

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035500.D
 Acq On : 29 Jun 2018 5:22
 Operator : JU/SJ
 Sample : J3718-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-33

Quant Time: Jun 29 07:36:07 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

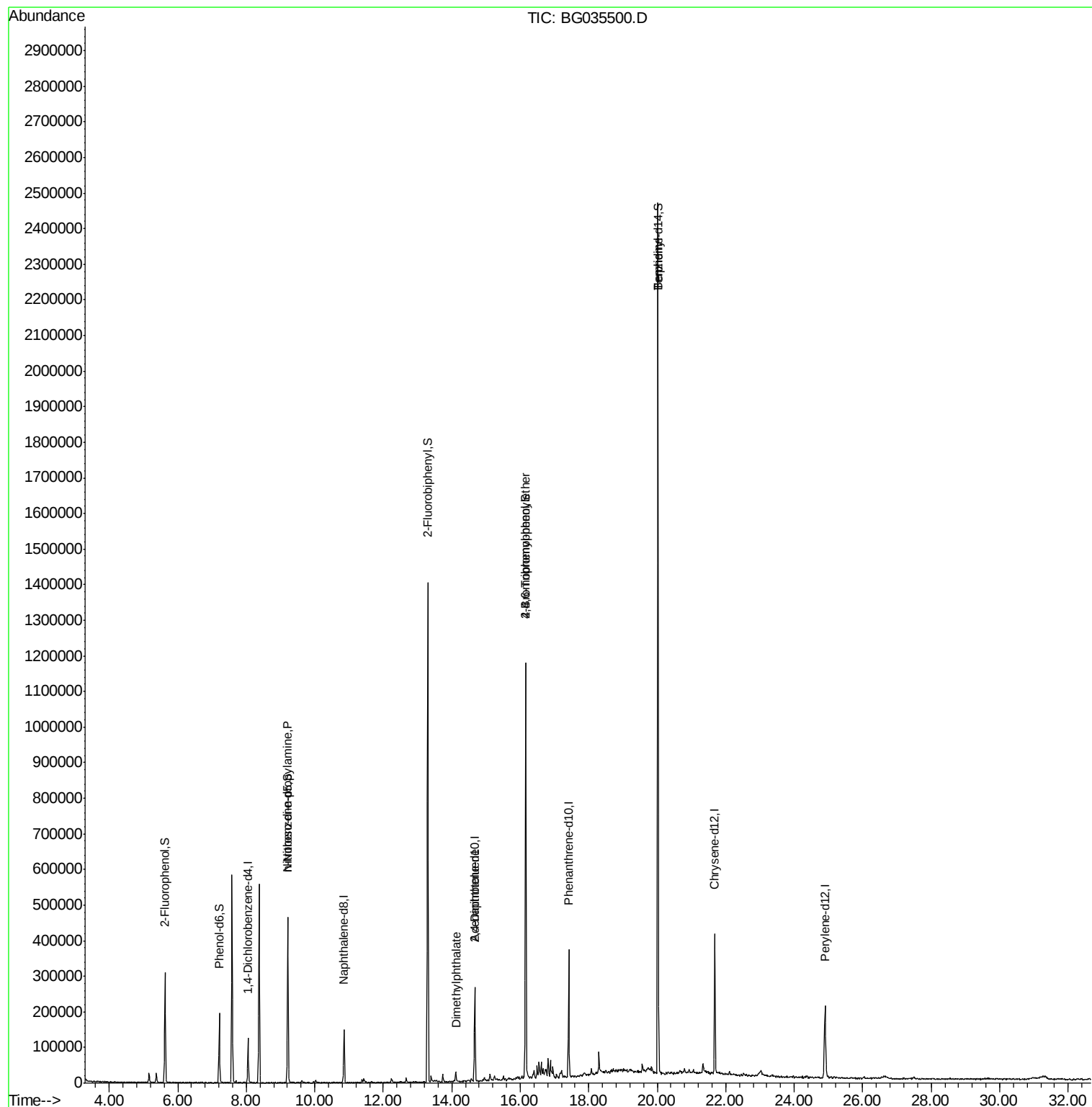
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36890	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	127598	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	91820	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	238859	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	254768	20.00	ng	-0.04
86) Perylene-d12	24.90	264	242798	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	134126	61.36	ng	-0.02
7) Phenol-d6	7.21	99	125351	38.85	ng	-0.01
23) Nitrobenzene-d5	9.21	82	315999	117.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	218139	185.59	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	744656	105.43	ng	-0.03
78) Terphenyl-d14	20.02	244	1252015	102.94	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	44839	16.359	ng	Qvalue # 65
49) Dimethylphthalate	14.12	163	17489	2.184	ng	# 96
56) 2,4-Dinitrotoluene	14.67	165	11888	6.126	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	16900	5.875	ng	# 1
76) Benzidine	20.02	184	20729	2.187	ng	# 94

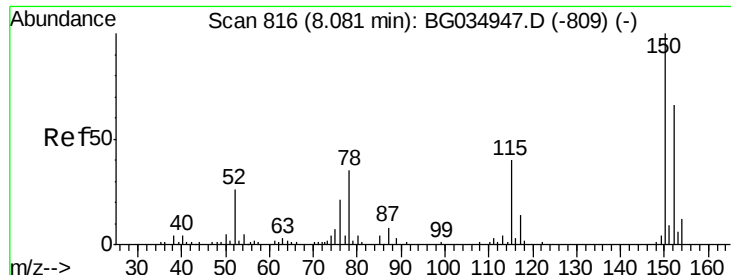
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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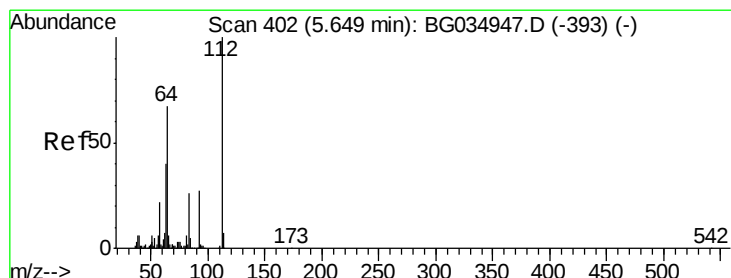
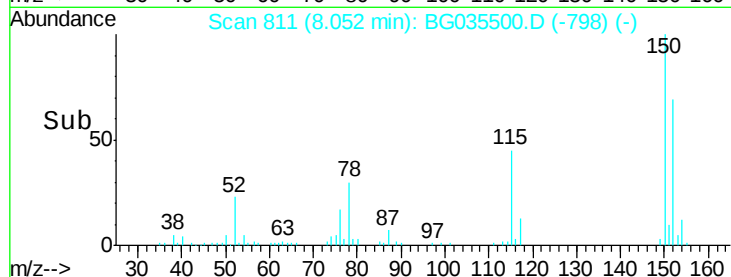
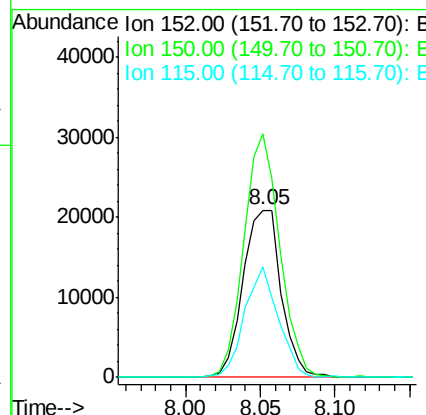
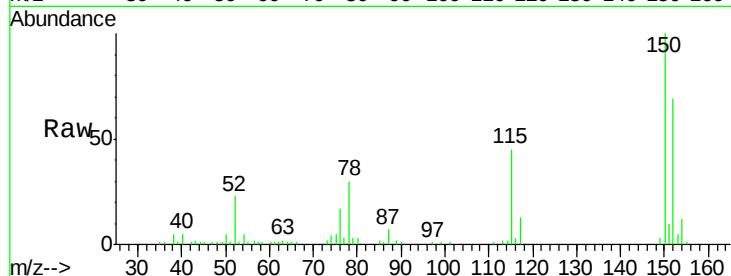


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035500.D
Acq: 29 Jun 2018 5:22

Instrument :
BNA_G
ClientSampleId :
W-33

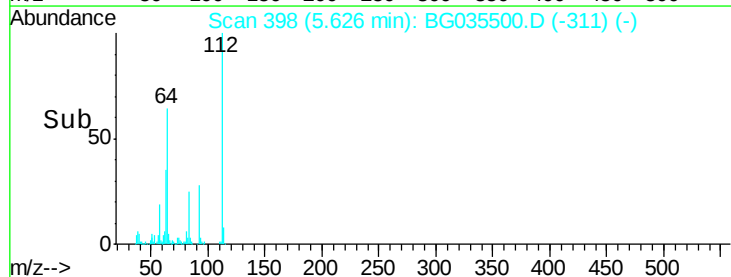
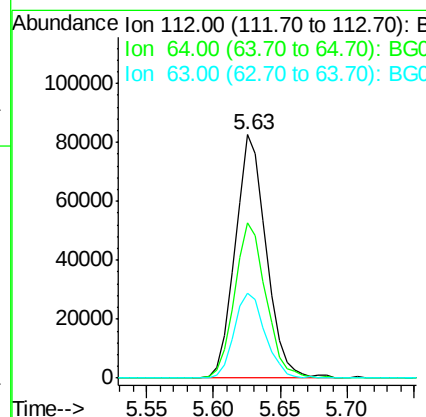
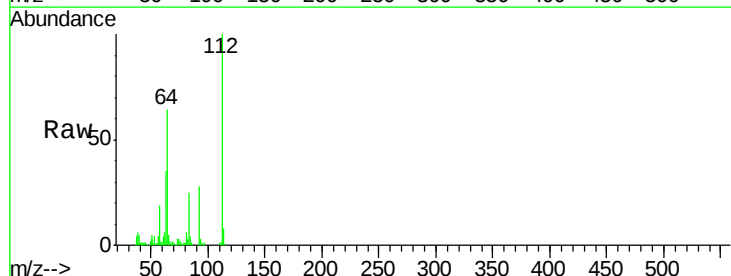
Tgt Ion:152 Resp: 36890
Ion Ratio Lower Upper
152 100
150 145.8 126.6 189.8
115 65.8 53.0 79.4

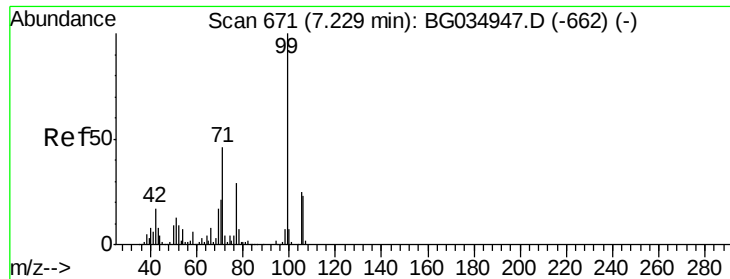


#5

2-Fluorophenol
Concen: 61.359 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035500.D
Acq: 29 Jun 2018 5:22

Tgt Ion:112 Resp: 134126
Ion Ratio Lower Upper
112 100
64 63.8 56.3 84.5
63 34.9 30.1 45.1





#7

Phenol-d6

Concen: 38.853 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035500.D

Acq: 29 Jun 2018 5:22

Instrument :

BNA_G

ClientSampleId :

W-33

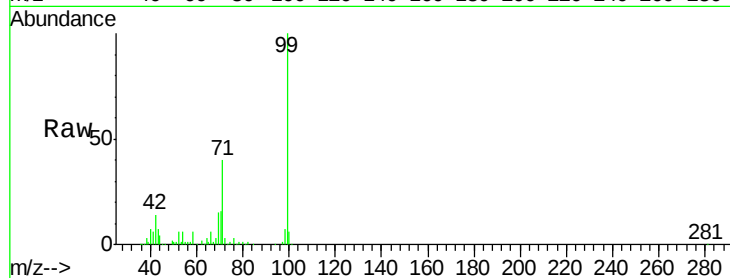
Tgt Ion: 99 Resp: 125351

Ion Ratio Lower Upper

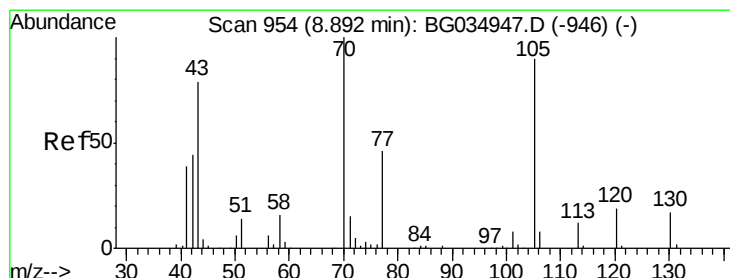
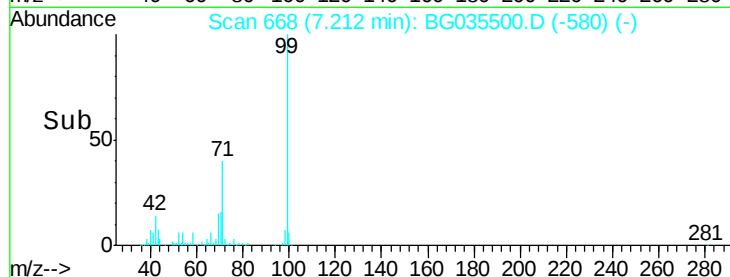
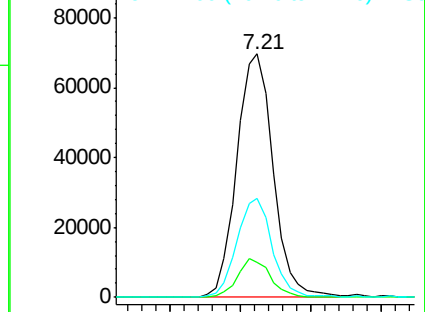
99 100

42 14.3 14.1 21.1

71 40.4 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: 16.359 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035500.D

Acq: 29 Jun 2018 5:22

Tgt Ion: 70 Resp: 44839

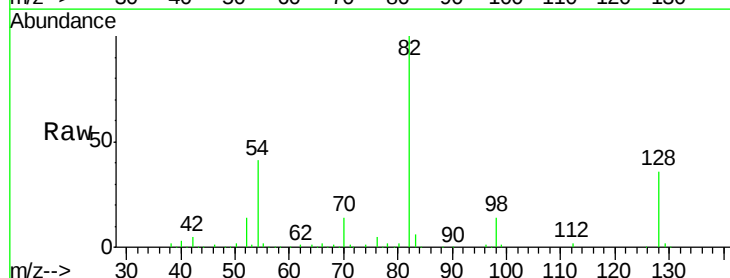
Ion Ratio Lower Upper

70 100

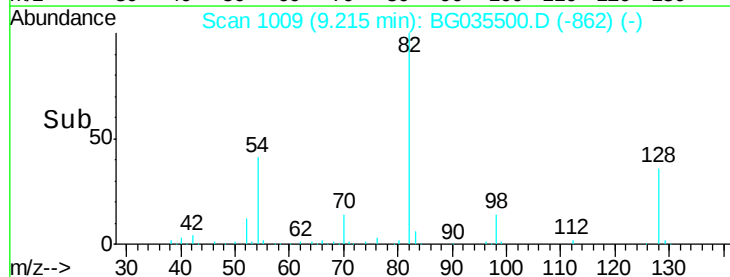
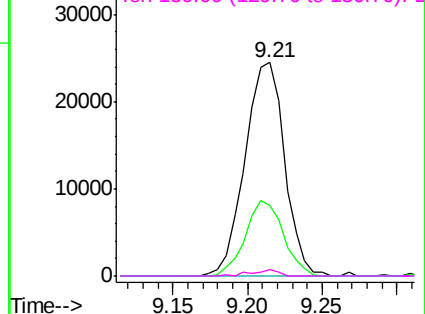
42 33.1 49.1 73.7#

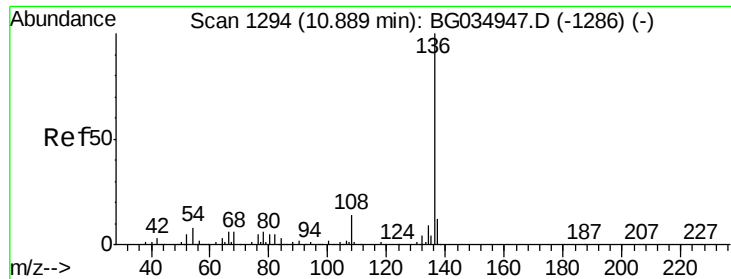
101 0.0 8.5 12.7#

130 2.9 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

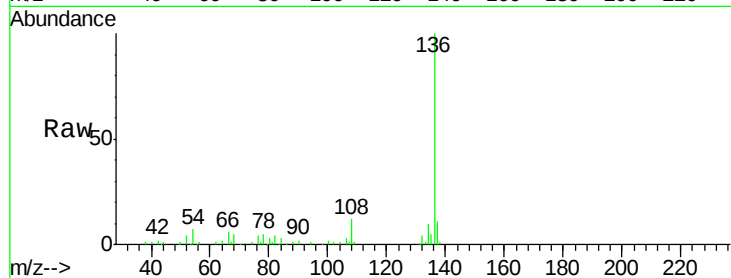




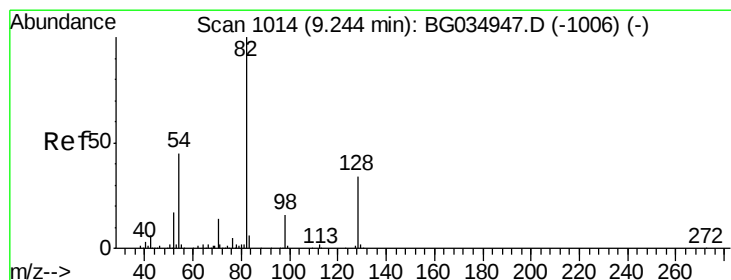
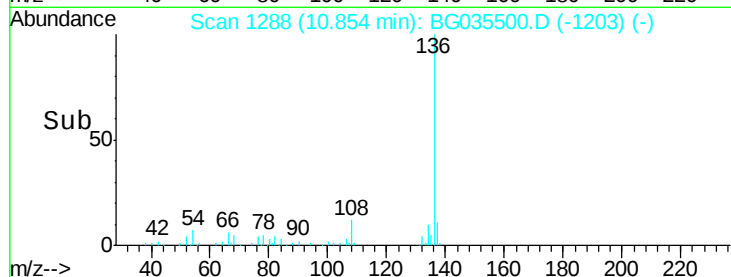
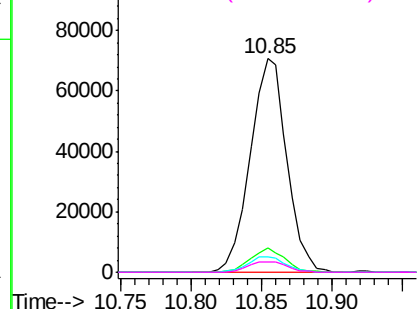
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035500.D
Acq: 29 Jun 2018 5:22

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	136	Resp:	127598
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.2	10.3	15.5#
68	5.0	4.5	6.7

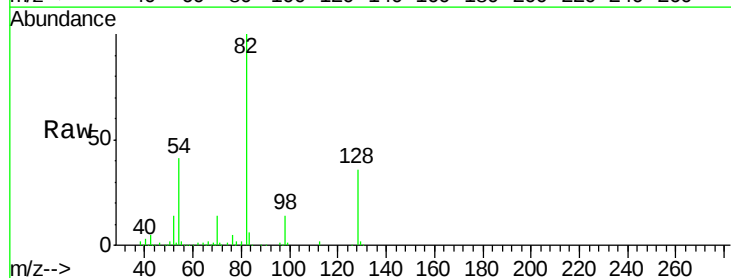


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

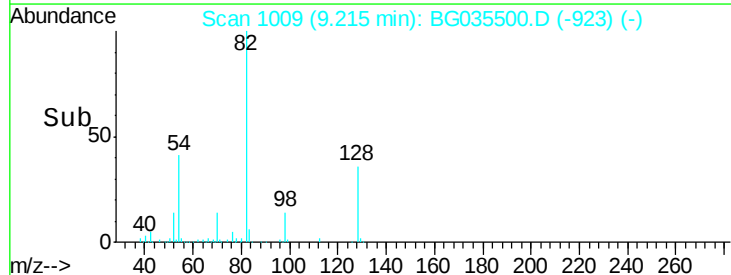
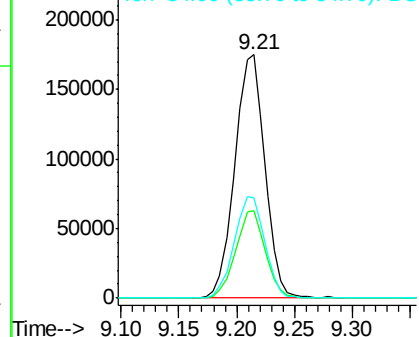


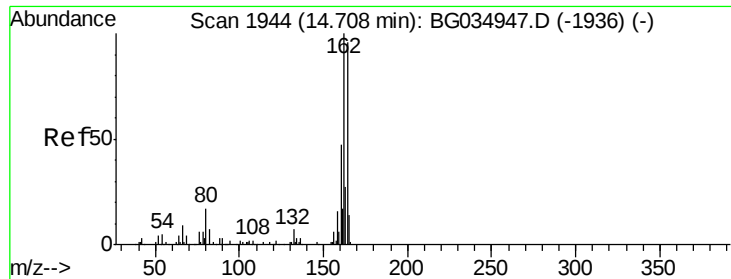
#23
Nitrobenzene-d5
Concen: 117.720 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035500.D
Acq: 29 Jun 2018 5:22

Tgt Ion:	82	Resp:	315999
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	41.0	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

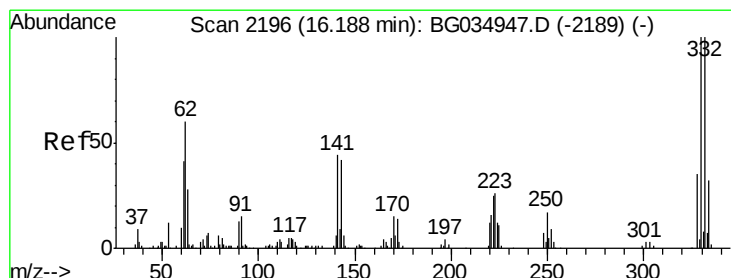
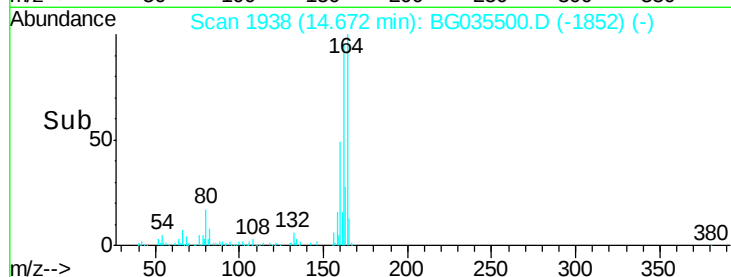
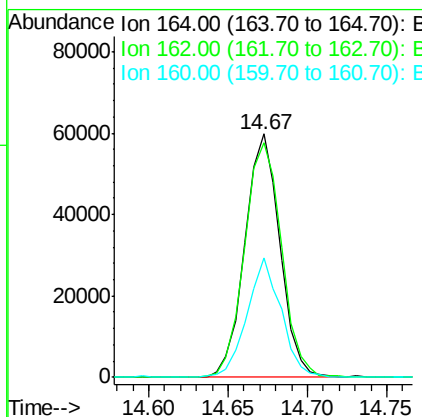
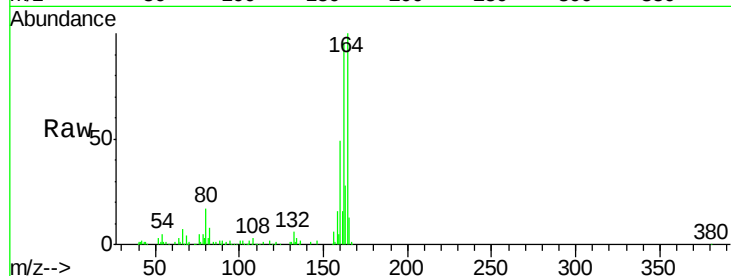




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035500.D
 Acq: 29 Jun 2018 5:22

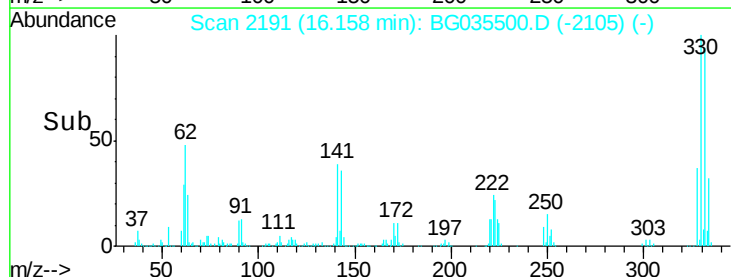
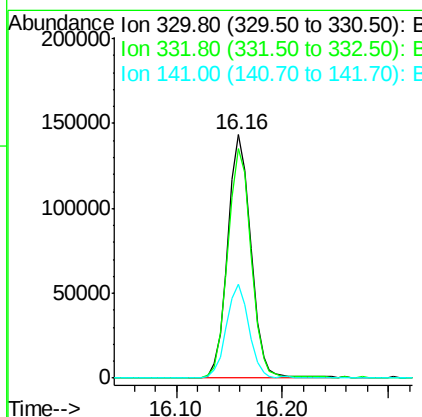
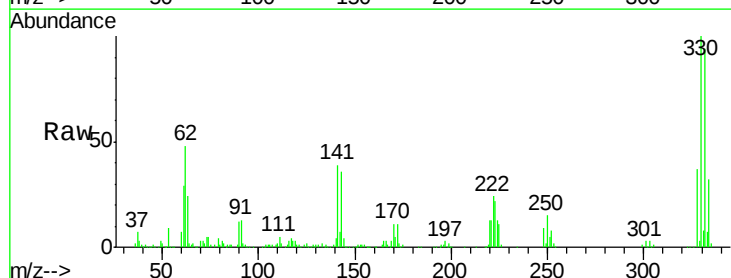
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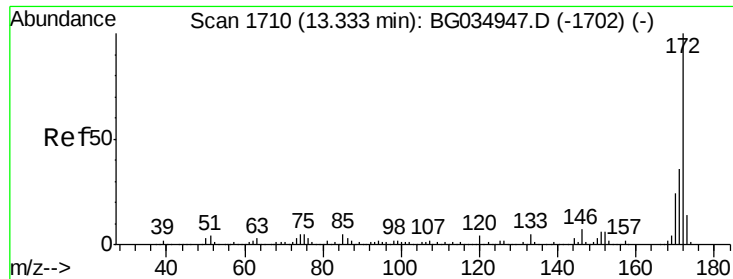
Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	78.8	118.2
160	49.3	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 185.585 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035500.D
 Acq: 29 Jun 2018 5:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	37.3	25.2	37.8

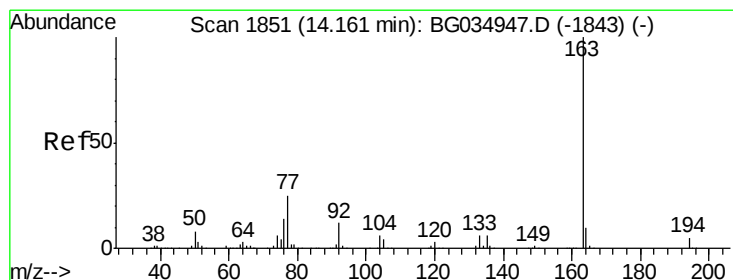
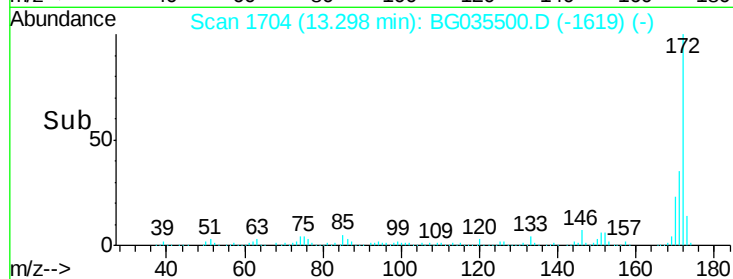
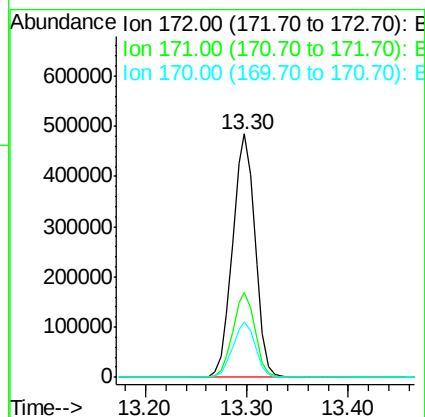
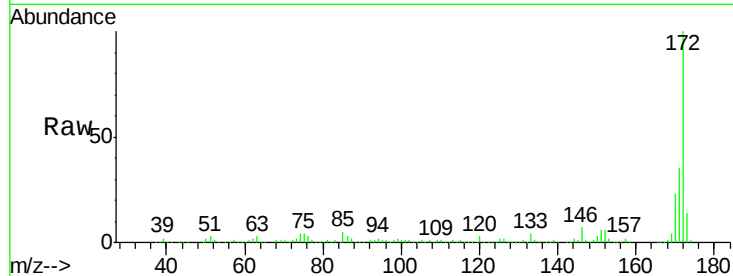




#44
 2-Fluorobiphenyl
 Concen: 105.429 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035500.D
 Acq: 29 Jun 2018 5:22

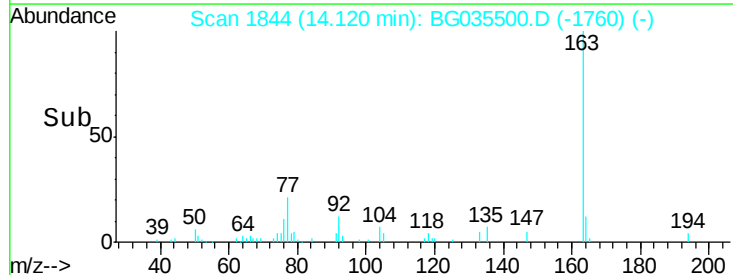
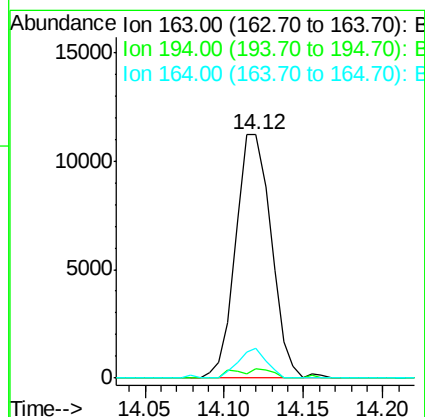
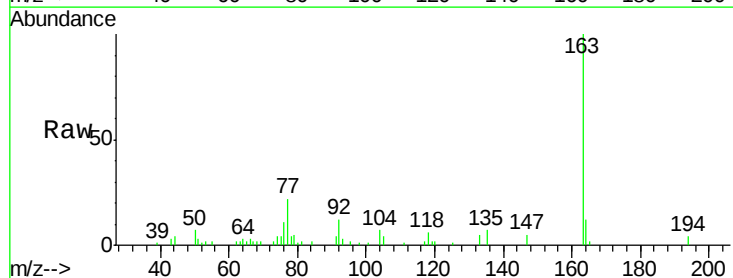
Instrument :
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 ClientSampleId :
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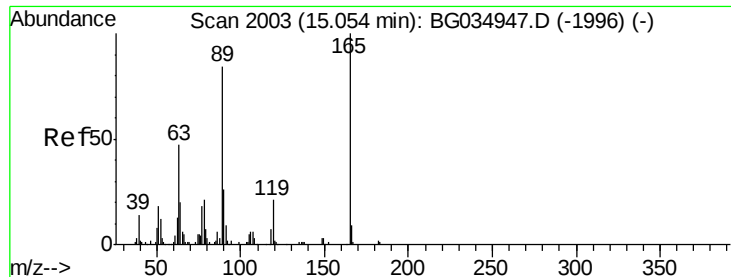
Tgt Ion:172 Resp: 744656
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 22.9 19.5 29.3



#49
 Dimethylphthalate
 Concen: 2.184 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.04 min
 Lab File: BG035500.D
 Acq: 29 Jun 2018 5:22

Tgt Ion:163 Resp: 17489
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.4 5.2
 164 12.3 8.2 12.4

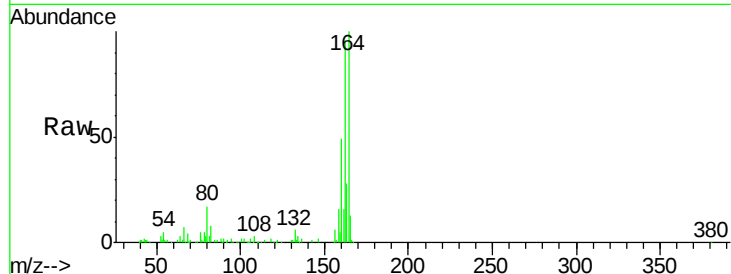




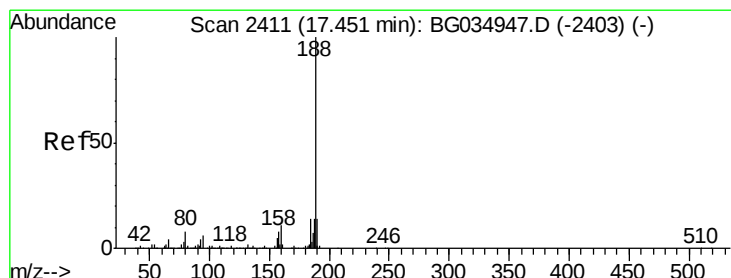
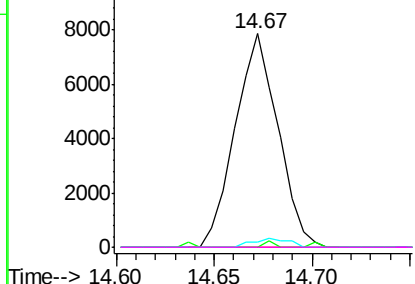
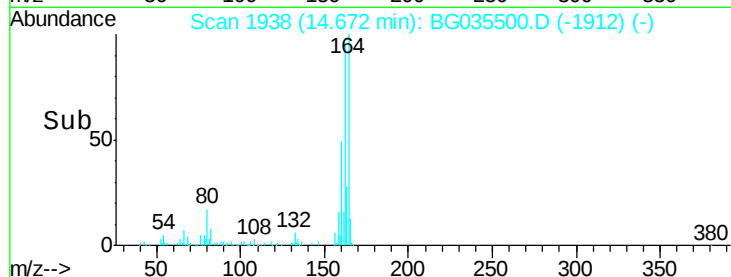
#56
2,4-Dinitrotoluene
Concen: 6.126 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.38 min
Lab File: BG035500.D
Acq: 29 Jun 2018 5:22

Instrument :
BNA_G
ClientSampleId :
W-33

Tgt Ion:165 Resp: 11888
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.6 66.9 100.3#
182 0.0 2.6 3.8#

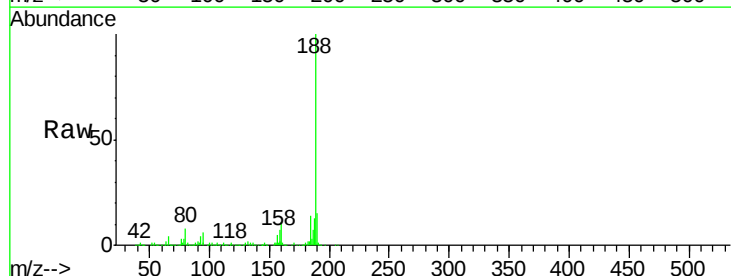


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

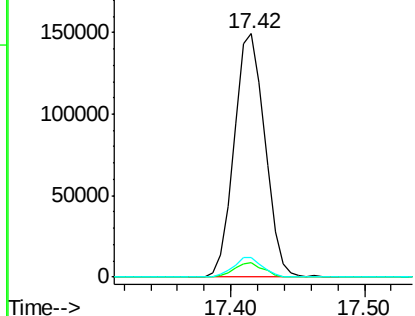
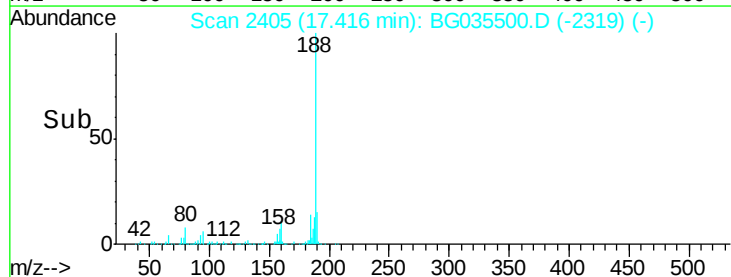


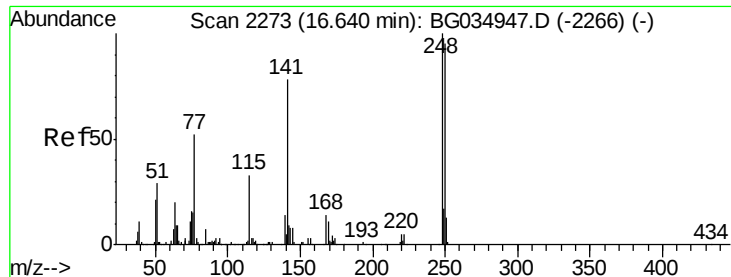
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035500.D
Acq: 29 Jun 2018 5:22

Tgt Ion:188 Resp: 238859
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 8.2 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

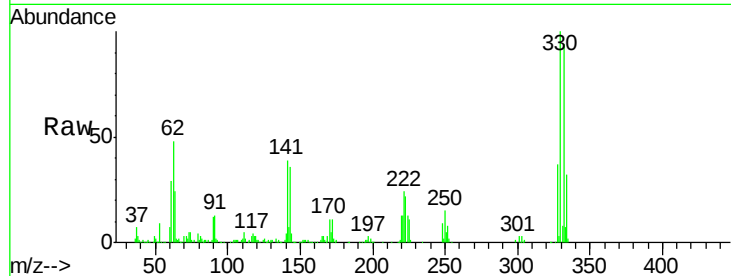




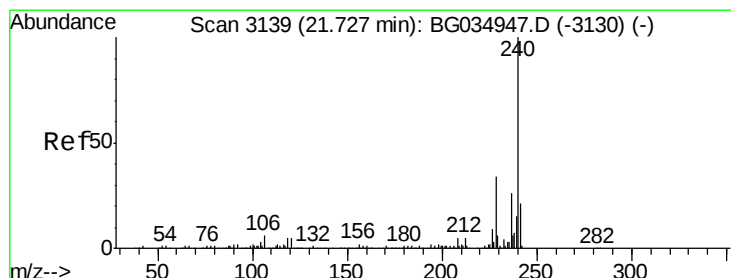
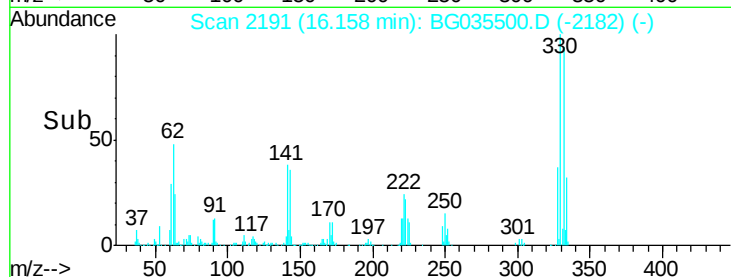
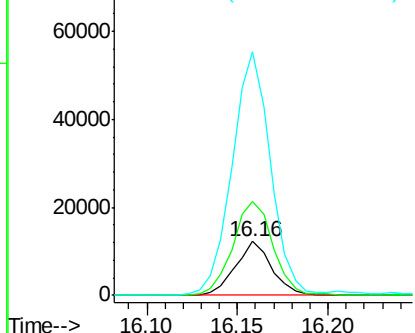
#66
4-Bromophenyl-phenylether
Concen: 5.875 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035500.D
Acq: 29 Jun 2018 5:22

Instrument :
BNA_G
ClientSampleId :
W-33

Tgt Ion:248 Resp: 16900
Ion Ratio Lower Upper
248 100
250 174.2 77.1 115.7#
141 451.9 50.8 76.2#

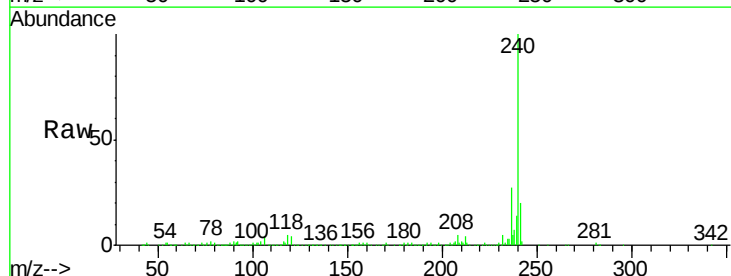


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

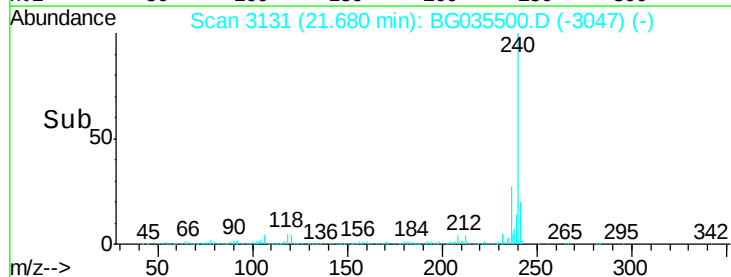
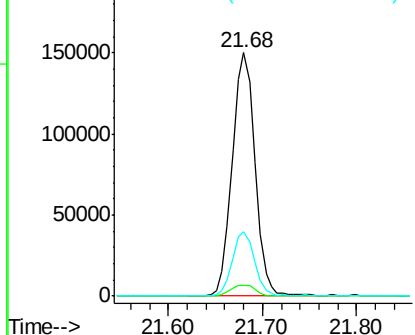


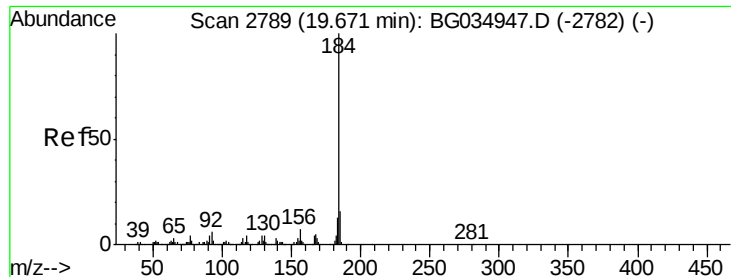
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035500.D
Acq: 29 Jun 2018 5:22

Tgt Ion:240 Resp: 254768
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 26.6 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: 2.187 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035500.D

Acq: 29 Jun 2018 5:22

Instrument :

BNA_G

ClientSampleId :

W-33

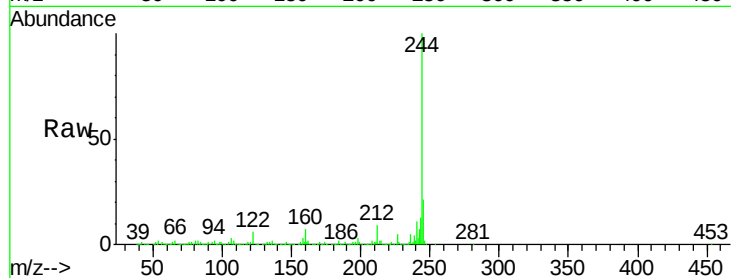
Tgt Ion:184 Resp: 20729

Ion Ratio Lower Upper

184 100

185 17.9 11.1 16.7#

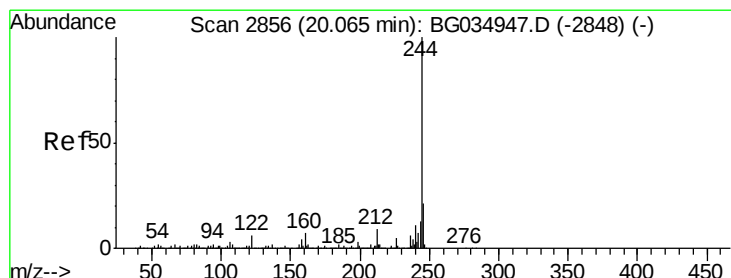
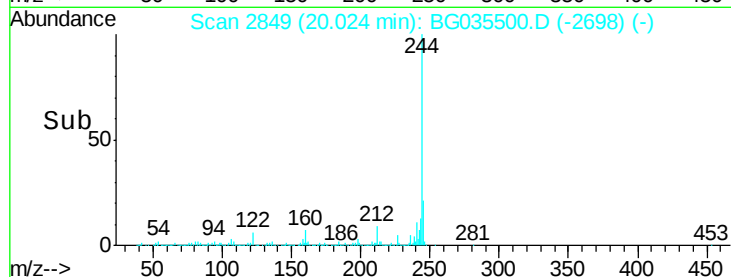
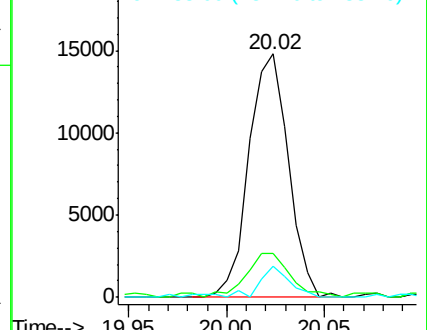
183 12.9 10.6 16.0



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: 102.939 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035500.D

Acq: 29 Jun 2018 5:22

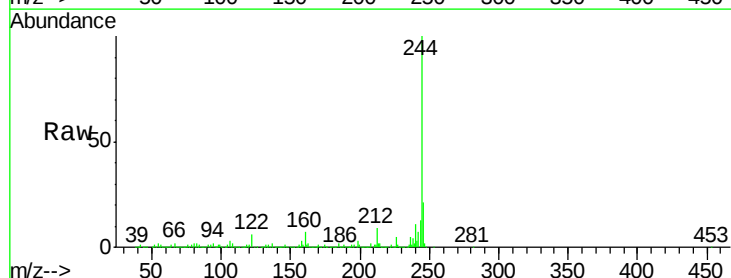
Tgt Ion:244 Resp: 1252015

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

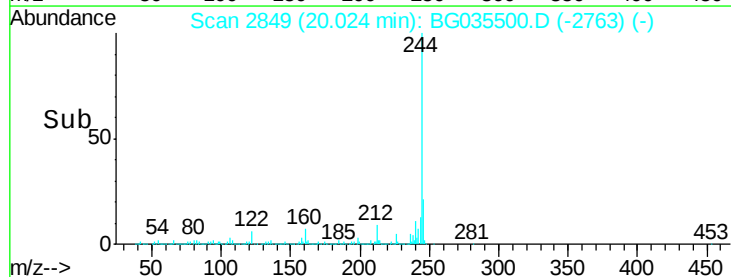
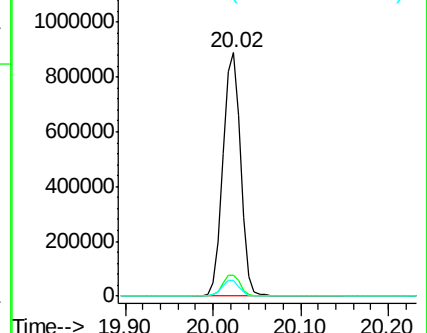
122 6.3 7.0 10.4#

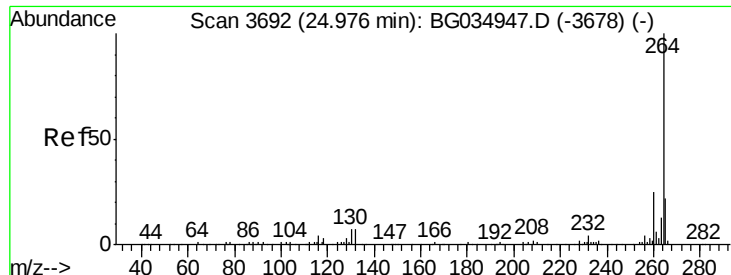


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

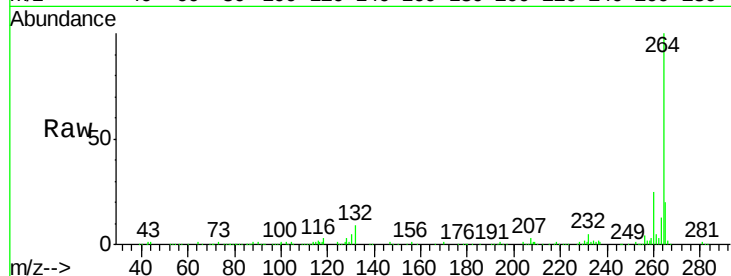




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035500.D
Acq: 29 Jun 2018 5:22

Instrument :
BNA_G
ClientSampleId :
W-33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	20.0	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

