

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035229.D
 Acq On : 18 Jun 2018 21:46
 Operator : SJ/JU
 Sample : PB110320BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110320BL

Quant Time: Jun 19 01:29:42 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

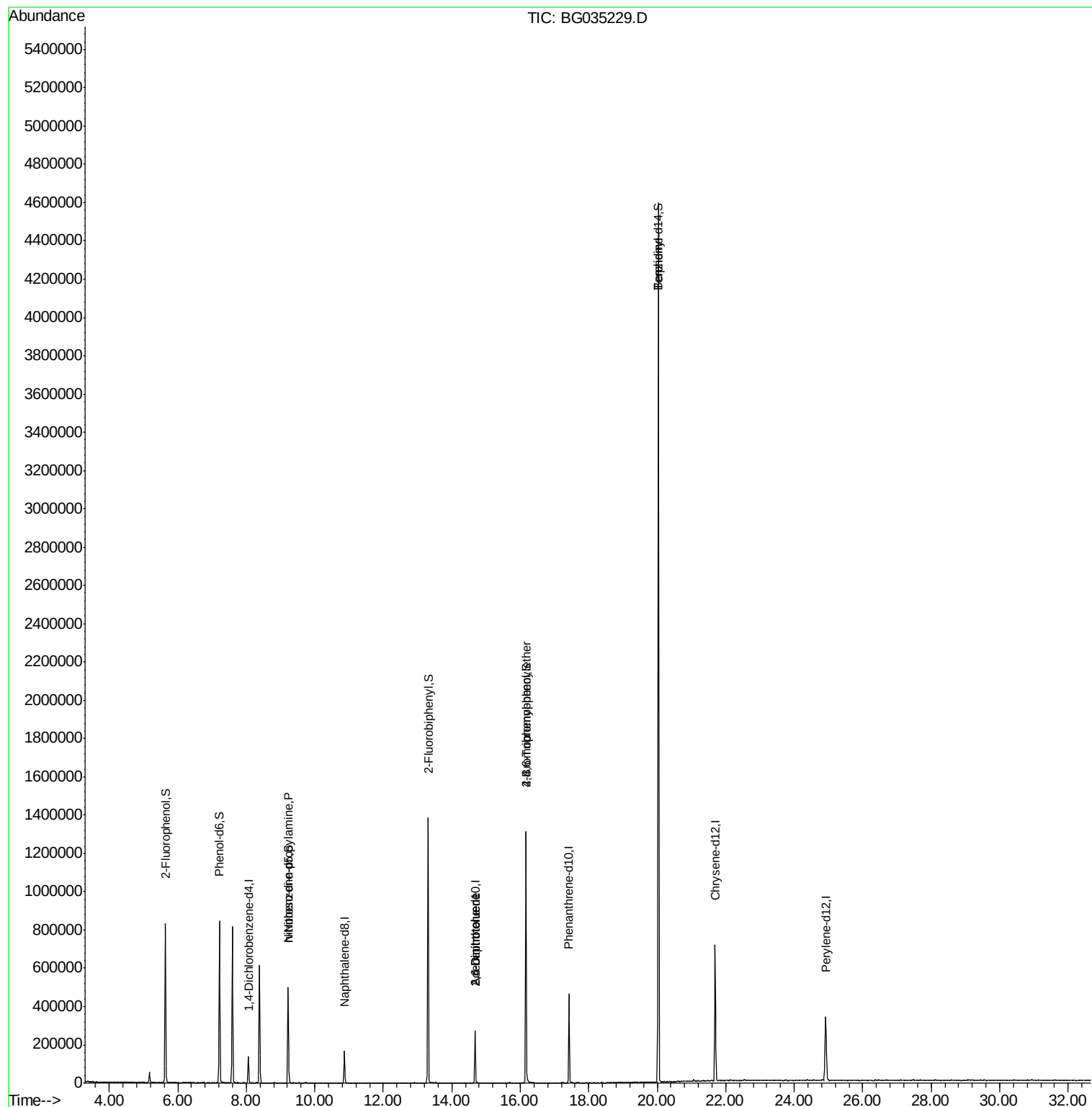
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	39965	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	136956	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	97712	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	303096	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	438604	20.00	ng	-0.02
86) Perylene-d12	24.92	264	375852	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	366225	154.65	ng	0.00
7) Phenol-d6	7.22	99	515827	147.58	ng	0.00
23) Nitrobenzene-d5	9.22	82	331649	115.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	251895	201.38	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	768961	102.31	ng	-0.02
78) Terphenyl-d14	20.04	244	2201082	105.12	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	45326	15.264	ng	# 68
50) 2,6-Dinitrotoluene	14.68	165	12956	8.335	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	12956	6.274	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	20137	5.517	ng	# 1
76) Benzidine	20.04	184	40317	2.471	ng	# 94

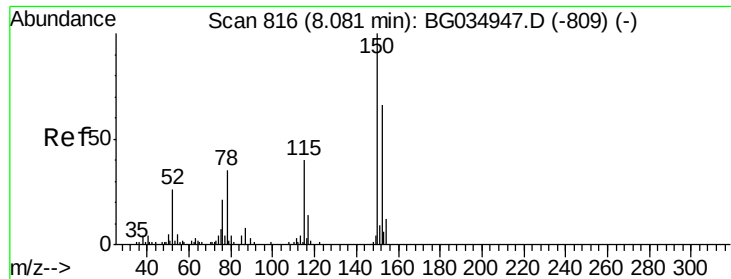
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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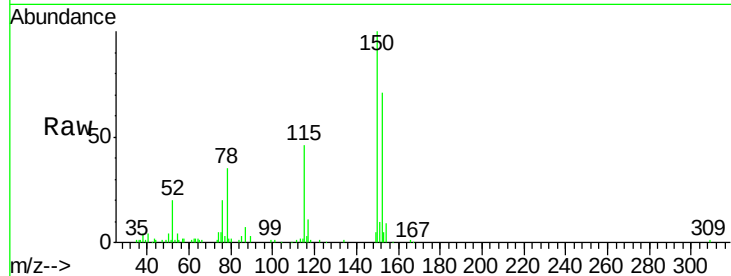


#1

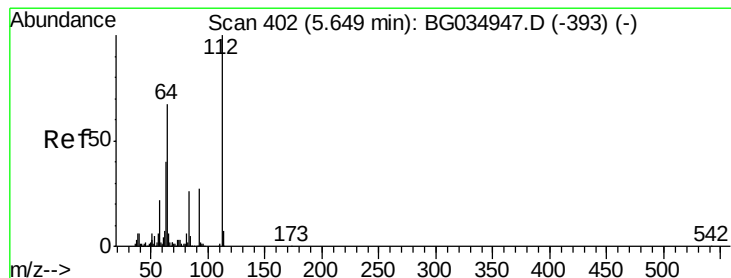
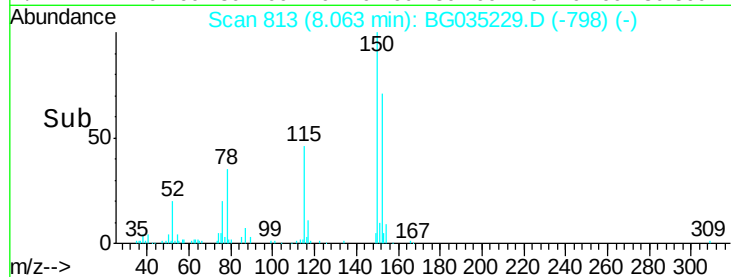
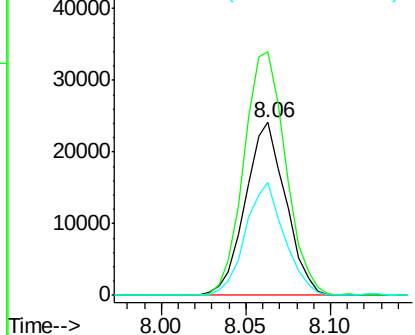
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035229.D
Acq: 18 Jun 2018 21:46

Instrument :
BNA_G
ClientSampleId :
PB110320BL

Tgt Ion:152 Resp: 39965
Ion Ratio Lower Upper
152 100
150 141.0 126.6 189.8
115 65.6 53.0 79.4



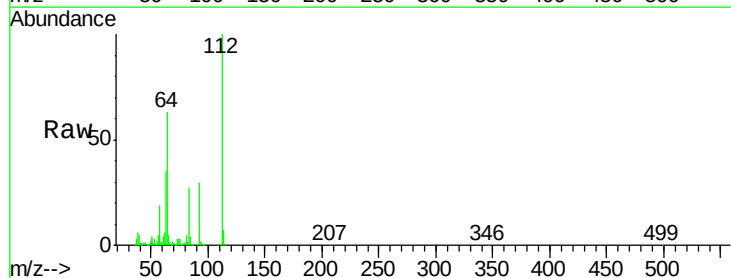
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



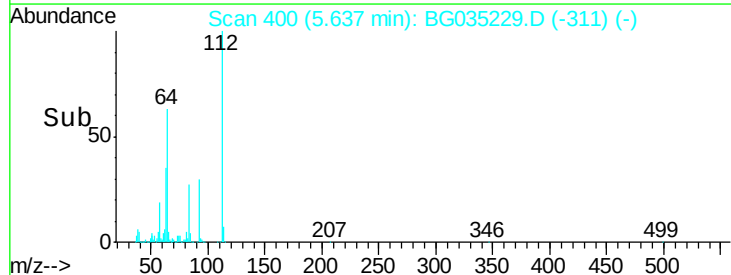
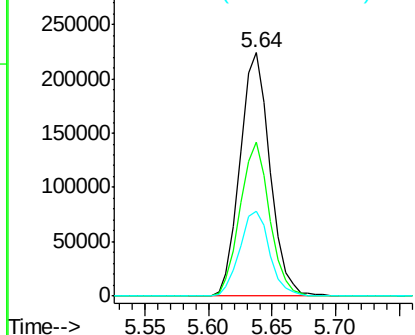
#5

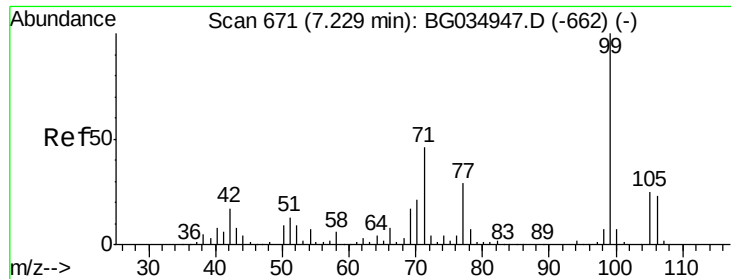
2-Fluorophenol
Concen: 154.646 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035229.D
Acq: 18 Jun 2018 21:46

Tgt Ion:112 Resp: 366225
Ion Ratio Lower Upper
112 100
64 63.1 56.3 84.5
63 34.8 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: 147.580 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035229.D

Acq: 18 Jun 2018 21:46

Instrument :

BNA_G

ClientSampleId :

PB110320BL

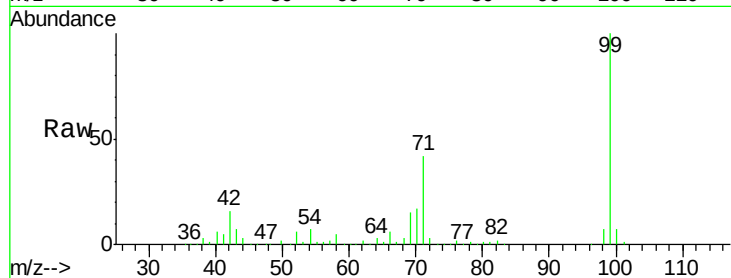
Tgt Ion: 99 Resp: 515827

Ion Ratio Lower Upper

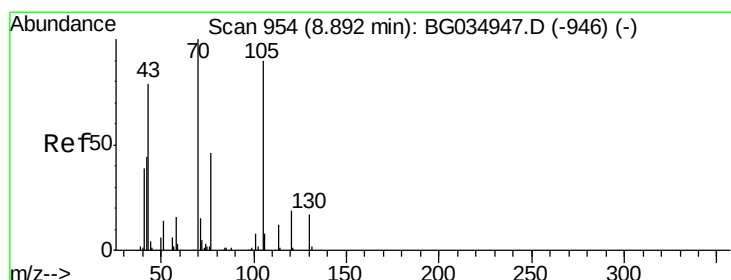
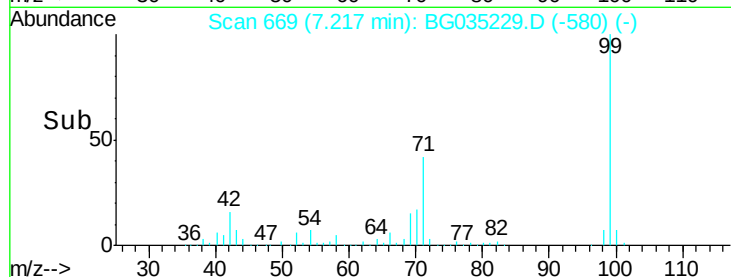
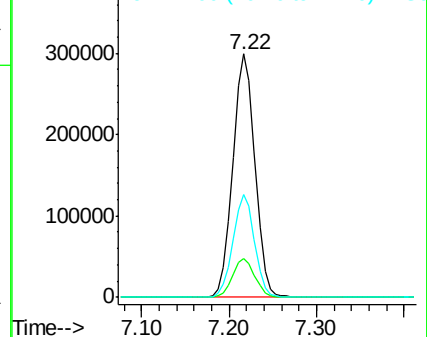
99 100

42 15.7 14.1 21.1

71 42.3 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: 15.264 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035229.D

Acq: 18 Jun 2018 21:46

Tgt Ion: 70 Resp: 45326

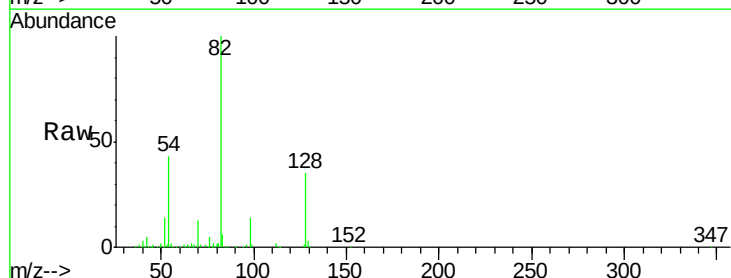
Ion Ratio Lower Upper

70 100

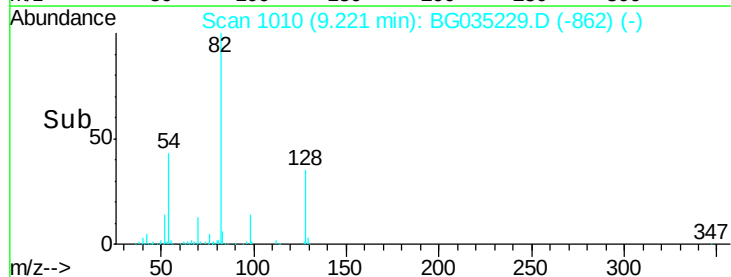
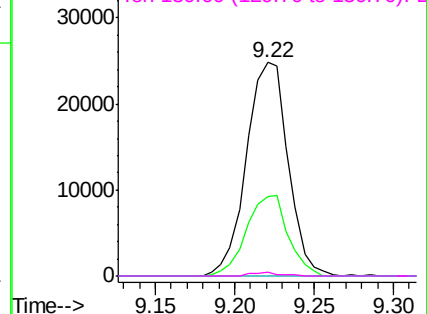
42 37.1 49.1 73.7#

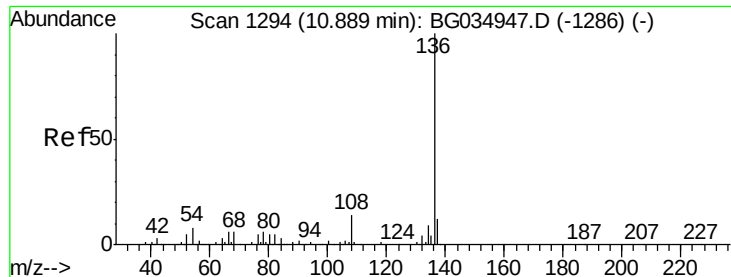
101 0.0 8.5 12.7#

130 2.0 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: BG035229.D

Acq: 18 Jun 2018 21:46

Instrument :

BNA_G

ClientSampleId :

PB110320BL

Tgt Ion:136 Resp: 136956

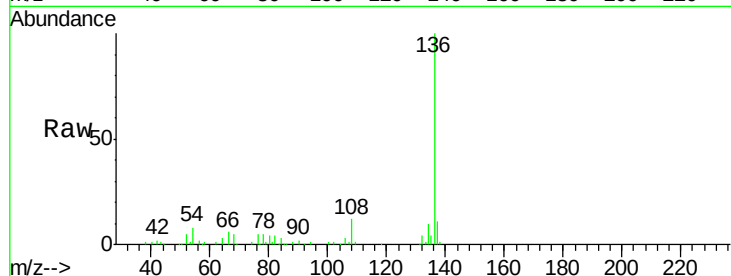
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.7 10.3 15.5#

68 5.4 4.5 6.7

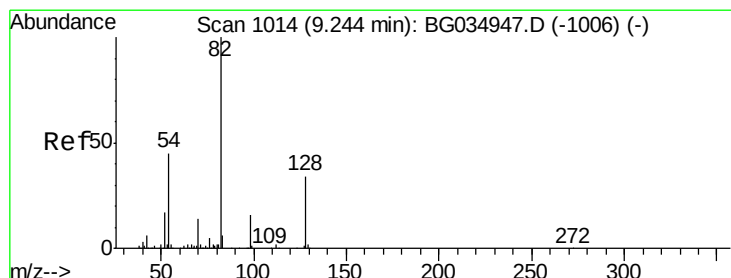
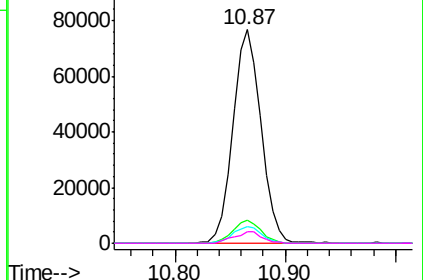
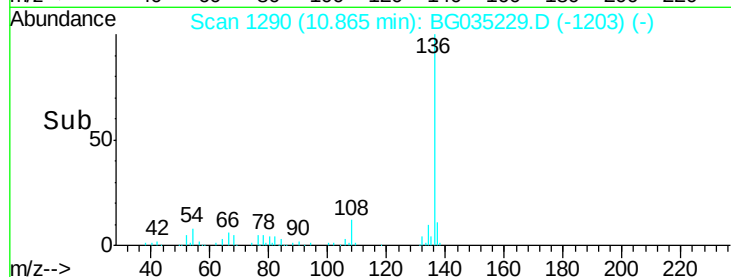


Abundance Ion 136.00 (135.70 to 136.70): E

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: 115.108 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035229.D

Acq: 18 Jun 2018 21:46

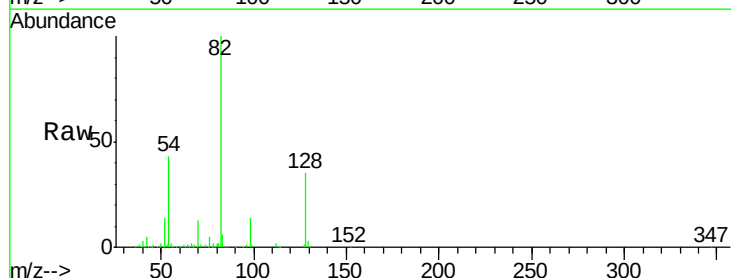
Tgt Ion: 82 Resp: 331649

Ion Ratio Lower Upper

82 100

128 34.6 29.7 44.5

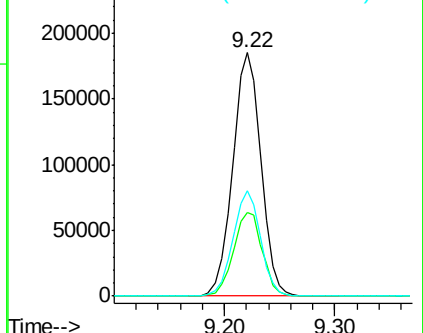
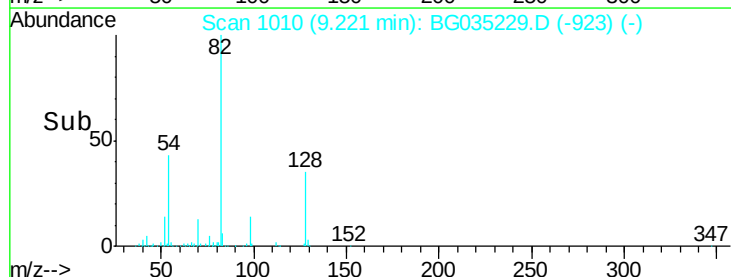
54 43.0 43.1 64.7#

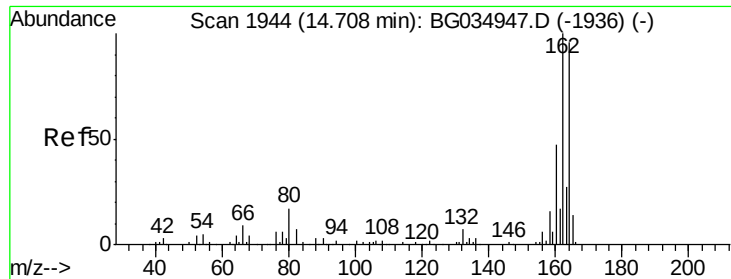


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035229.D

Acq: 18 Jun 2018 21:46

Instrument :

BNA_G

ClientSampleId :

PB110320BL

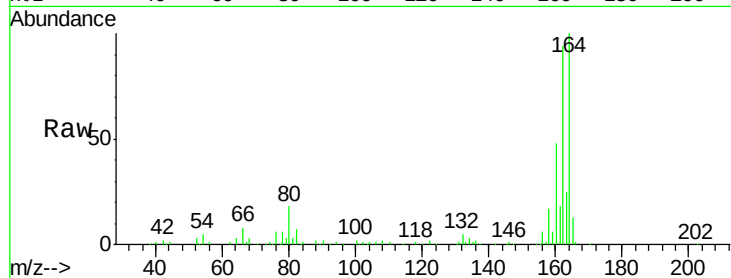
Tgt Ion:164 Resp: 97712

Ion Ratio Lower Upper

164 100

162 93.8 78.8 118.2

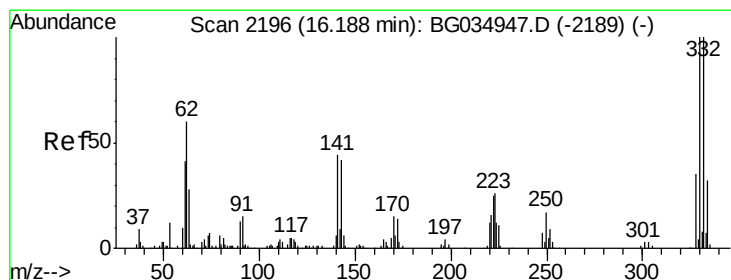
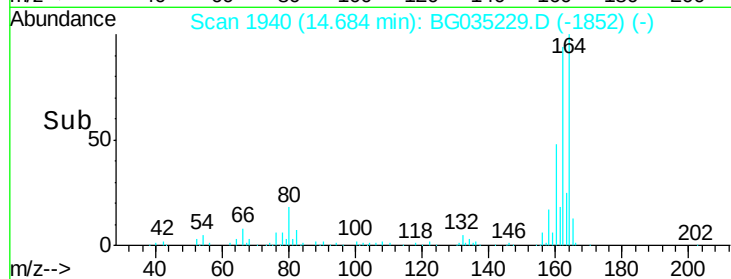
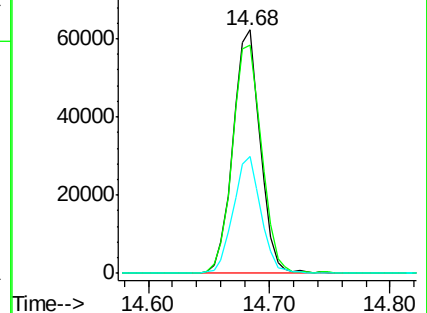
160 47.9 35.4 53.0



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: 201.381 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035229.D

Acq: 18 Jun 2018 21:46

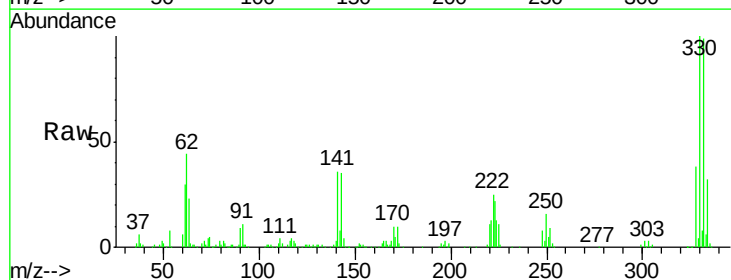
Tgt Ion:330 Resp: 251895

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

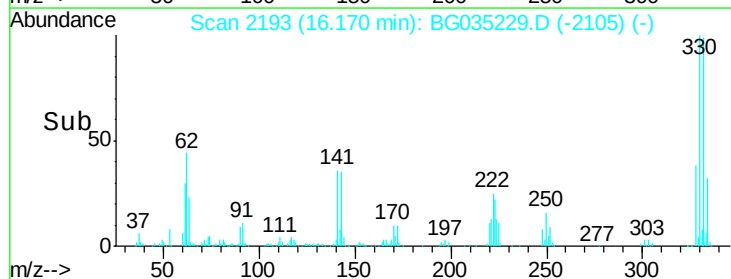
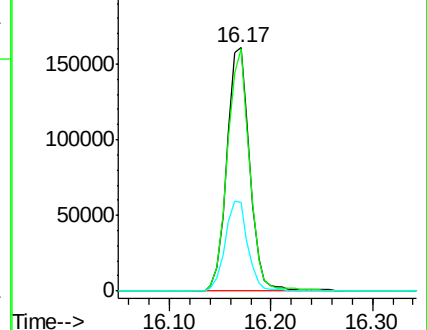
141 36.9 25.2 37.8

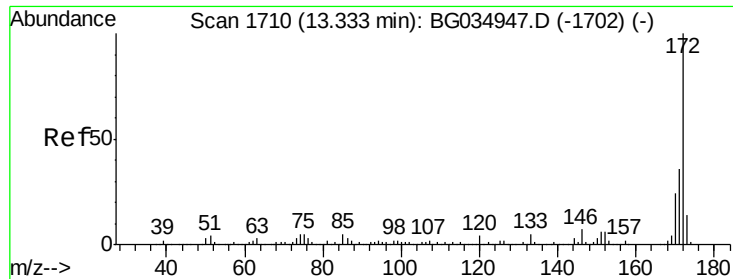


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

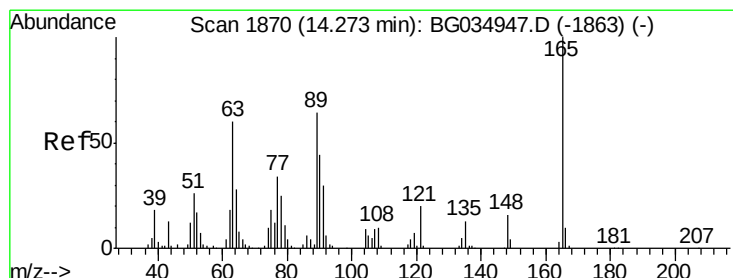
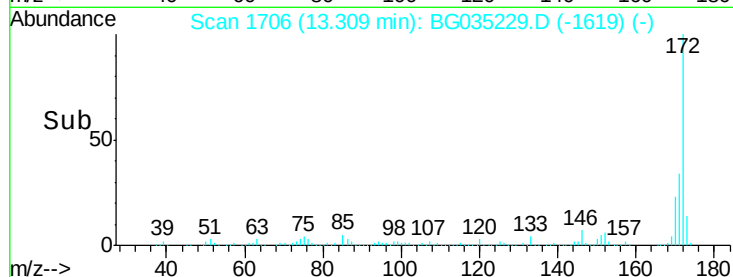
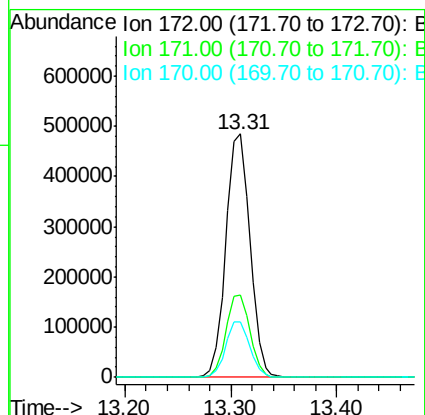
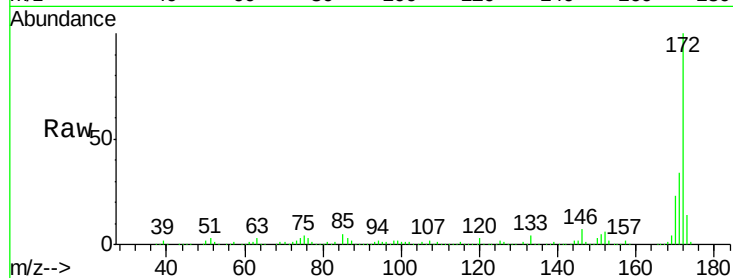




#44
 2-Fluorobiphenyl
 Concen: 102.305 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035229.D
 Acq: 18 Jun 2018 21:46

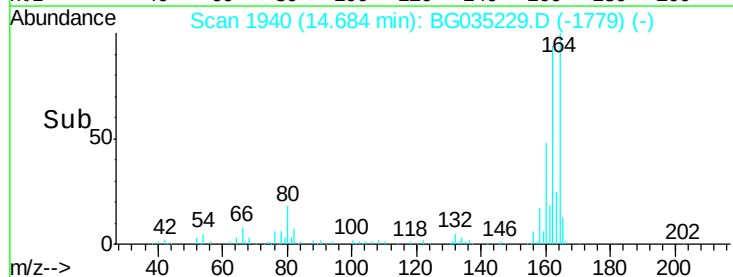
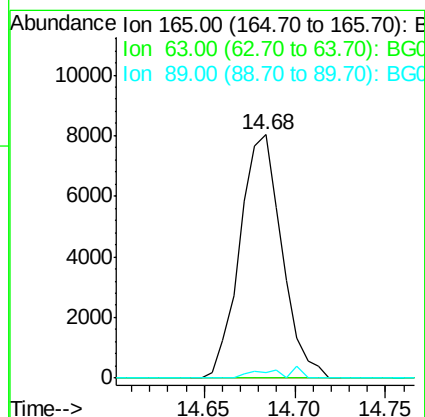
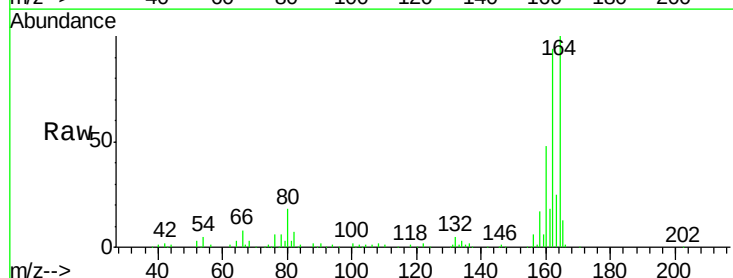
Instrument :
 BNA_G
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 PB110320BL

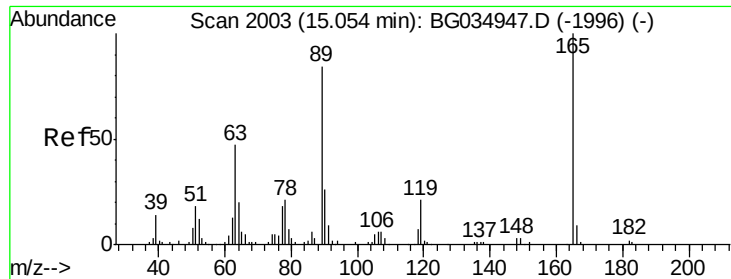
Tgt Ion:172 Resp: 768961
 Ion Ratio Lower Upper
 172 100
 171 34.0 30.0 45.0
 170 22.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.335 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035229.D
 Acq: 18 Jun 2018 21:46

Tgt Ion:165 Resp: 12956
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.4 49.2 73.8#

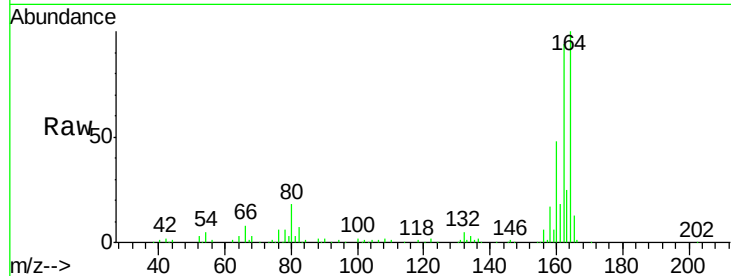




#56
 2,4-Dinitrotoluene
 Concen: 6.274 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035229.D
 Acq: 18 Jun 2018 21:46

Instrument :
 BNA_G
 ClientSampleId :
 PB110320BL

Tgt Ion:	165	Resp:	12956
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.4	66.9	100.3#
182	0.0	2.6	3.8#

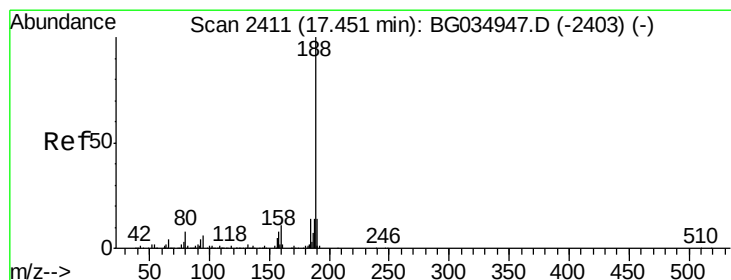
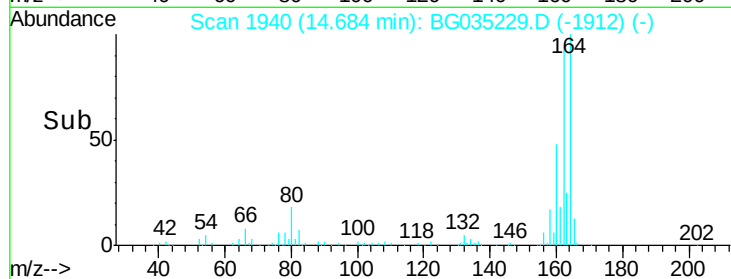
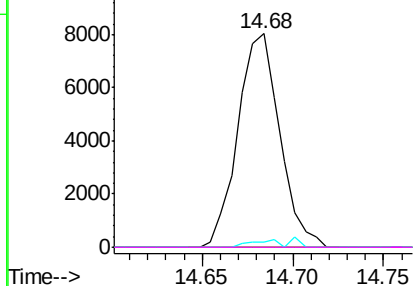


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

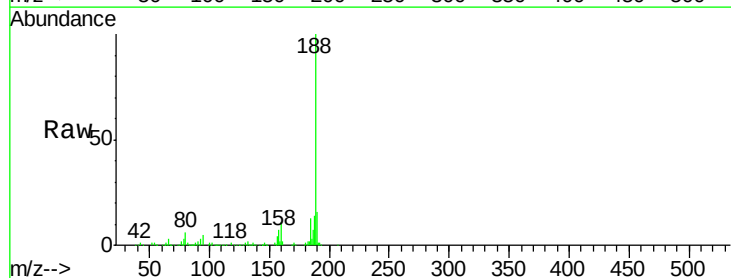
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035229.D
 Acq: 18 Jun 2018 21:46

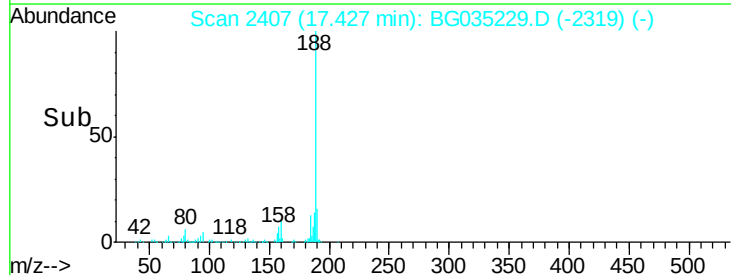
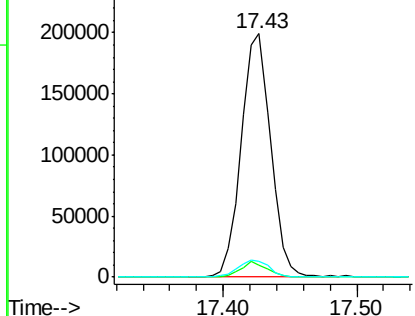
Tgt Ion:	188	Resp:	303096
Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	6.2	7.7	11.5#

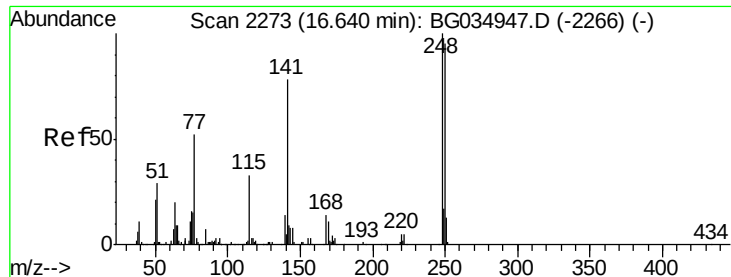


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

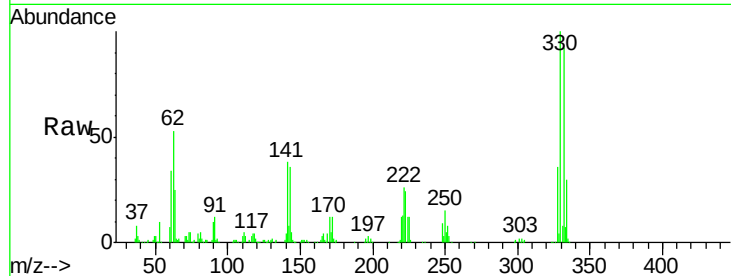




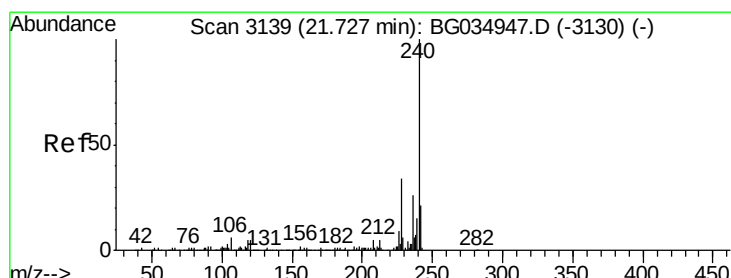
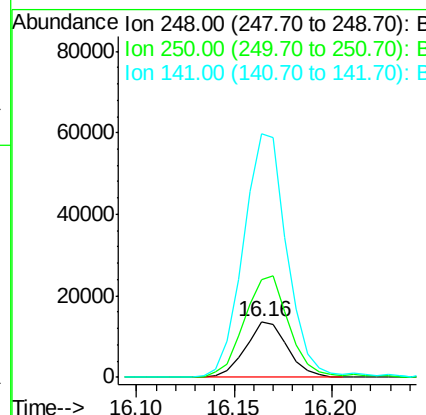
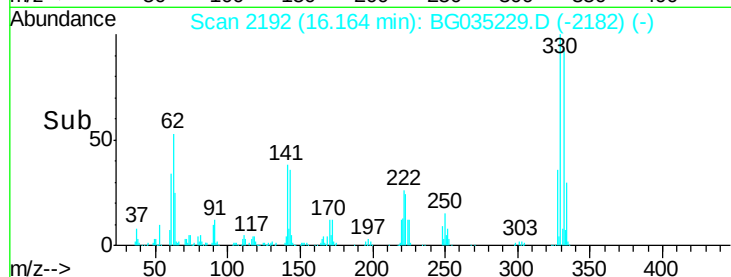
#66
 4-Bromophenyl-phenylether
 Concen: 5.517 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG035229.D
 Acq: 18 Jun 2018 21:46

Instrument :
 BNA_G
 ClientSampleId :
 PB110320BL

Tgt Ion:248 Resp: 20137
 Ion Ratio Lower Upper
 248 100
 250 175.3 77.1 115.7#
 141 434.9 50.8 76.2#

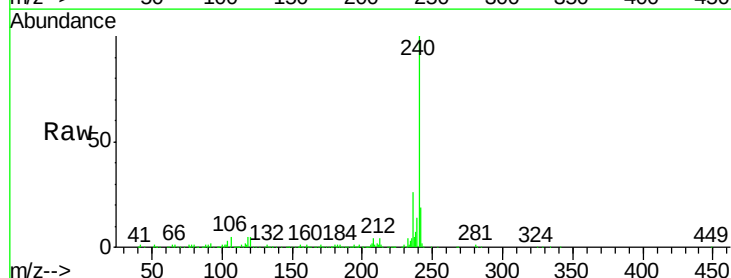


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

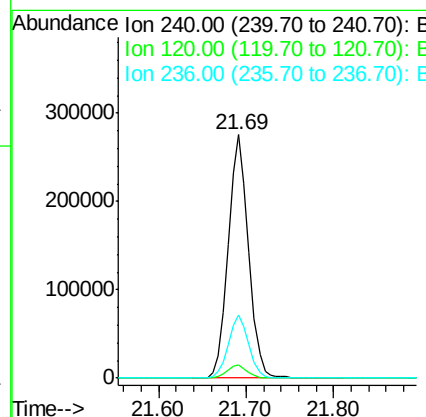
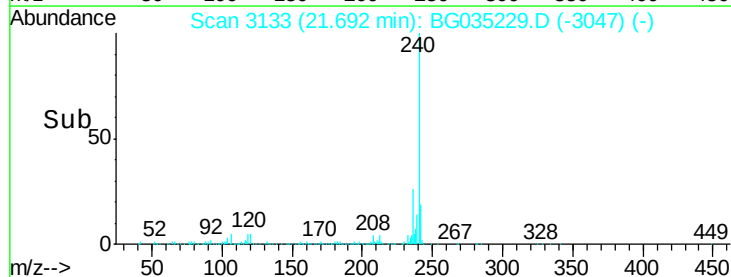


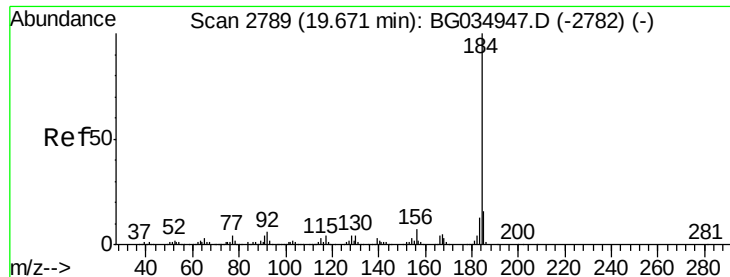
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG035229.D
 Acq: 18 Jun 2018 21:46

Tgt Ion:240 Resp: 438604
 Ion Ratio Lower Upper
 240 100
 120 5.4 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

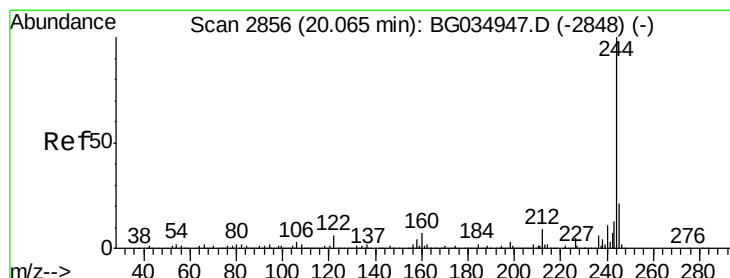
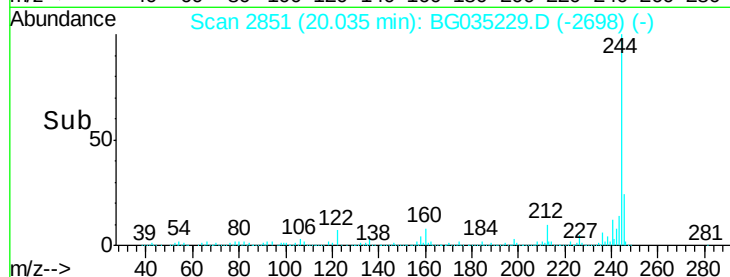
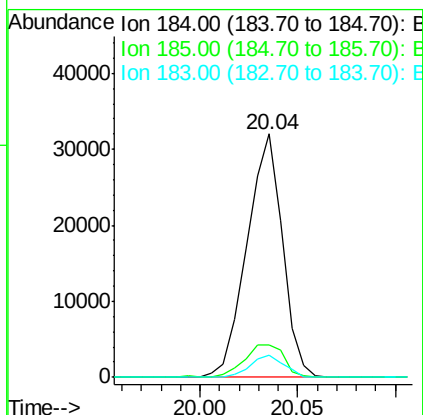
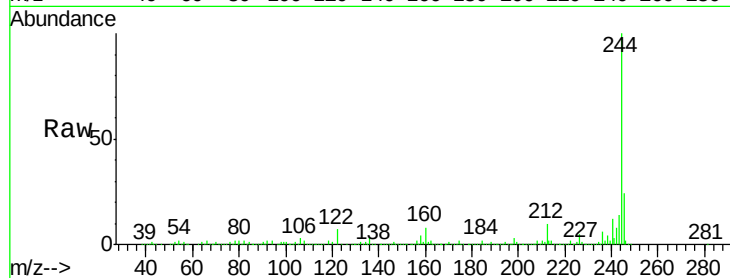




#76
Benzidine
Concen: 2.471 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.37 min
Lab File: BG035229.D
Acq: 18 Jun 2018 21:46

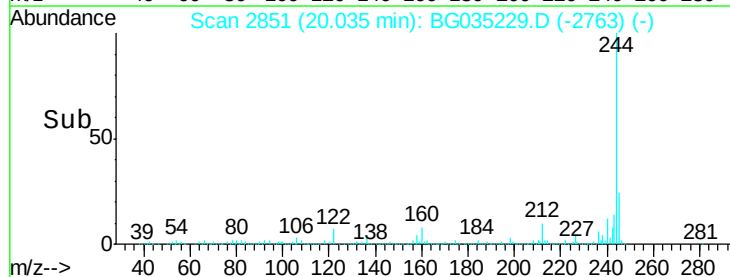
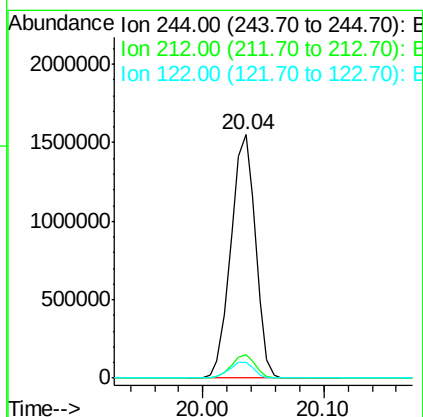
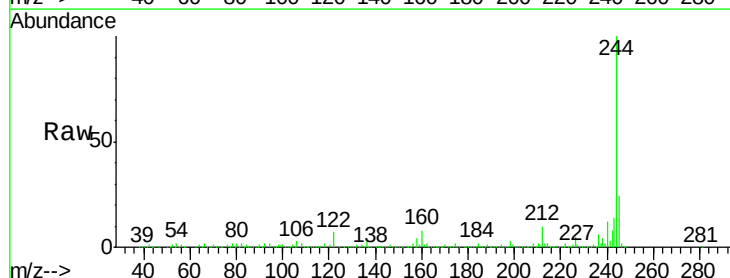
Instrument :
BNA_G
ClientSampleId :
PB110320BL

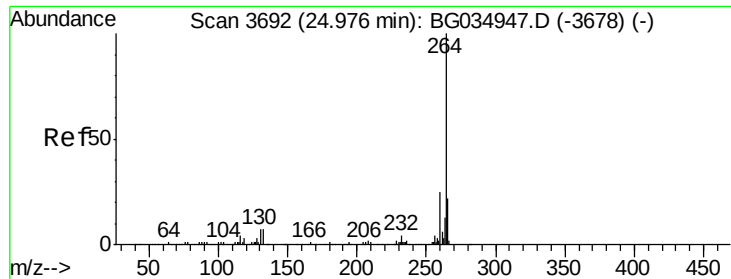
Tgt Ion:184 Resp: 40317
Ion Ratio Lower Upper
184 100
185 13.5 11.1 16.7
183 8.9 10.6 16.0#



#78
Terphenyl-d14
Concen: 105.119 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG035229.D
Acq: 18 Jun 2018 21:46

Tgt Ion:244 Resp: 2201082
Ion Ratio Lower Upper
244 100
212 9.6 5.8 8.8#
122 6.7 7.0 10.4#

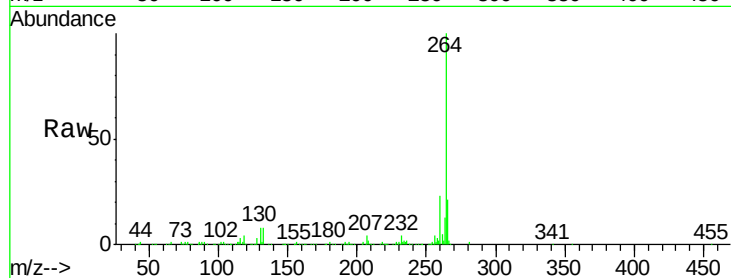




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035229.D
Acq: 18 Jun 2018 21:46

Instrument :
BNA_G
ClientSampleId :
PB110320BL

Tgt Ion: 264 Resp: 375852
Ion Ratio Lower Upper
264 100
260 23.0 17.4 26.0
265 20.8 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

