

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035213.D
 Acq On : 18 Jun 2018 11:23
 Operator : SJ/JU
 Sample : J3493-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Jun 18 16:20:30 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

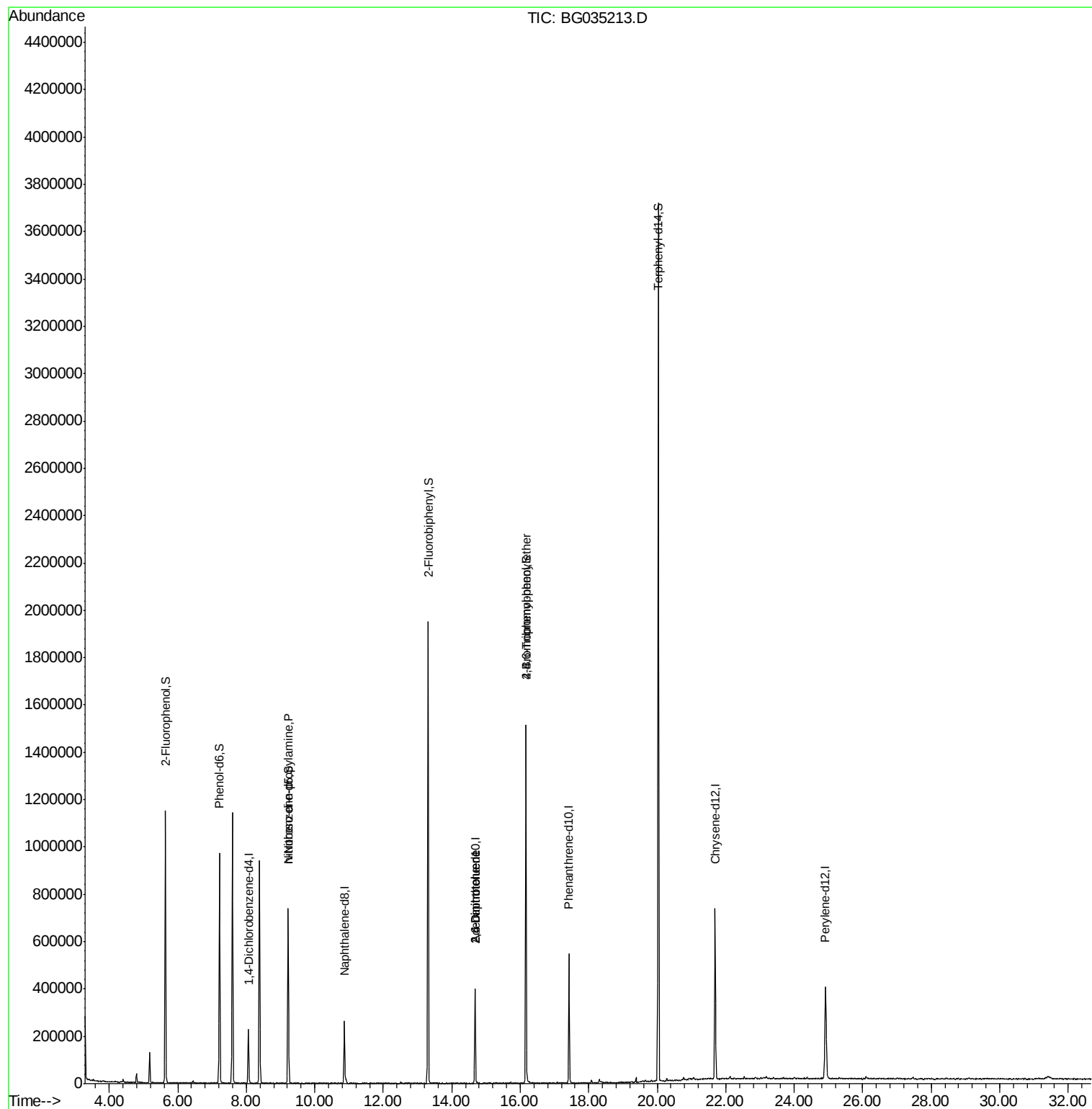
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63226	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	226111	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	146017	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	358450	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	457749	20.00	ng	-0.02
86) Perylene-d12	24.92	264	450053	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	476489	127.18	ng	0.00
7) Phenol-d6	7.22	99	600062	108.52	ng	0.00
23) Nitrobenzene-d5	9.22	82	493909	103.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	291426	155.91	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1064579	94.78	ng	-0.02
78) Terphenyl-d14	20.03	244	1794676	82.12	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	66874	14.235	ng	# 66
50) 2,6-Dinitrotoluene	14.68	165	19908	8.570	ng	# 19
56) 2,4-Dinitrotoluene	14.68	165	19908	6.452	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	22432	5.197	ng	# 1

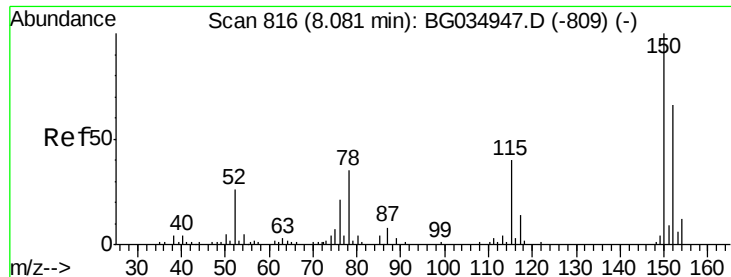
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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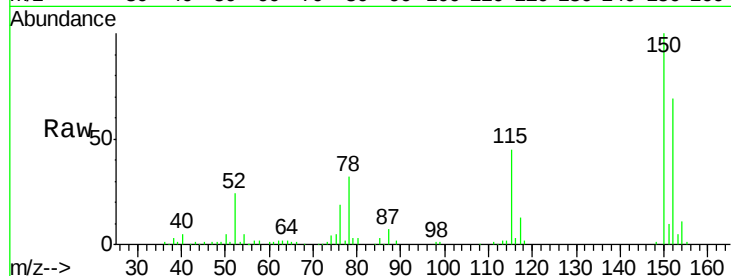




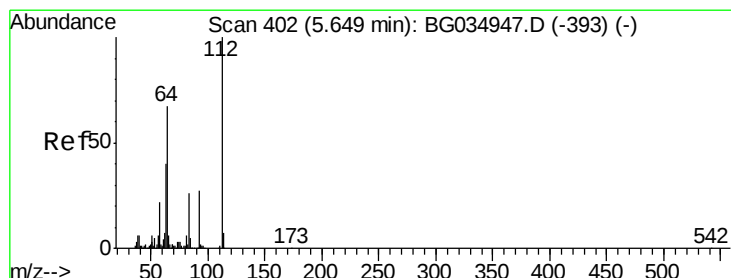
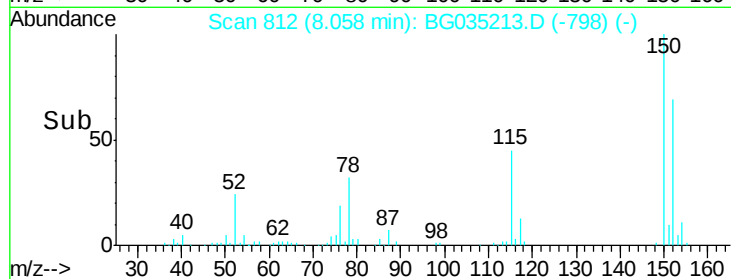
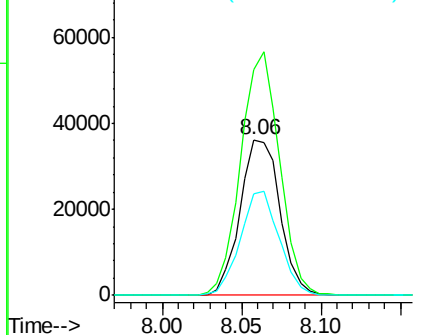
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG035213.D
 Acq: 18 Jun 2018 11:23

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Tgt Ion:152 Resp: 63226
 Ion Ratio Lower Upper
 152 100
 150 145.3 126.6 189.8
 115 65.7 53.0 79.4

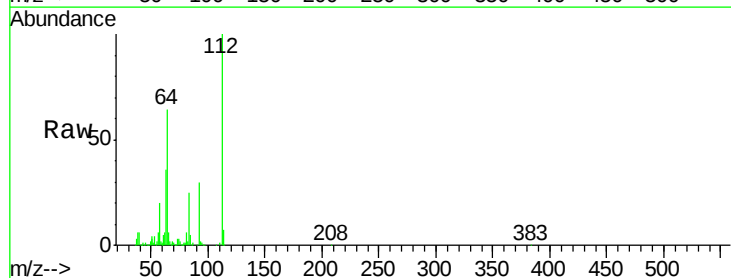


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

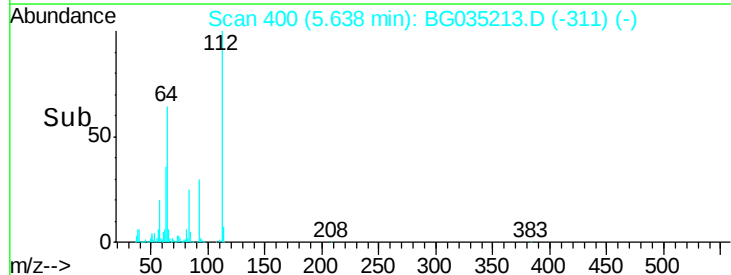
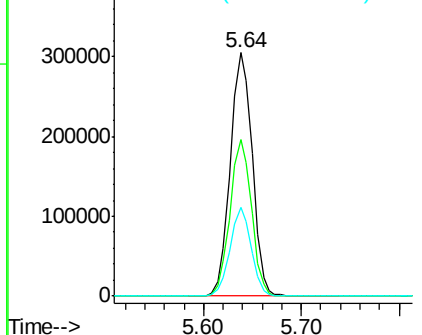


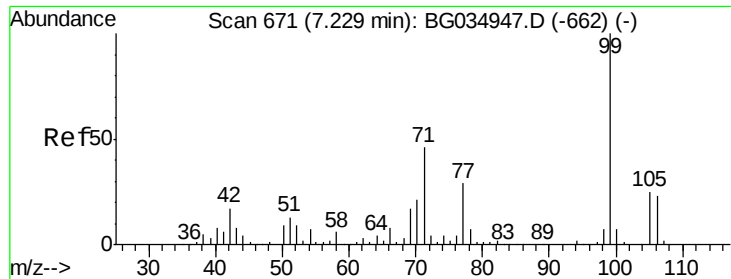
#5
 2-Fluorophenol
 Concen: 127.183 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG035213.D
 Acq: 18 Jun 2018 11:23

Tgt Ion:112 Resp: 476489
 Ion Ratio Lower Upper
 112 100
 64 64.4 56.3 84.5
 63 36.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 108.518 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035213.D

Acq: 18 Jun 2018 11:23

Instrument :

BNA_G

ClientSampleId :

WC-1

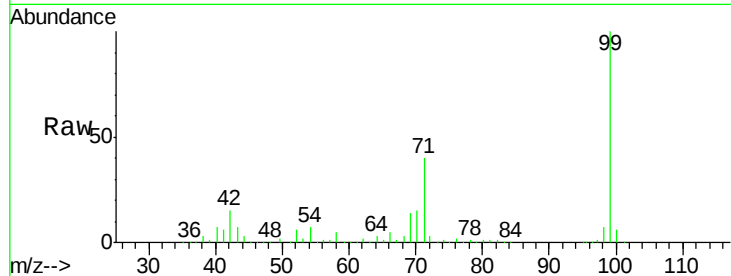
Tgt Ion: 99 Resp: 600062

Ion Ratio Lower Upper

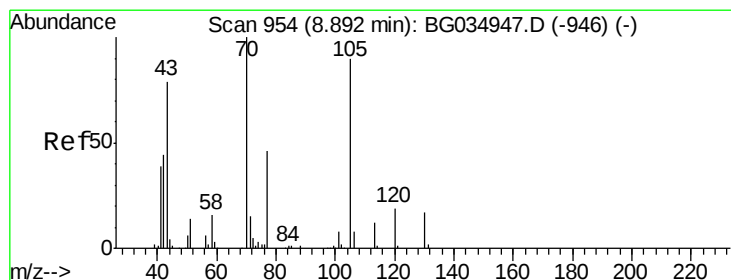
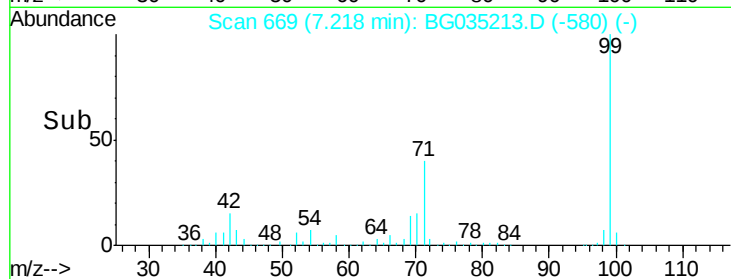
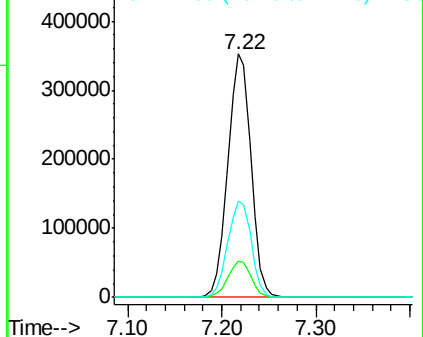
99 100

42 14.9 14.1 21.1

71 39.5 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: 14.235 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035213.D

Acq: 18 Jun 2018 11:23

Tgt Ion: 70 Resp: 66874

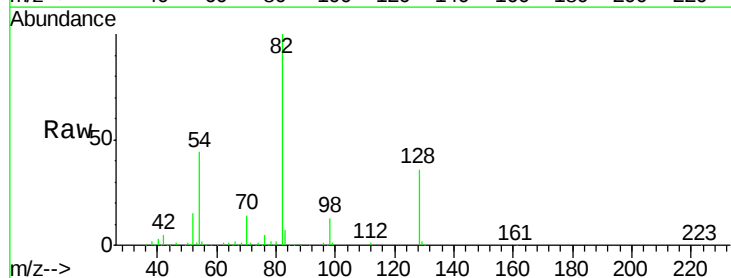
Ion Ratio Lower Upper

70 100

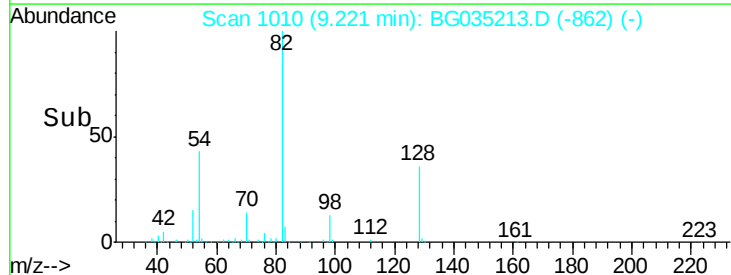
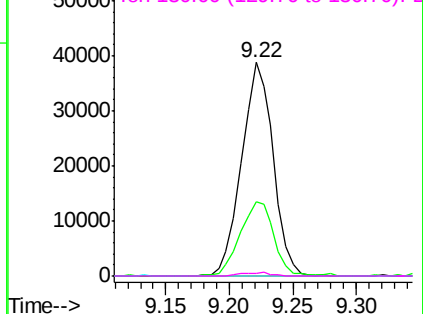
42 34.8 49.1 73.7#

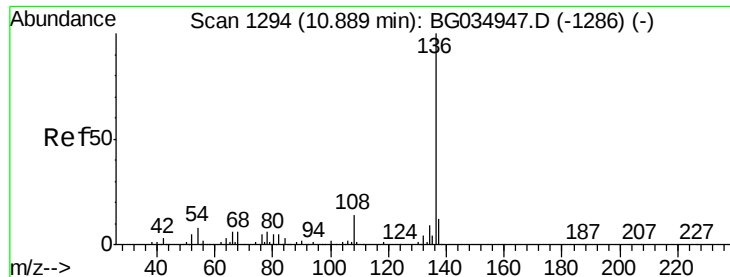
101 0.0 8.5 12.7#

130 1.4 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

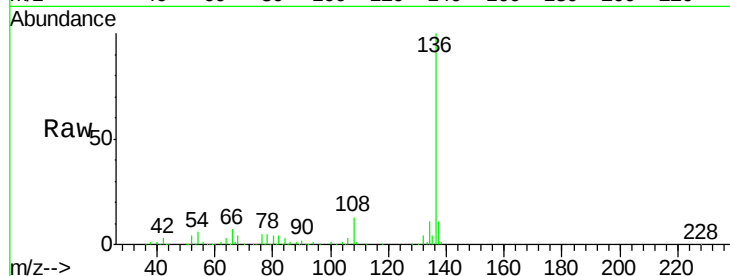




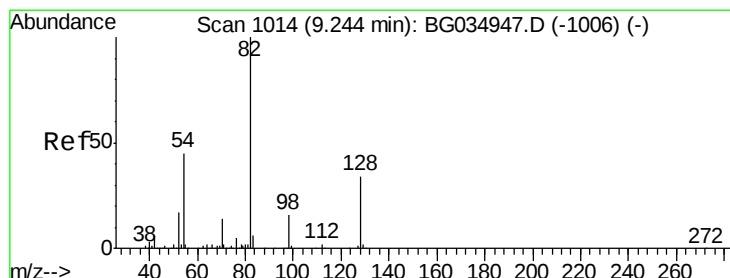
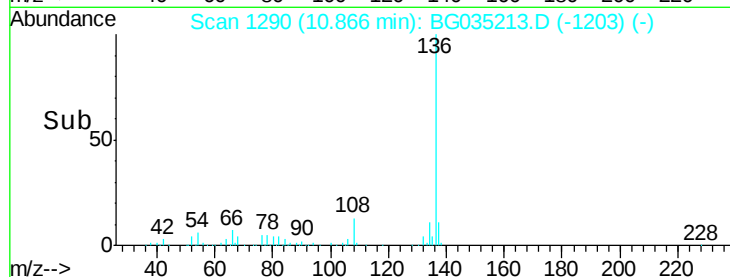
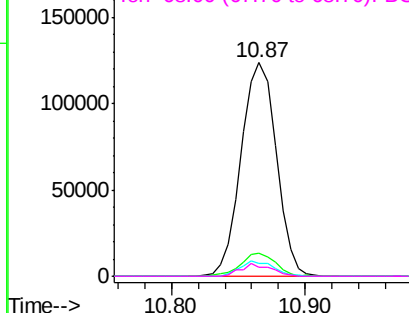
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035213.D
Acq: 18 Jun 2018 11:23

Instrument :
BNA_G
ClientSampleId :
WC-1

Tgt Ion:	136	Resp:	226111
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.3	10.3	15.5#
68	4.3	4.5	6.7#

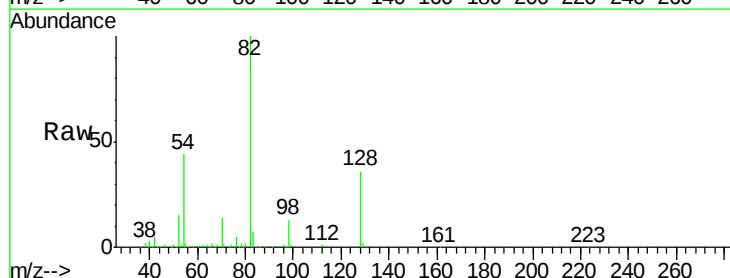


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

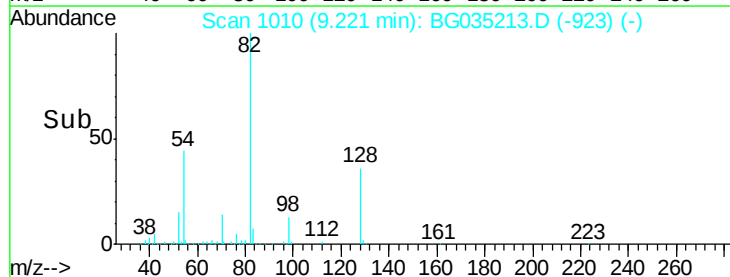
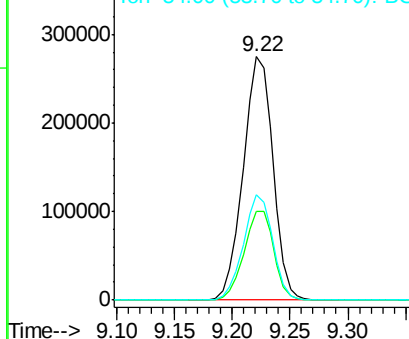


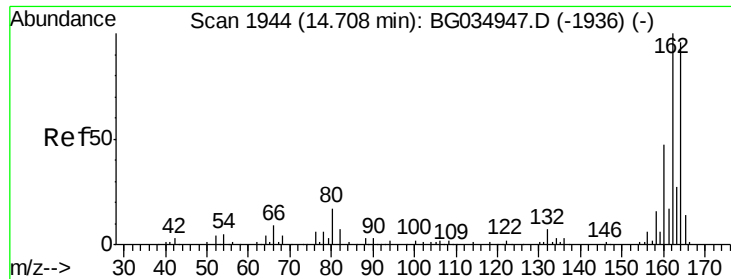
#23
Nitrobenzene-d5
Concen: 103.832 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035213.D
Acq: 18 Jun 2018 11:23

Tgt Ion:	82	Resp:	493909
Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.7	44.5
54	43.5	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: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035213.D

Acq: 18 Jun 2018 11:23

Instrument :

BNA_G

ClientSampleId :

WC-1

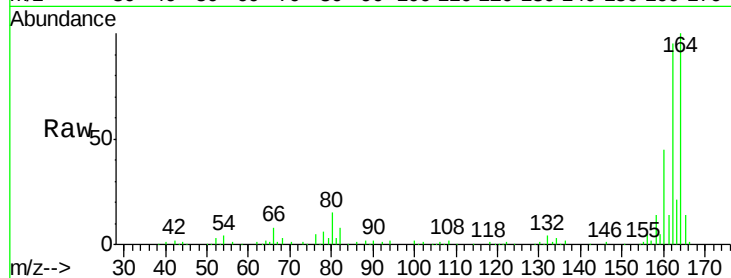
Tgt Ion:164 Resp: 146017

Ion Ratio Lower Upper

164 100

162 94.5 78.8 118.2

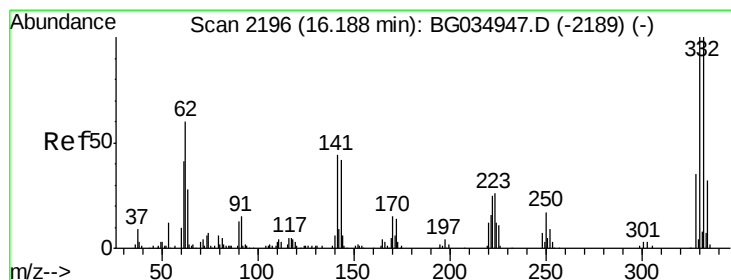
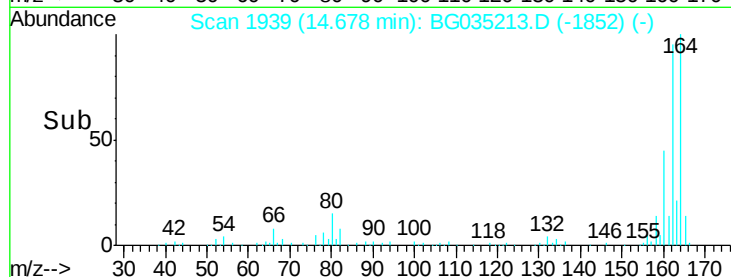
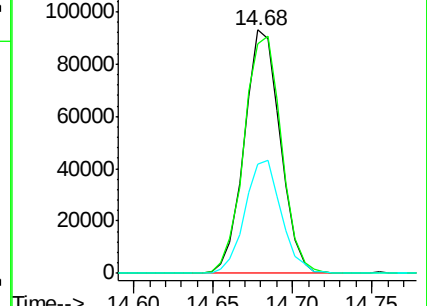
160 45.1 35.4 53.0



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: 155.909 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035213.D

Acq: 18 Jun 2018 11:23

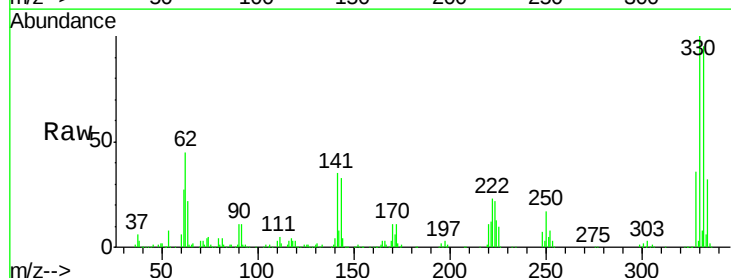
Tgt Ion:330 Resp: 291426

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

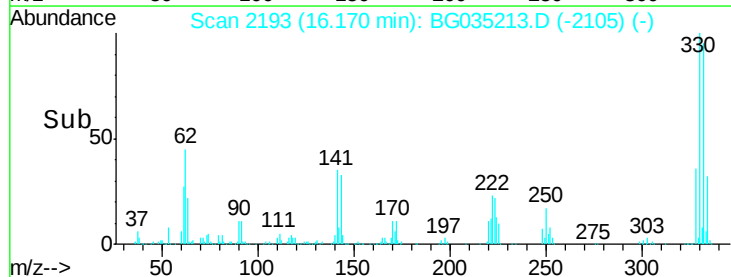
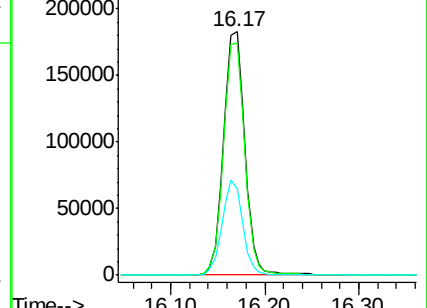
141 37.4 25.2 37.8

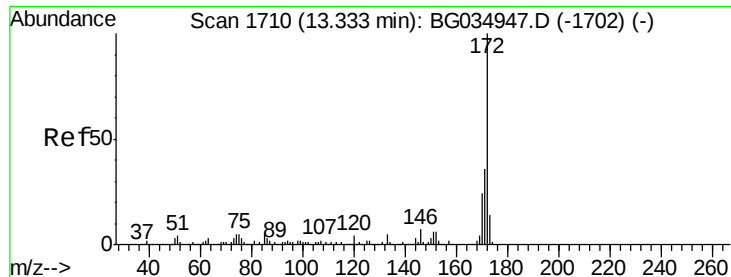


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

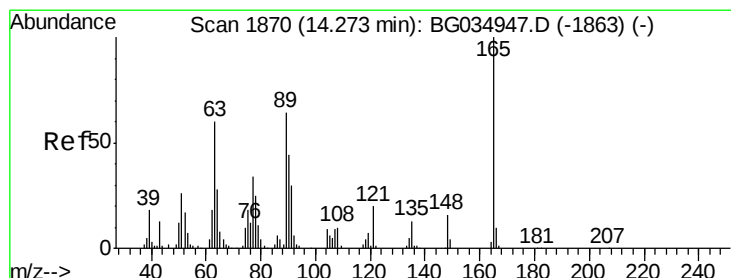
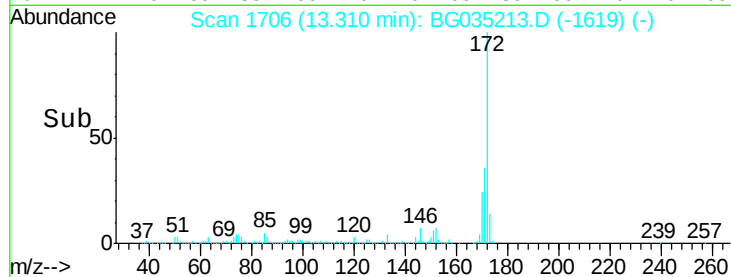
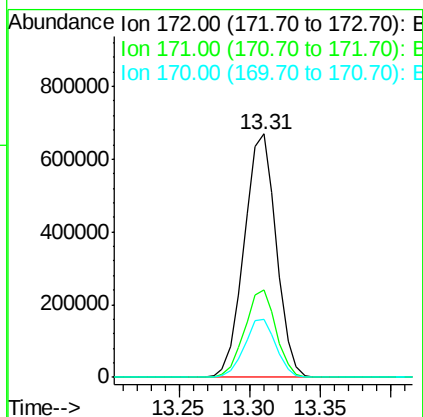
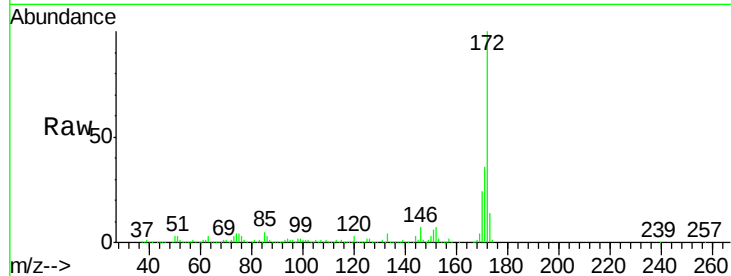




#44
2-Fluorobiphenyl
Concen: 94.780 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035213.D
Acq: 18 Jun 2018 11:23

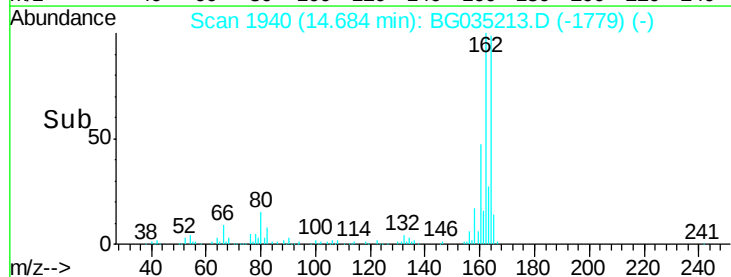
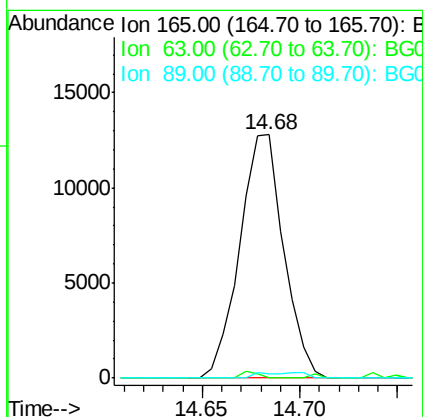
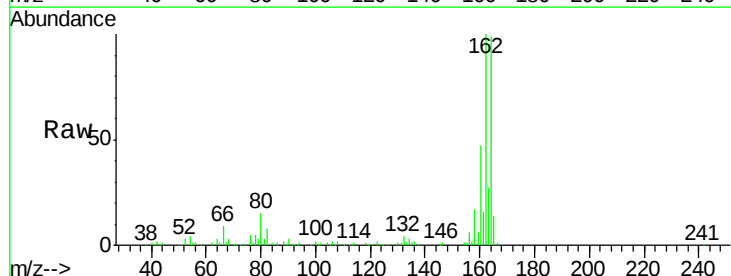
Instrument :
BNA_G
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WC-1

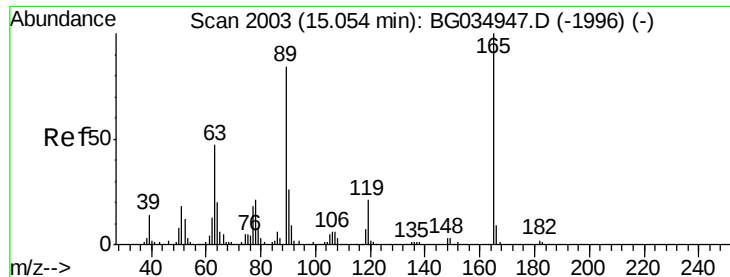
Tgt Ion:172 Resp: 1064579
Ion Ratio Lower Upper
172 100
171 36.2 30.0 45.0
170 23.7 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.570 ng
RT: 14.68 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035213.D
Acq: 18 Jun 2018 11:23

Tgt Ion:165 Resp: 19908
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.7 49.2 73.8#

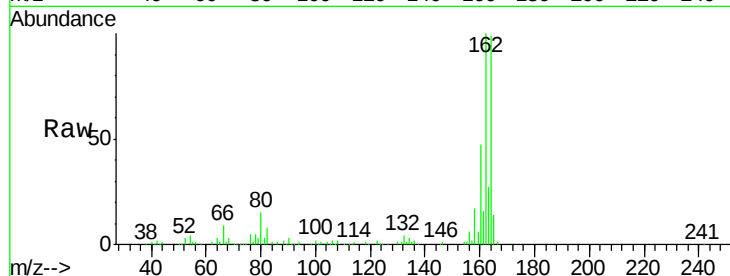




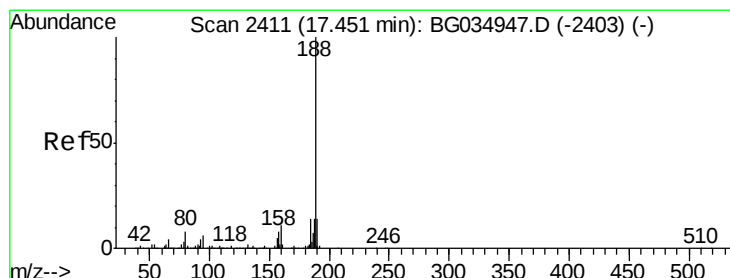
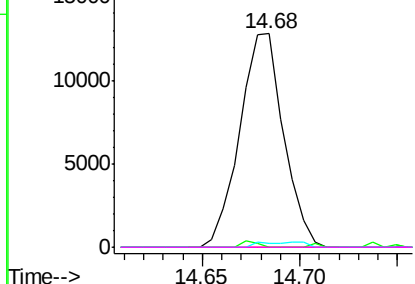
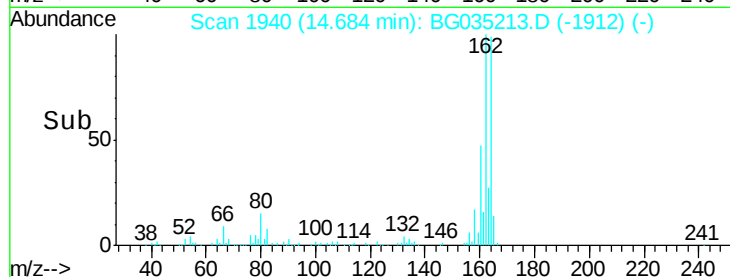
#56
2,4-Dinitrotoluene
Concen: 6.452 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG035213.D
Acq: 18 Jun 2018 11:23

Instrument :
BNA_G
ClientSampleId :
WC-1

Tgt Ion:165 Resp: 19908
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.7 66.9 100.3#
182 0.0 2.6 3.8#

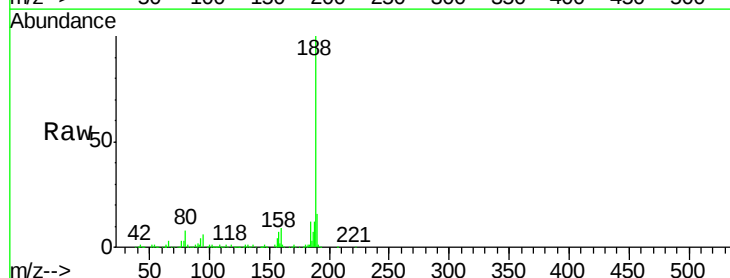


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

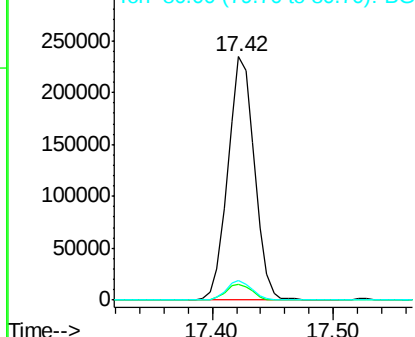
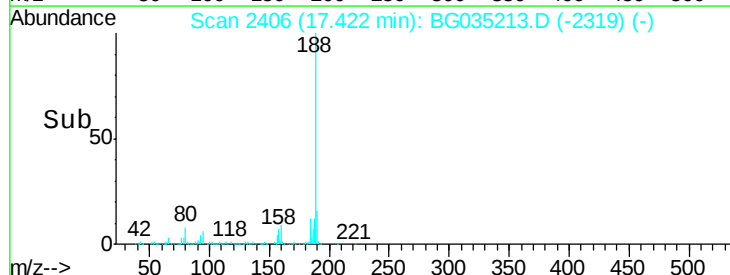


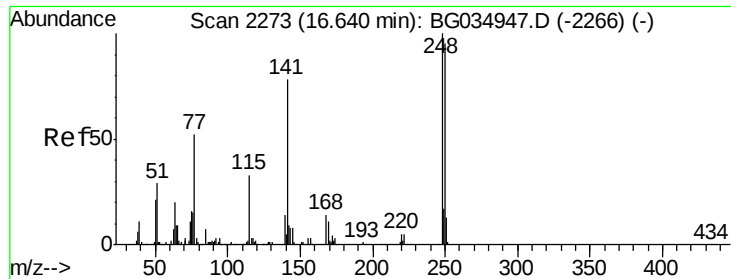
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035213.D
Acq: 18 Jun 2018 11:23

Tgt Ion:188 Resp: 358450
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.9 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

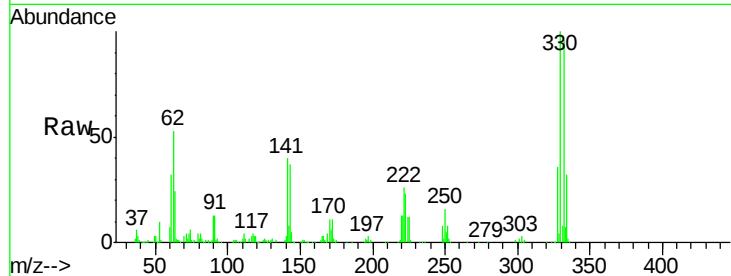




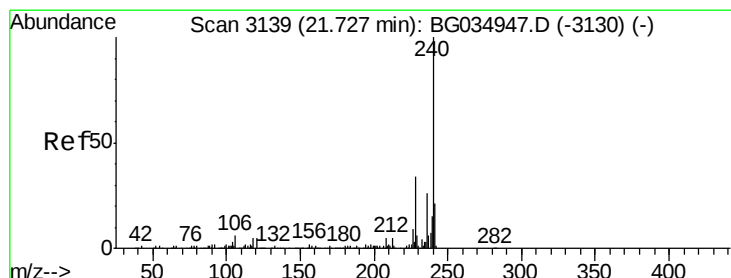
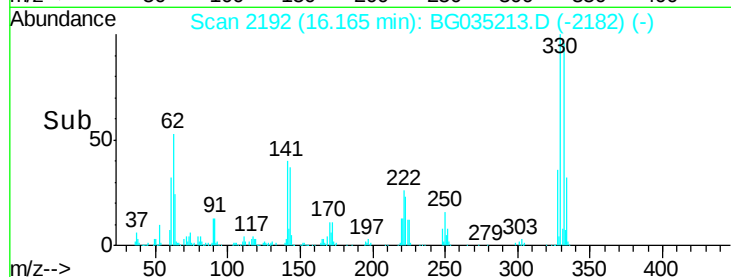
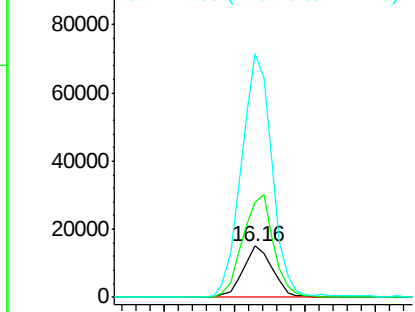
#66
4-Bromophenyl-phenylether
Concen: 5.197 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035213.D
Acq: 18 Jun 2018 11:23

Instrument :
BNA_G
ClientSampleId :
WC-1

Tgt Ion:248 Resp: 22432
Ion Ratio Lower Upper
248 100
250 186.2 77.1 115.7#
141 476.2 50.8 76.2#

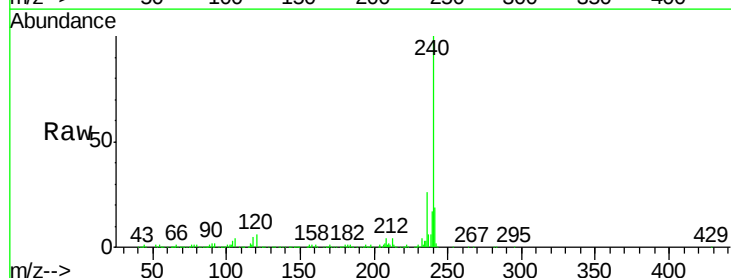


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

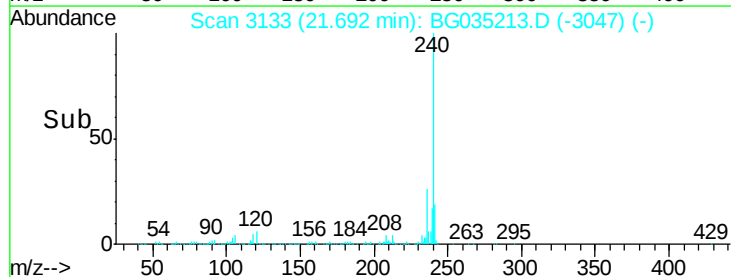
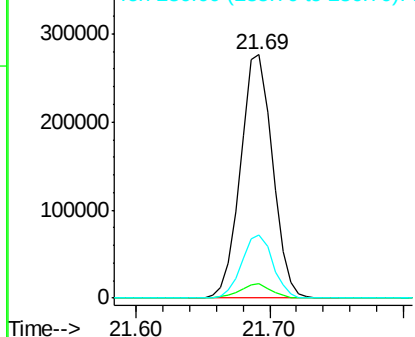


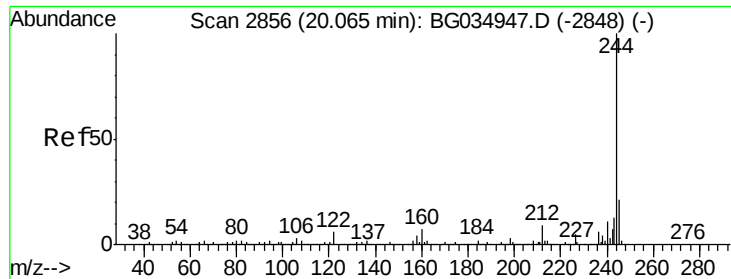
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035213.D
Acq: 18 Jun 2018 11:23

Tgt Ion:240 Resp: 457749
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 25.7 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: 82.125 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035213.D

Acq: 18 Jun 2018 11:23

Instrument :

BNA_G

ClientSampleId :

WC-1

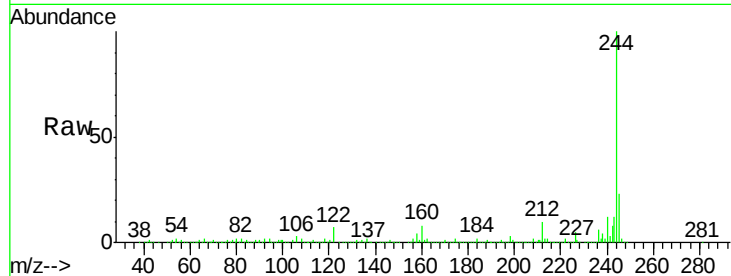
Tgt Ion:244 Resp: 1794676

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

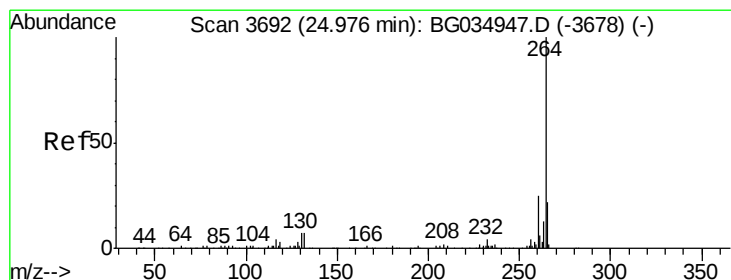
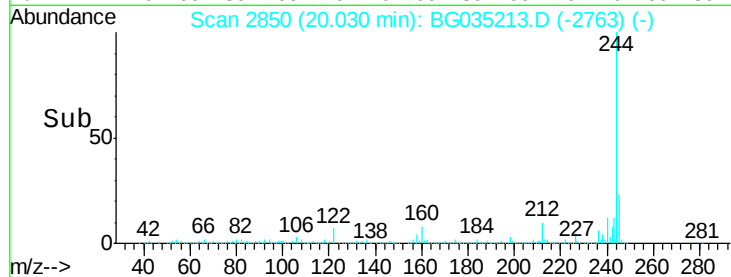
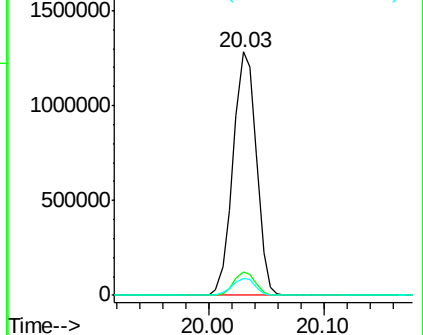
122 6.9 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035213.D

Acq: 18 Jun 2018 11:23

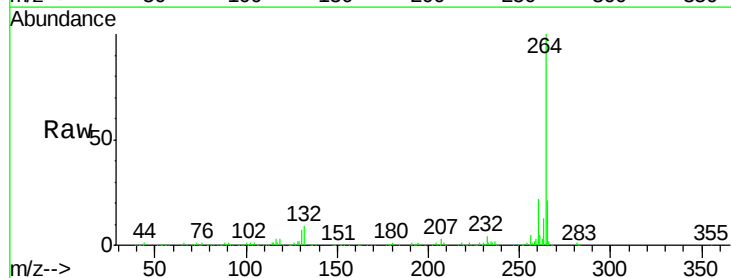
Tgt Ion:264 Resp: 450053

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 21.4 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

