

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035529.D
 Acq On : 30 Jun 2018 6:26
 Operator : JU/SJ
 Sample : J3774-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 00:56:15 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

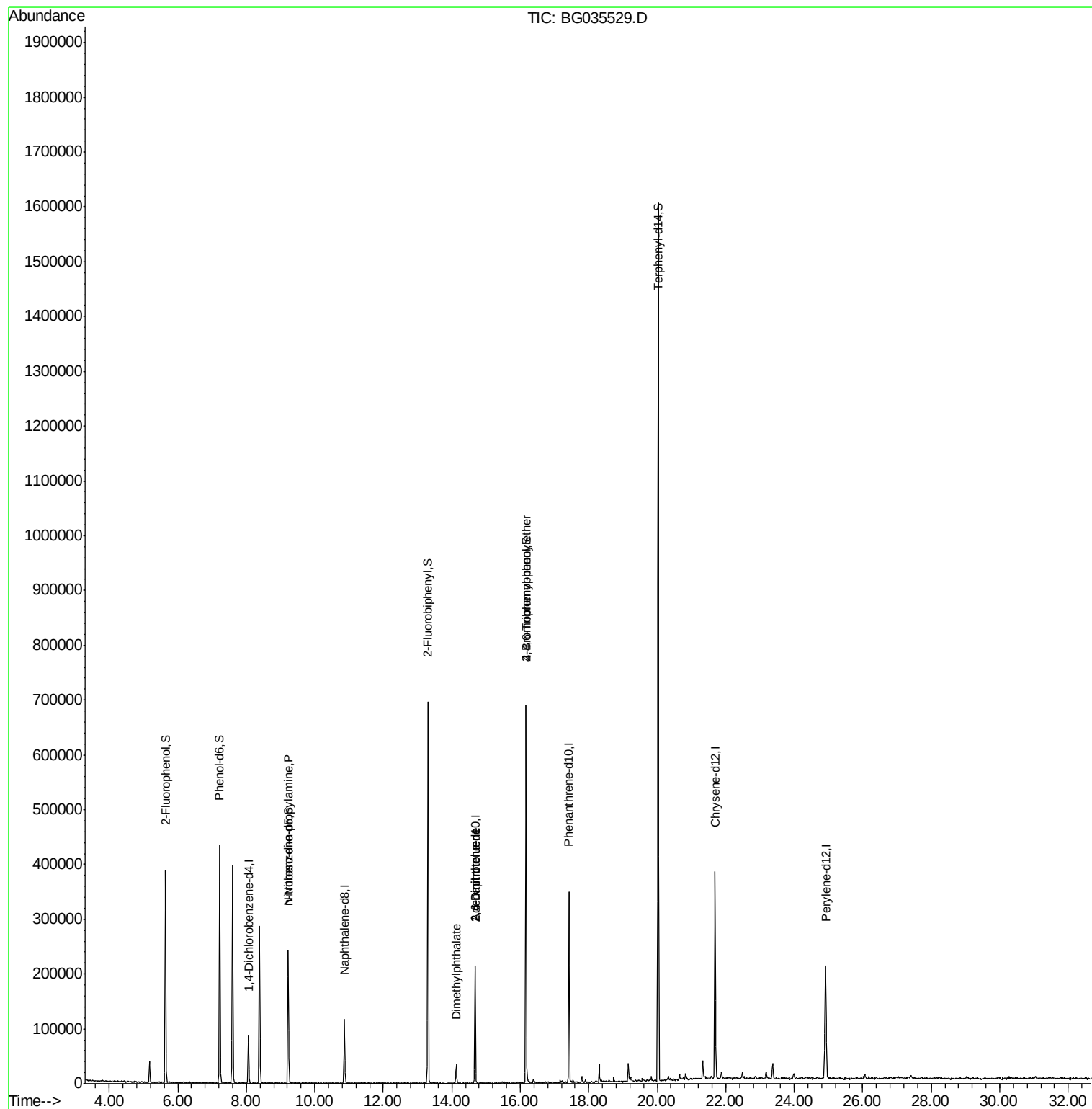
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24657	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	94731	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	76542	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	225356	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	239415	20.00	ng	-0.02
86) Perylene-d12	24.91	264	226155	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	171553	117.42	ng	0.00
7) Phenol-d6	7.22	99	258681	119.96	ng	0.00
23) Nitrobenzene-d5	9.22	82	160819	80.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	128855	131.51	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	394176	66.95	ng	-0.02
78) Terphenyl-d14	20.03	244	791454	69.25	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	21964	11.989	ng	# 66
49) Dimethylphthalate	14.13	163	24516	3.673	ng	# 97
50) 2,6-Dinitrotoluene	14.68	165	10506	8.628	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	10506	6.495	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	11156	4.111	ng	# 1

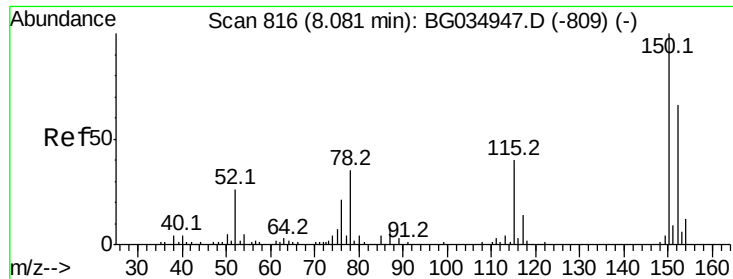
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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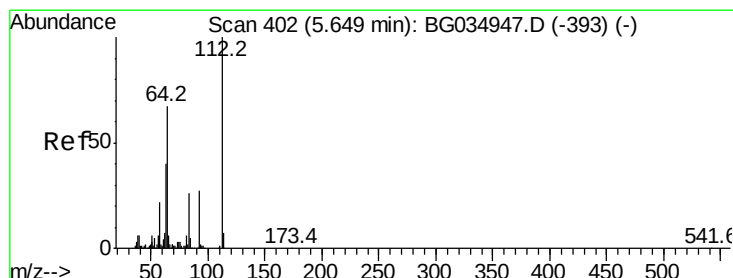
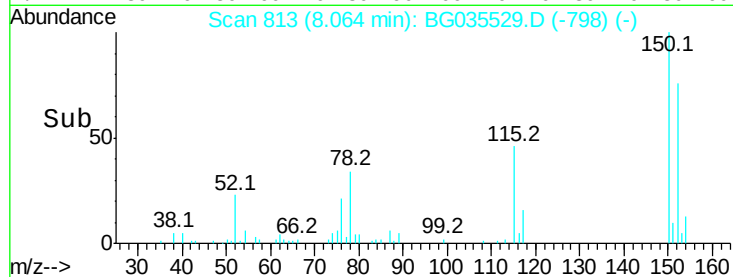
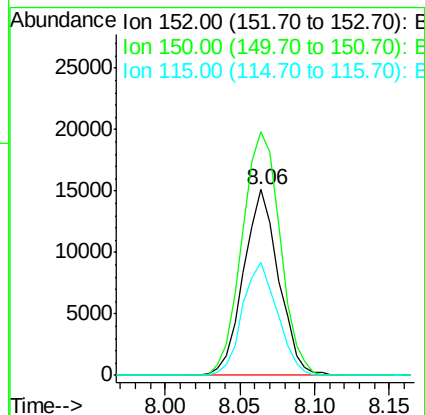
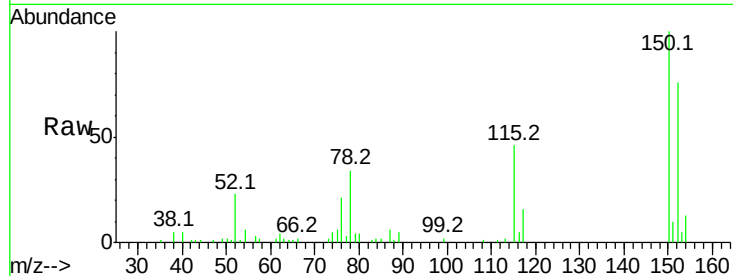


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035529.D
Acq: 30 Jun 2018 6:26

Instrument :
BNA_G
ClientSampleId :

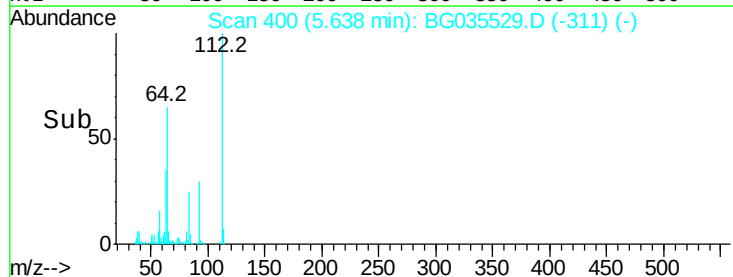
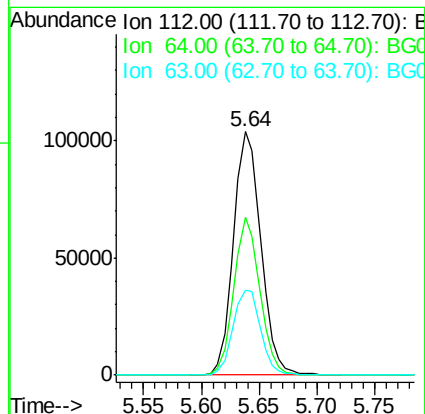
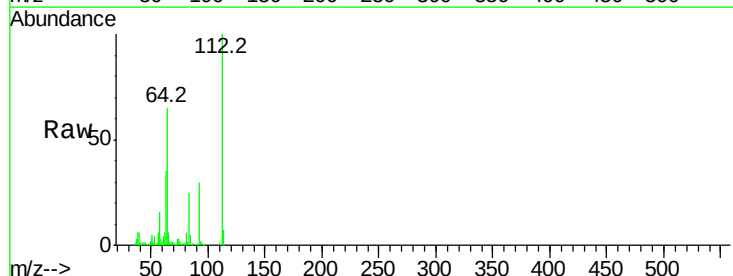
Tot Ion:152 Resp: 24657
Ion Ratio Lower Upper
152 100
150 131.2 126.6 189.8
115 60.6 53.0 79.4

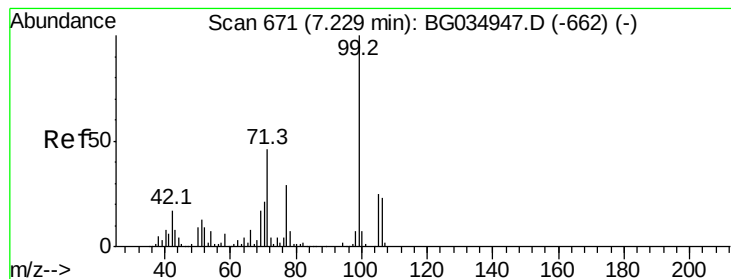


#5

2-Fluorophenol
Concen: 117.417 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035529.D
Acq: 30 Jun 2018 6:26

Tgt Ion:112 Resp: 171553
Ion Ratio Lower Upper
112 100
64 64.9 56.3 84.5
63 34.7 30.1 45.1





#7

Phenol-d6

Concen: 119.957 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035529.D

Acq: 30 Jun 2018 6:26

Instrument :

BNA_G

ClientSampleId :

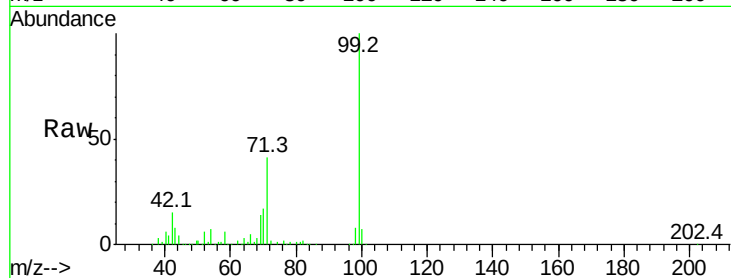
Tot Ion: 99 Resp: 258681

Ion Ratio Lower Upper

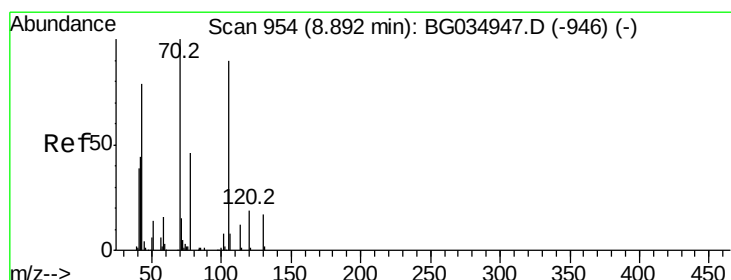
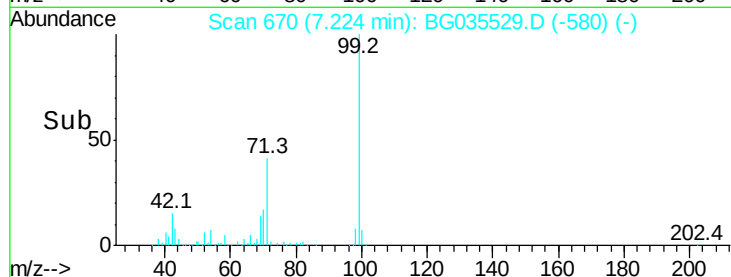
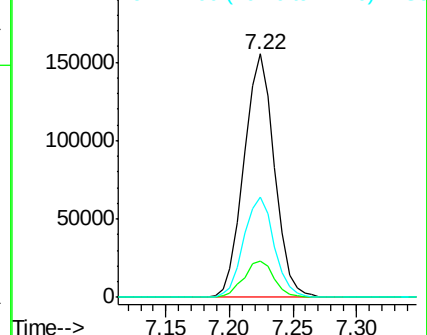
99 100

42 14.9 14.1 21.1

71 41.2 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: 11.989 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035529.D

Acq: 30 Jun 2018 6:26

Tgt Ion: 70 Resp: 21964

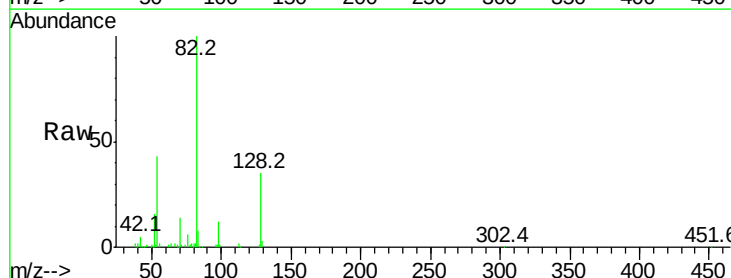
Ion Ratio Lower Upper

70 100

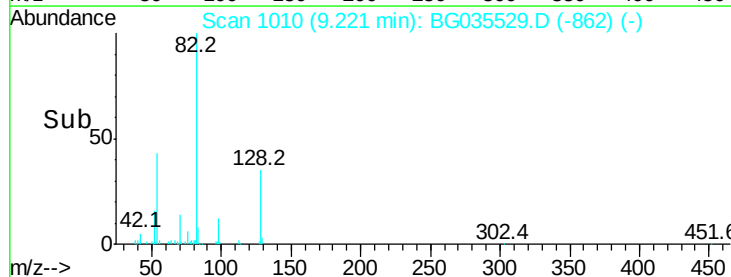
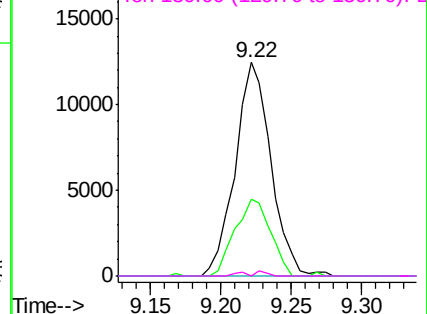
42 35.9 49.1 73.7#

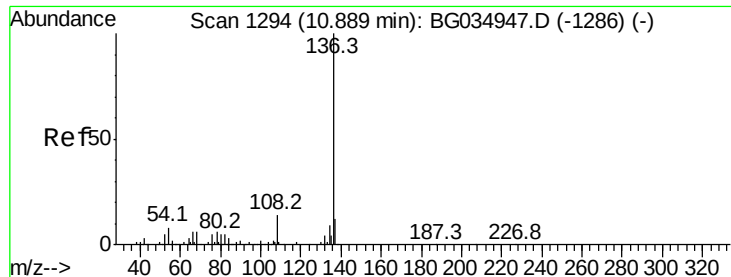
101 0.0 8.5 12.7#

130 0.0 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: BG035529.D

Acq: 30 Jun 2018 6:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 94731

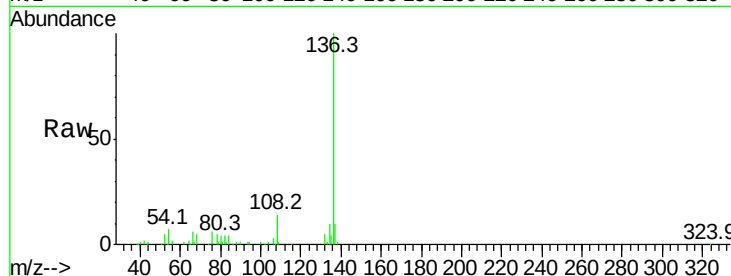
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 7.2 10.3 15.5#

68 4.6 4.5 6.7

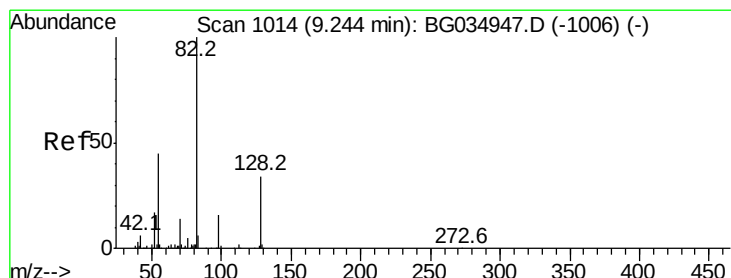
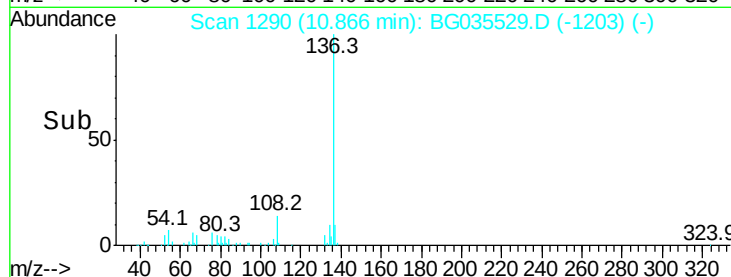
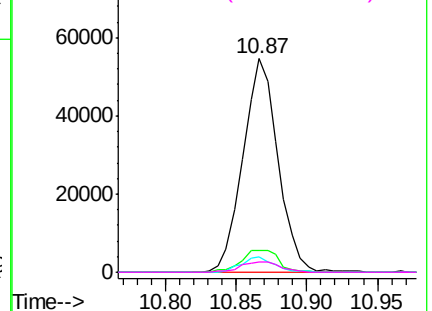


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.696 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035529.D

Acq: 30 Jun 2018 6:26

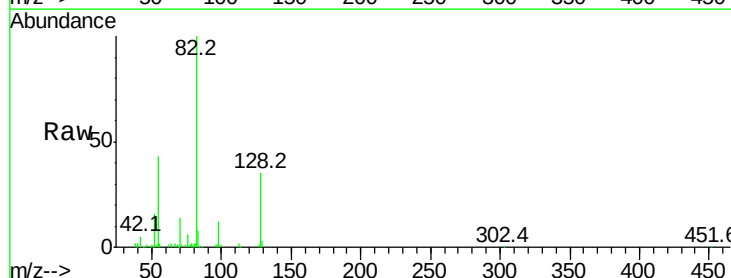
Tgt Ion: 82 Resp: 160819

Ion Ratio Lower Upper

82 100

128 34.8 29.7 44.5

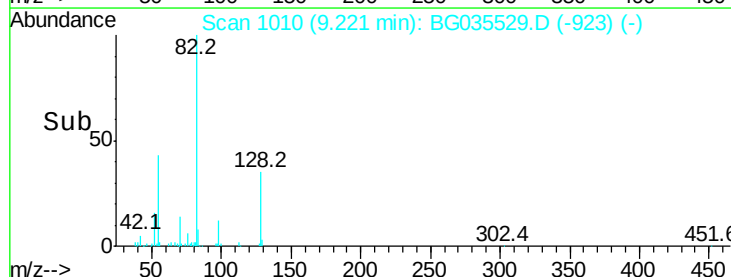
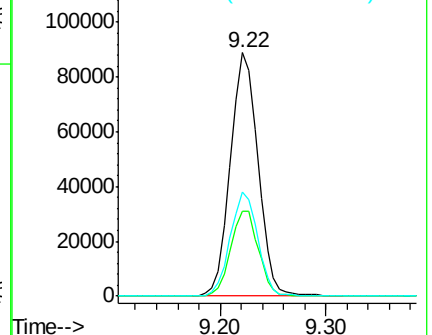
54 42.8 43.1 64.7#

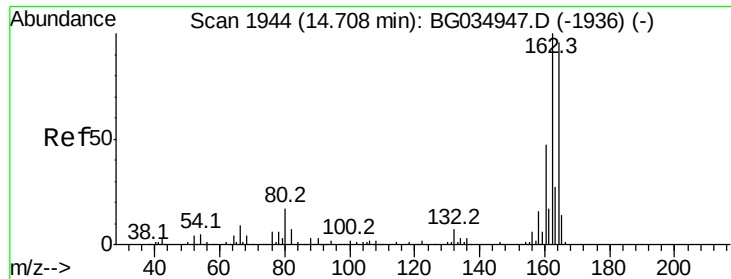


Abundance Ion 82.00 (81.70 to 82.70): BGC

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# 1939

Delta R.T. -0.02 min

Lab File: BG035529.D

Acq: 30 Jun 2018 6:26

Instrument :

BNA_G

ClientSampleId :

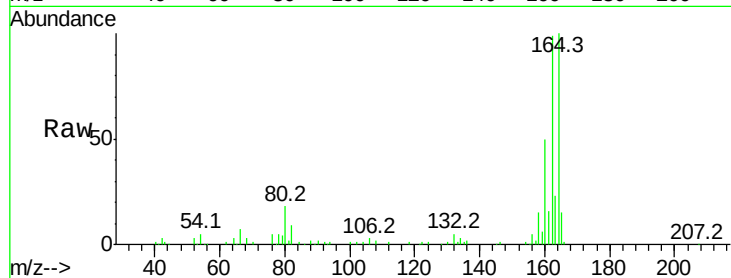
Tot Ion:164 Resp: 76542

Ion Ratio Lower Upper

164 100

162 99.1 78.8 118.2

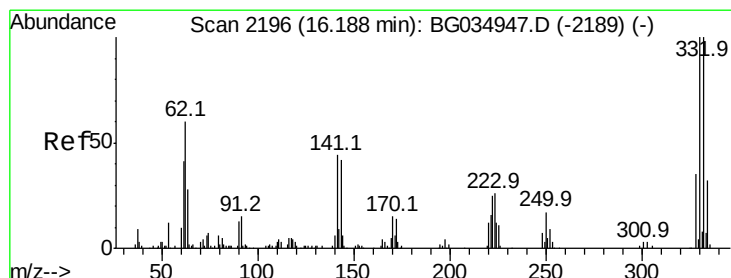
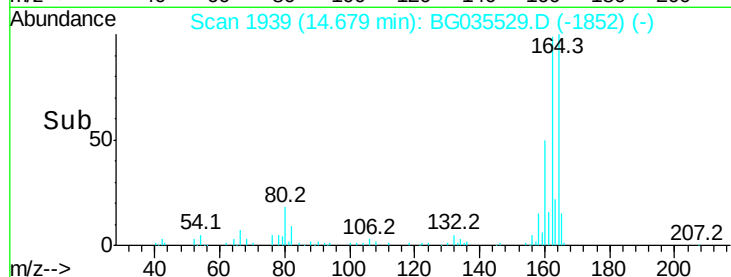
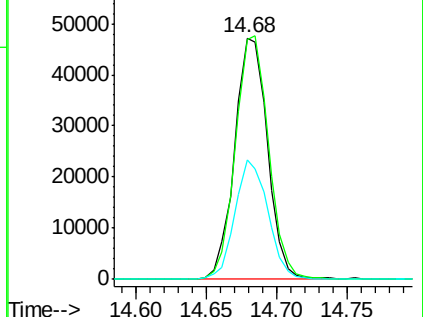
160 49.7 35.4 53.0



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: 131.507 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035529.D

Acq: 30 Jun 2018 6:26

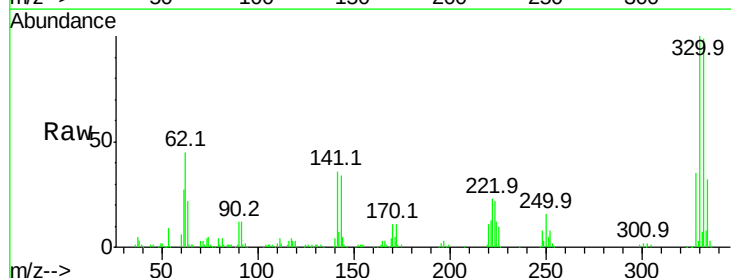
Tgt Ion:330 Resp: 128855

Ion Ratio Lower Upper

330 100

332 98.3 77.0 115.6

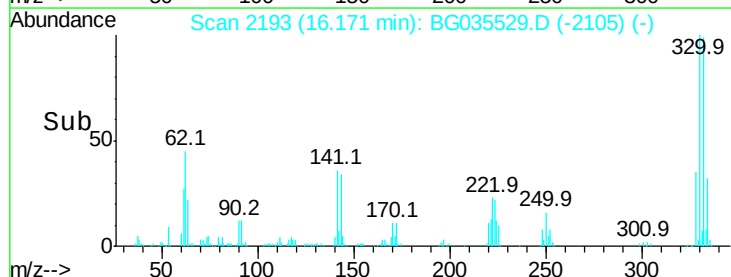
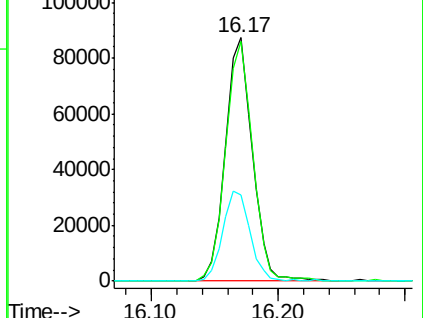
141 37.4 25.2 37.8

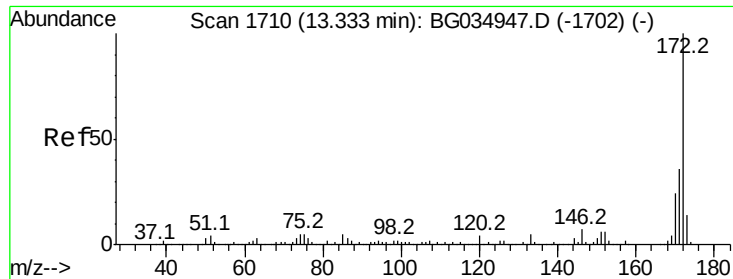


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

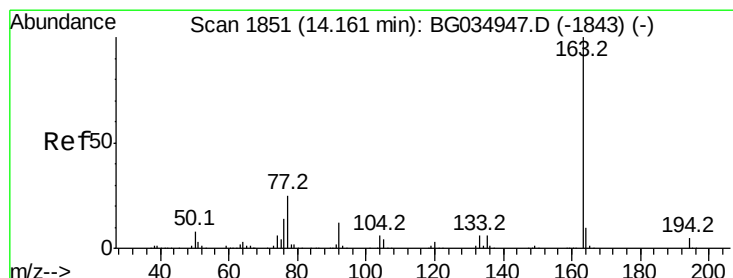
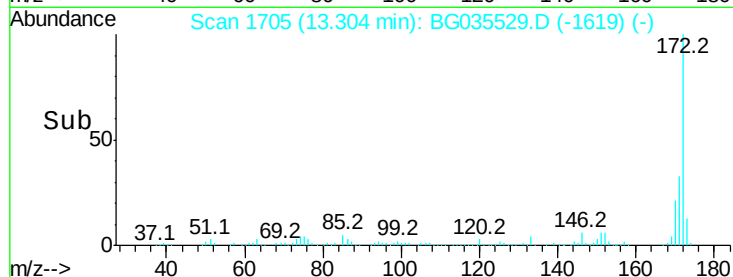
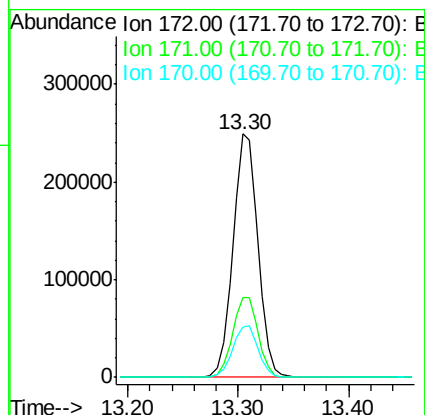
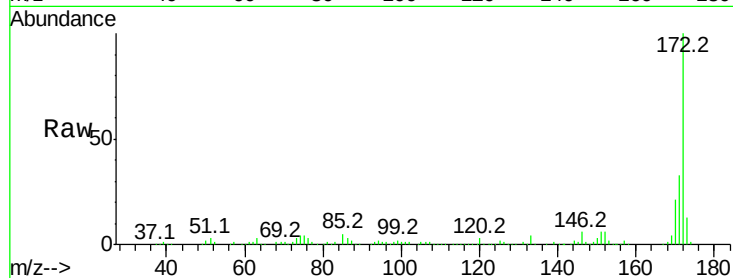




#44
 2-Fluorobiphenyl
 Concen: 66.947 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035529.D
 Acq: 30 Jun 2018 6:26

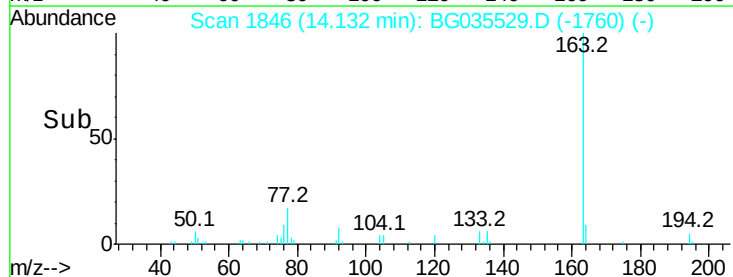
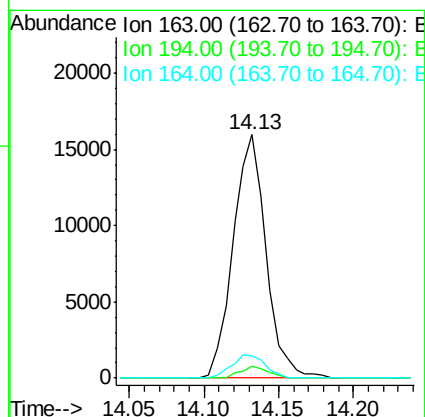
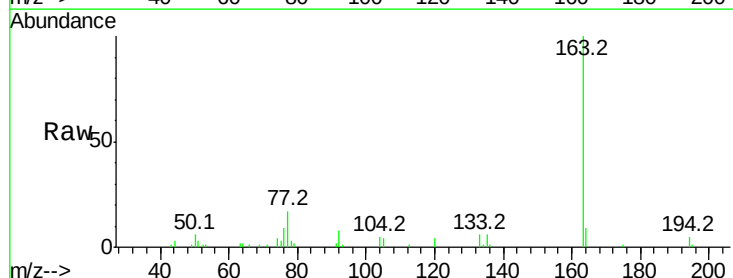
Instrument :
 BNA_G
 ClientSampleId :

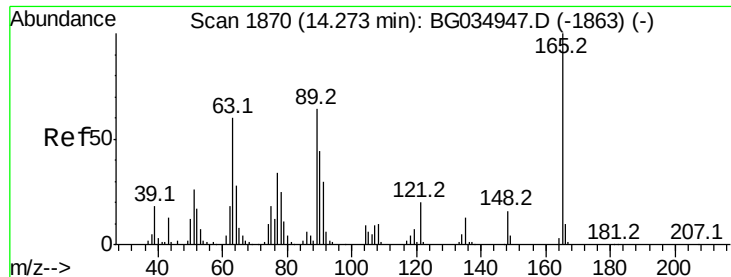
Tot Ion	Ratio	Lower	Upper
172	100		
171	32.7	30.0	45.0
170	20.9	19.5	29.3



#49
 Dimethylphthalate
 Concen: 3.673 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BG035529.D
 Acq: 30 Jun 2018 6:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	9.2	8.2	12.4

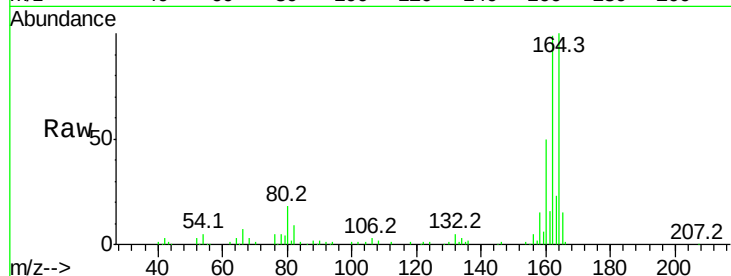




#50
 2,6-Dinitrotoluene
 Concen: 8.628 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035529.D
 Acq: 30 Jun 2018 6:26

Instrument :
 BNA_G
 ClientSampleId :

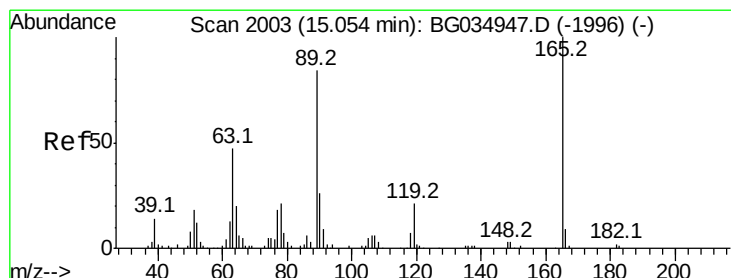
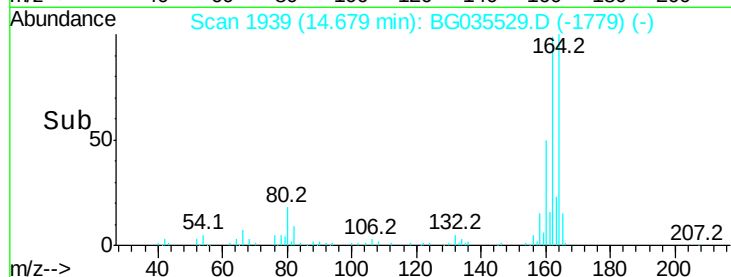
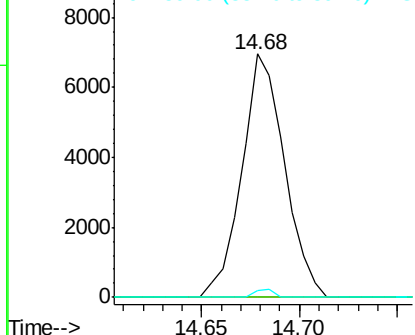
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.6	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

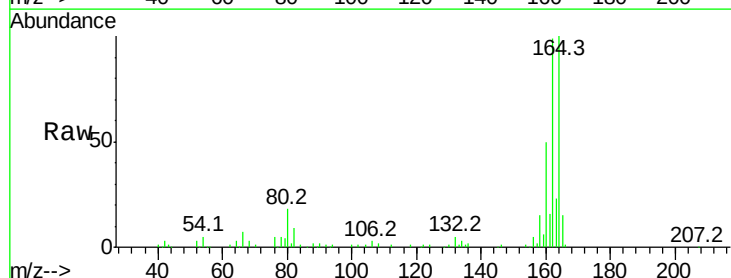
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
 2,4-Dinitrotoluene
 Concen: 6.495 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035529.D
 Acq: 30 Jun 2018 6:26

Tgt 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#

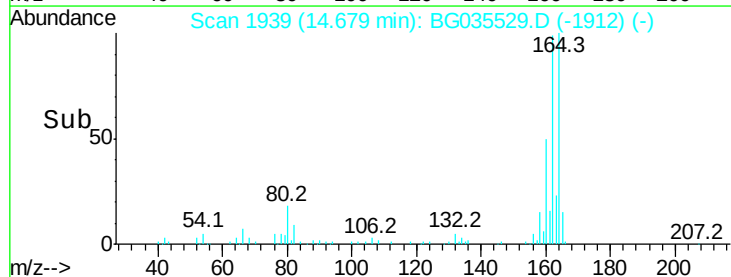
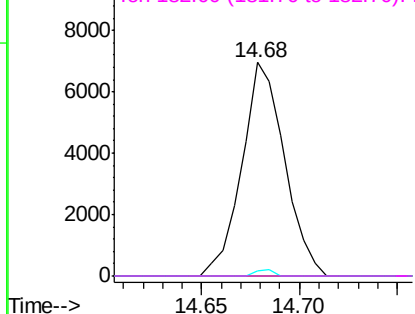


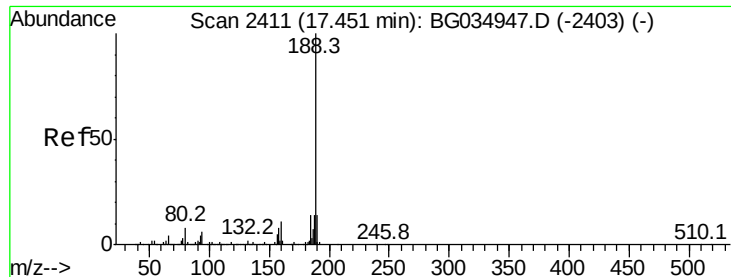
Abundance Ion 165.00 (164.70 to 165.70): E

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

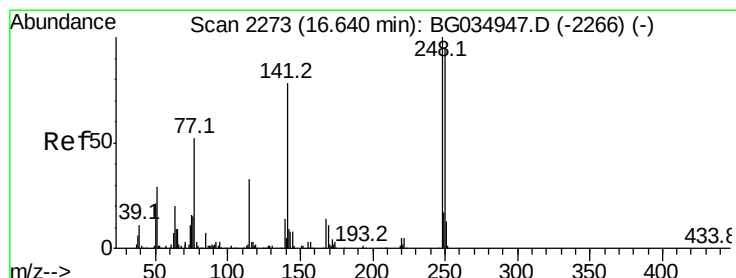
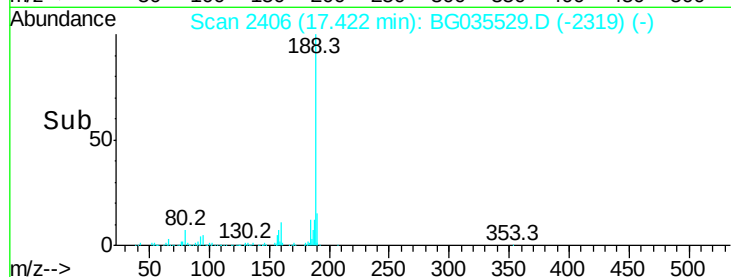
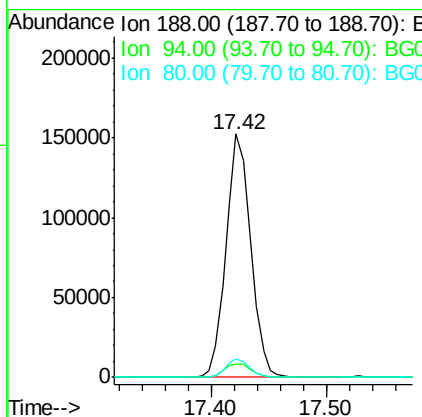
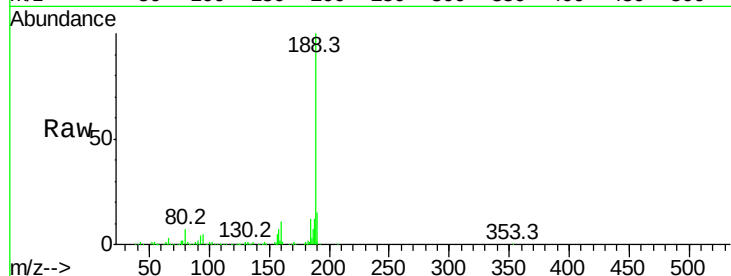




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035529.D
 Acq: 30 Jun 2018 6:26

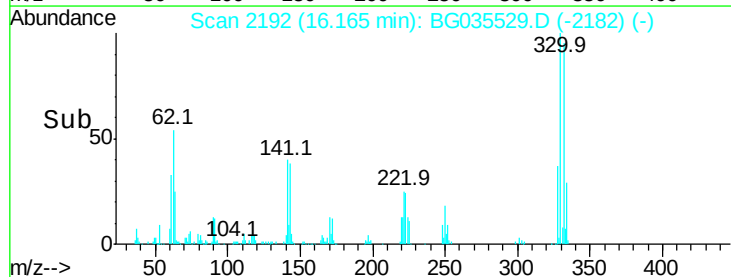
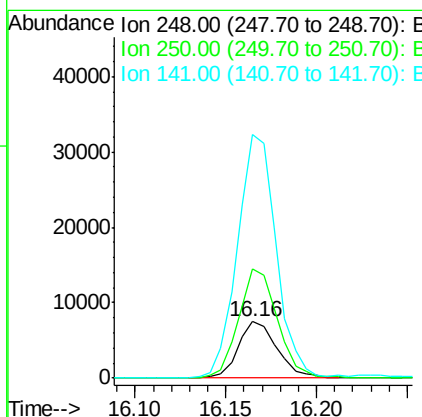
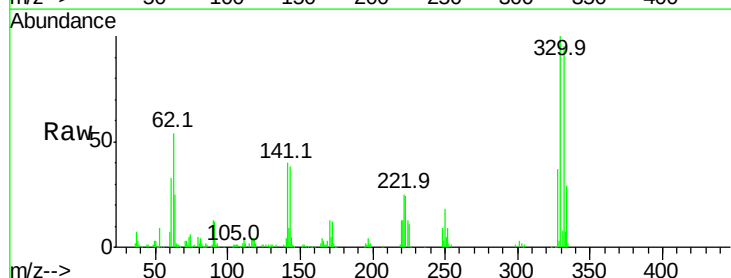
Instrument :
 BNA_G
 ClientSampleId :

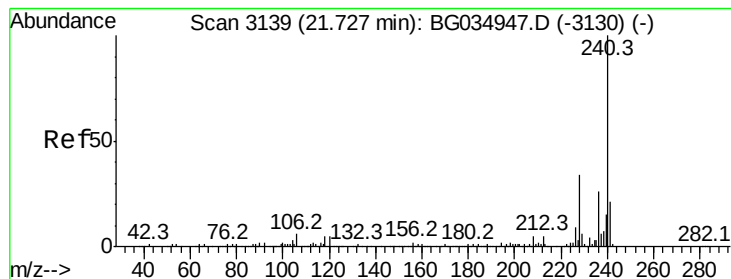
Tot Ion:188 Resp: 225356
 Ion Ratio Lower Upper
 188 100
 94 5.5 6.9 10.3#
 80 7.3 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 4.111 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG035529.D
 Acq: 30 Jun 2018 6:26

Tgt Ion:248 Resp: 11156
 Ion Ratio Lower Upper
 248 100
 250 193.5 77.1 115.7#
 141 432.4 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: BG035529.D

Acq: 30 Jun 2018 6:26

Instrument :

BNA_G

ClientSampleId :

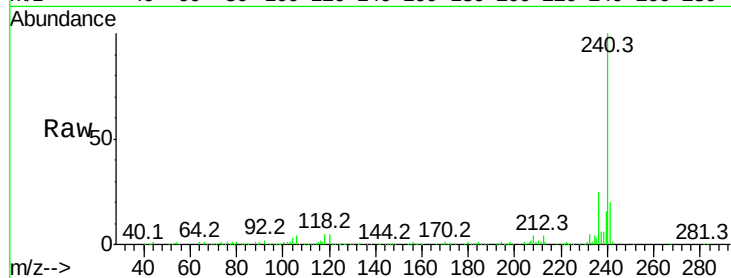
Tot Ion:240 Resp: 239415

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

236 24.9 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

200000

150000

100000

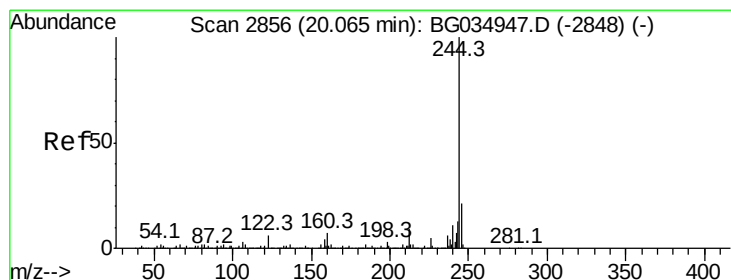
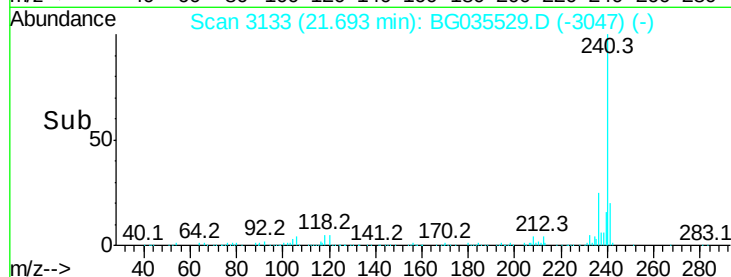
50000

0

21.69

21.60 21.70 21.80

Time-->



#78

Terphenyl-d14

Concen: 69.245 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035529.D

Acq: 30 Jun 2018 6:26

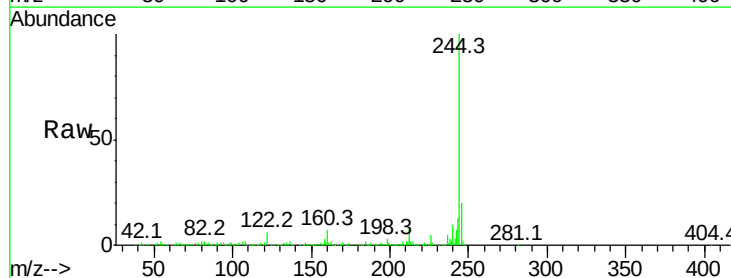
Tgt Ion:244 Resp: 791454

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

122 5.8 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

800000

600000

400000

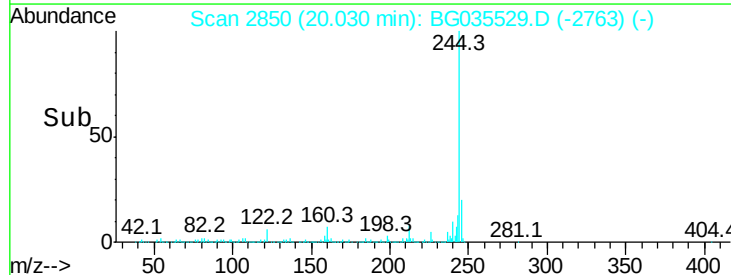
200000

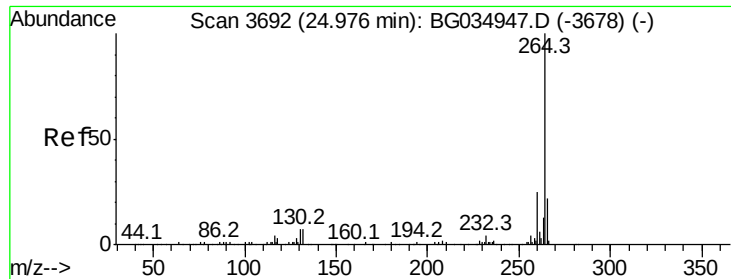
0

20.03

20.00 20.10

Time-->

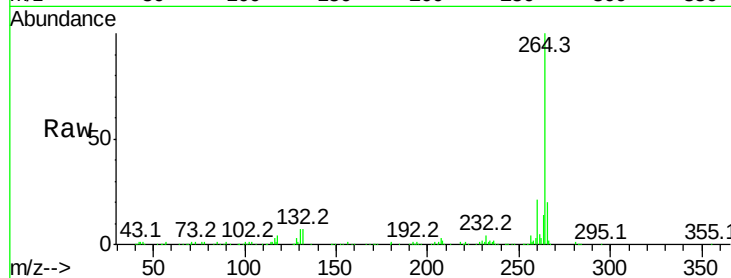




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035529.D
Acq: 30 Jun 2018 6:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.1	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

