

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035228.D
 Acq On : 18 Jun 2018 21:07
 Operator : SJ/JU
 Sample : PB110293BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110293BL

Quant Time: Jun 19 01:29:34 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

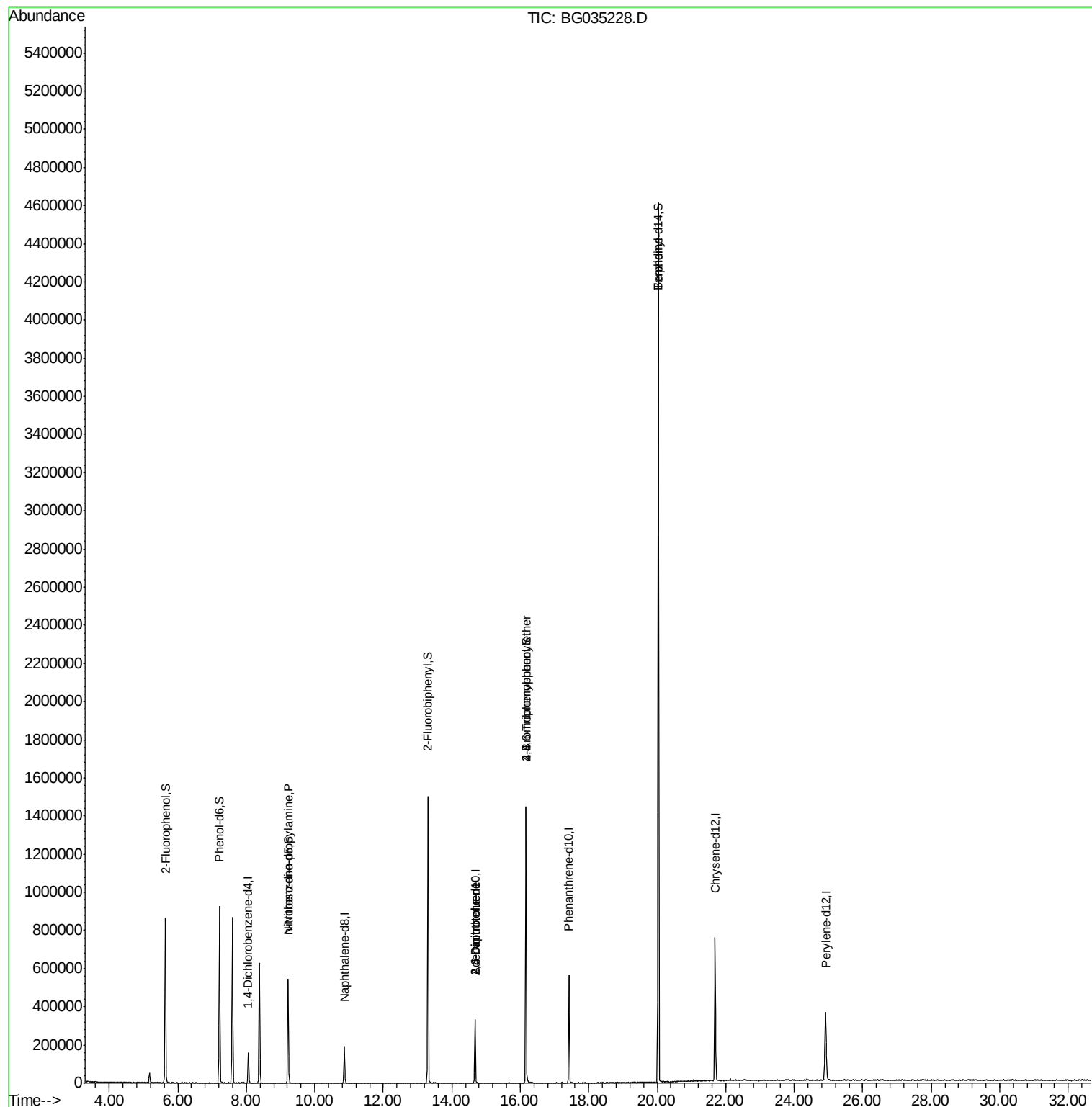
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45464	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	164043	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	116458	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	364287	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	480214	20.00	ng	-0.02
86) Perylene-d12	24.92	264	414180	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	387573	143.87	ng	0.00
7) Phenol-d6	7.22	99	555888	139.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	353468	102.42	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	277230	185.96	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	832899	92.97	ng	-0.02
78) Terphenyl-d14	20.04	244	2254059	98.32	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	48458	14.345	ng	# 67
50) 2,6-Dinitrotoluene	14.68	165	15912	8.589	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	15912	6.465	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	21471	4.894	ng	# 1
76) Benzidine	20.03	184	37685	2.109	ng	# 95

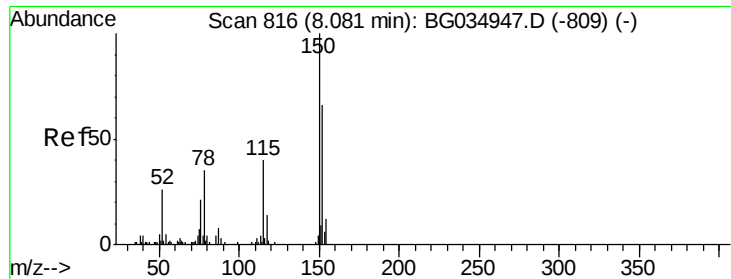
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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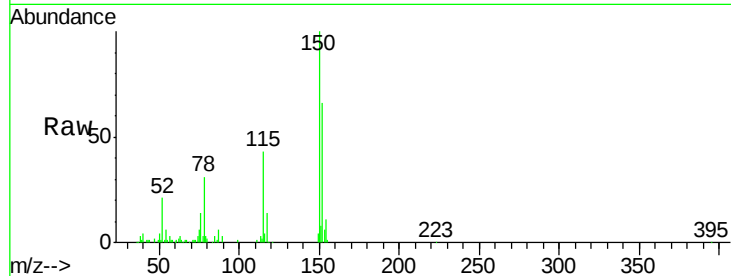


#1

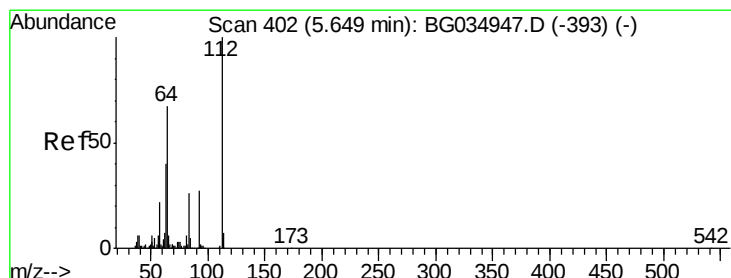
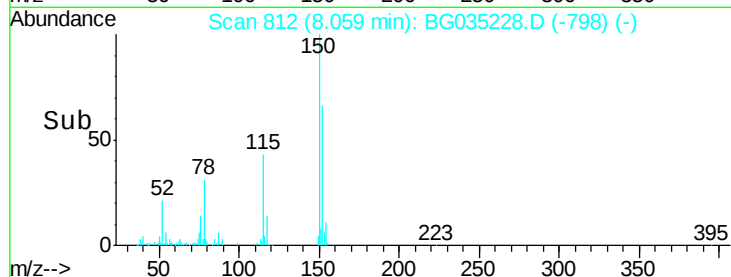
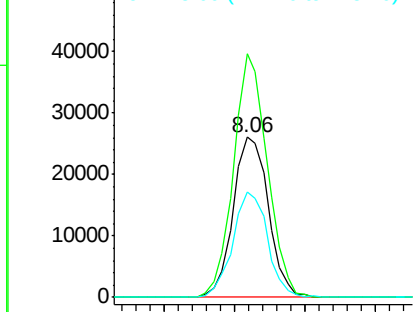
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035228.D
Acq: 18 Jun 2018 21:07

Instrument :
BNA_G
ClientSampleId :
PB110293BL

Tgt Ion:152 Resp: 45464
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 65.4 53.0 79.4



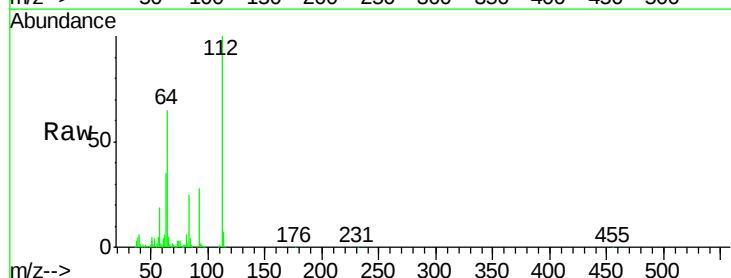
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



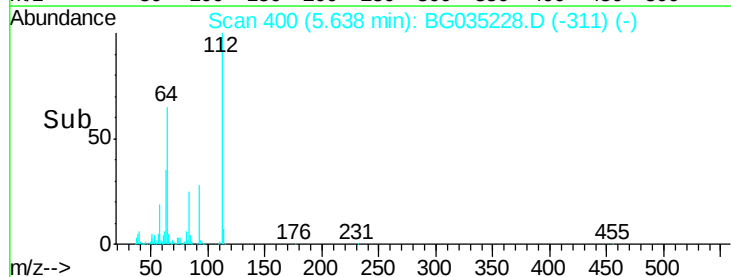
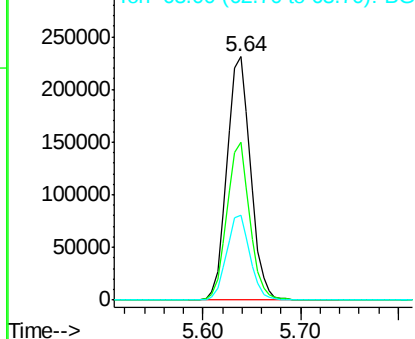
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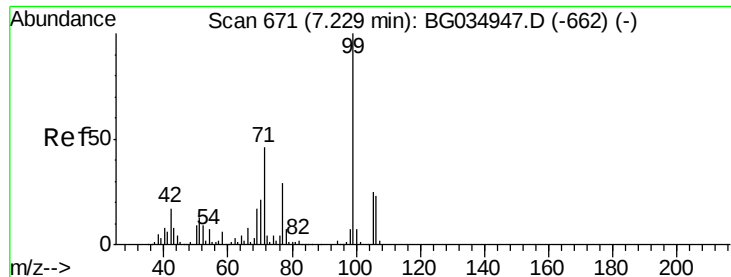
2-Fluorophenol
Concen: 143.866 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035228.D
Acq: 18 Jun 2018 21:07

Tgt Ion:112 Resp: 387573
Ion Ratio Lower Upper
112 100
64 64.6 56.3 84.5
63 35.0 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: 139.805 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035228.D

Acq: 18 Jun 2018 21:07

Instrument :

BNA_G

ClientSampleId :

PB110293BL

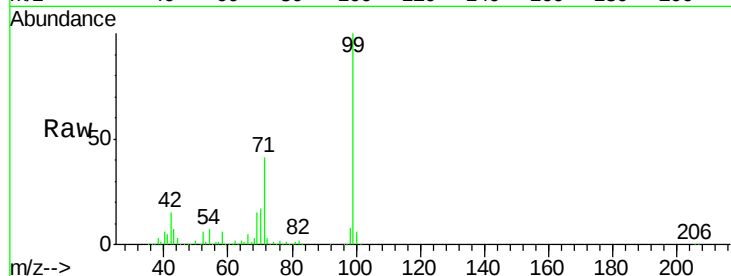
Tgt Ion: 99 Resp: 555888

Ion Ratio Lower Upper

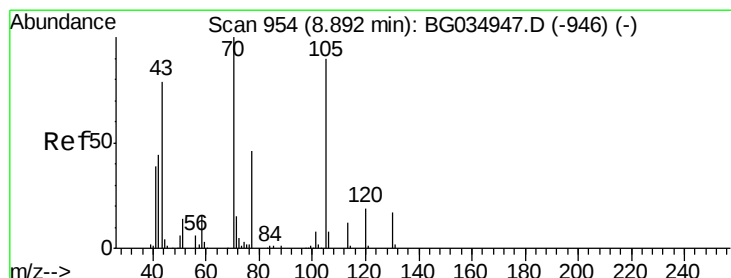
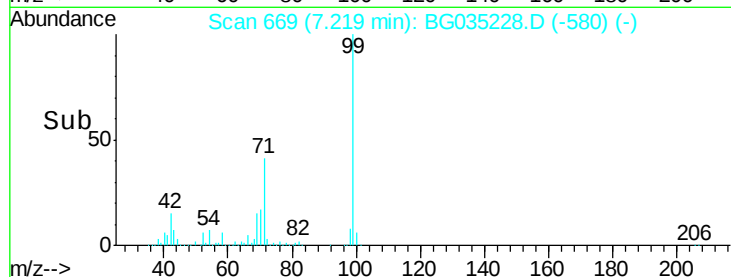
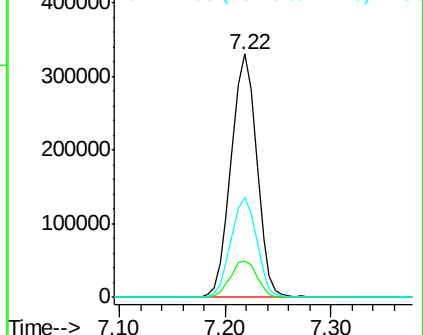
99 100

42 14.8 14.1 21.1

71 41.3 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: 14.345 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035228.D

Acq: 18 Jun 2018 21:07

Tgt Ion: 70 Resp: 48458

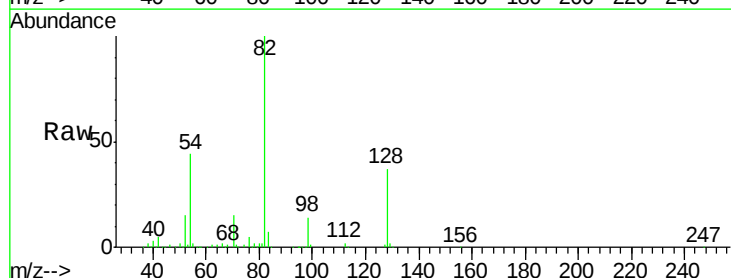
Ion Ratio Lower Upper

70 100

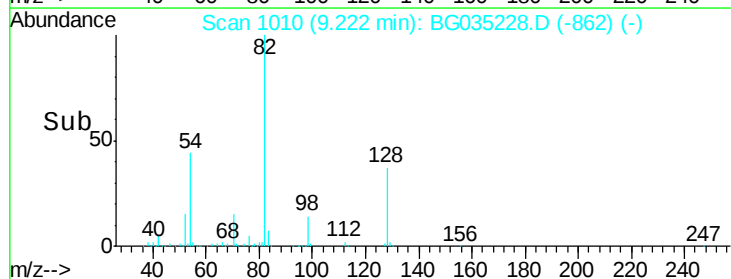
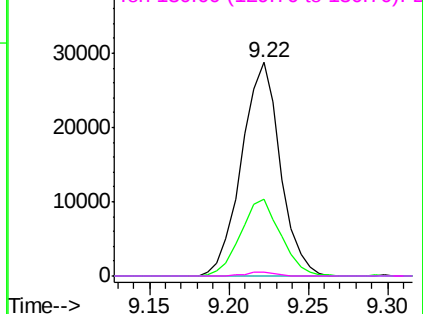
42 36.0 49.1 73.7#

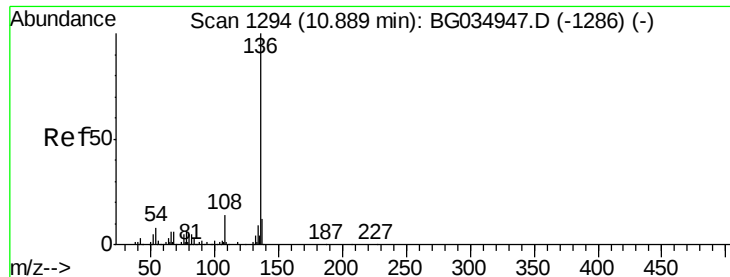
101 0.0 8.5 12.7#

130 1.8 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

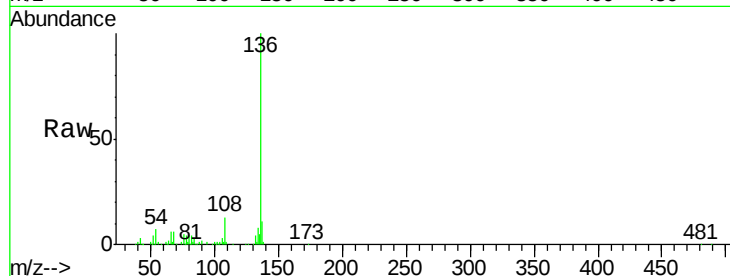




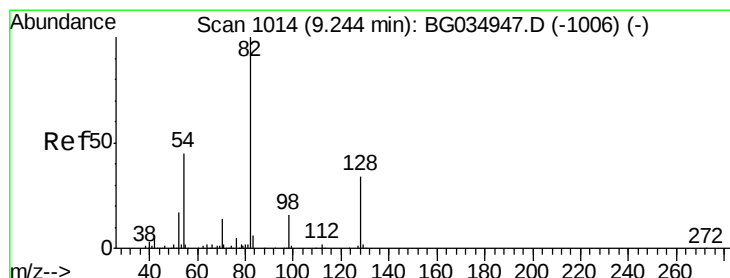
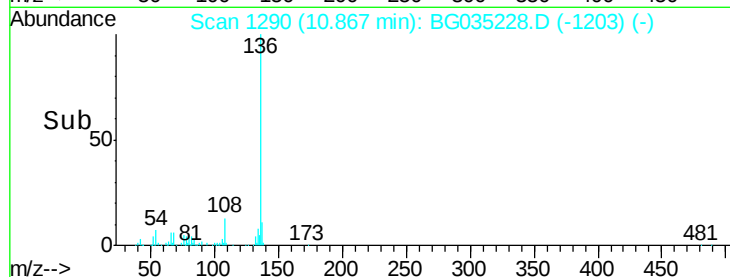
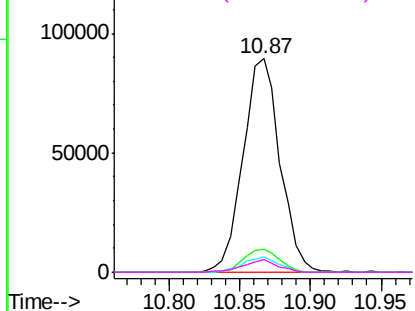
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035228.D
Acq: 18 Jun 2018 21:07

Instrument :
BNA_G
ClientSampleId :
PB110293BL

Tgt Ion:	136	Resp:	164043
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.1	10.3	15.5#
68	5.8	4.5	6.7

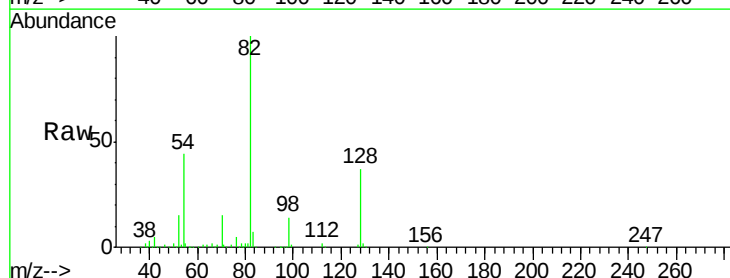


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

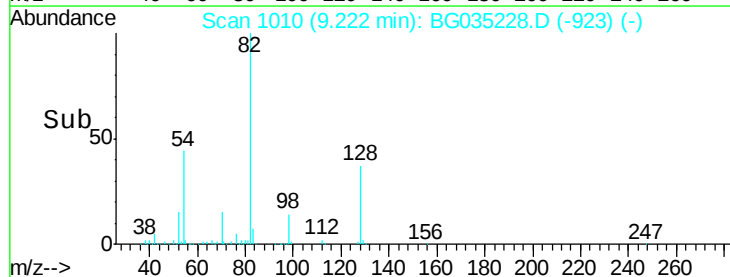
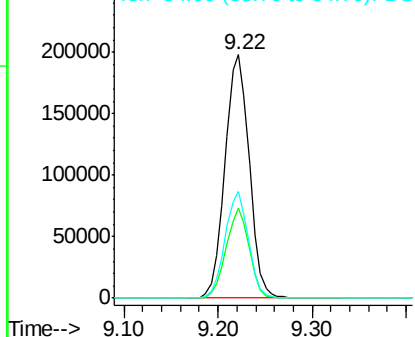


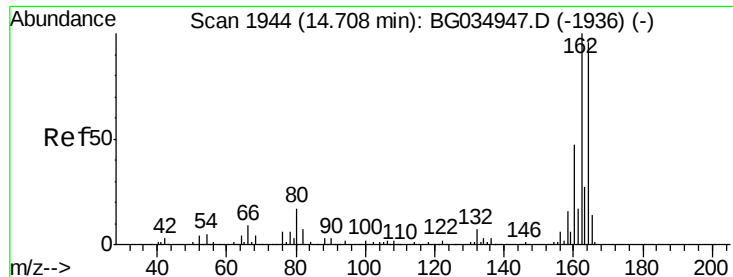
#23
Nitrobenzene-d5
Concen: 102.424 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035228.D
Acq: 18 Jun 2018 21:07

Tgt Ion:	82	Resp:	353468
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.7	44.5
54	43.8	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

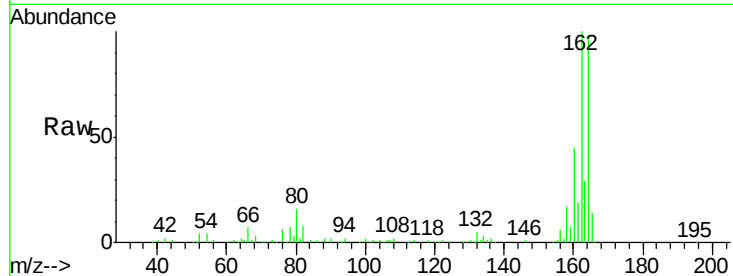




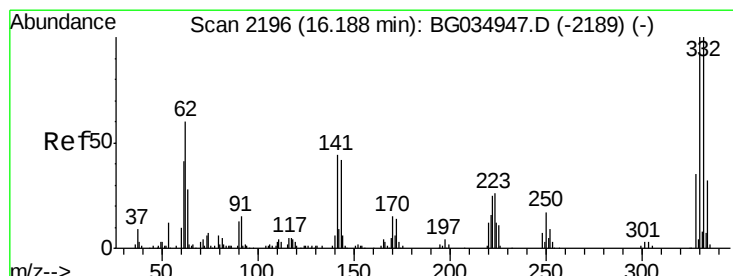
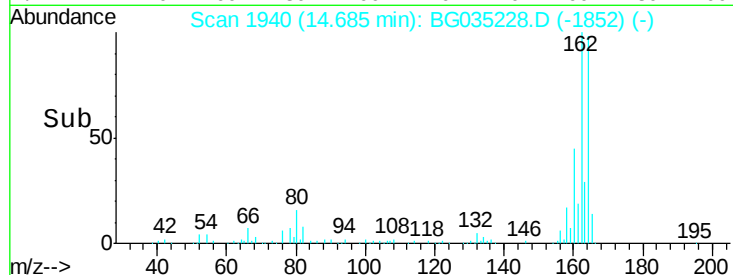
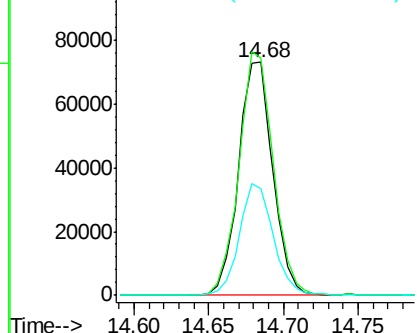
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035228.D
Acq: 18 Jun 2018 21:07

Instrument :
BNA_G
ClientSampleId :
PB110293BL

Tgt Ion:164 Resp: 116458
Ion Ratio Lower Upper
164 100
162 101.9 78.8 118.2
160 45.6 35.4 53.0

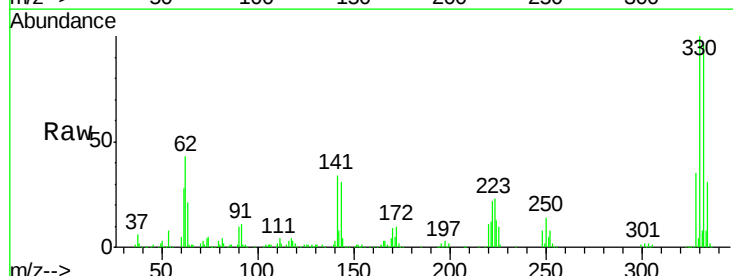


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

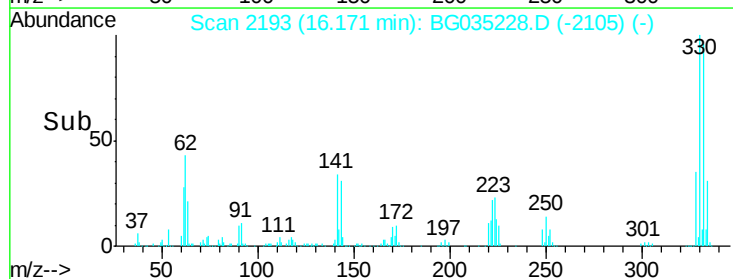
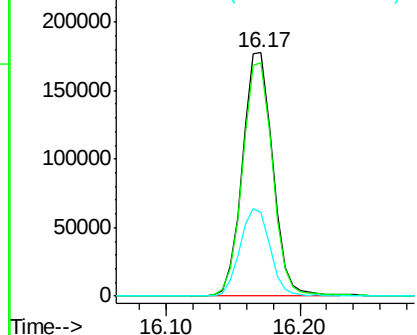


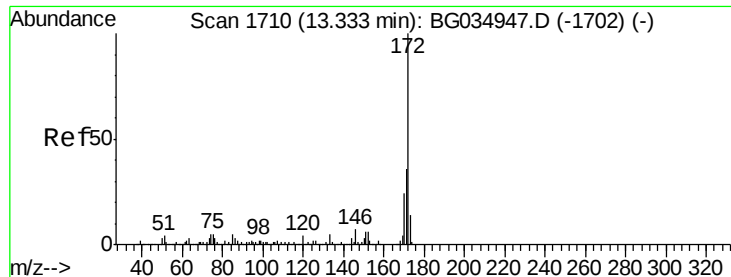
#41
2,4,6-Tribromophenol
Concen: 185.959 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035228.D
Acq: 18 Jun 2018 21:07

Tgt Ion:330 Resp: 277230
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 35.8 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

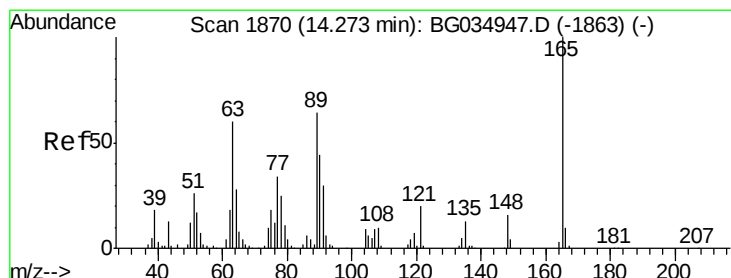
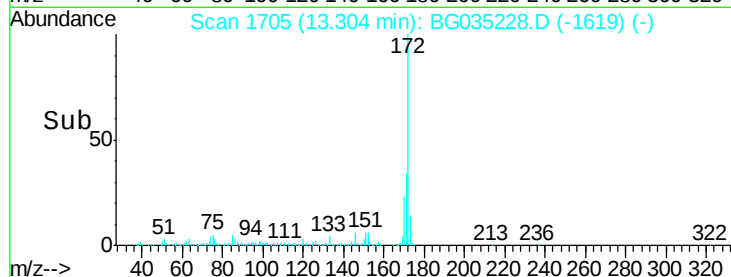
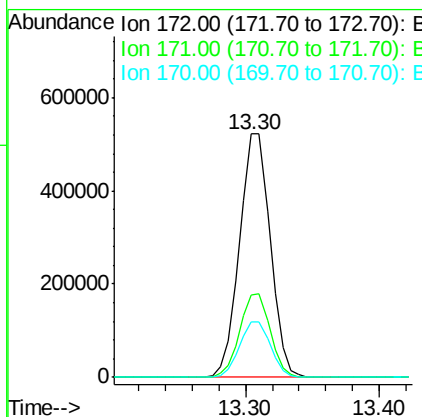
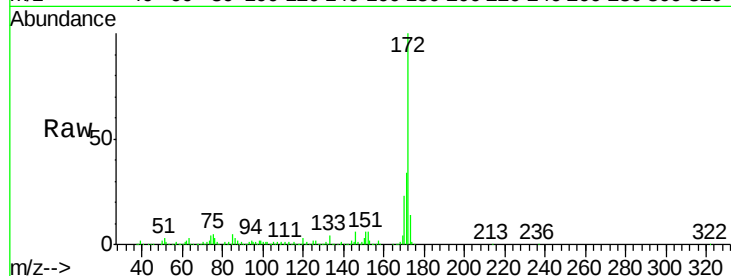




#44
 2-Fluorobiphenyl
 Concen: 92.975 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035228.D
 Acq: 18 Jun 2018 21:07

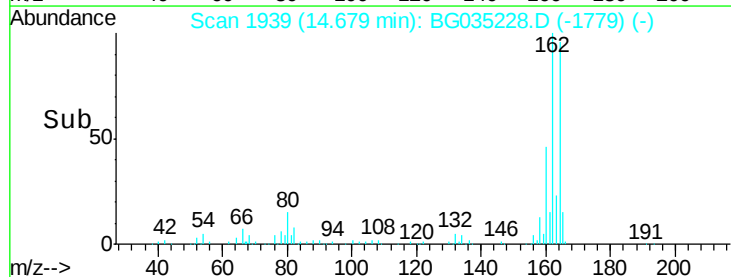
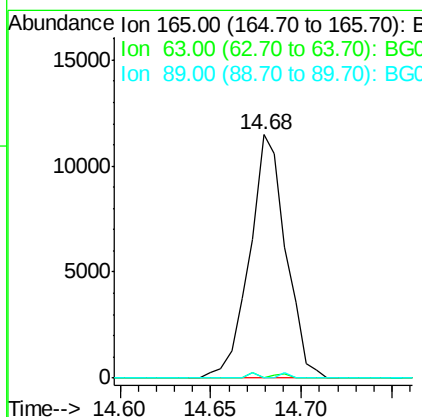
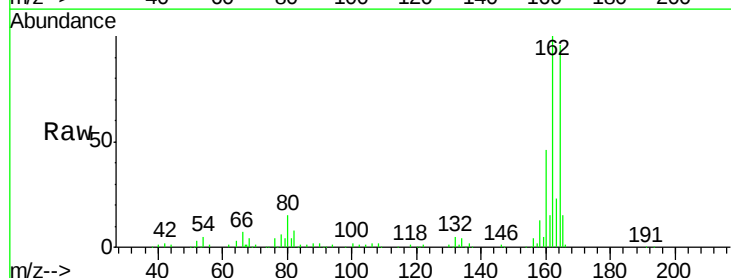
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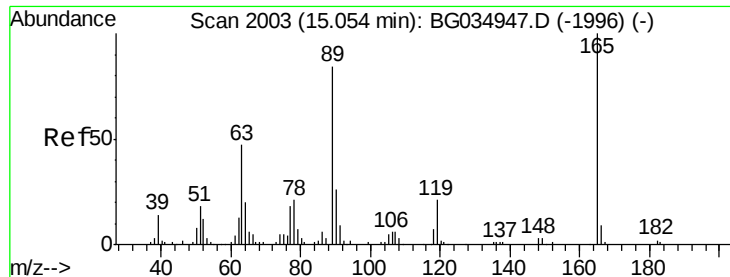
Tgt Ion:172 Resp: 832899
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.0 45.0
 170 22.7 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.589 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035228.D
 Acq: 18 Jun 2018 21:07

Tgt Ion:165 Resp: 15912
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

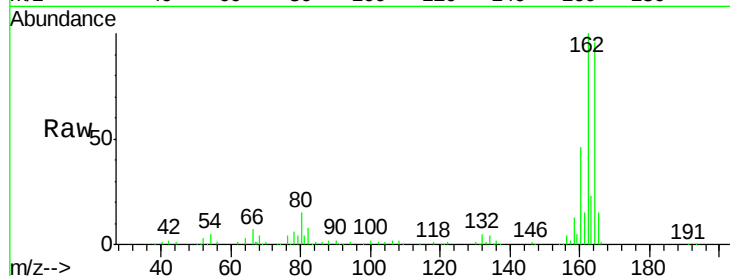




#56
 2,4-Dinitrotoluene
 Concen: 6.465 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035228.D
 Acq: 18 Jun 2018 21:07

Instrument :
 BNA_G
 ClientSampleId :
 PB110293BL

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

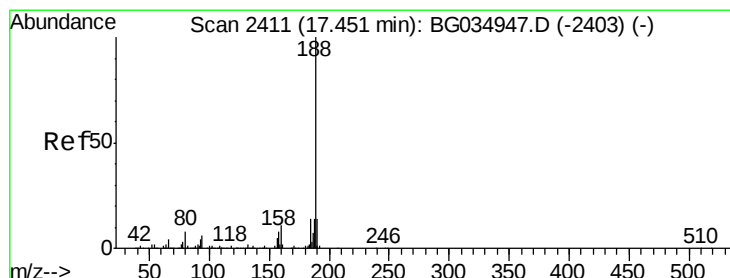
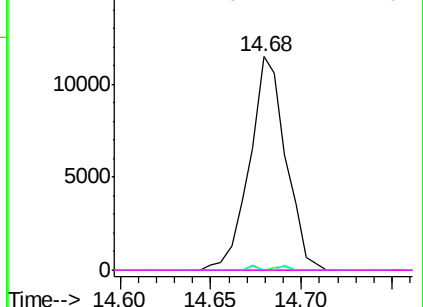
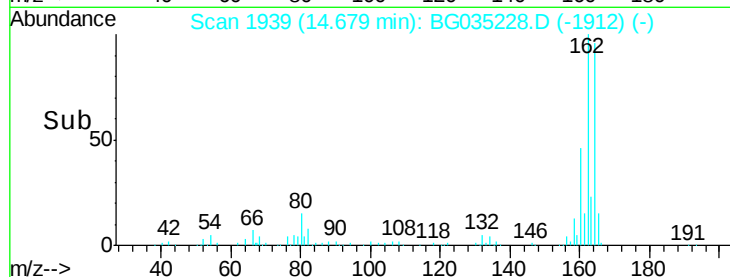


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

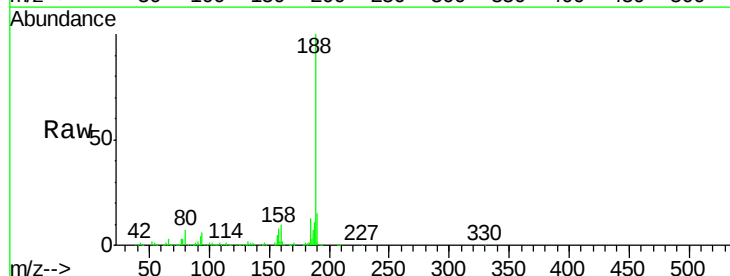
Ion 89.00 (88.70 to 89.70): BGC

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: BG035228.D
 Acq: 18 Jun 2018 21:07

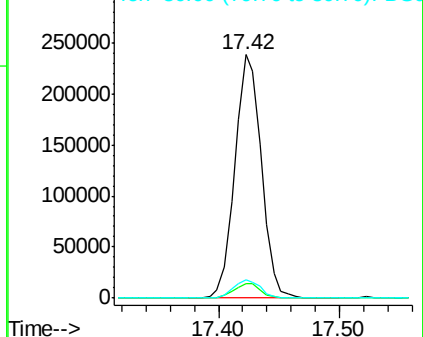
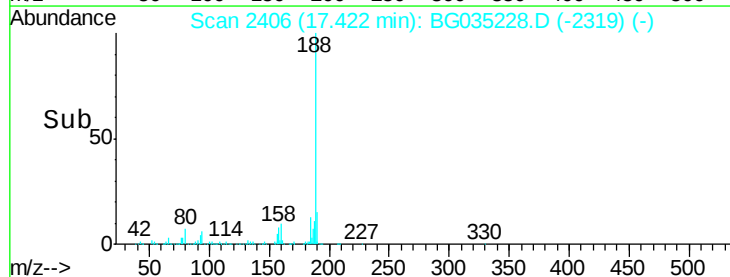
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.4	7.7	11.5#

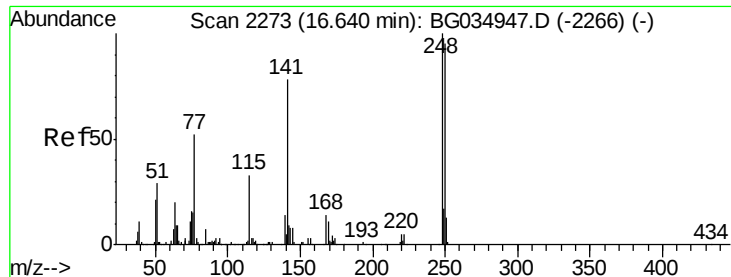


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

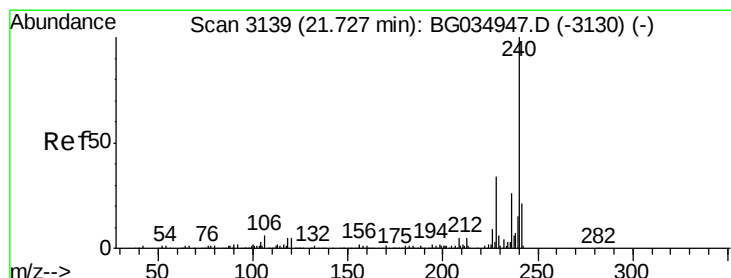
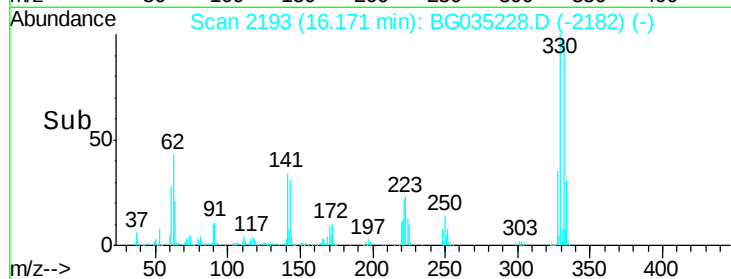
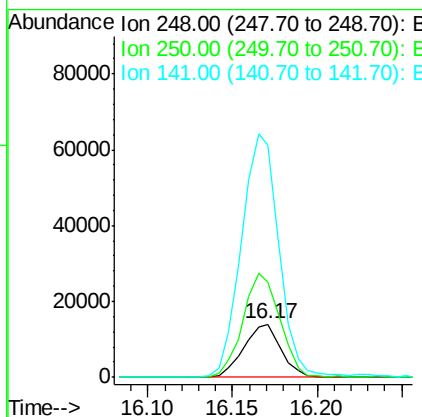
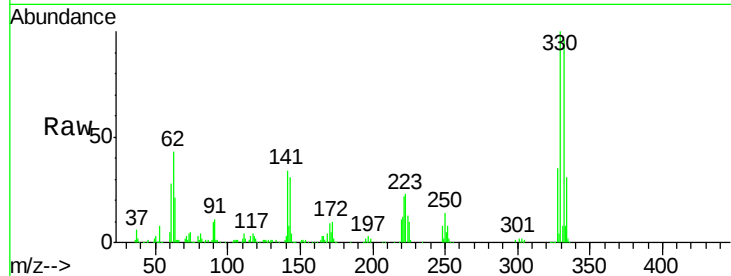




#66
 4-Bromophenyl-phenylether
 Concen: 4.894 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG035228.D
 Acq: 18 Jun 2018 21:07

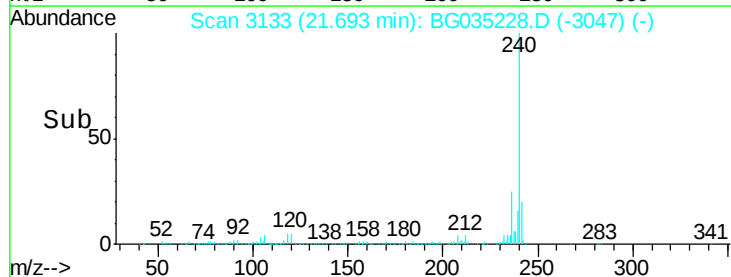
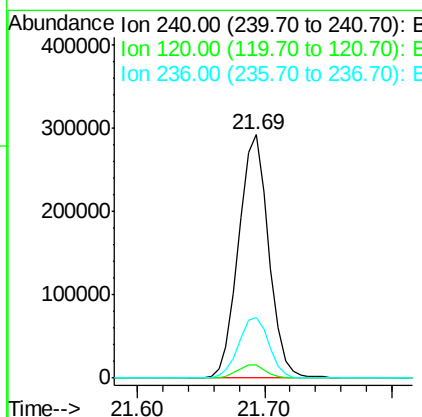
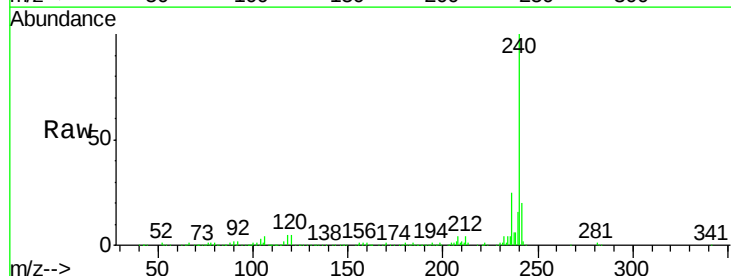
Instrument :
 BNA_G
 ClientSampleId :
 PB110293BL

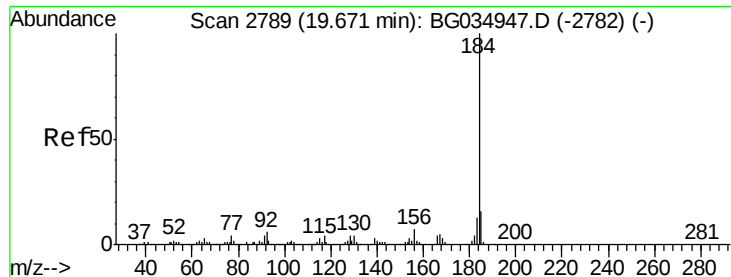
Tgt Ion:248 Resp: 21471
 Ion Ratio Lower Upper
 248 100
 250 179.9 77.1 115.7#
 141 437.5 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG035228.D
 Acq: 18 Jun 2018 21:07

Tgt Ion:240 Resp: 480214
 Ion Ratio Lower Upper
 240 100
 120 5.3 6.8 10.2#
 236 24.7 20.9 31.3





#76

Benzidine

Concen: 2.109 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.36 min

Lab File: BG035228.D

Acq: 18 Jun 2018 21:07

Instrument :

BNA_G

ClientSampleId :

PB110293BL

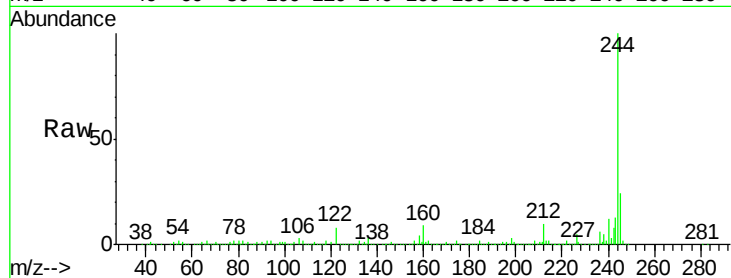
Tgt Ion:184 Resp: 37685

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

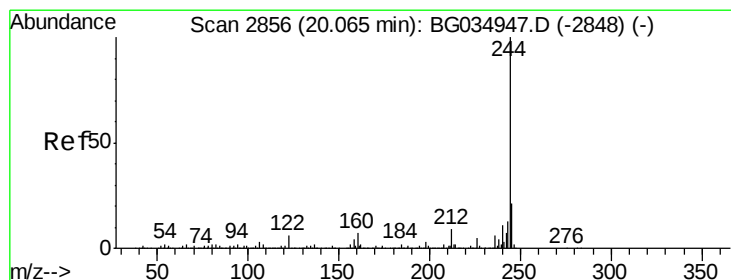
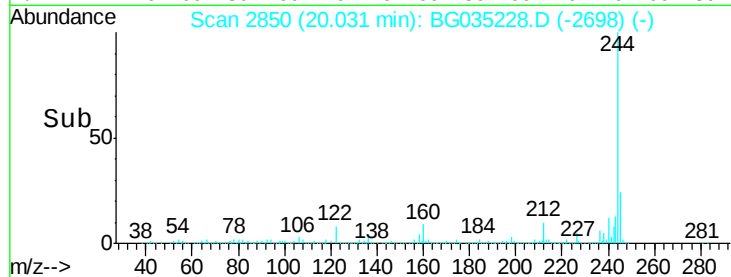
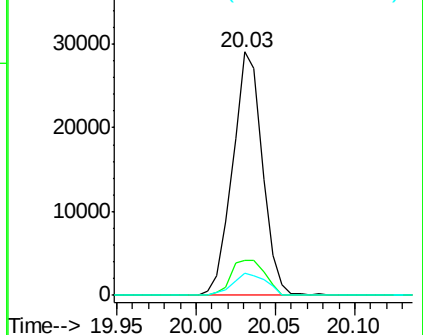
183 9.2 10.6 16.0#



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: 98.321 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035228.D

Acq: 18 Jun 2018 21:07

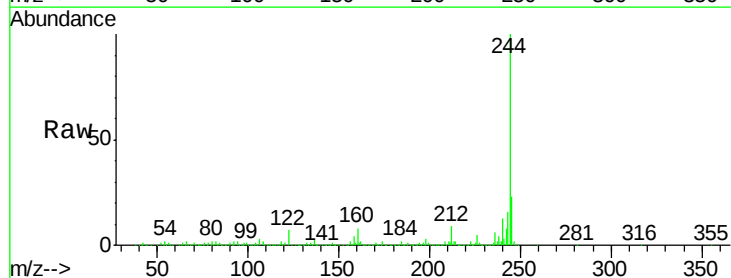
Tgt Ion:244 Resp: 2254059

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

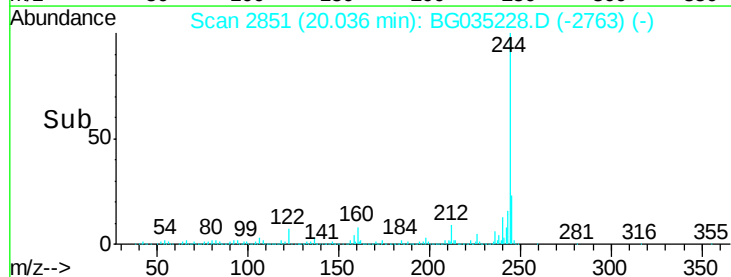
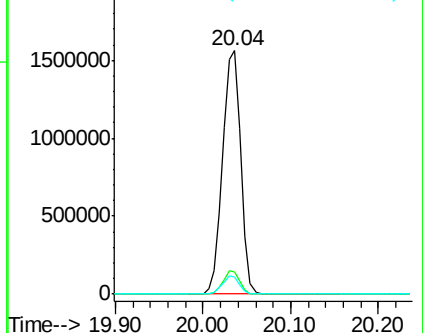
122 6.8 7.0 10.4#

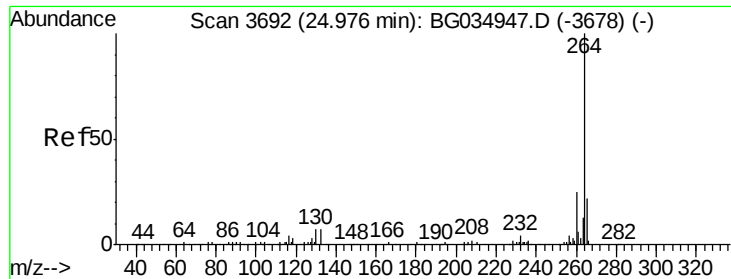


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.04 min
Lab File: BG035228.D
Acq: 18 Jun 2018 21:07

Instrument :
BNA_G
ClientSampleId :
PB110293BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	19.8	17.7	26.5

