

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035219.D
 Acq On : 18 Jun 2018 15:16
 Operator : SJ/JU
 Sample : J3564-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-39-COMP

Quant Time: Jun 18 16:21:35 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

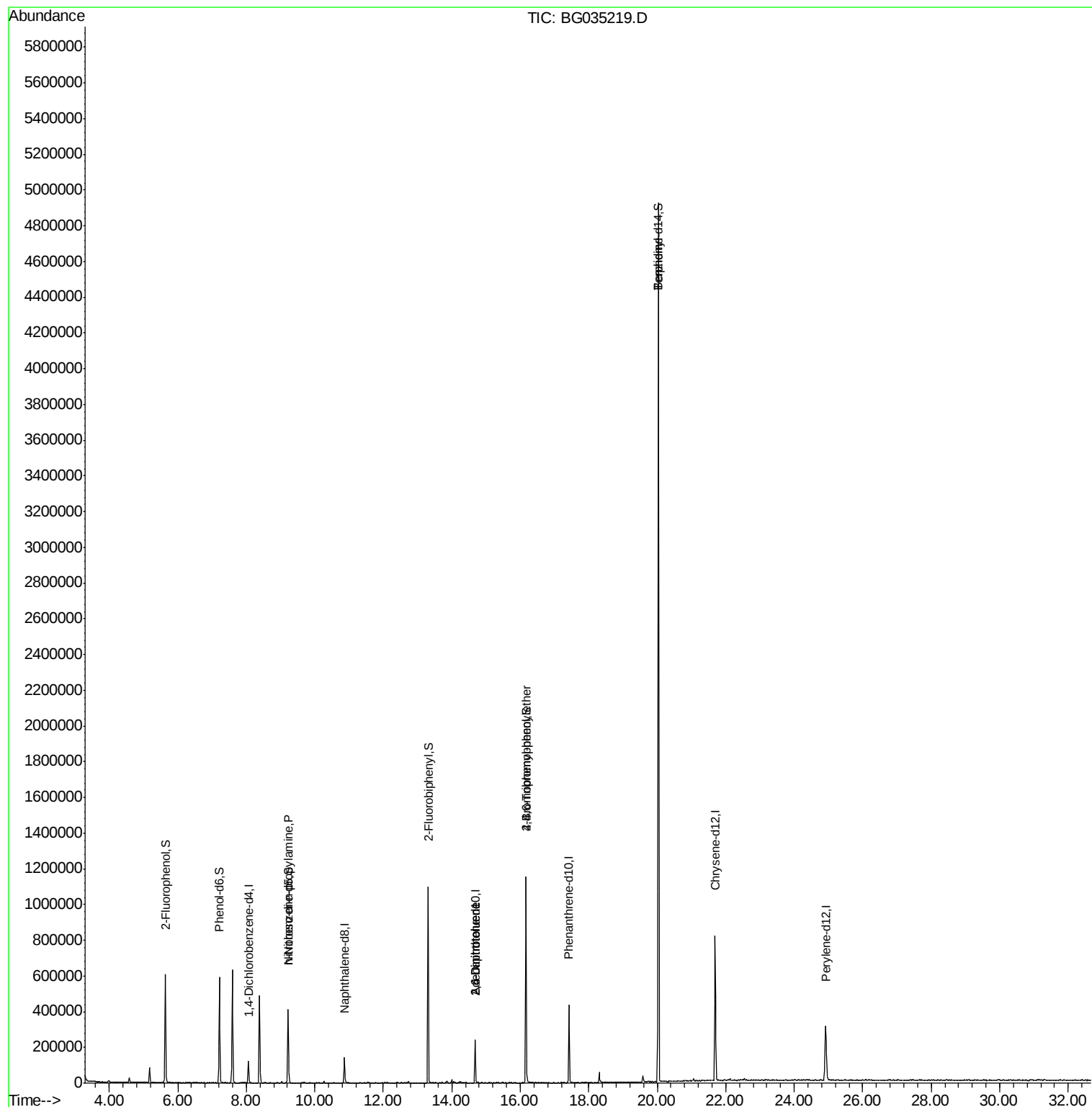
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	33238	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	121168	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	84466	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	291983	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	509313	20.00	ng	-0.02
86) Perylene-d12	24.92	264	305323	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	278188	141.25	ng	0.00
7) Phenol-d6	7.22	99	357821	123.09	ng	0.00
23) Nitrobenzene-d5	9.22	82	274686	107.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	220185	203.64	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	612044	94.20	ng	-0.02
78) Terphenyl-d14	20.04	244	2291462	94.24	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	37739	15.281	ng	# 66
50) 2,6-Dinitrotoluene	14.68	165	11826	8.801	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	11826	6.625	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	18203	5.177	ng	# 1
76) Benzidine	20.04	184	41084	2.168	ng	# 94

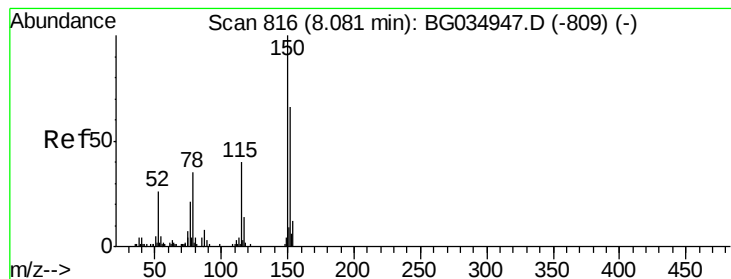
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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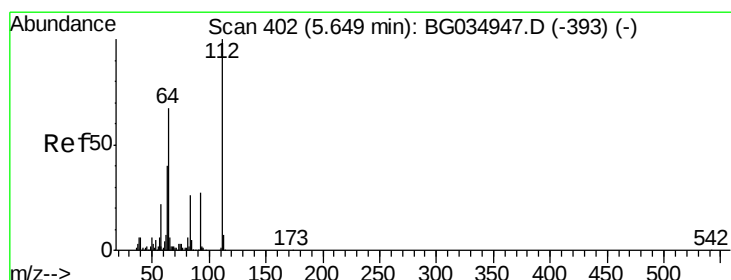
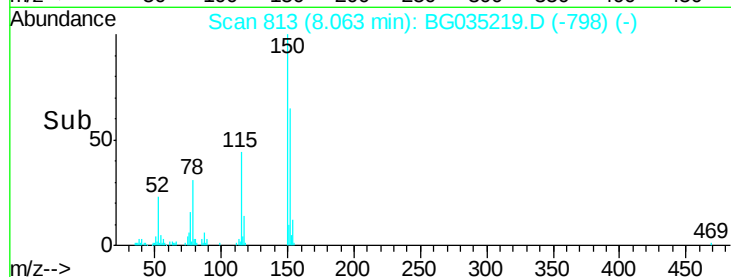
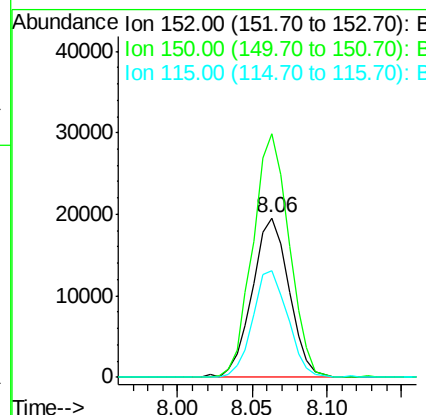
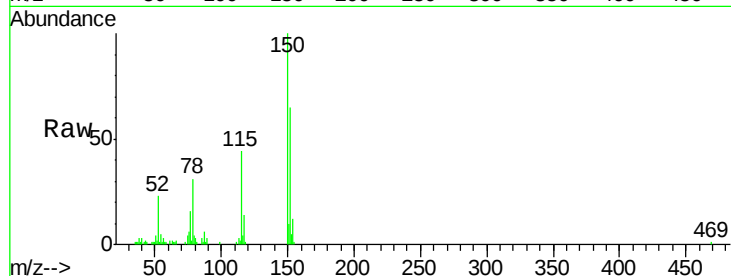


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

Instrument :
BNA_G
ClientSampleId :
SB-39-COMP

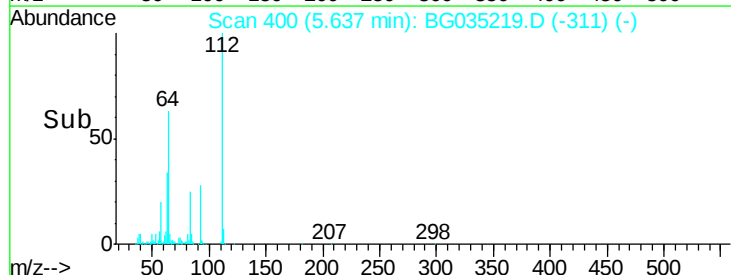
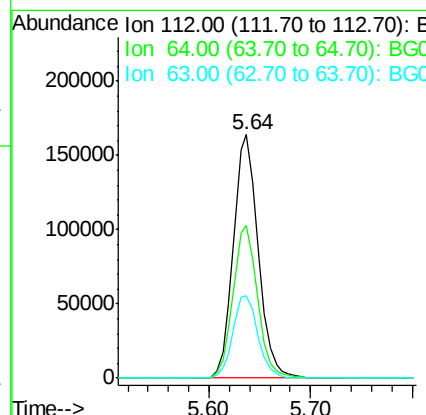
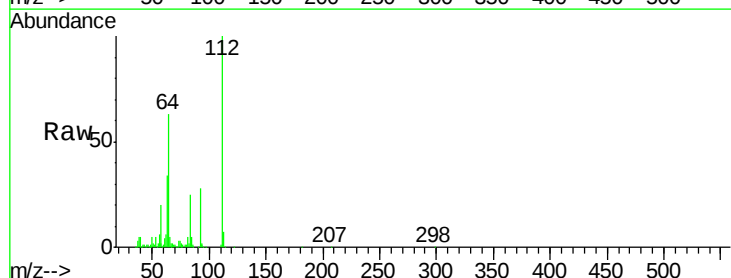
Tgt Ion:152 Resp: 33238
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 67.3 53.0 79.4

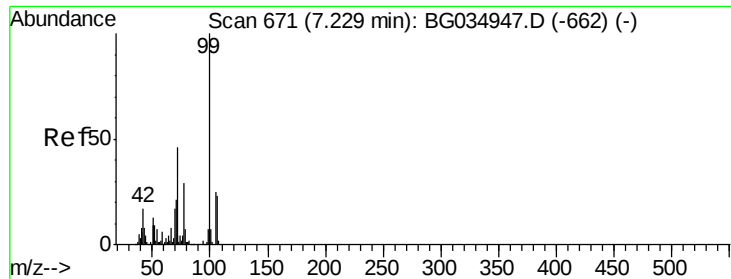


#5

2-Fluorophenol
Concen: 141.246 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

Tgt Ion:112 Resp: 278188
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 33.7 30.1 45.1





#7

Phenol-d6

Concen: 123.093 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035219.D

Acq: 18 Jun 2018 15:16

Instrument :

BNA_G

ClientSampled :

SB-39-COMP

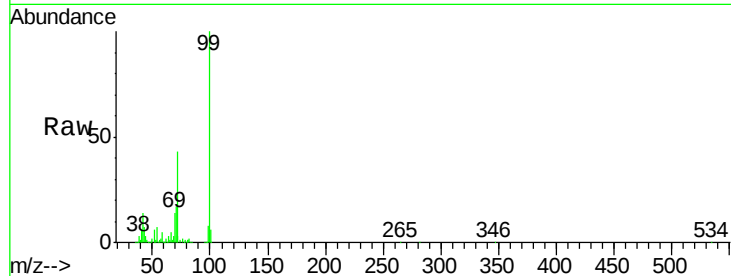
Tgt Ion: 99 Resp: 357821

Ion Ratio Lower Upper

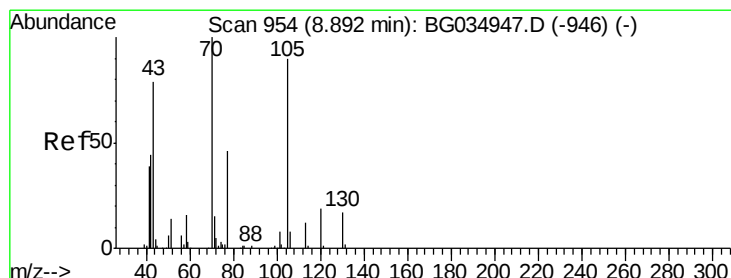
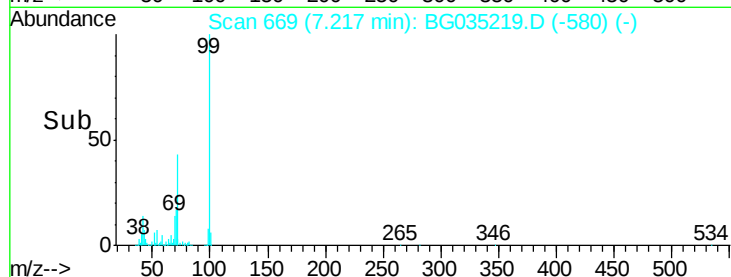
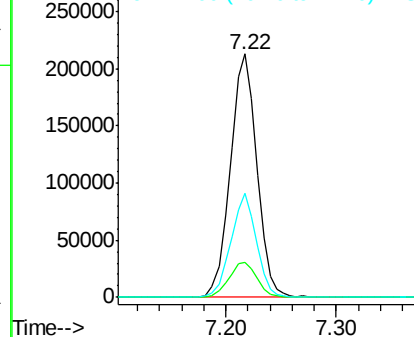
99 100

42 14.4 14.1 21.1

71 42.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.281 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035219.D

Acq: 18 Jun 2018 15:16

Tgt Ion: 70 Resp: 37739

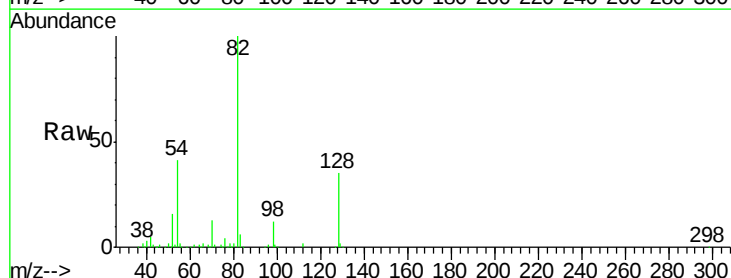
Ion Ratio Lower Upper

70 100

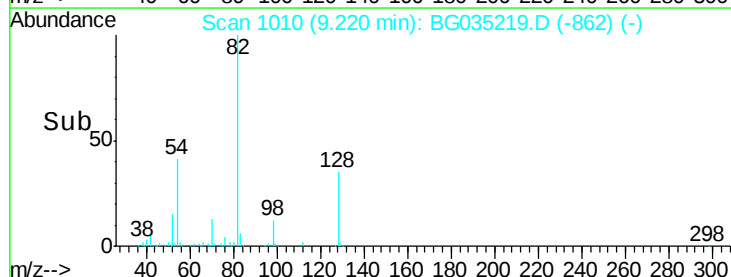
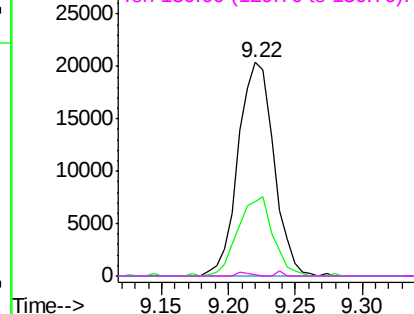
42 35.0 49.1 73.7#

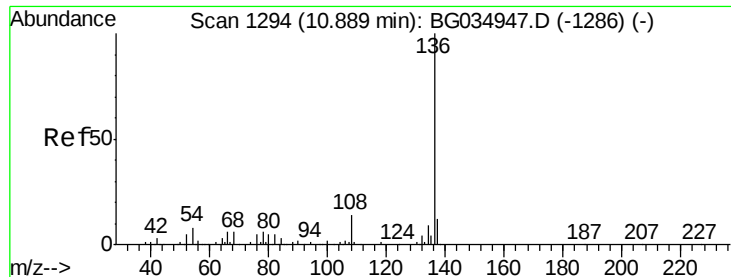
101 0.0 8.5 12.7#

130 0.8 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

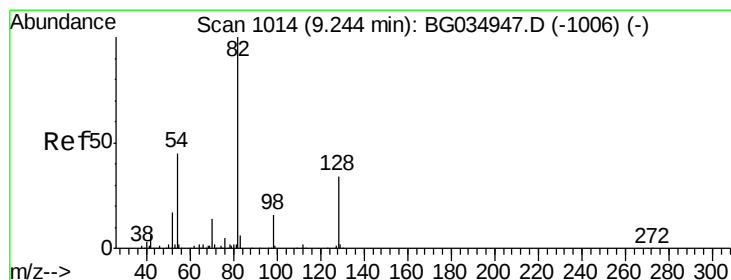
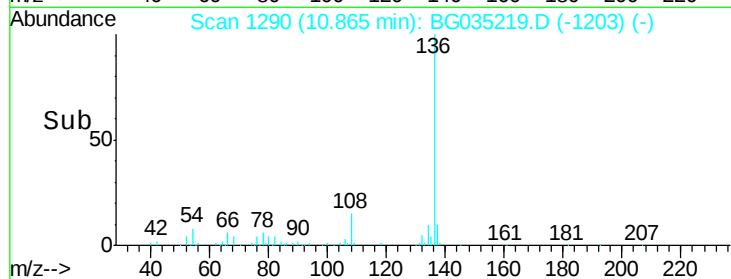
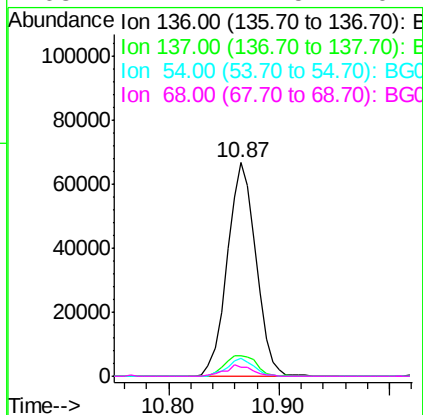
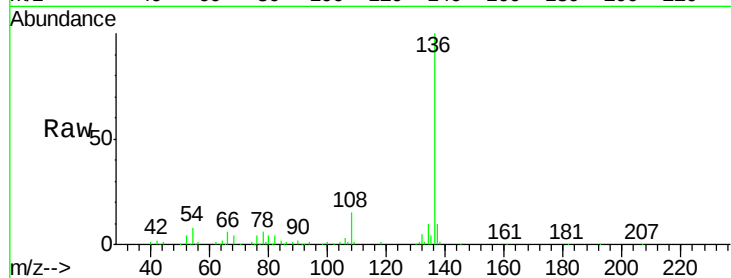




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

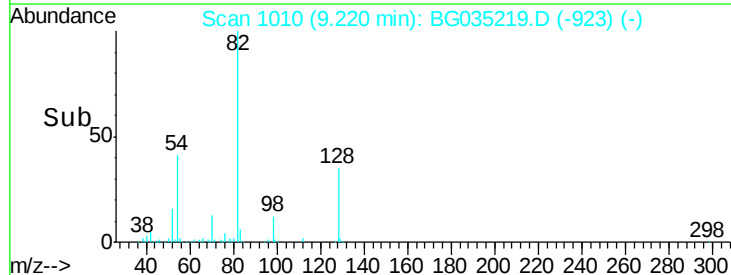
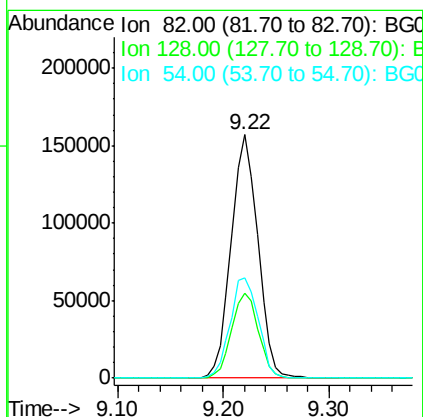
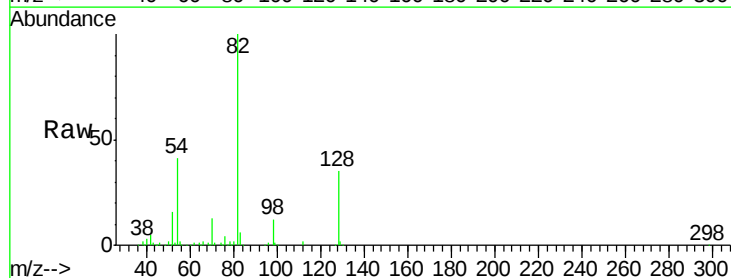
Instrument :
BNA_G
ClientSampleId :
SB-39-COMP

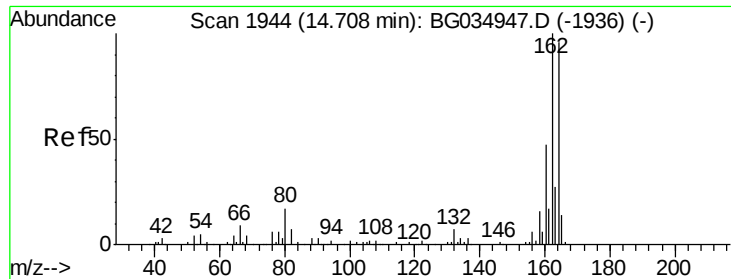
Tgt Ion:	136	Resp:	121168
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.2	13.8
54	8.3	10.3	15.5#
68	4.2	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 107.760 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

Tgt Ion:	82	Resp:	274686
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.7	44.5
54	41.0	43.1	64.7#

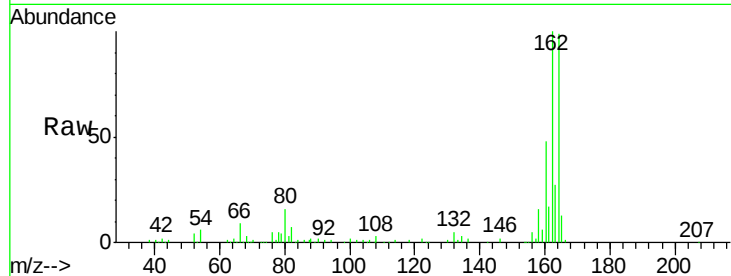




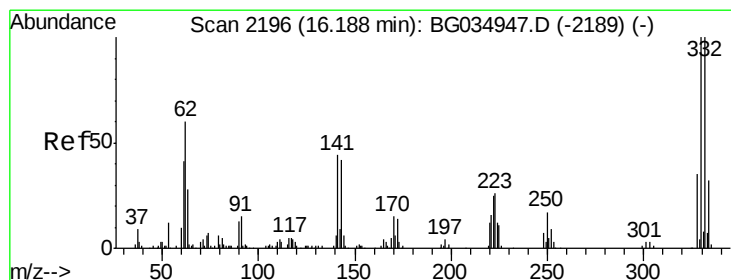
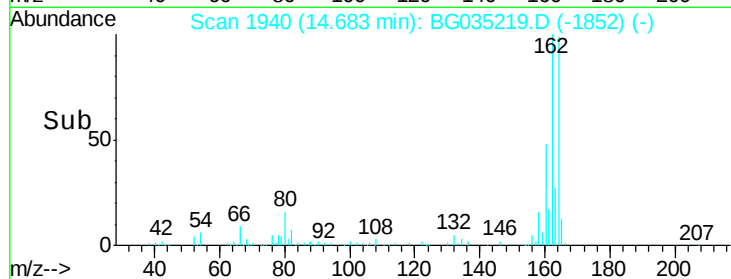
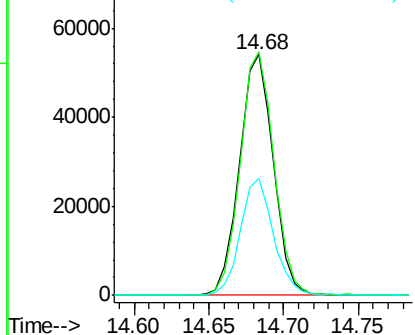
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

Instrument :
BNA_G
ClientSampleId :
SB-39-COMP

Tgt Ion:164 Resp: 84466
Ion Ratio Lower Upper
164 100
162 101.2 78.8 118.2
160 48.3 35.4 53.0

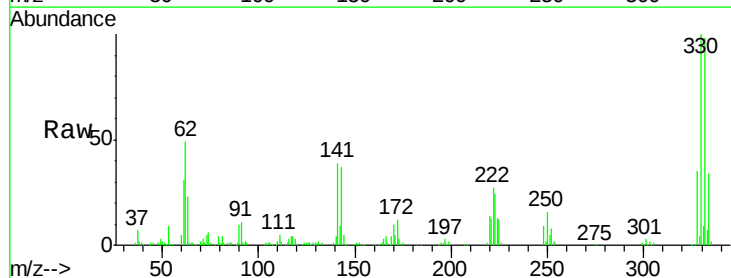


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

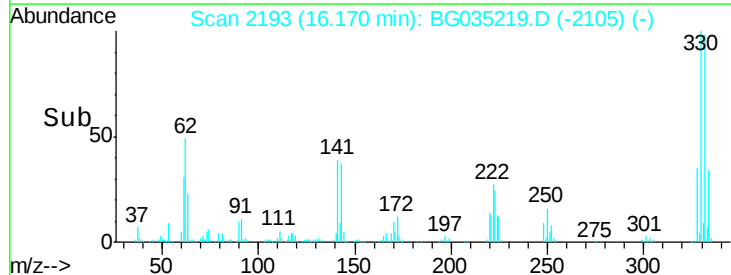
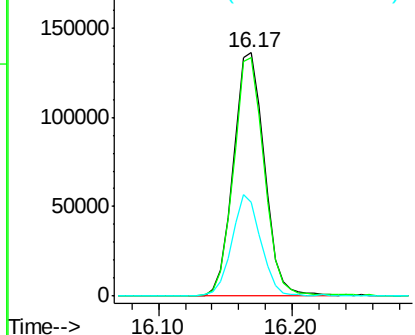


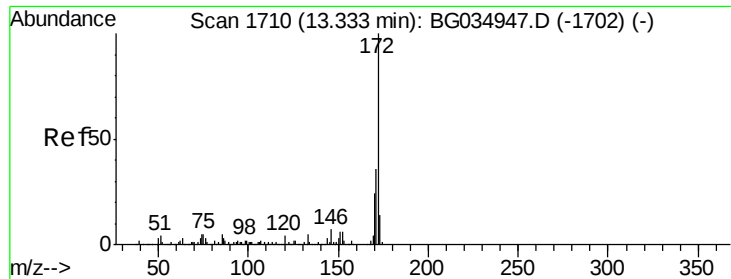
#41
2,4,6-Tribromophenol
Concen: 203.635 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

Tgt Ion:330 Resp: 220185
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 38.9 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

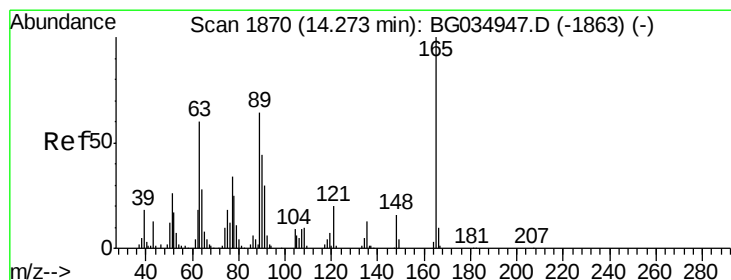
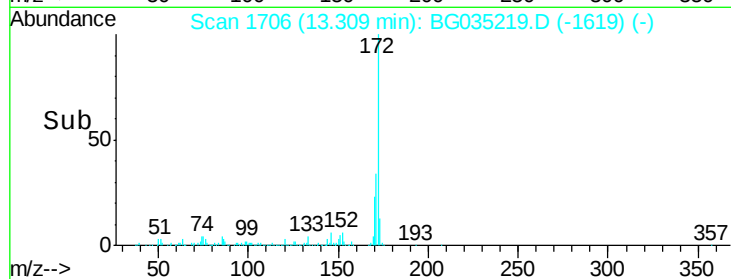
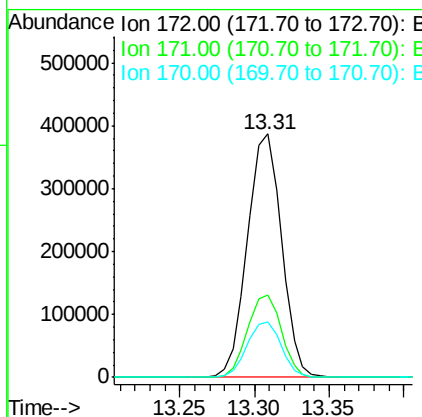
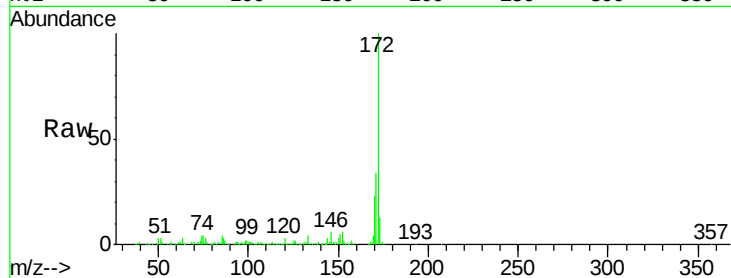




#44
 2-Fluorobiphenyl
 Concen: 94.198 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035219.D
 Acq: 18 Jun 2018 15:16

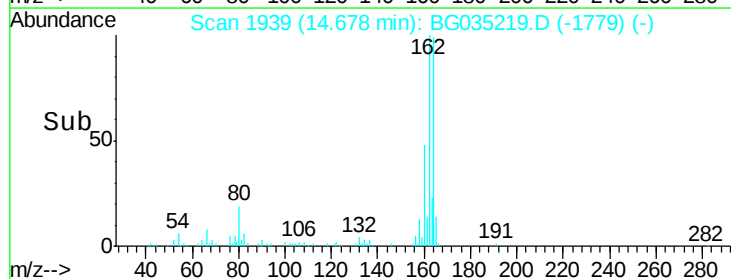
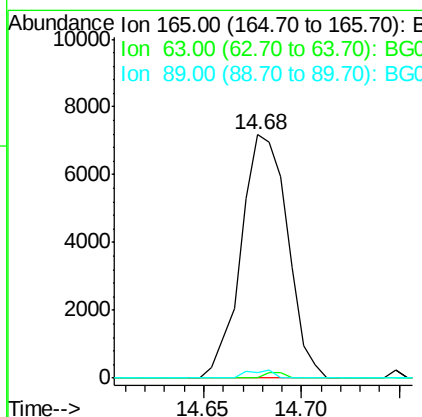
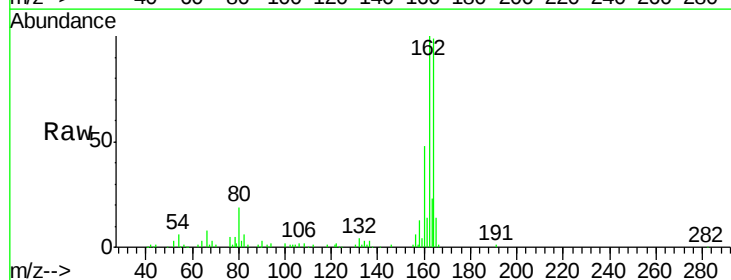
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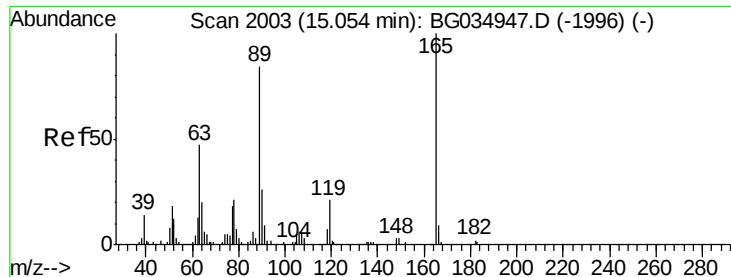
Tgt Ion:172 Resp: 612044
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.0 45.0
 170 22.6 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.801 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035219.D
 Acq: 18 Jun 2018 15:16

Tgt Ion:165 Resp: 11826
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.3 49.2 73.8#

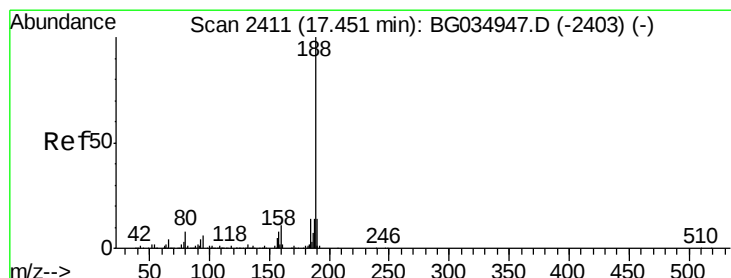
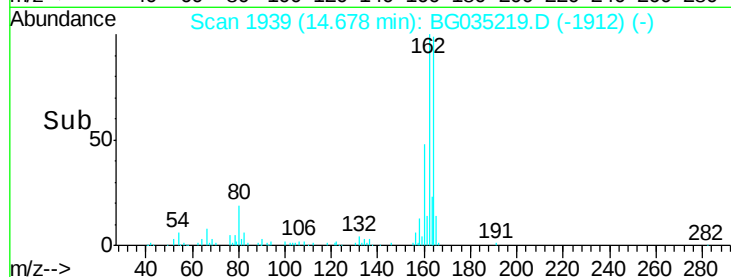
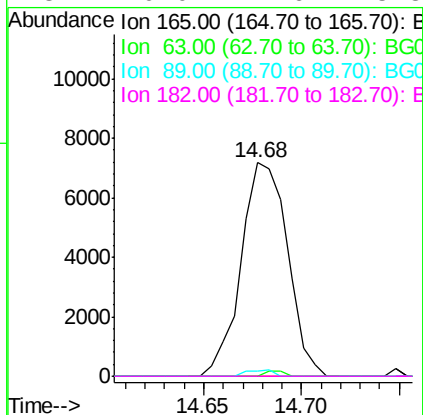
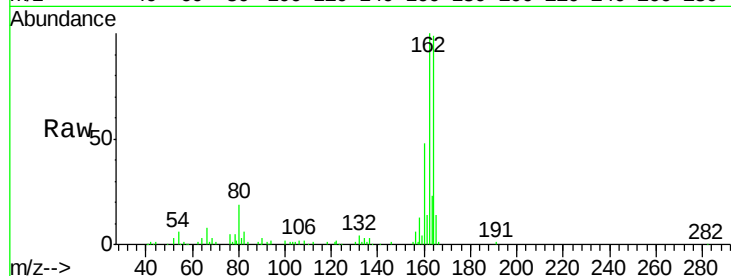




#56
 2,4-Dinitrotoluene
 Concen: 6.625 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035219.D
 Acq: 18 Jun 2018 15:16

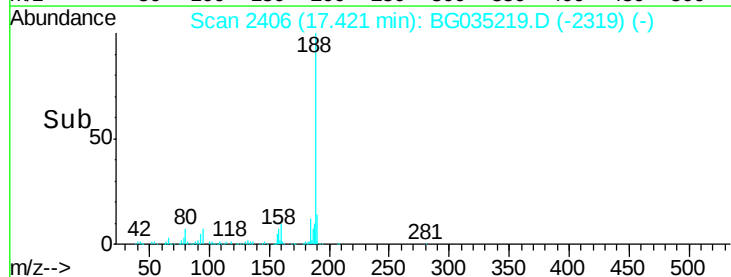
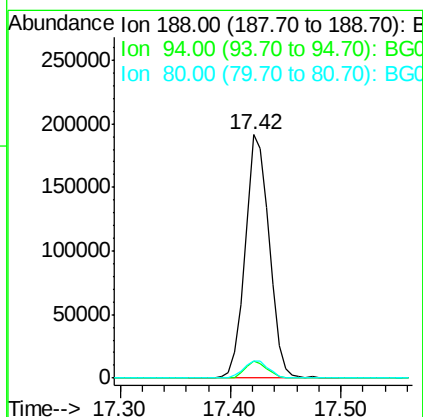
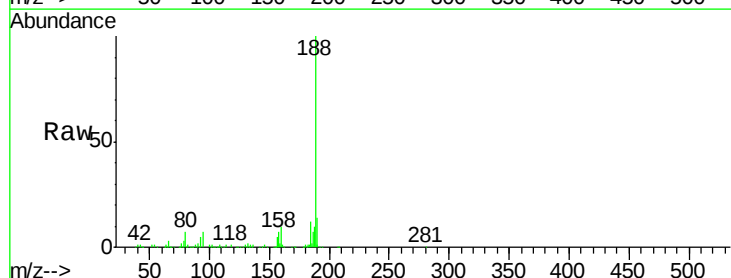
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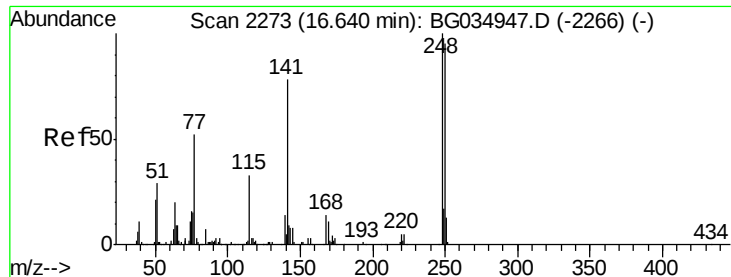
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035219.D
 Acq: 18 Jun 2018 15:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.1	7.7	11.5#

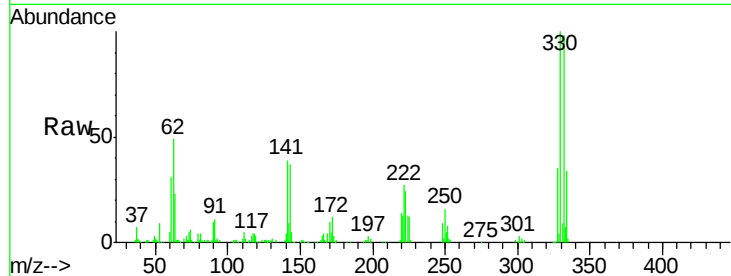




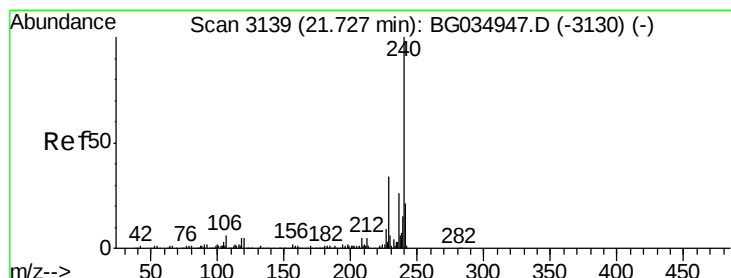
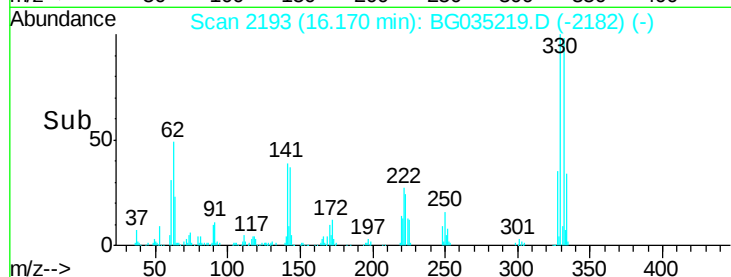
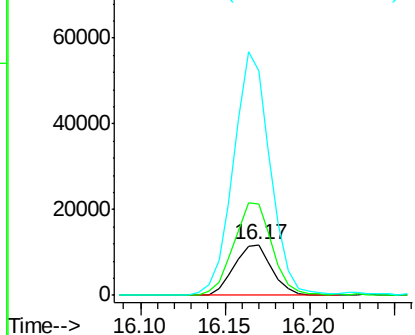
#66
4-Bromophenyl-phenylether
Concen: 5.177 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.47 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

Instrument :
BNA_G
ClientSampleId :
SB-39-COMP

Tgt Ion:248 Resp: 18203
Ion Ratio Lower Upper
248 100
250 181.7 77.1 115.7#
141 444.8 50.8 76.2#

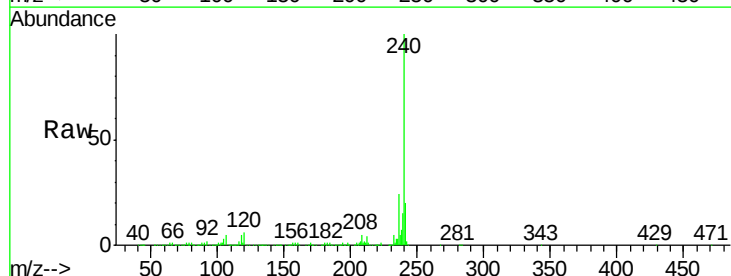


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

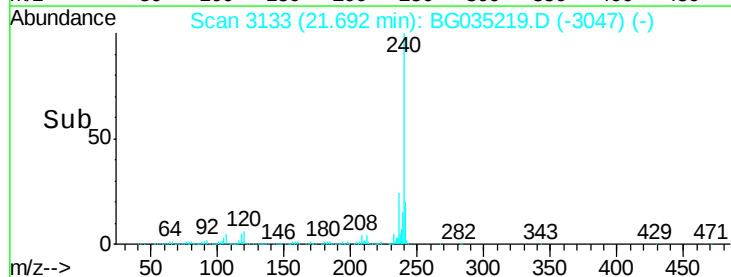
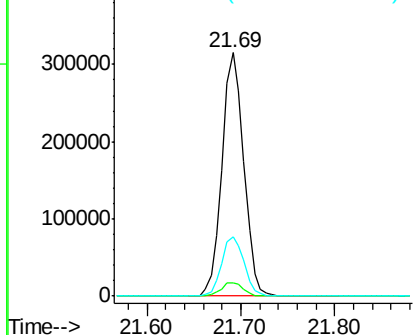


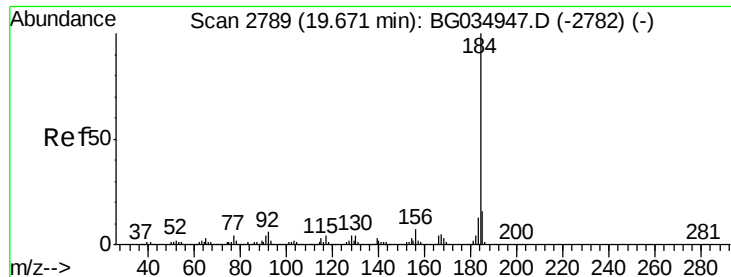
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

Tgt Ion:240 Resp: 509313
Ion Ratio Lower Upper
240 100
120 5.6 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

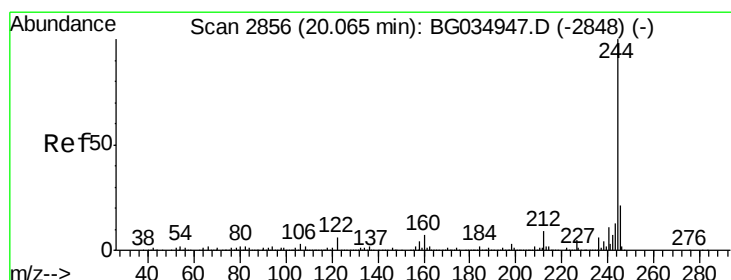
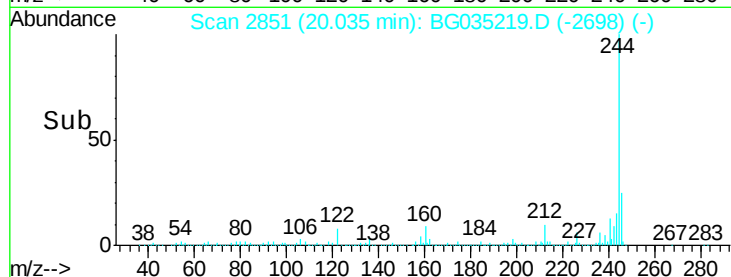
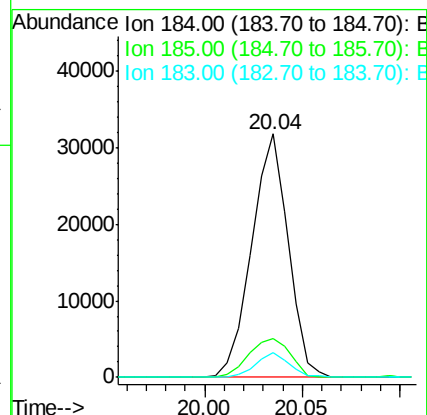
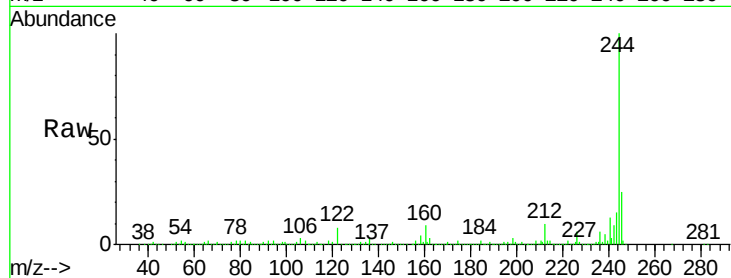




#76
Benzidine
Concen: 2.168 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.37 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

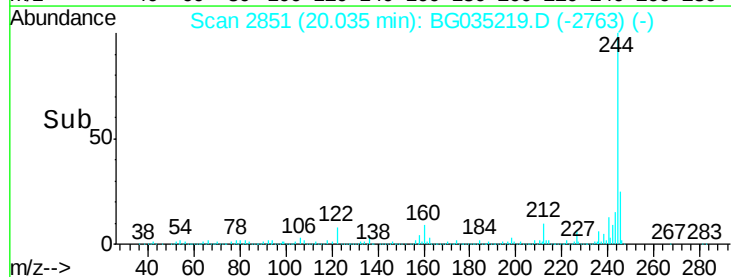
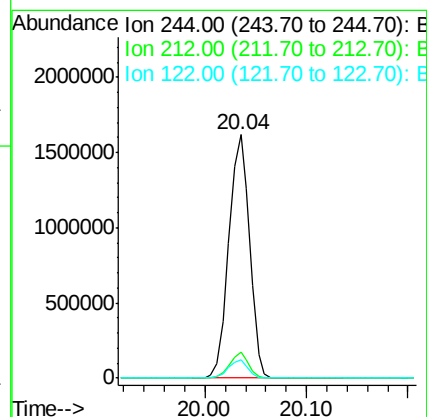
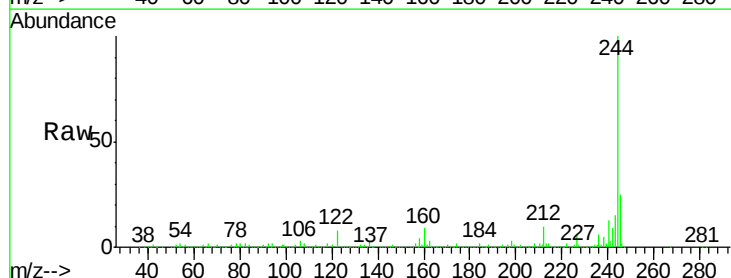
Instrument :
BNA_G
ClientSampleId :
SB-39-COMP

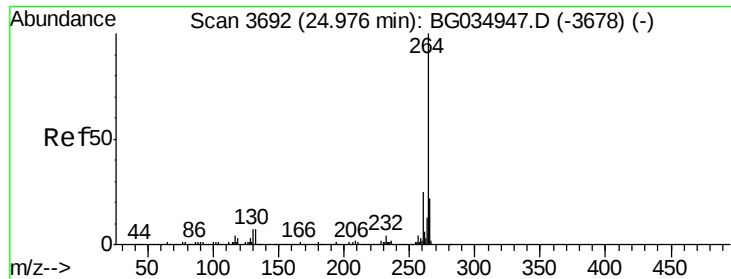
Tgt Ion:184 Resp: 41084
Ion Ratio Lower Upper
184 100
185 16.0 11.1 16.7
183 10.3 10.6 16.0#



#78
Terphenyl-d14
Concen: 94.242 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

Tgt Ion:244 Resp: 2291462
Ion Ratio Lower Upper
244 100
212 10.4 5.8 8.8#
122 7.6 7.0 10.4

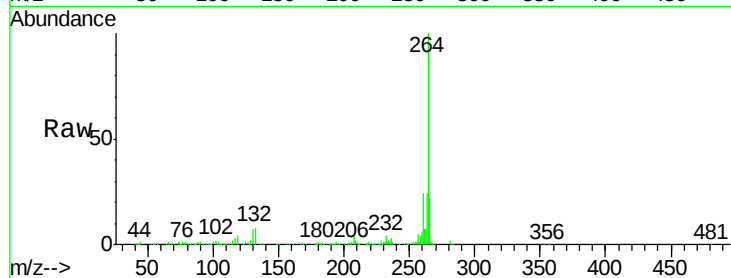




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035219.D
Acq: 18 Jun 2018 15:16

Instrument :
BNA_G
ClientSampleId :
SB-39-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.1	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

