

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035361.D
 Acq On : 23 Jun 2018 10:19
 Operator : JU/SJ
 Sample : J3623-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061918-TIPC-E-D-M

Quant Time: Jun 25 07:01:49 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

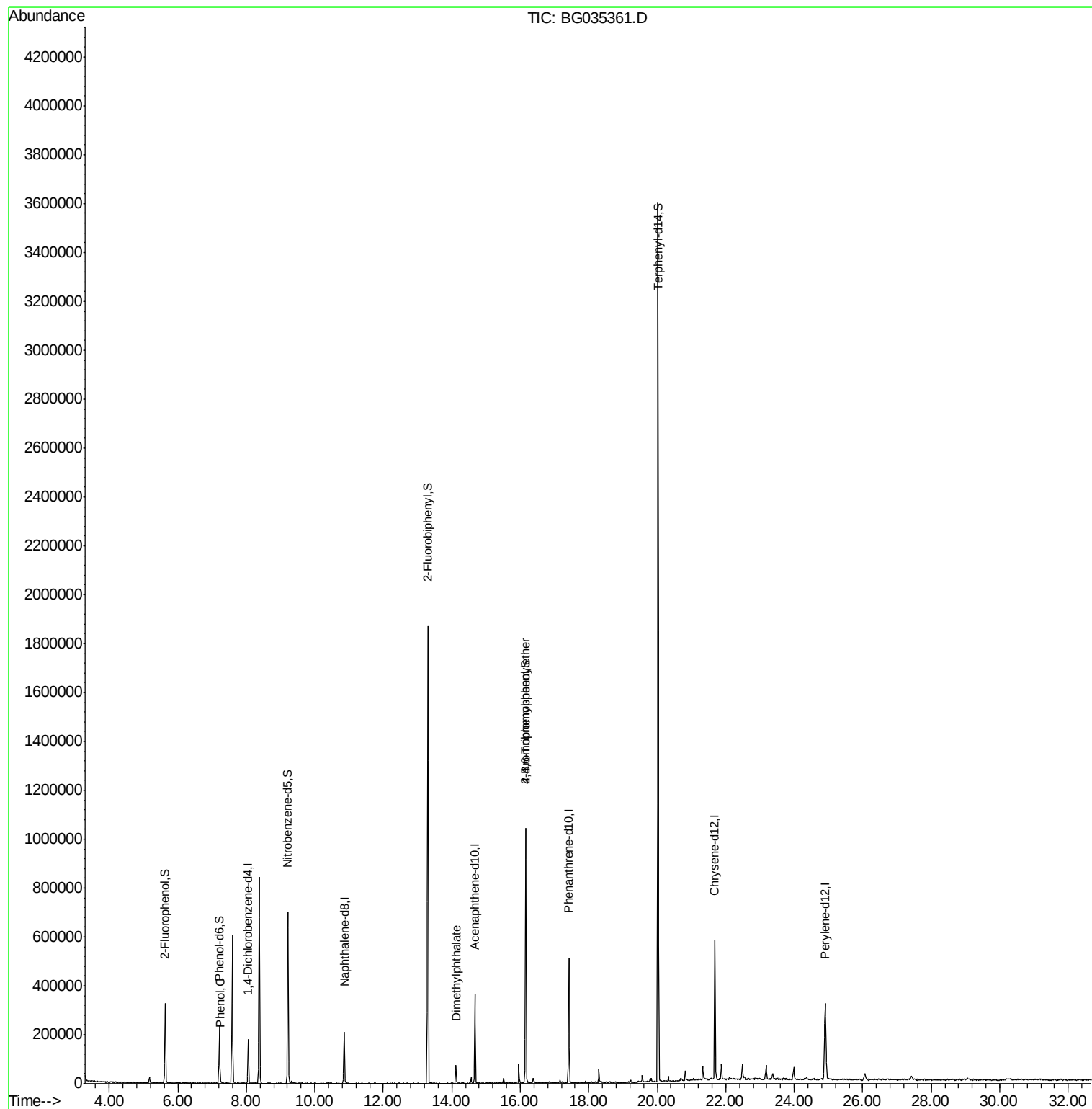
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52248	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	180856	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	121133	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	324372	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	363963	20.00	ng	-0.04
86) Perylene-d12	24.90	264	349668	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	145724	47.07	ng	-0.01
7) Phenol-d6	7.21	99	142728	31.24	ng	-0.01
23) Nitrobenzene-d5	9.21	82	457784	120.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	195115	125.83	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1045139	112.16	ng	-0.02
78) Terphenyl-d14	20.02	244	1719574	98.96	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	11224	2.374	ng	82
49) Dimethylphthalate	14.12	163	46601	4.412	ng	98
66) 4-Bromophenyl-phenylether	16.16	248	14981	3.835	ng	# 1

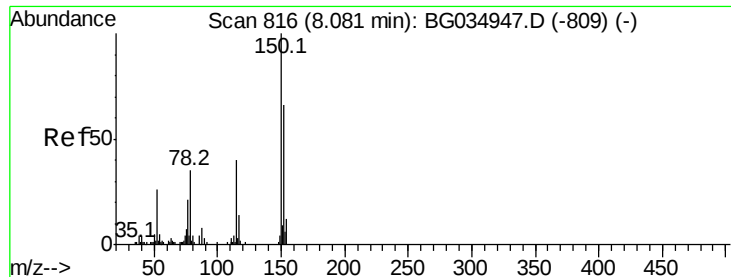
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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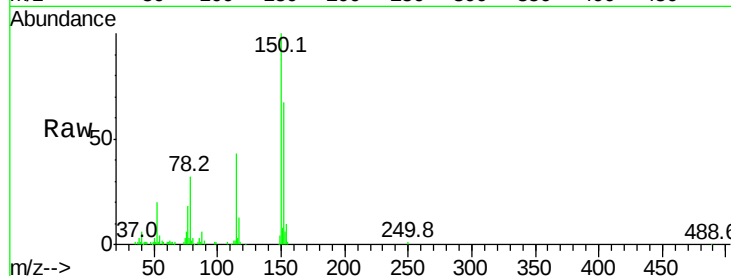


#1

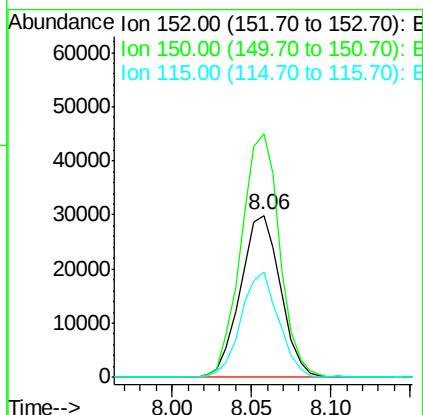
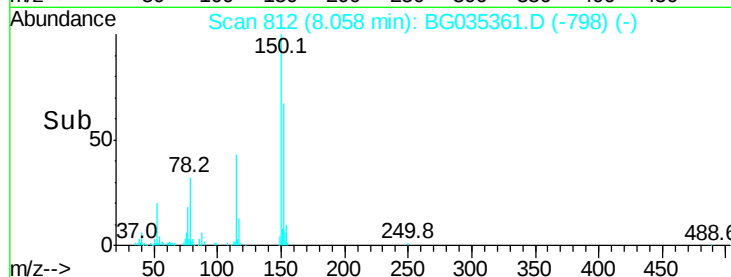
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035361.D
Acq: 23 Jun 2018 10:19

Instrument :
BNA_G
ClientSampleId :
061918-TIPC-E-D-M

Tot Ion:152 Resp: 52248
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 65.4 53.0 79.4



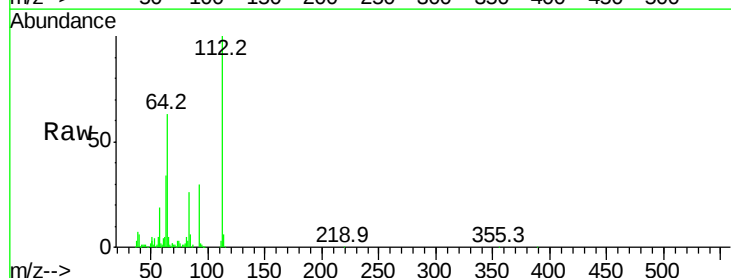
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



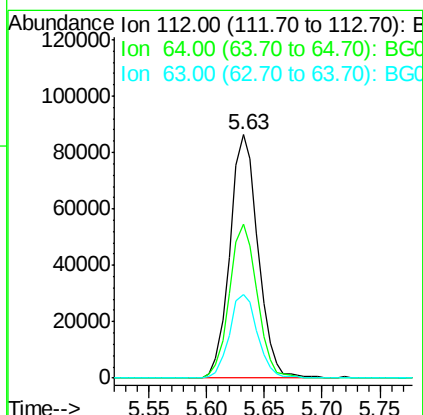
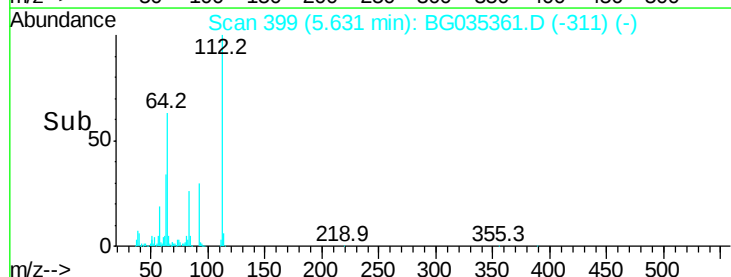
#5

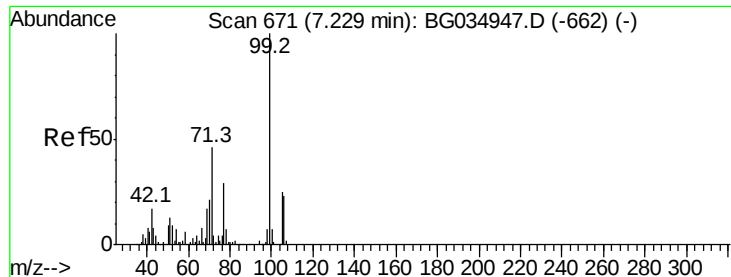
2-Fluorophenol
Concen: 47.069 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035361.D
Acq: 23 Jun 2018 10:19

Tgt Ion:112 Resp: 145724
Ion Ratio Lower Upper
112 100
64 63.4 56.3 84.5
63 34.1 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: 31.235 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035361.D

Acq: 23 Jun 2018 10:19

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-D-M

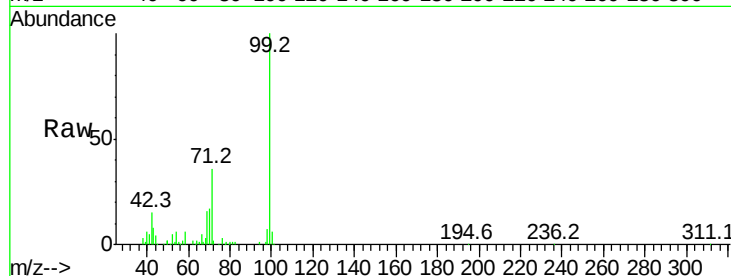
Tot Ion: 99 Resp: 142728

Ion Ratio Lower Upper

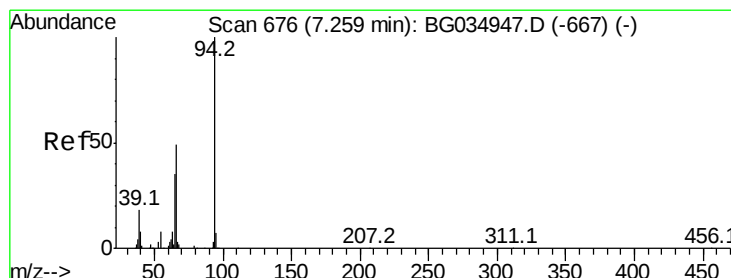
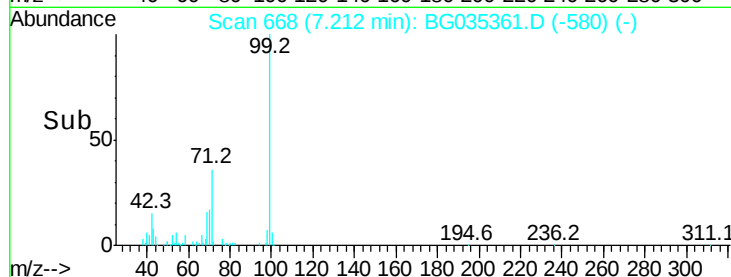
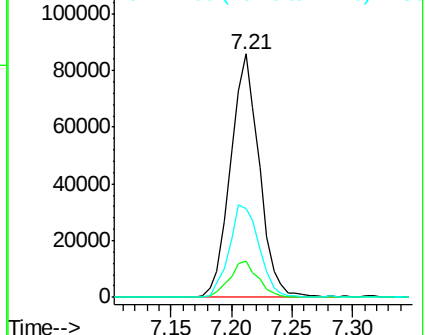
99 100

42 15.0 14.1 21.1

71 36.2 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: 2.374 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG035361.D

Acq: 23 Jun 2018 10:19

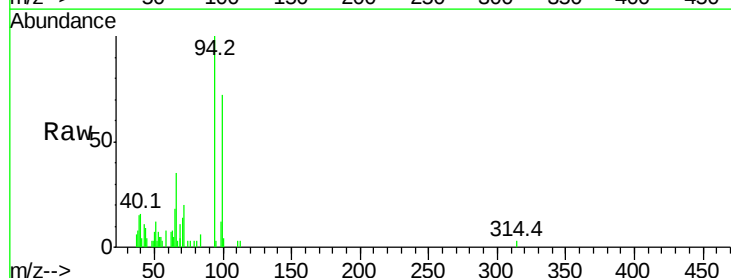
Tgt Ion: 94 Resp: 11224

Ion Ratio Lower Upper

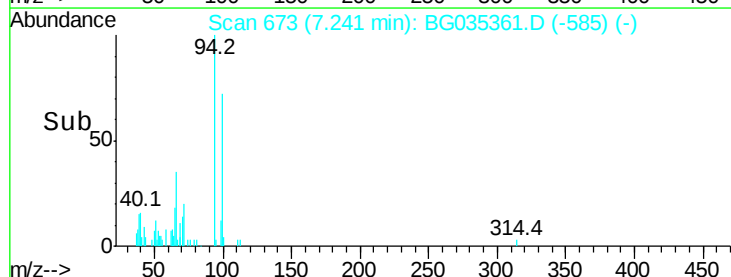
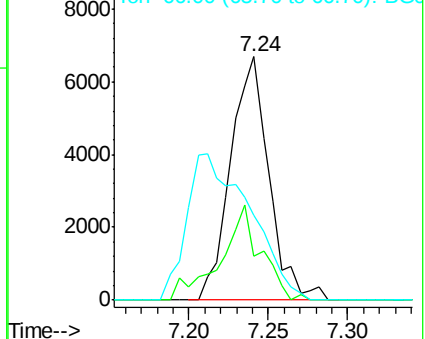
94 100

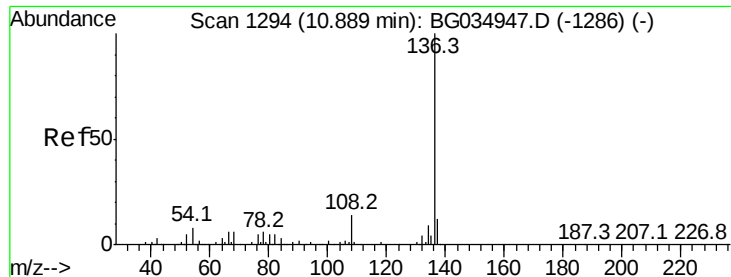
65 17.9 11.9 51.9

66 34.7 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

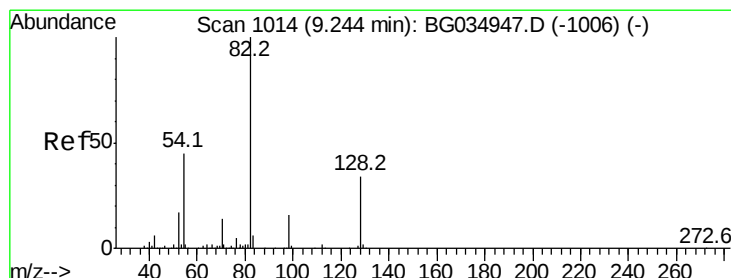
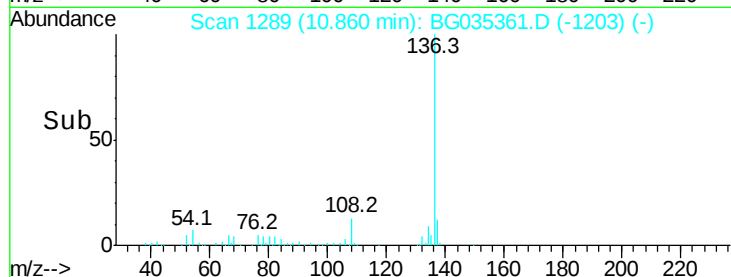
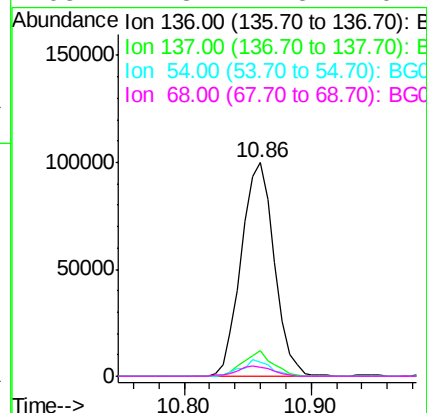
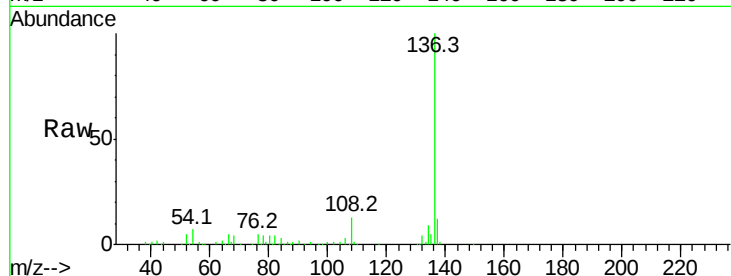




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035361.D
Acq: 23 Jun 2018 10:19

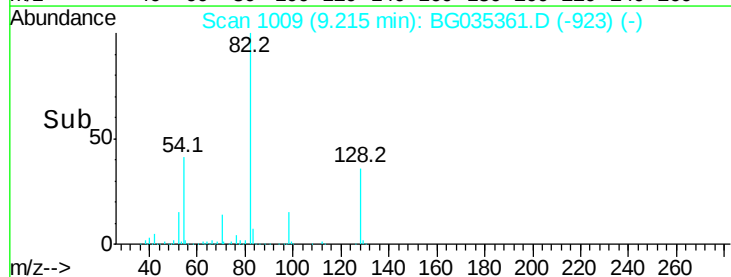
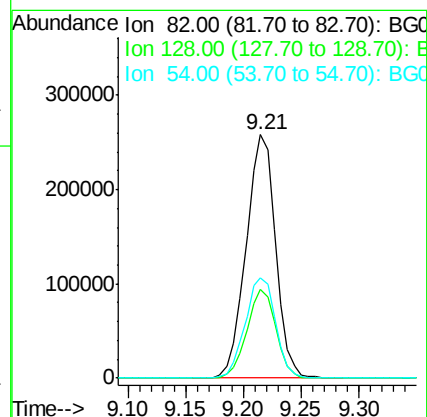
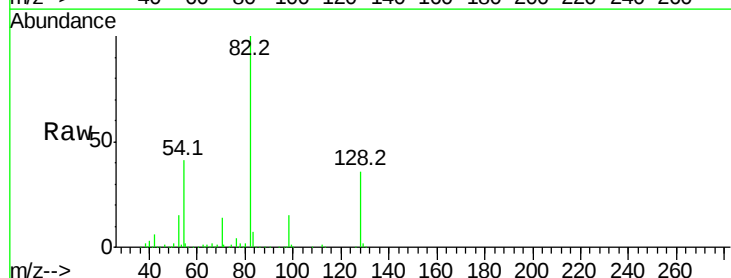
Instrument :
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ClientSampleId :
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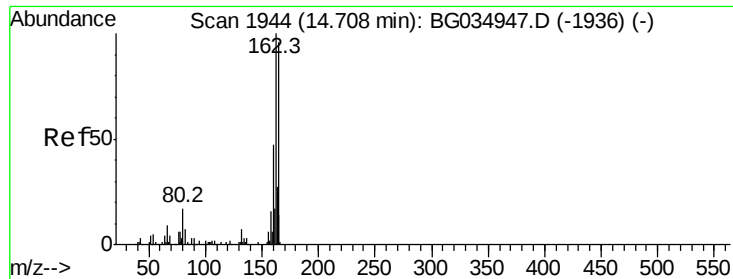
Tot Ion:136	Resp:	180856
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.2 13.8
54	6.8	10.3 15.5#
68	4.3	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 120.319 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035361.D
Acq: 23 Jun 2018 10:19

Tgt Ion: 82	Resp:	457784
Ion Ratio	Lower	Upper
82	100	
128	36.2	29.7 44.5
54	41.0	43.1 64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035361.D

Acq: 23 Jun 2018 10:19

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-D-M

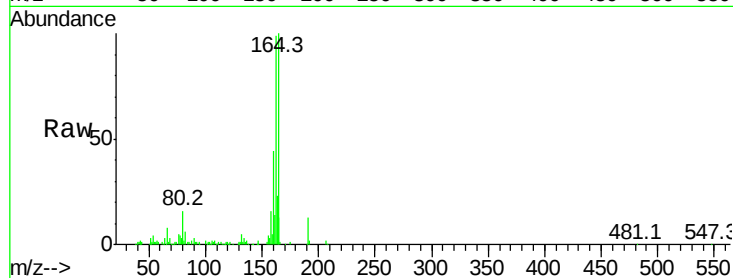
Tot Ion:164 Resp: 121133

Ion Ratio Lower Upper

164 100

162 98.8 78.8 118.2

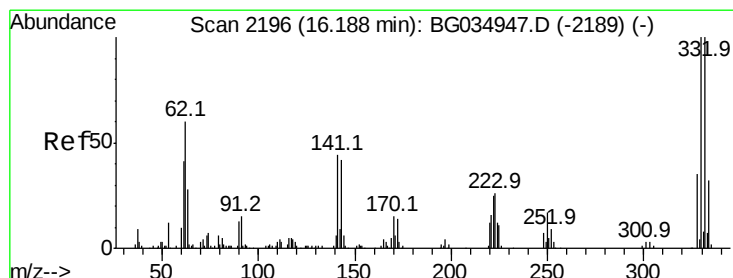
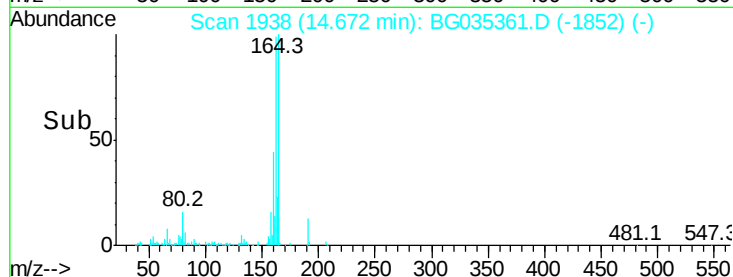
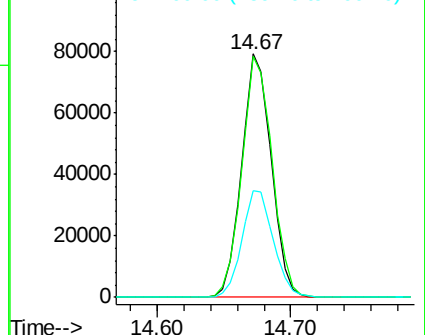
160 43.6 35.4 53.0



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: 125.827 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035361.D

Acq: 23 Jun 2018 10:19

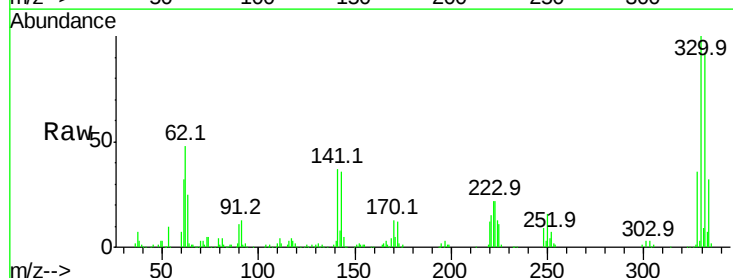
Tgt Ion:330 Resp: 195115

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

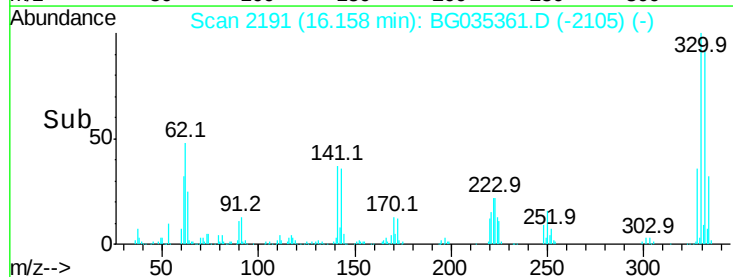
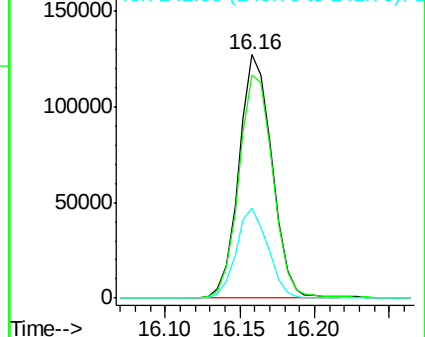
141 35.9 25.2 37.8

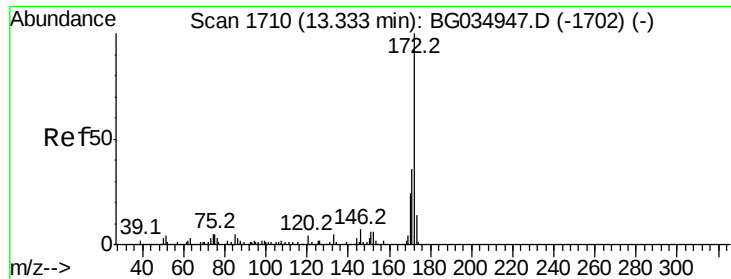


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

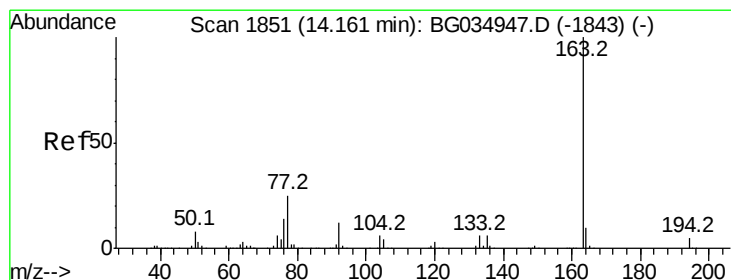
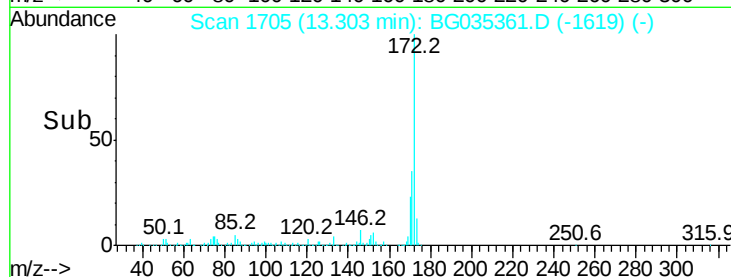
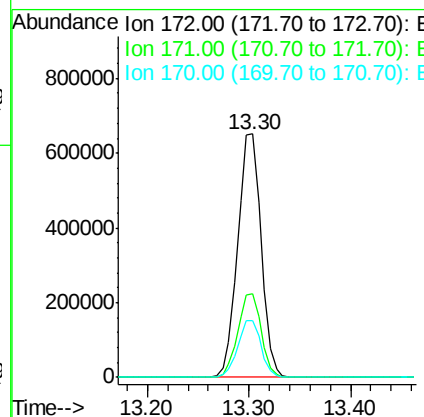
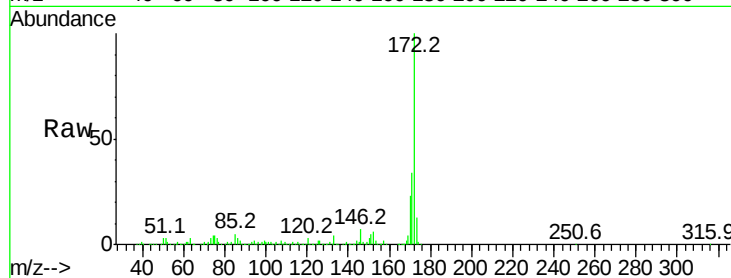




#44
2-Fluorobiphenyl
Concen: 112.164 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035361.D
Acq: 23 Jun 2018 10:19

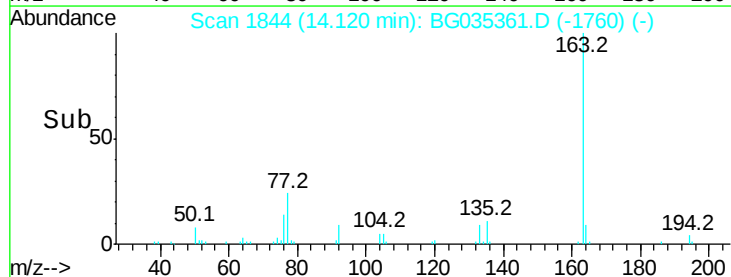
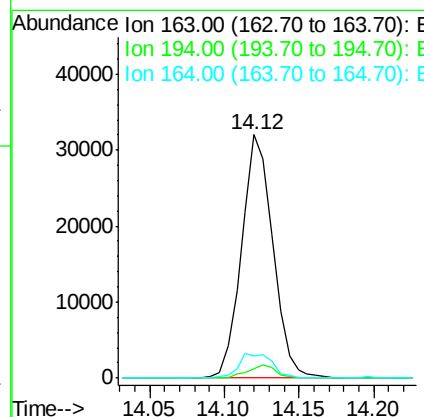
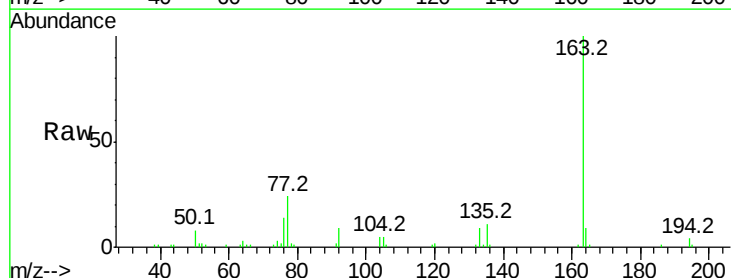
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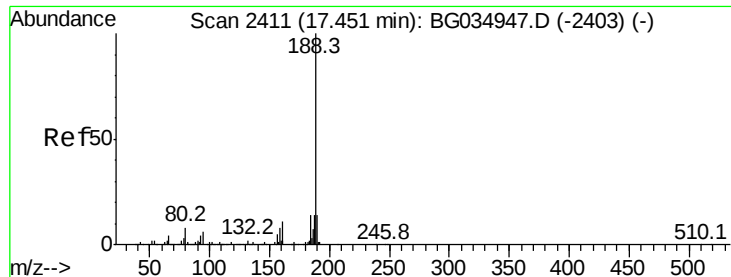
Tot Ion:172 Resp: 1045139
Ion Ratio Lower Upper
172 100
171 34.5 30.0 45.0
170 23.3 19.5 29.3



#49
Dimethylphthalate
Concen: 4.412 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035361.D
Acq: 23 Jun 2018 10:19

Tgt Ion:163 Resp: 46601
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.3 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: BG035361.D

Acq: 23 Jun 2018 10:19

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-D-M

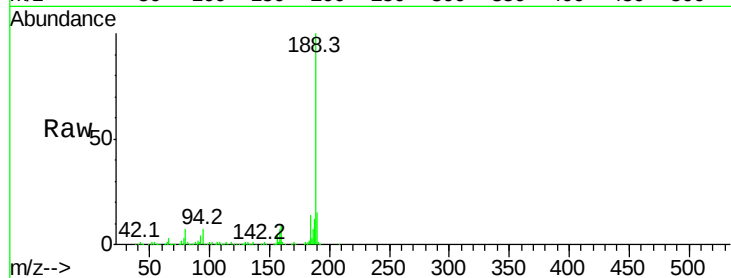
Tot Ion:188 Resp: 324372

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

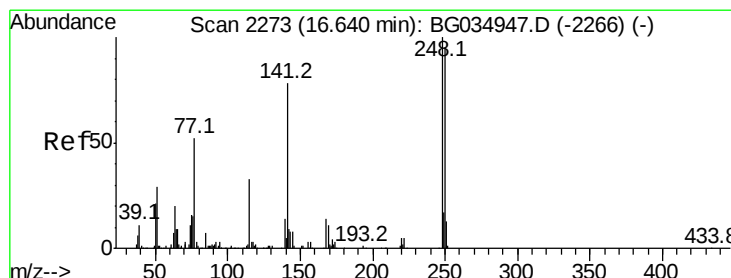
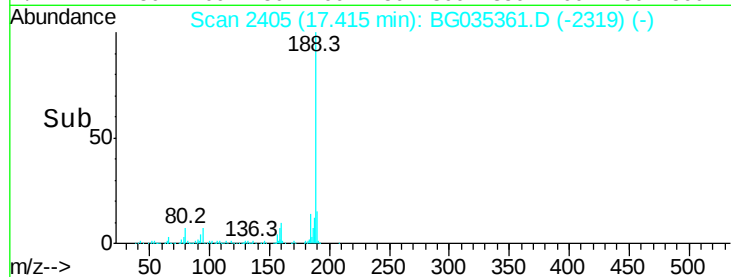
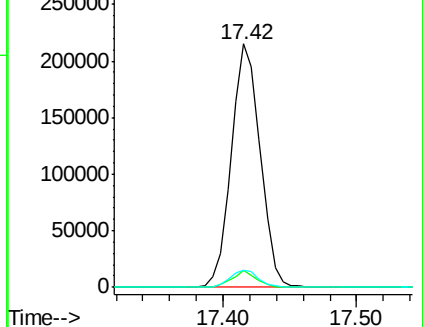
80 6.9 7.7 11.5#



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: 3.835 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.48 min

Lab File: BG035361.D

Acq: 23 Jun 2018 10:19

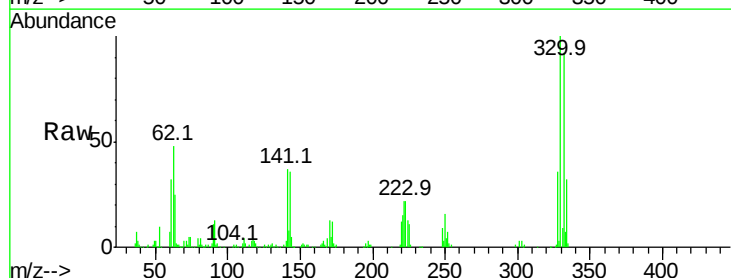
Tgt Ion:248 Resp: 14981

Ion Ratio Lower Upper

248 100

250 185.2 77.1 115.7#

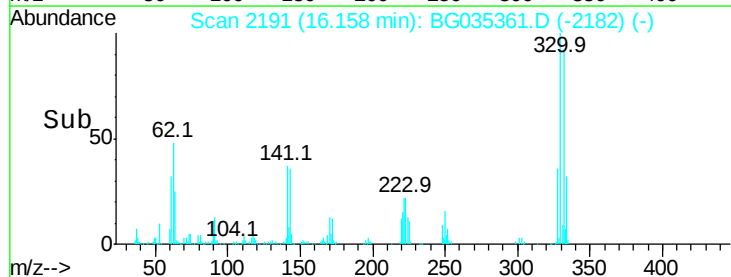
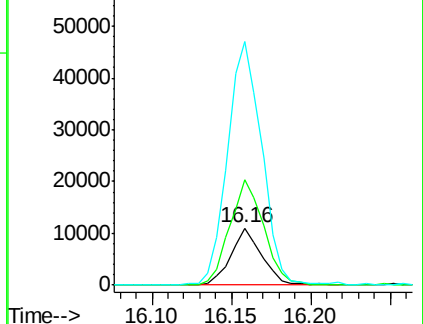
141 426.2 50.8 76.2#

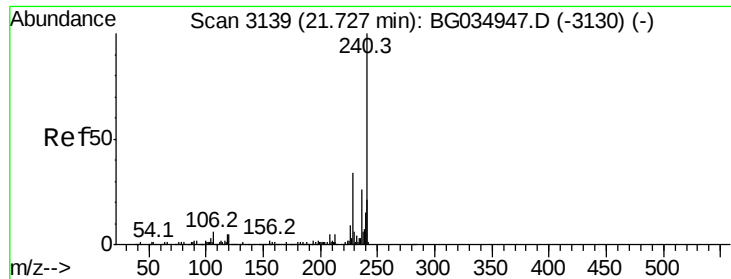


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG035361.D

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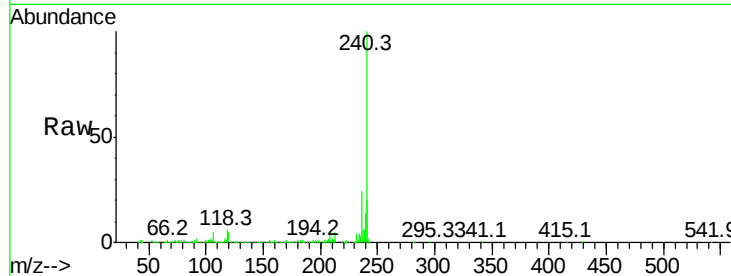
Tot Ion:240 Resp: 363963

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

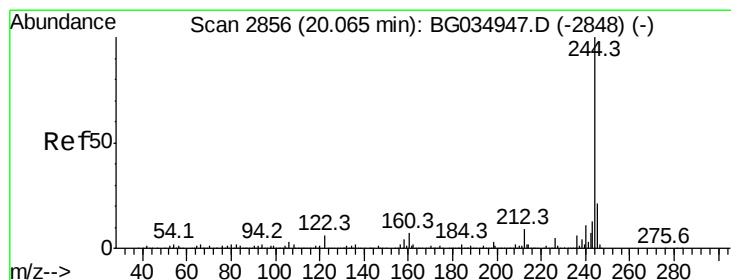
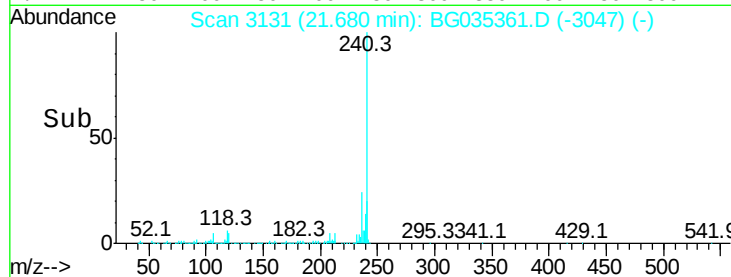
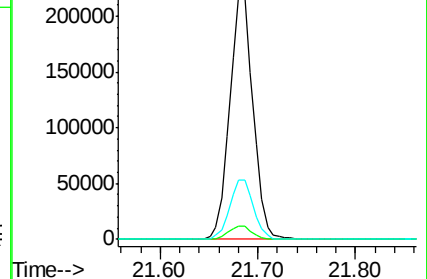
236 24.4 20.9 31.3



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: 98.965 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035361.D

Acq: 23 Jun 2018 10:19

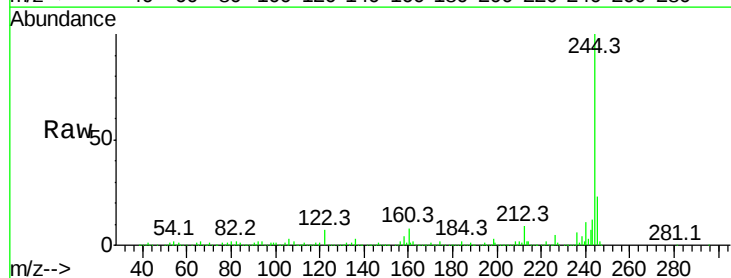
Tgt Ion:244 Resp: 1719574

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

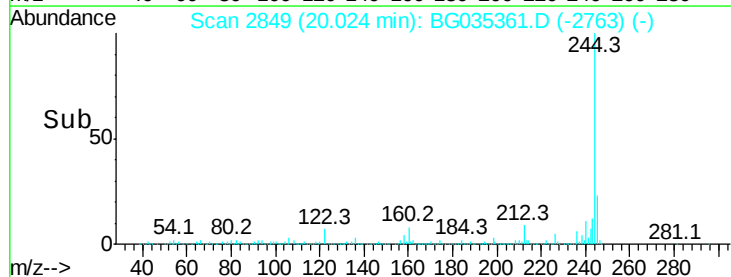
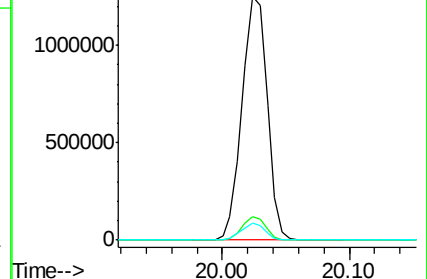
122 6.9 7.0 10.4#

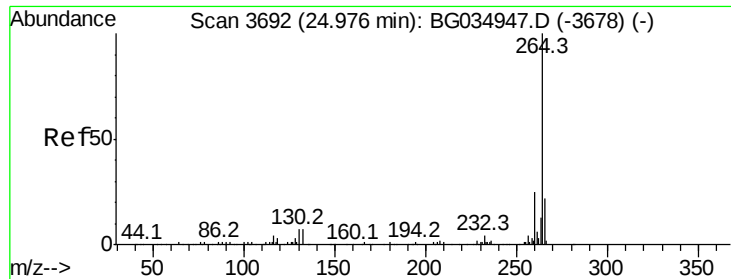


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

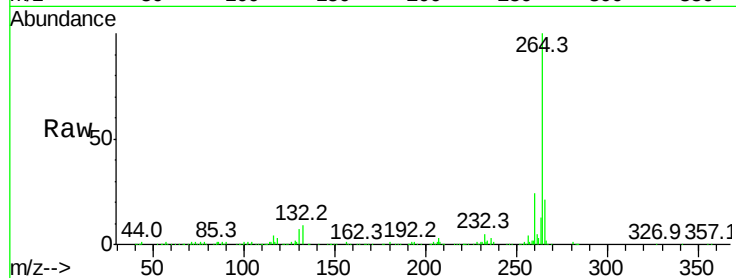




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. -0.05 min
 Lab File: BG035361.D
 Acq: 23 Jun 2018 10:19

Instrument :
 BNA_G
 ClientSampleId :
 061918-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.5	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

