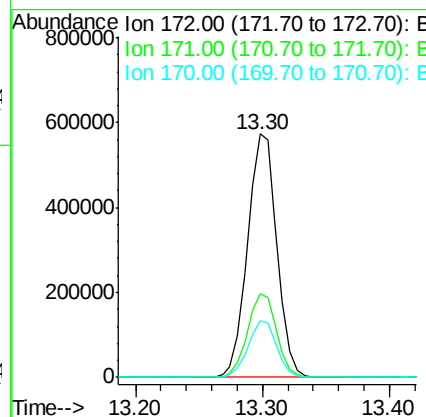
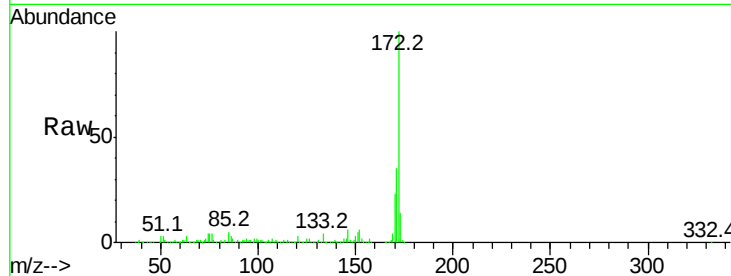




#44
2-Fluorobiphenyl
Concen: 111.987 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035359.D
Acq: 23 Jun 2018 9:02

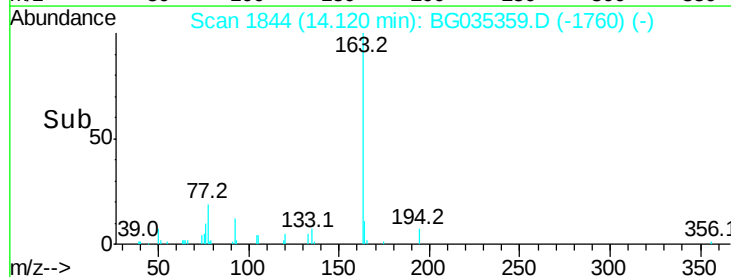
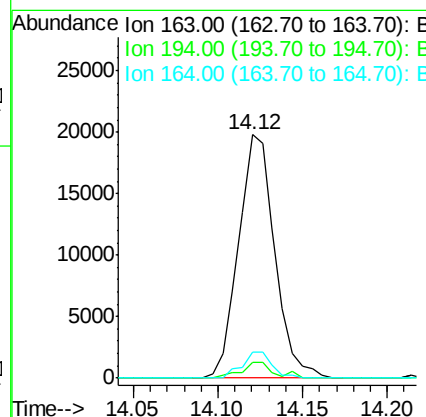
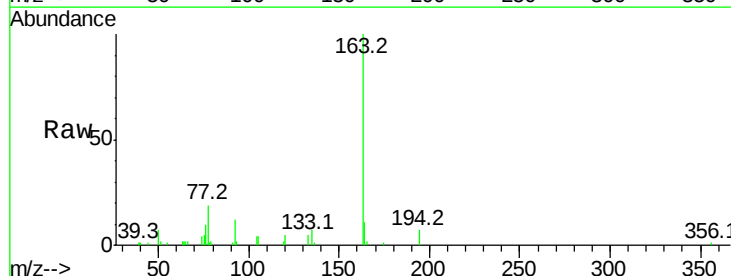
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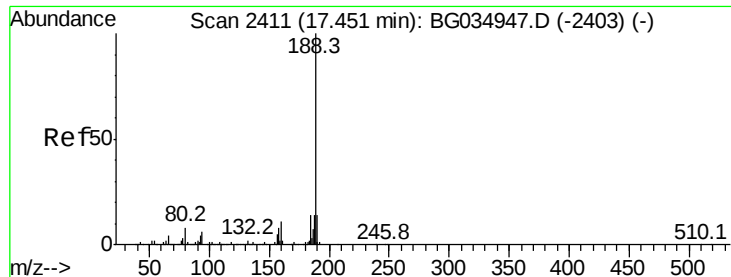
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.2	19.5	29.3



#49
Dimethylphthalate
Concen: 3.174 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035359.D
Acq: 23 Jun 2018 9:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.5	3.4	5.2#
164	10.7	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035359.D

Acq: 23 Jun 2018 9:02

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-U-B

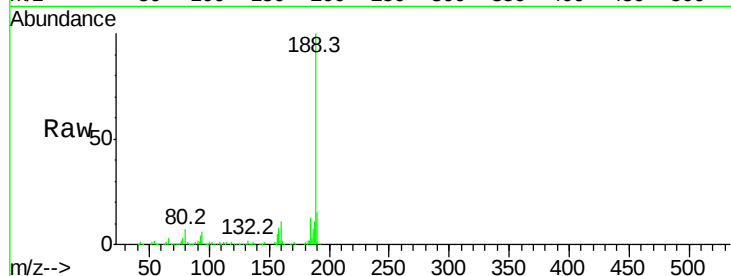
Tot Ion:188 Resp: 290427

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

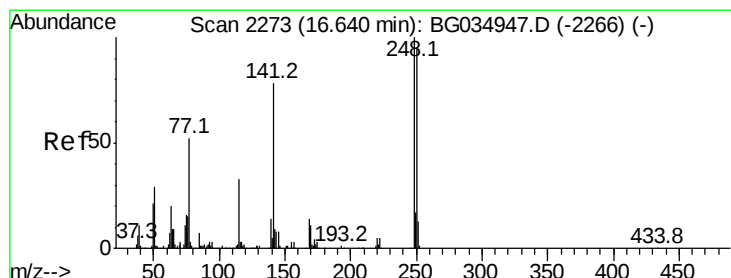
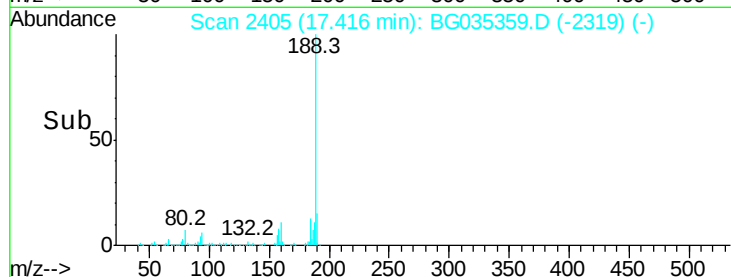
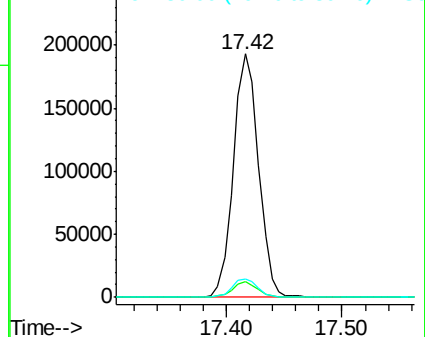
80 7.4 7.7 11.5#



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



#66

4-Bromophenyl-phenylether

Concen: 3.982 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.47 min

Lab File: BG035359.D

Acq: 23 Jun 2018 9:02

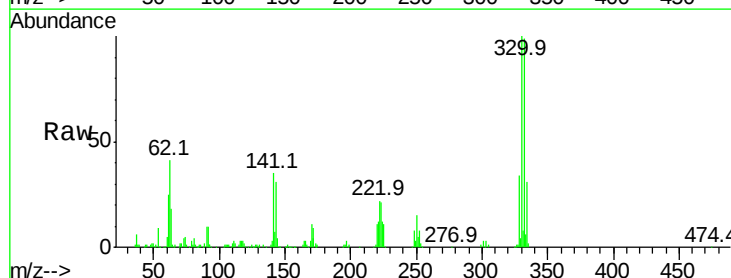
Tgt Ion:248 Resp: 13926

Ion Ratio Lower Upper

248 100

250 183.6 77.1 115.7#

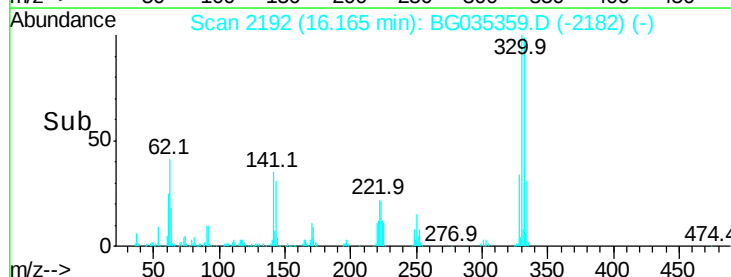
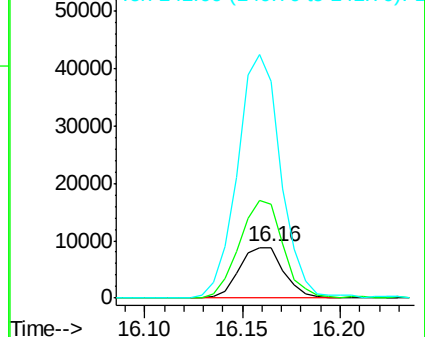
141 424.4 50.8 76.2#

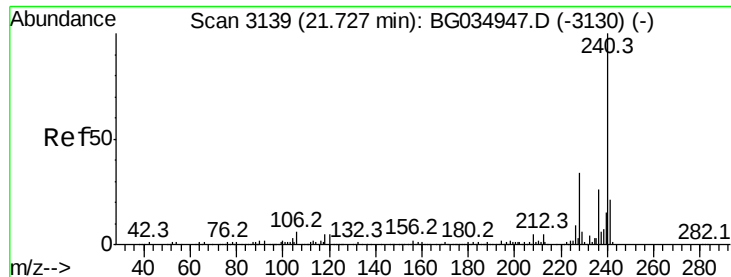


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035359.D

Acq: 23 Jun 2018 9:02

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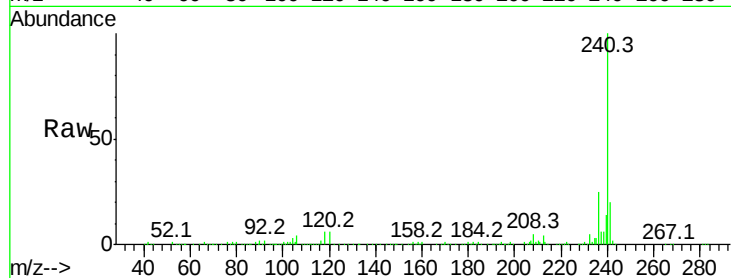
Tot Ion:240 Resp: 336499

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

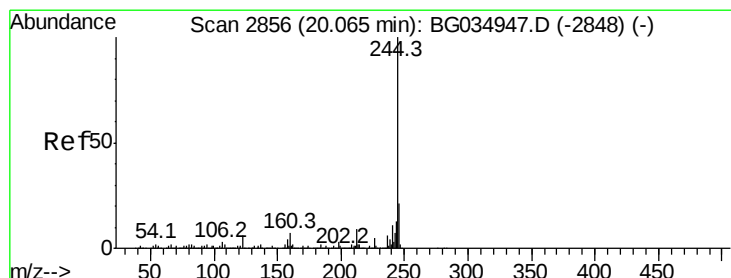
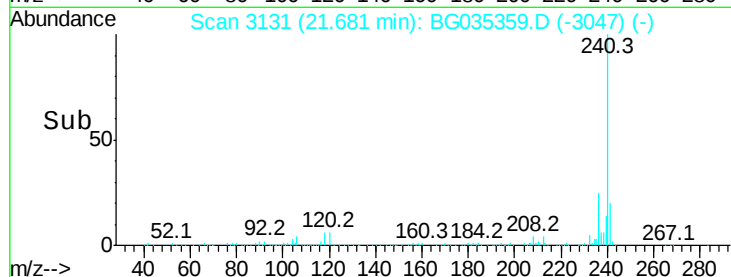
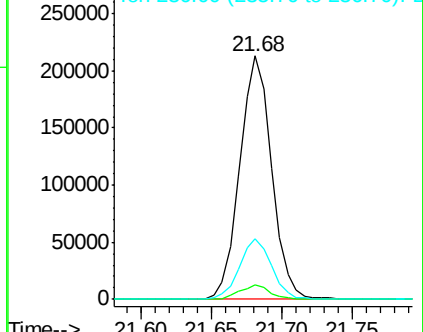
236 24.7 20.9 31.3



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: 99.523 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035359.D

Acq: 23 Jun 2018 9:02

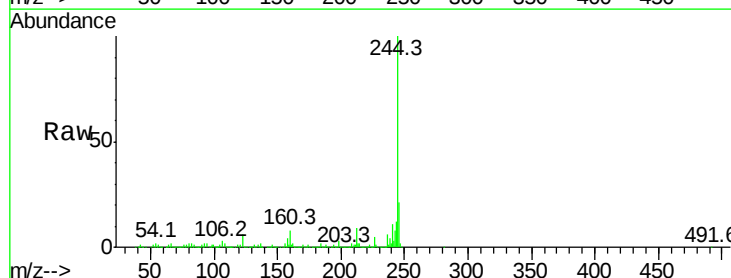
Tgt Ion:244 Resp: 1598787

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

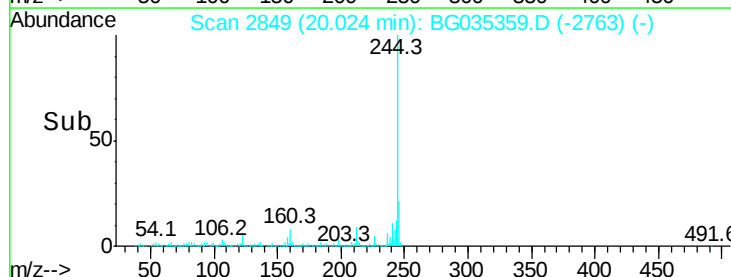
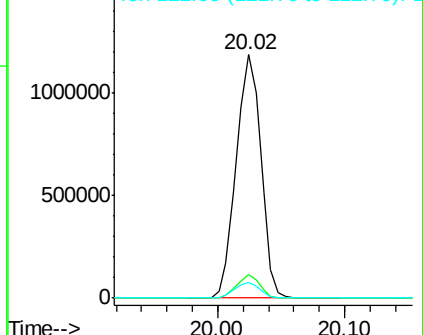
122 6.5 7.0 10.4#

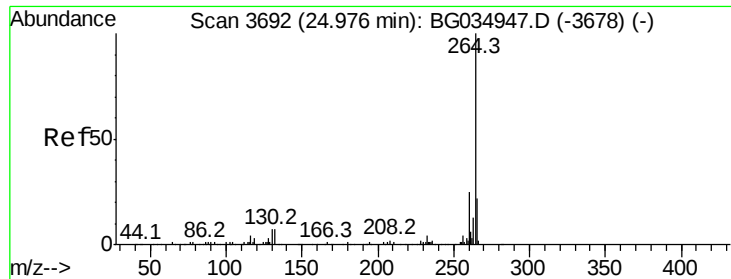


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

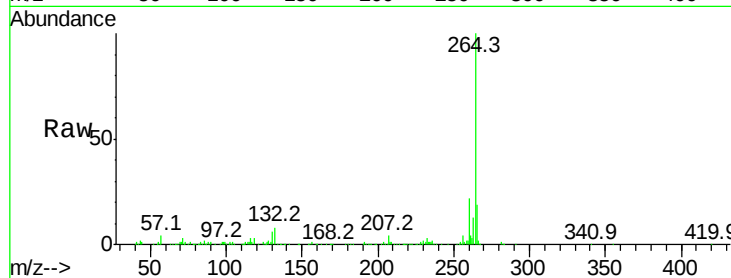




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.05 min
Lab File: BG035359.D
Acq: 23 Jun 2018 9:02

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	19.4	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

