

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035216.D
 Acq On : 18 Jun 2018 13:19
 Operator : SJ/JU
 Sample : J3504-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-46COMP

Quant Time: Jun 18 16:21:02 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

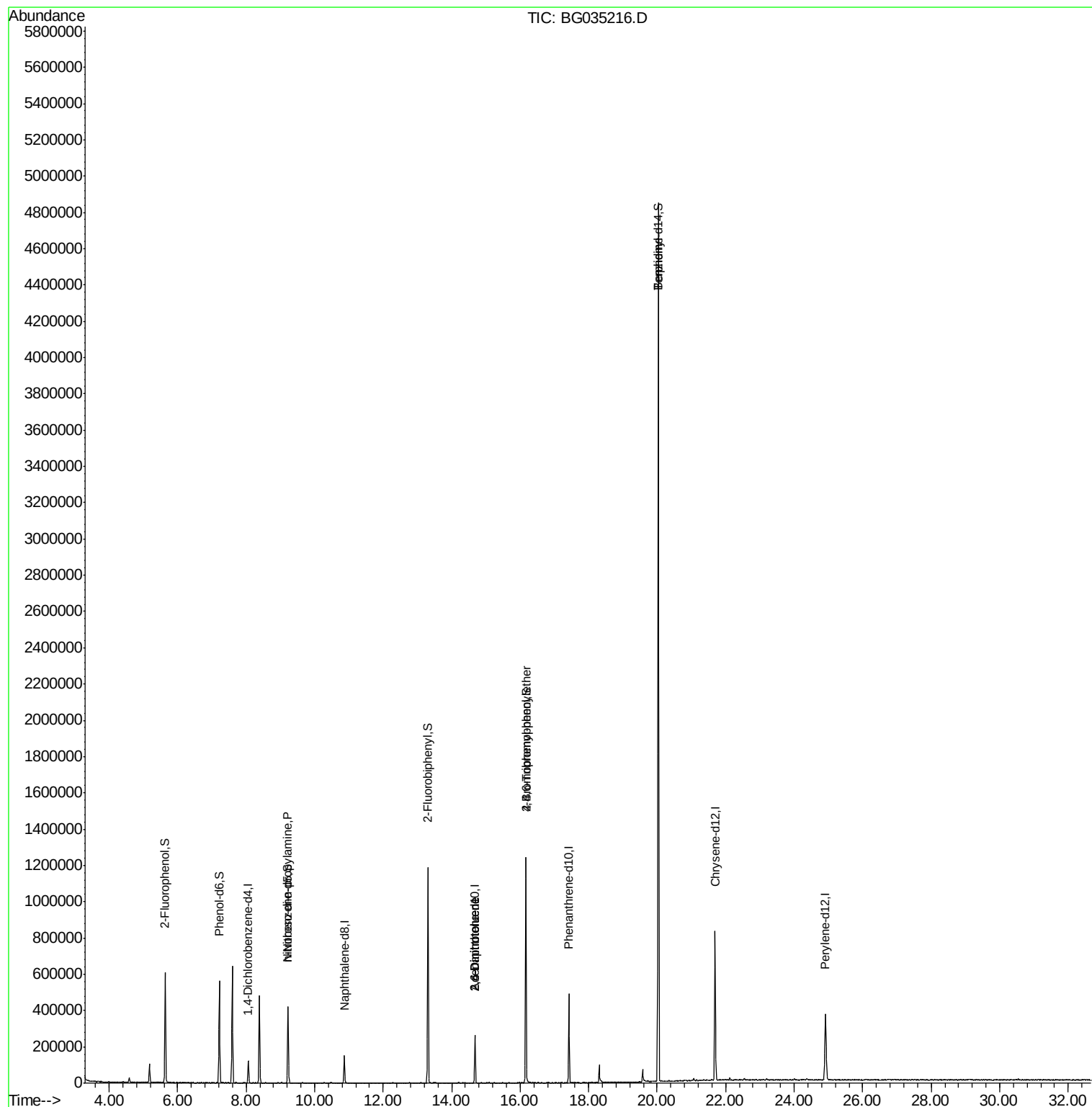
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	35475	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	130828	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	91888	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	313439	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	510632	20.00	ng	-0.03
86) Perylene-d12	24.92	264	392978	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	274561	130.61	ng	-0.01
7) Phenol-d6	7.22	99	356468	114.89	ng	0.00
23) Nitrobenzene-d5	9.22	82	280934	102.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	232237	197.43	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	638165	90.29	ng	-0.02
78) Terphenyl-d14	20.03	244	2292486	94.04	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	38178	14.484	ng	# 71
50) 2,6-Dinitrotoluene	14.68	165	13020	8.907	ng	# 19
56) 2,4-Dinitrotoluene	14.68	165	13020	6.705	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	18311	4.851	ng	# 1
76) Benzidine	20.03	184	41949	2.208	ng	# 93

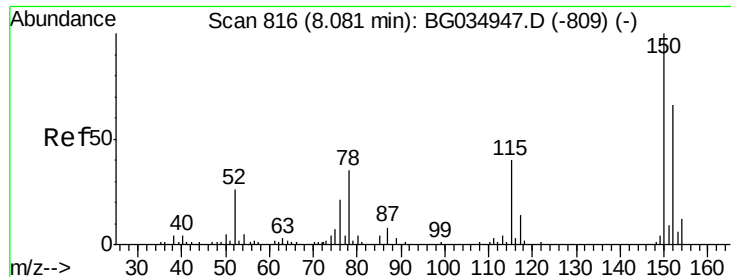
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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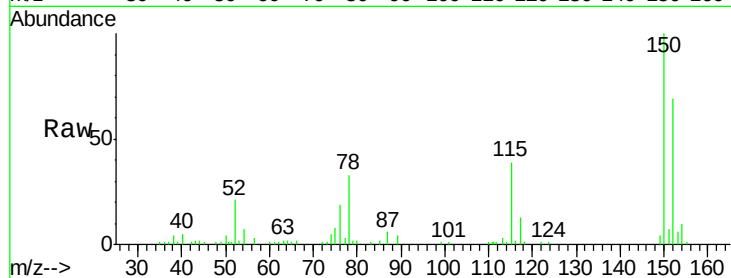


#1

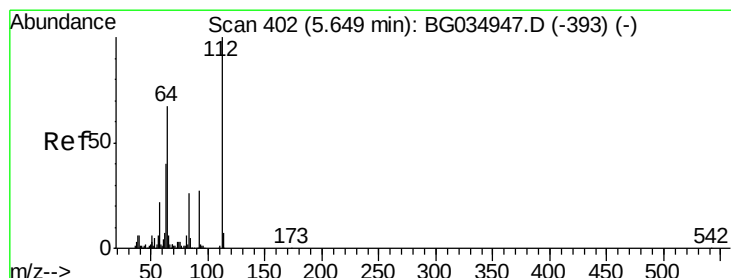
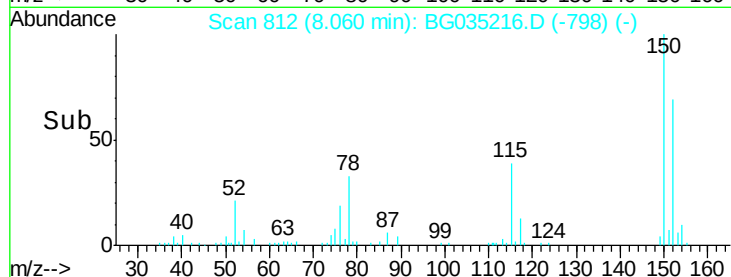
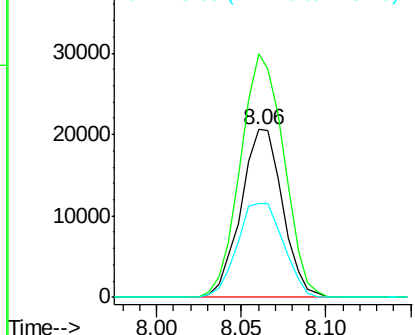
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG035216.D
 Acq: 18 Jun 2018 13:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-46COMP

Tgt Ion:152 Resp: 35475
 Ion Ratio Lower Upper
 152 100
 150 145.2 126.6 189.8
 115 56.3 53.0 79.4



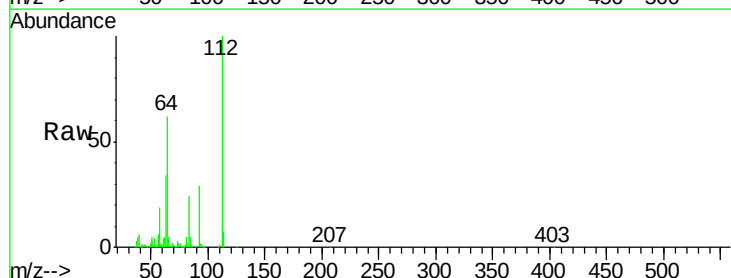
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



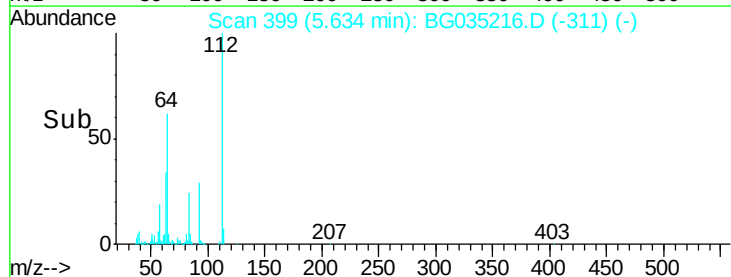
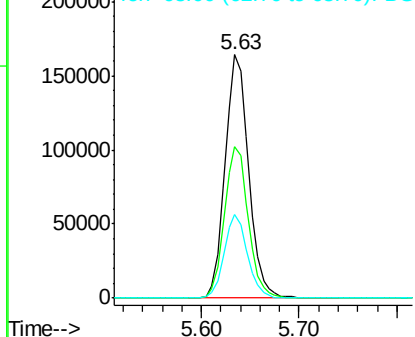
#5

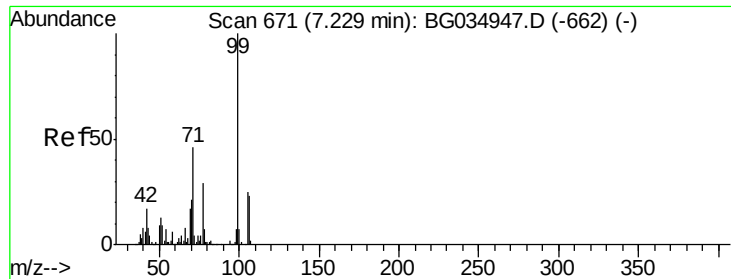
2-Fluorophenol
 Concen: 130.613 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG035216.D
 Acq: 18 Jun 2018 13:19

Tgt Ion:112 Resp: 274561
 Ion Ratio Lower Upper
 112 100
 64 62.0 56.3 84.5
 63 34.2 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: 114.895 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

Instrument :

BNA_G

ClientSampleId :

SB-46COMP

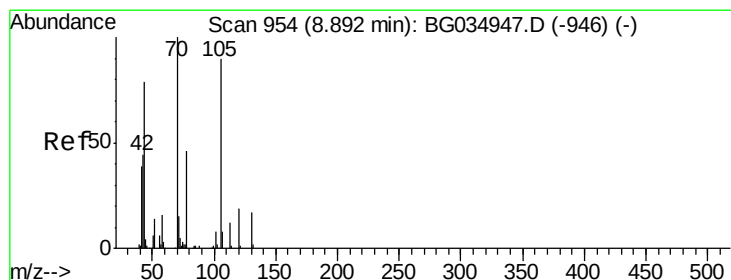
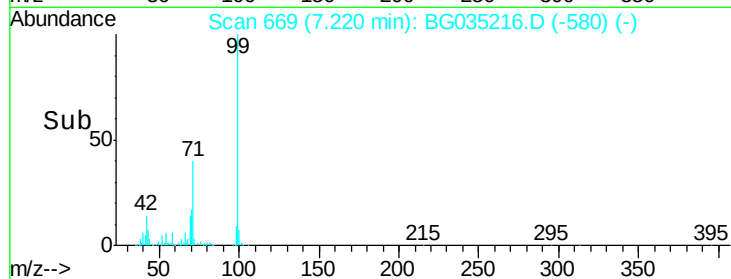
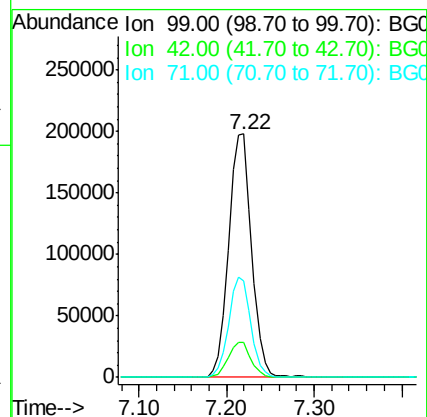
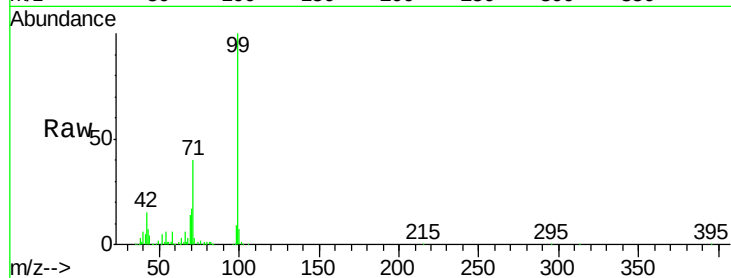
Tgt Ion: 99 Resp: 356468

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

71 39.5 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.484 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

Tgt Ion: 70 Resp: 38178

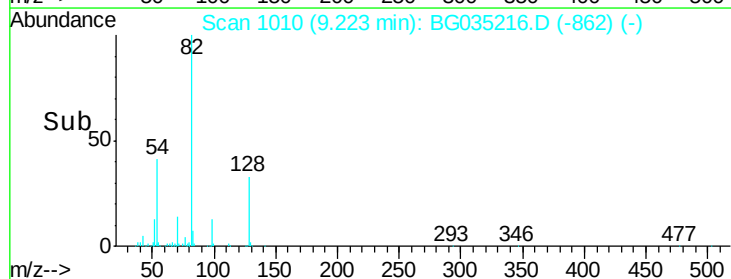
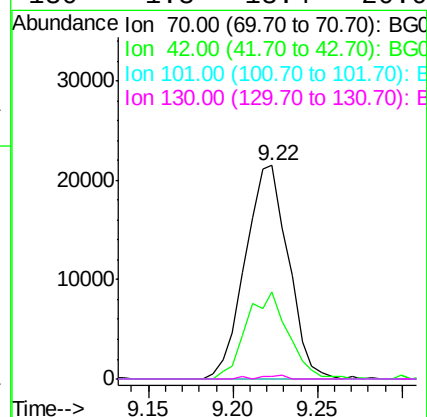
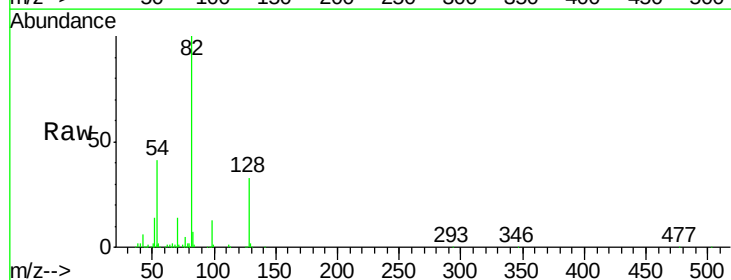
Ion Ratio Lower Upper

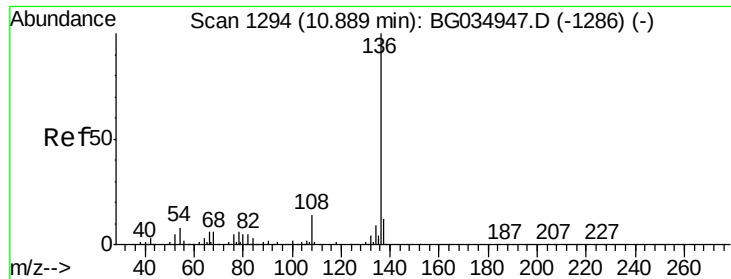
70 100

42 40.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#

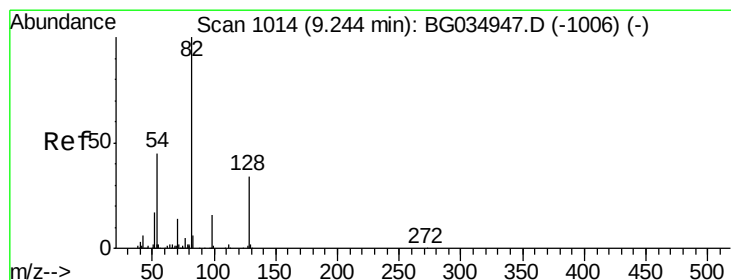
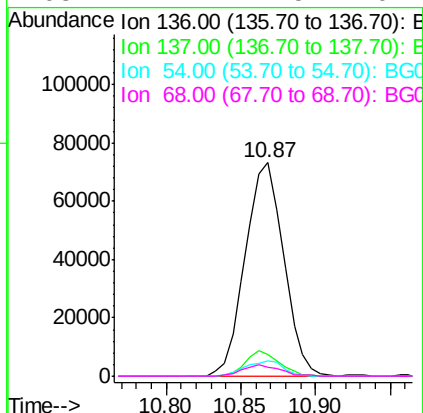
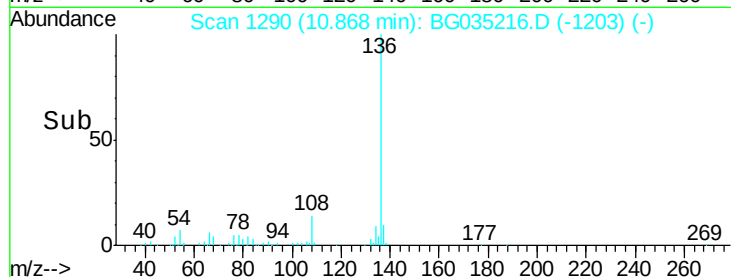
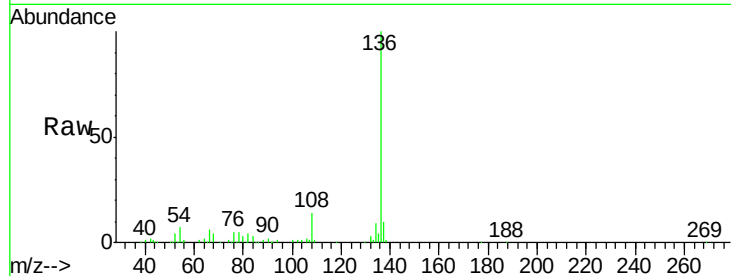




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035216.D
Acq: 18 Jun 2018 13:19

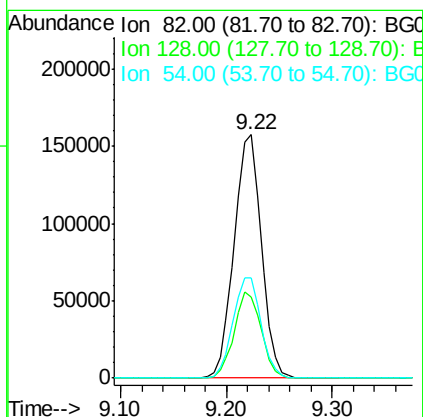
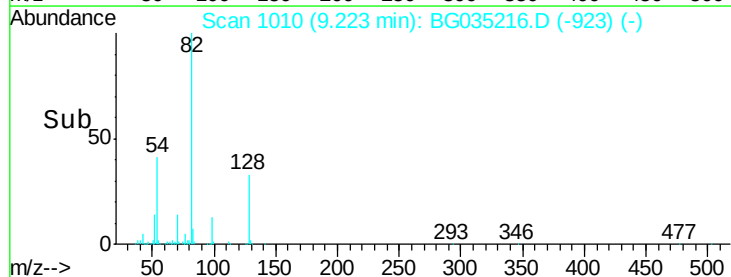
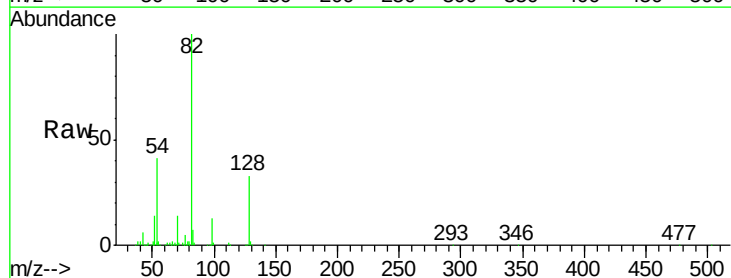
Instrument :
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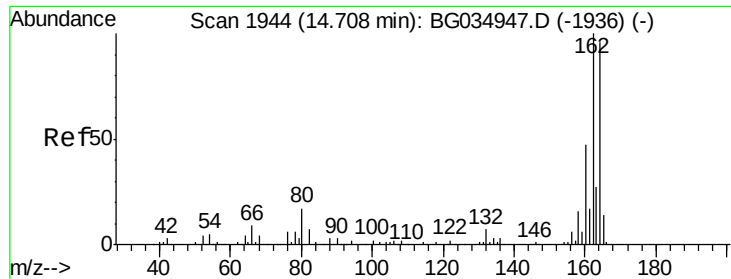
Tgt Ion:	136	Resp:	130828
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	7.1	10.3	15.5#
68	4.4	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 102.073 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035216.D
Acq: 18 Jun 2018 13:19

Tgt Ion:	82	Resp:	280934
Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	41.2	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

Instrument :

BNA_G

ClientSampleId :

SB-46COMP

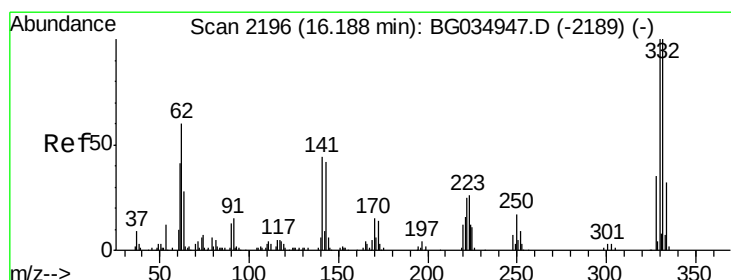
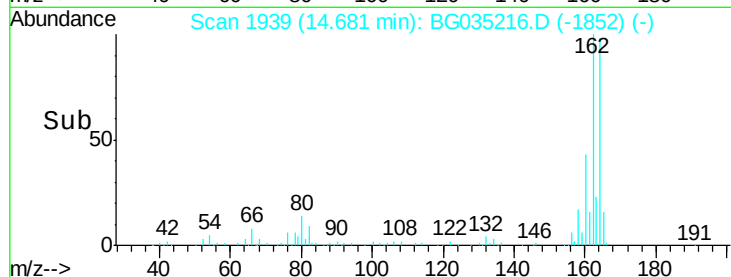
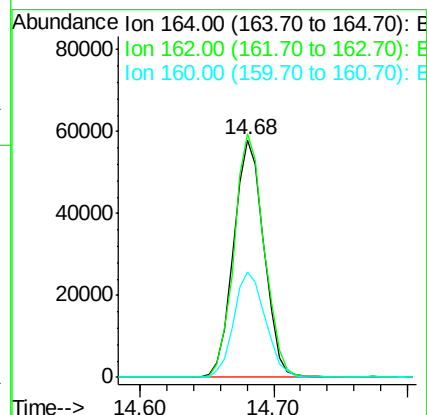
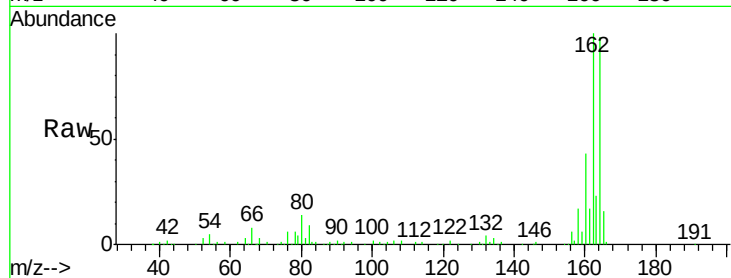
Tgt Ion:164 Resp: 91888

Ion Ratio Lower Upper

164 100

162 102.4 78.8 118.2

160 44.5 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 197.433 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

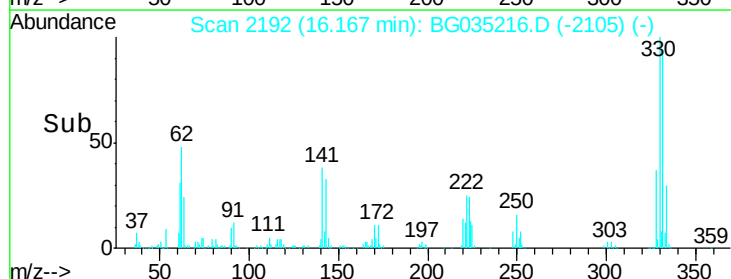
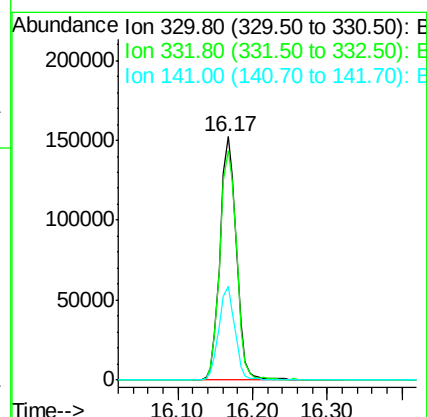
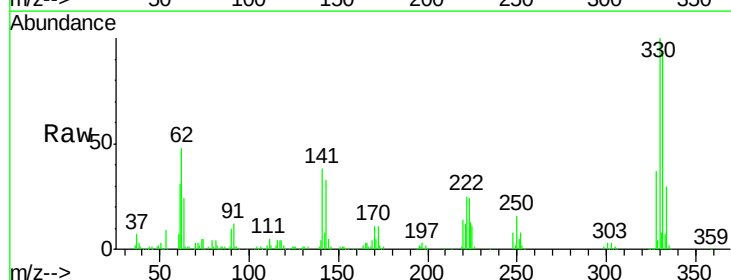
Tgt Ion:330 Resp: 232237

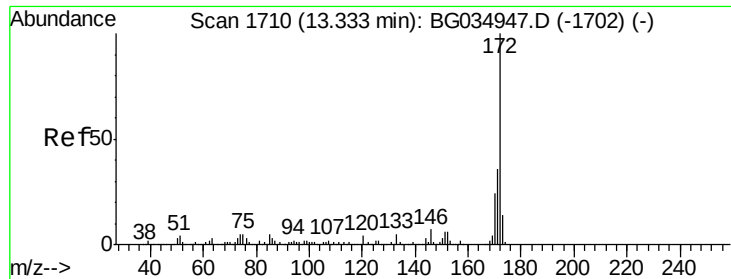
Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

141 37.7 25.2 37.8

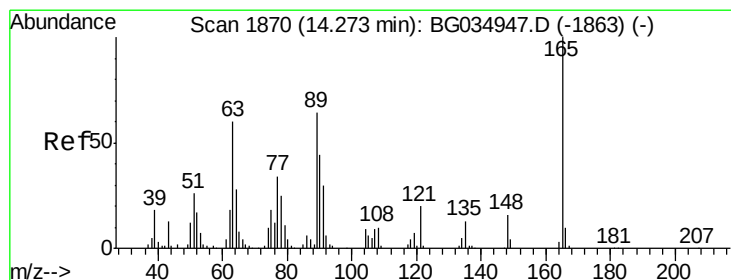
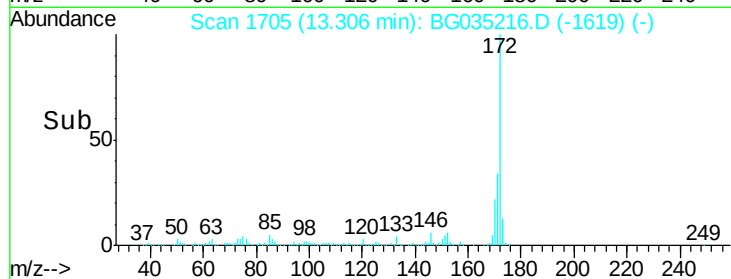
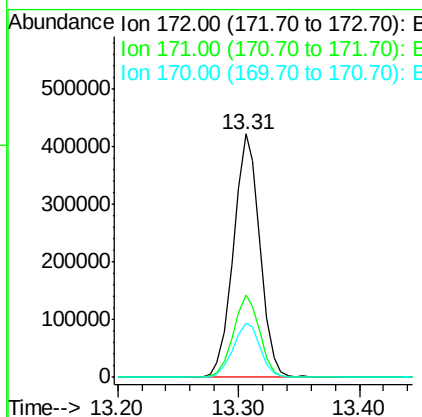
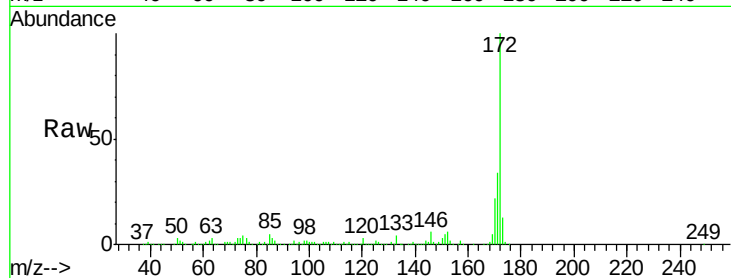




#44
 2-Fluorobiphenyl
 Concen: 90.285 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035216.D
 Acq: 18 Jun 2018 13:19

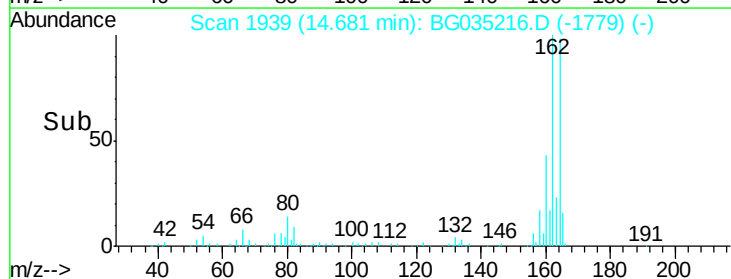
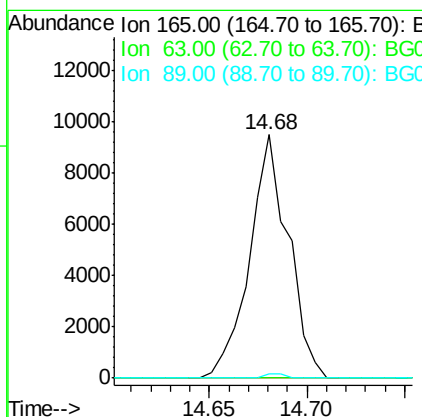
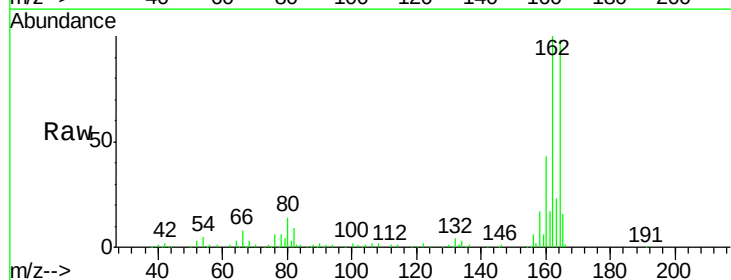
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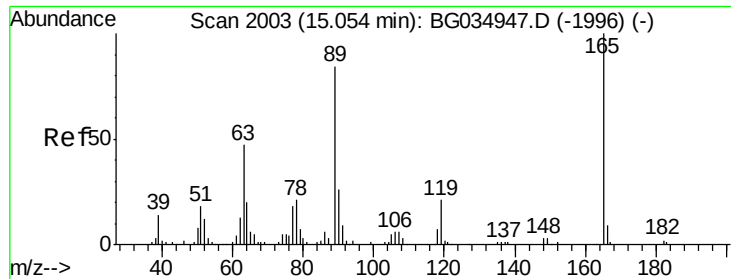
Tgt Ion:172 Resp: 638165
 Ion Ratio Lower Upper
 172 100
 171 33.9 30.0 45.0
 170 22.3 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.907 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035216.D
 Acq: 18 Jun 2018 13:19

Tgt Ion:165 Resp: 13020
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.8 49.2 73.8#

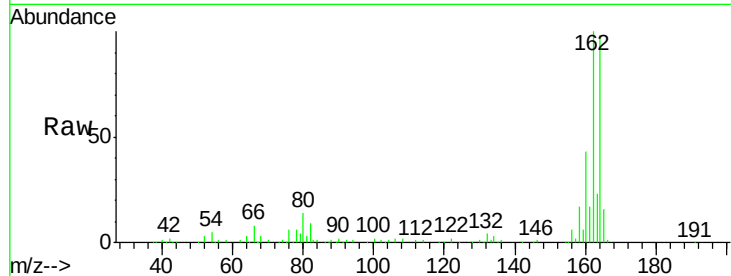




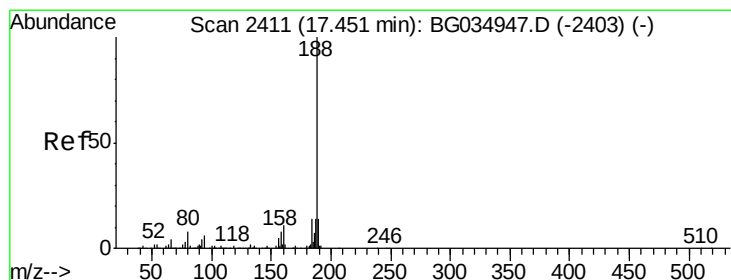
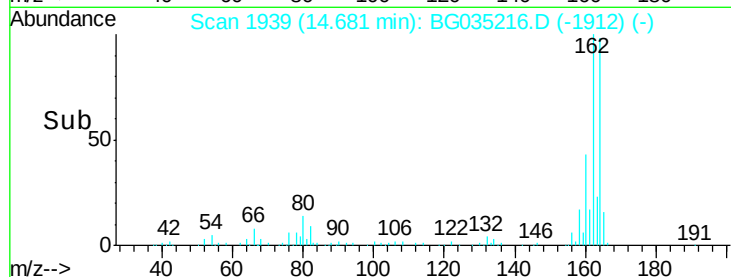
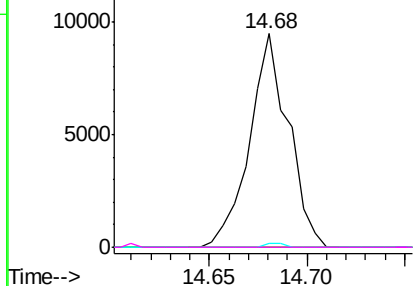
#56
2,4-Dinitrotoluene
Concen: 6.705 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035216.D
Acq: 18 Jun 2018 13:19

Instrument :
BNA_G
ClientSampleId :
SB-46COMP

Tgt Ion:	165	Resp:	13020
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

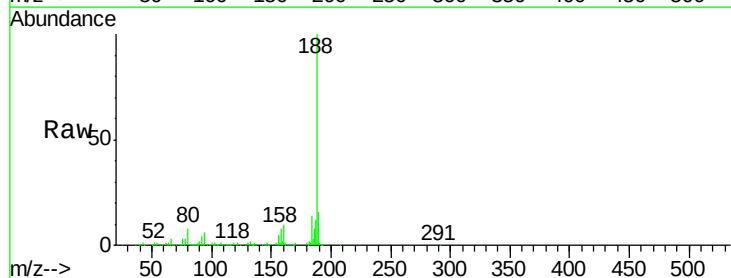


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

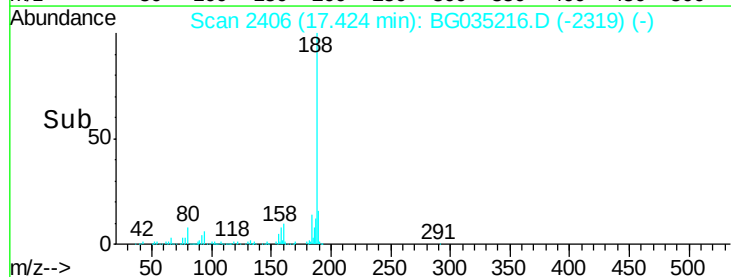
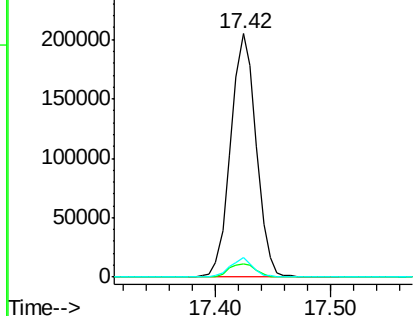


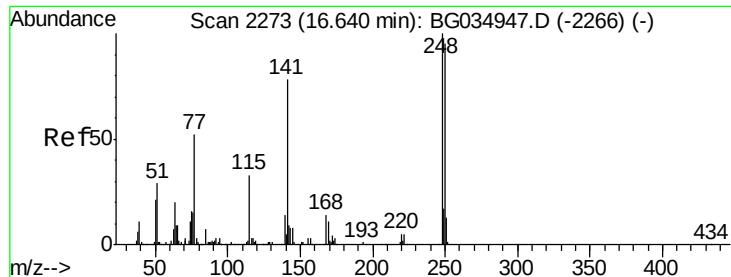
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035216.D
Acq: 18 Jun 2018 13:19

Tgt Ion:	188	Resp:	313439
Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	8.1	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

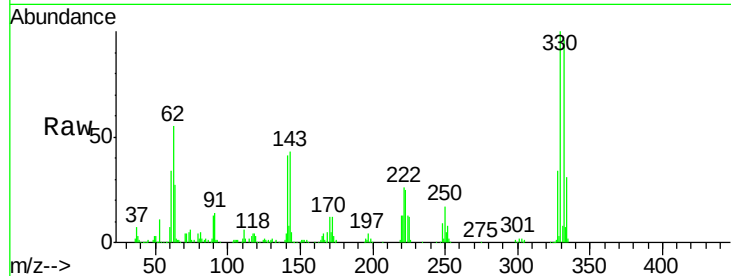




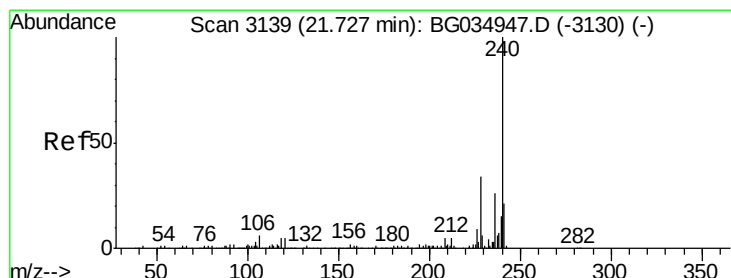
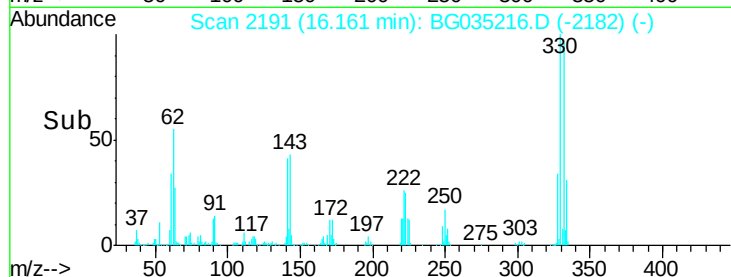
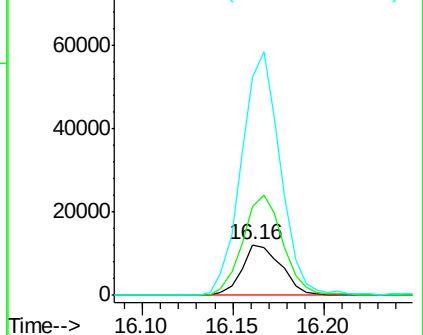
#66
4-Bromophenyl-phenylether
Concen: 4.851 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.47 min
Lab File: BG035216.D
Acq: 18 Jun 2018 13:19

Instrument :
BNA_G
ClientSampleId :
SB-46COMP

Tgt Ion:248 Resp: 18311
Ion Ratio Lower Upper
248 100
250 175.5 77.1 115.7#
141 430.4 50.8 76.2#

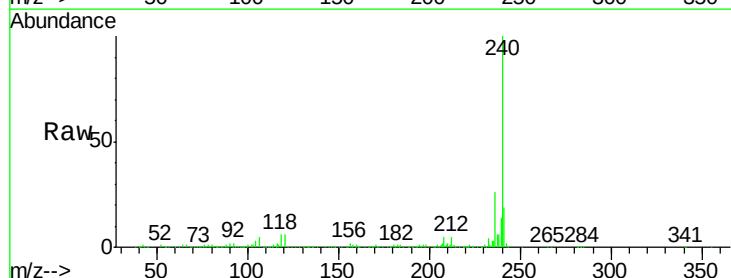


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

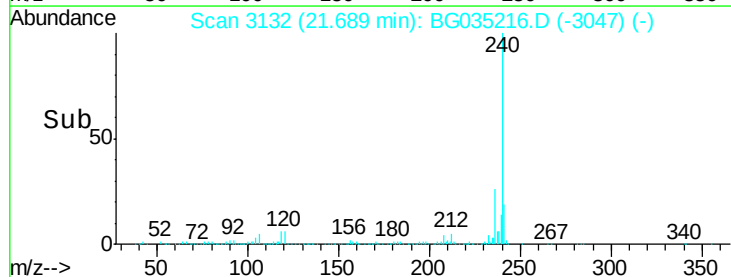
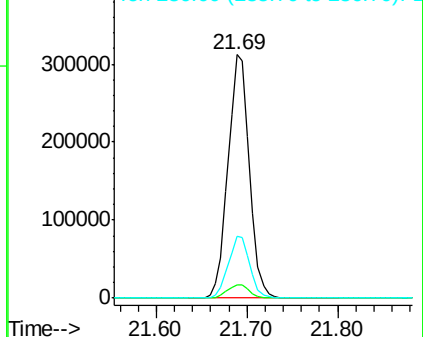


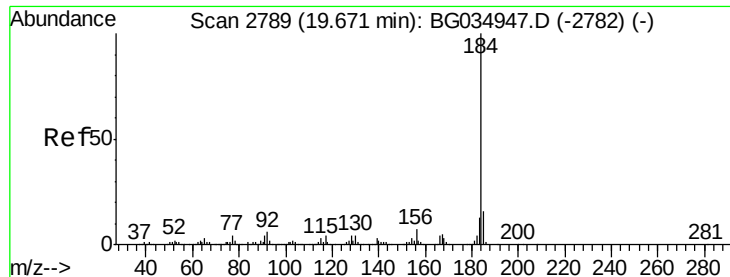
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035216.D
Acq: 18 Jun 2018 13:19

Tgt Ion:240 Resp: 510632
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 25.5 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





#76

Benzidine

Concen: 2.208 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.37 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

Instrument :

BNA_G

ClientSampleId :

SB-46COMP

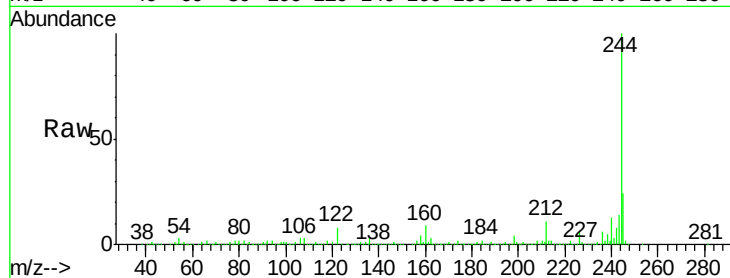
Tgt Ion:184 Resp: 41949

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

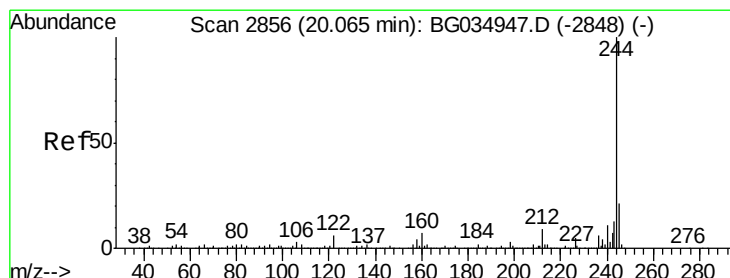
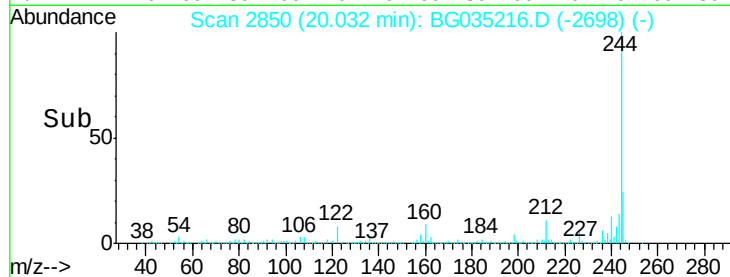
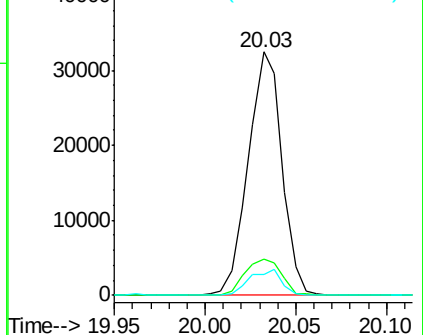
183 8.6 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 94.041 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

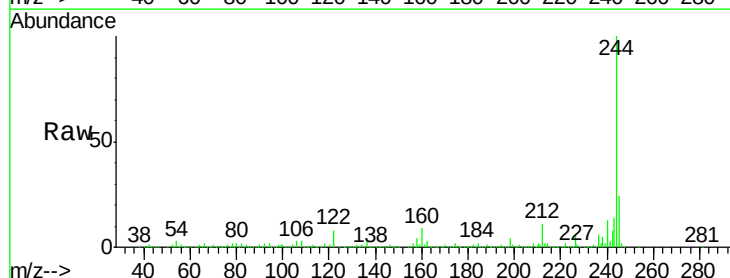
Tgt Ion:244 Resp: 2292486

Ion Ratio Lower Upper

244 100

212 10.5 5.8 8.8#

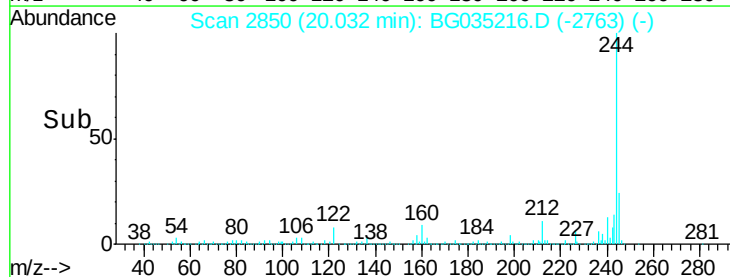
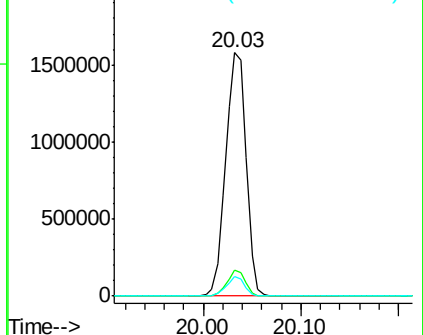
122 8.1 7.0 10.4

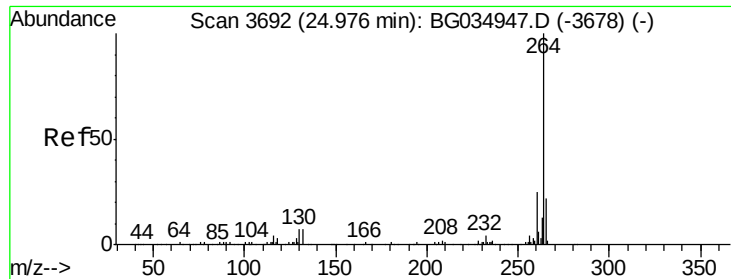


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



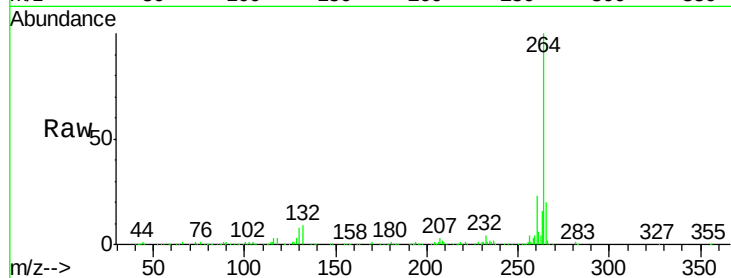


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.03 min
Lab File: BG035216.D
Acq: 18 Jun 2018 13:19

Instrument :
BNA_G
ClientSampleId :
SB-46COMP

Tgt Ion: 264 Resp: 392978

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	20.1	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

