

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035316.D
 Acq On : 22 Jun 2018 3:06
 Operator : JU/SJ
 Sample : J3603-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 05:16:26 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

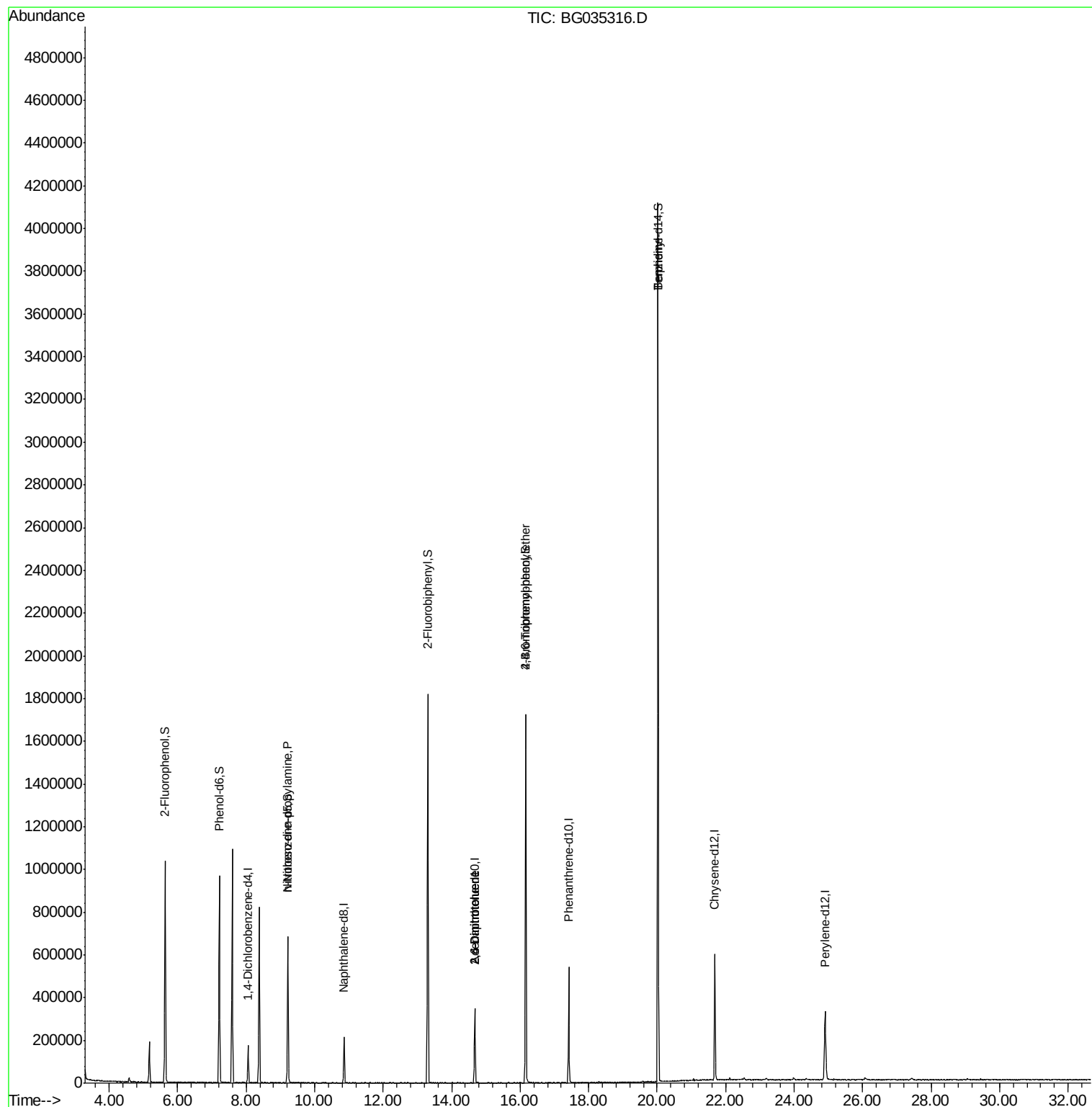
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50525	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	179819	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	121330	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	345471	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	391465	20.00	ng	-0.03
86) Perylene-d12	24.90	264	366049	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	453541	151.49	ng	0.00
7) Phenol-d6	7.21	99	589155	133.33	ng	0.00
23) Nitrobenzene-d5	9.22	82	455762	120.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	324422	208.88	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	976298	104.61	ng	-0.03
78) Terphenyl-d14	20.03	244	1952667	104.48	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	60937	16.232	ng	# 67
50) 2,6-Dinitrotoluene	14.68	165	17370	8.999	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	17370	6.774	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	25697	6.177	ng	# 1
76) Benzidine	20.03	184	33521	2.302	ng	# 89

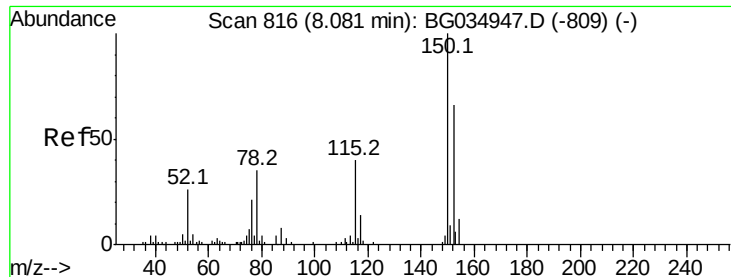
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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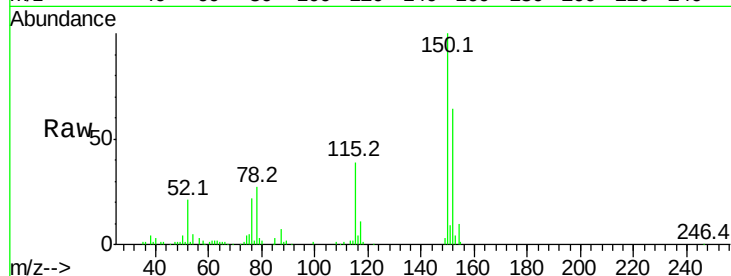


#1

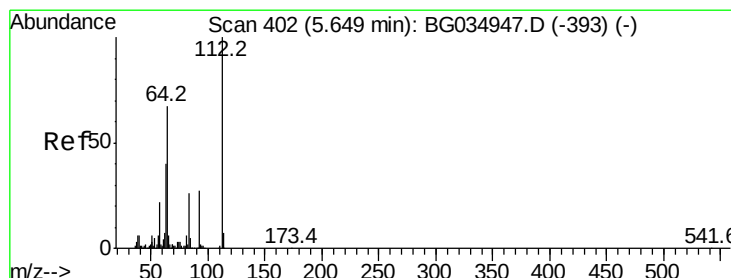
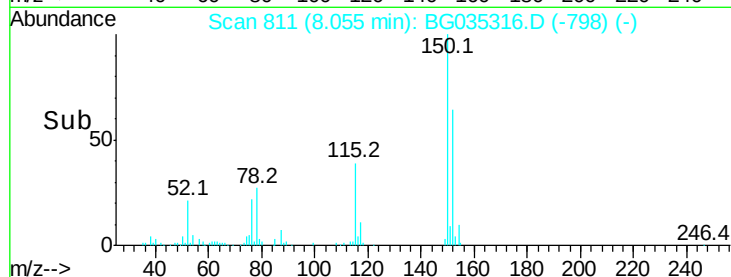
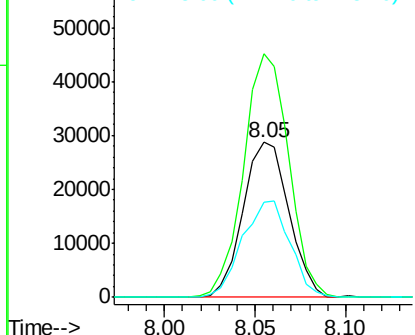
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035316.D
Acq: 22 Jun 2018 3:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50525
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 61.2 53.0 79.4



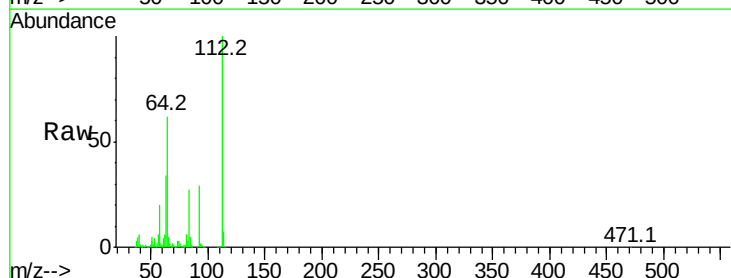
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



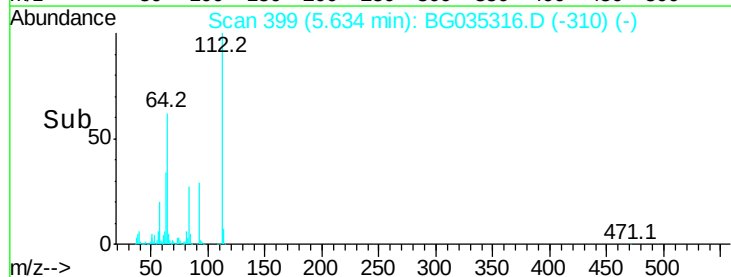
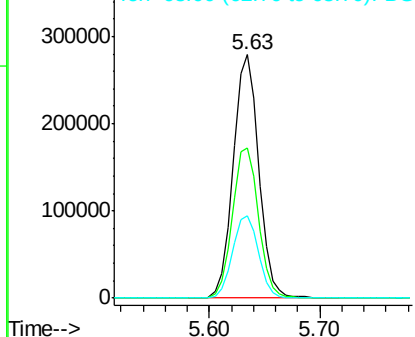
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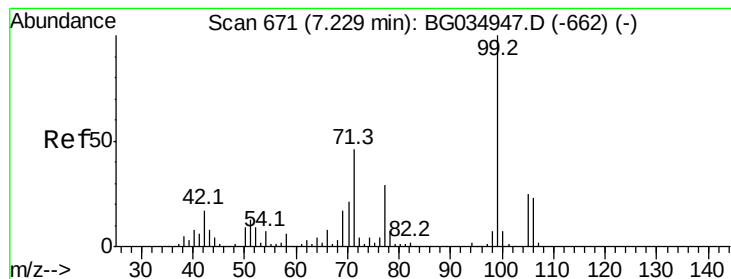
2-Fluorophenol
Concen: 151.489 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035316.D
Acq: 22 Jun 2018 3:06

Tgt Ion:112 Resp: 453541
Ion Ratio Lower Upper
112 100
64 61.9 56.3 84.5
63 33.8 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: 133.329 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035316.D

Acq: 22 Jun 2018 3:06

Instrument :

BNA_G

ClientSampleId :

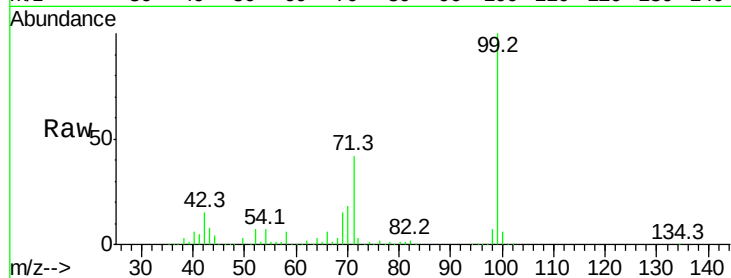
Tot Ion: 99 Resp: 589155

Ion Ratio Lower Upper

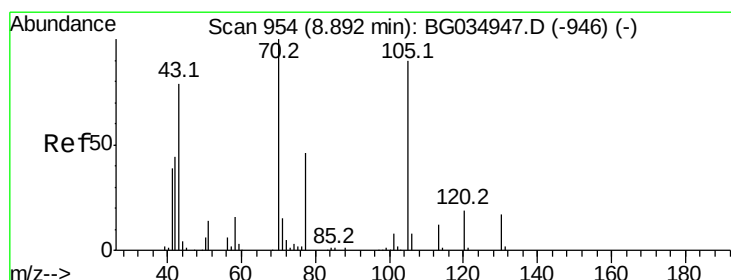
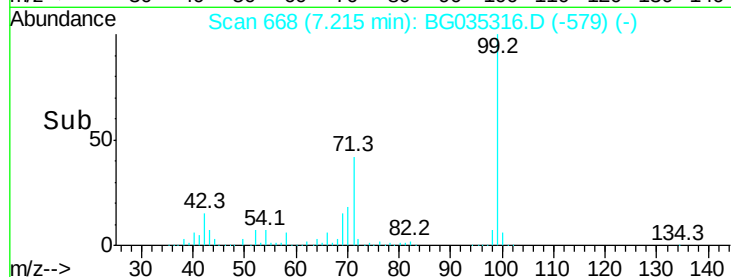
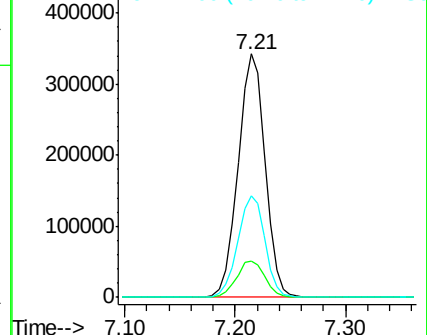
99 100

42 14.9 14.1 21.1

71 41.8 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: 16.232 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG035316.D

Acq: 22 Jun 2018 3:06

Tgt Ion: 70 Resp: 60937

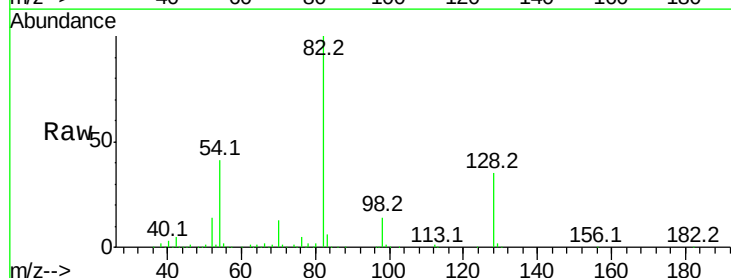
Ion Ratio Lower Upper

70 100

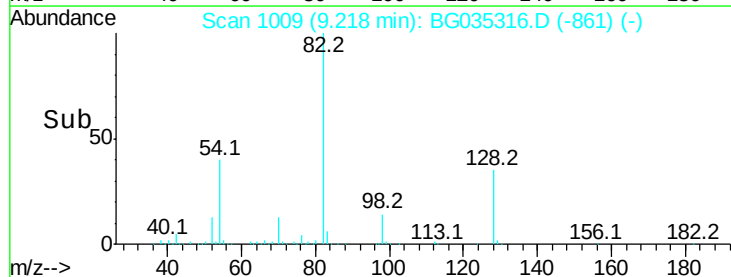
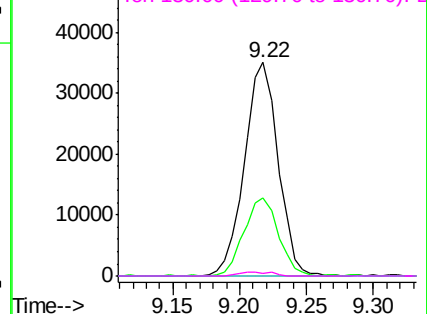
42 36.4 49.1 73.7#

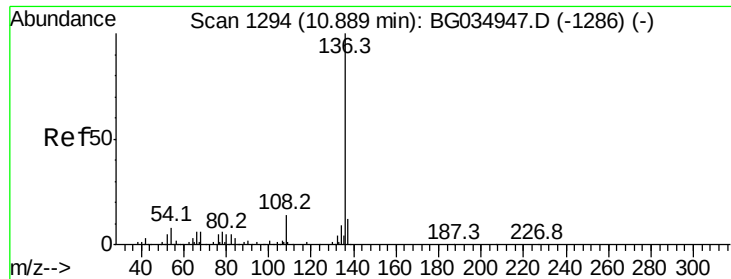
101 0.0 8.5 12.7#

130 1.3 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

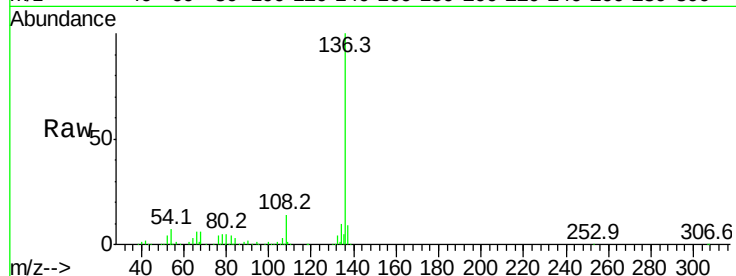




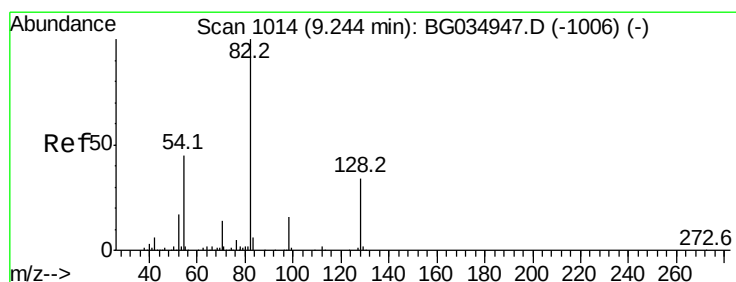
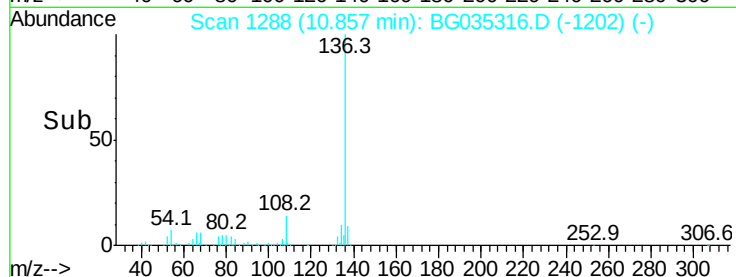
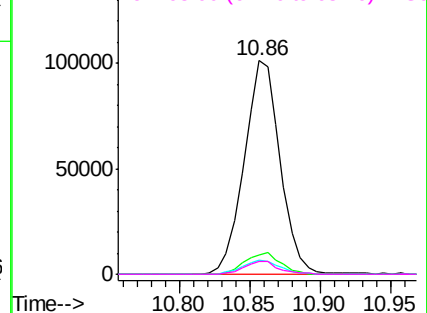
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035316.D
Acq: 22 Jun 2018 3:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	179819
Ion	Ratio	Lower	Upper
136	100		
137	9.1	9.2	13.8#
54	6.7	10.3	15.5#
68	6.0	4.5	6.7

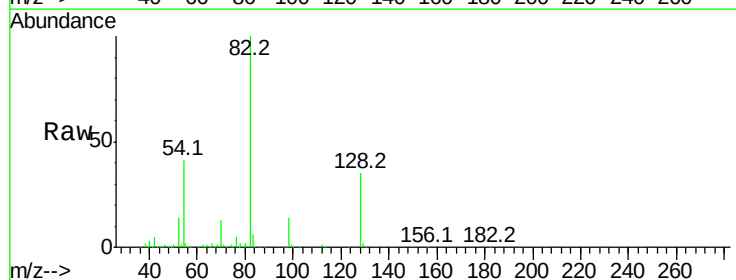


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

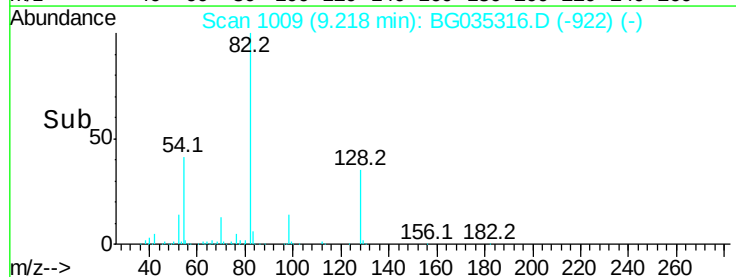
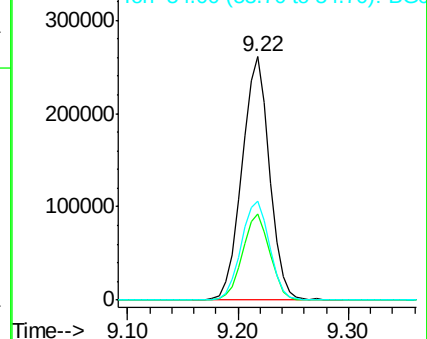


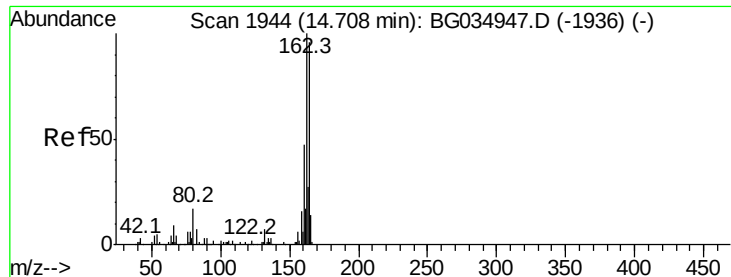
#23
Nitrobenzene-d5
Concen: 120.479 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035316.D
Acq: 22 Jun 2018 3:06

Tgt Ion:	82	Resp:	455762
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	40.6	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

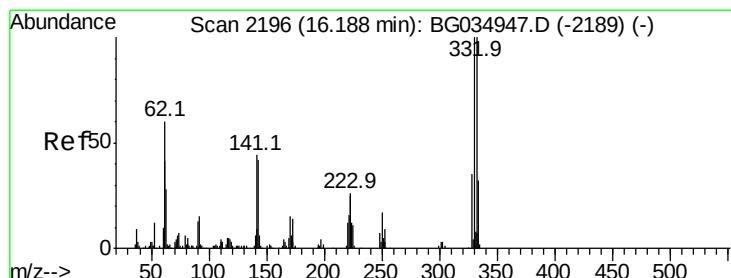
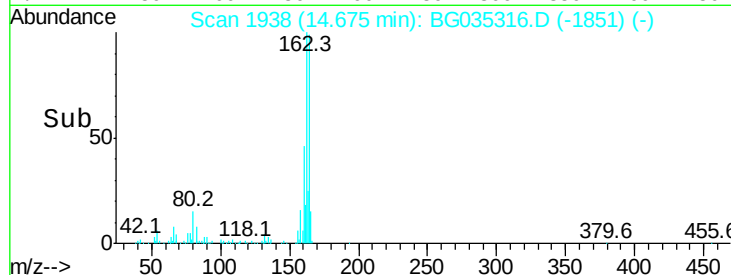
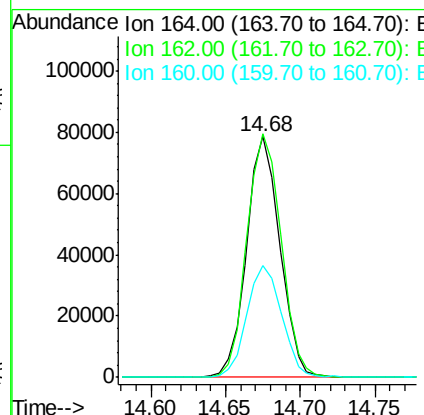
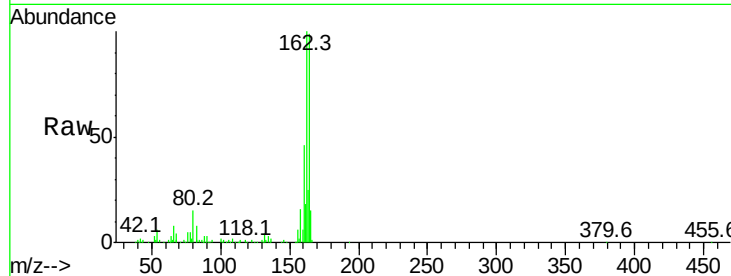




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035316.D
Acq: 22 Jun 2018 3:06

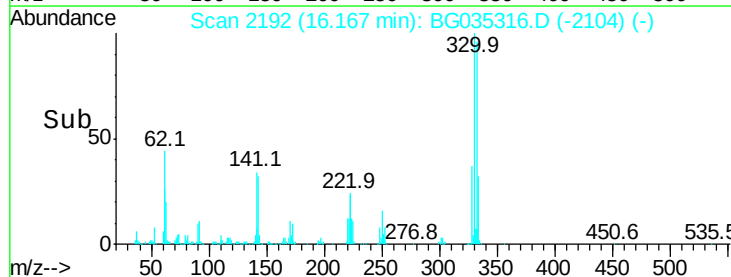
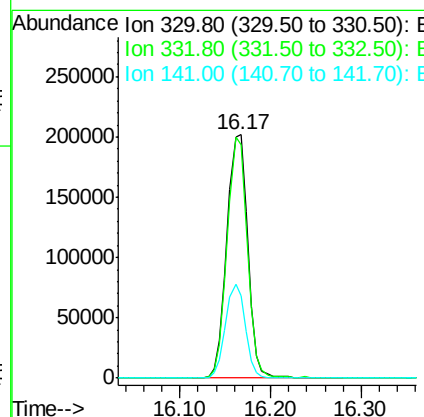
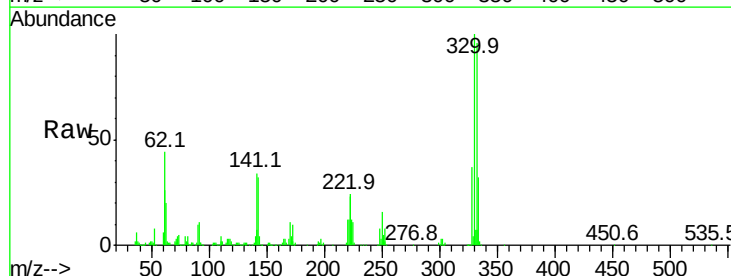
Instrument :
BNA_G
ClientSampleId :

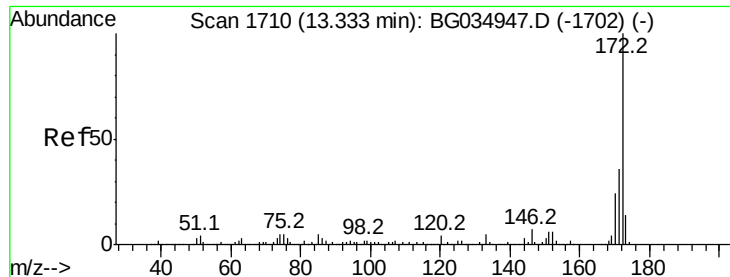
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	46.7	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 208.876 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035316.D
Acq: 22 Jun 2018 3:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	36.4	25.2	37.8

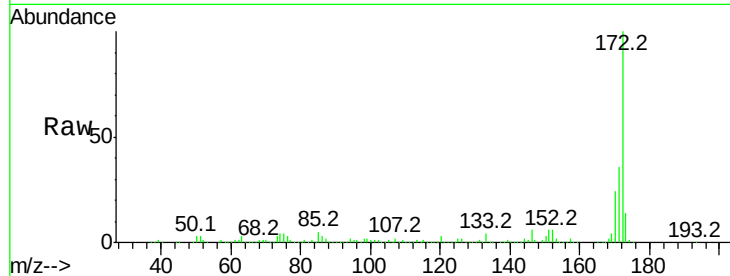




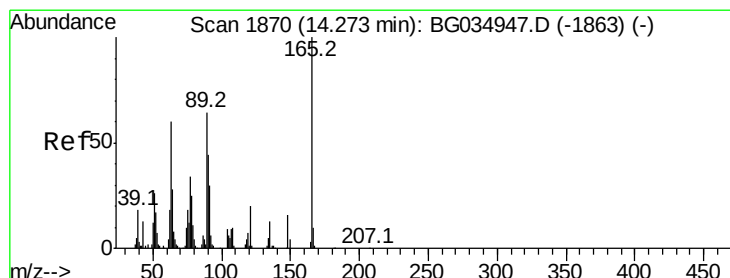
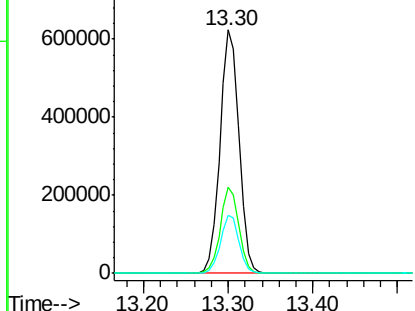
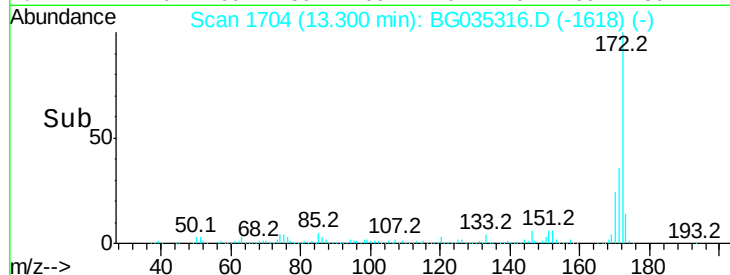
#44
 2-Fluorobiphenyl
 Concen: 104.606 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035316.D
 Acq: 22 Jun 2018 3:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	23.7	19.5	29.3

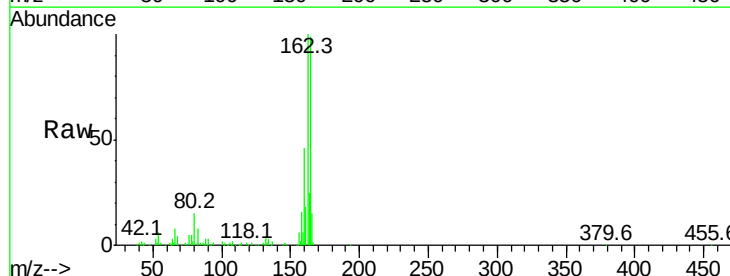


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

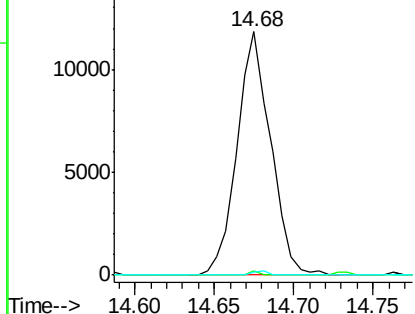
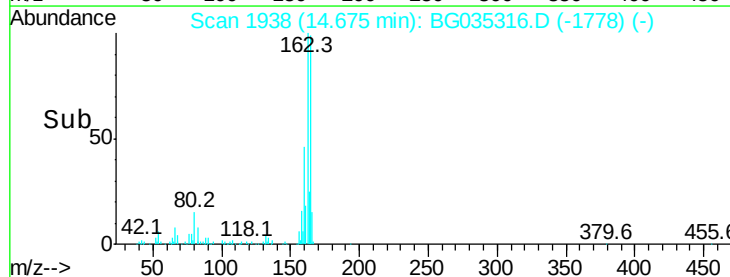


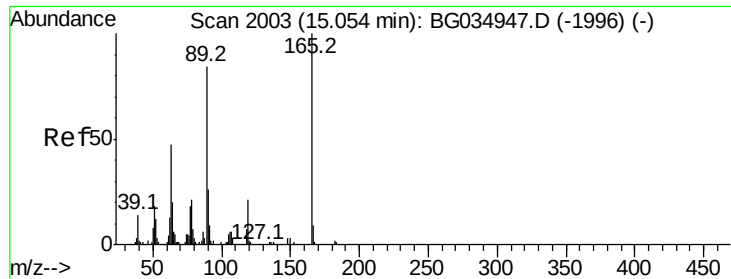
#50
 2,6-Dinitrotoluene
 Concen: 8.999 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.41 min
 Lab File: BG035316.D
 Acq: 22 Jun 2018 3:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.7	79.1#
89	1.4	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

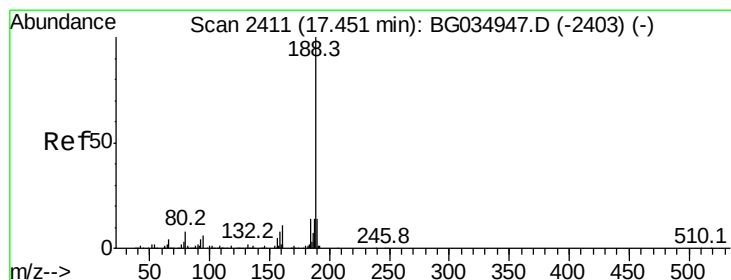
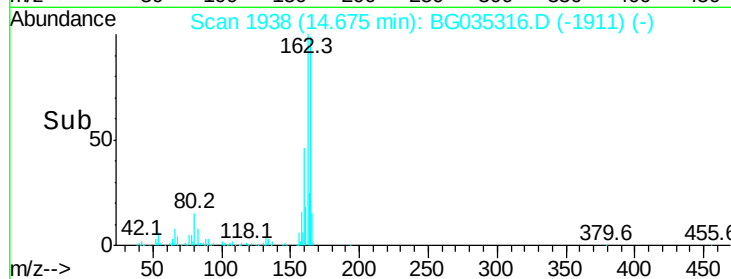
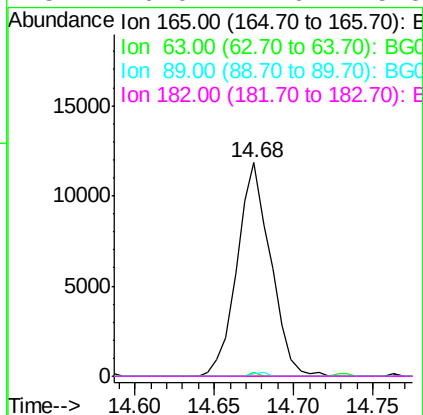
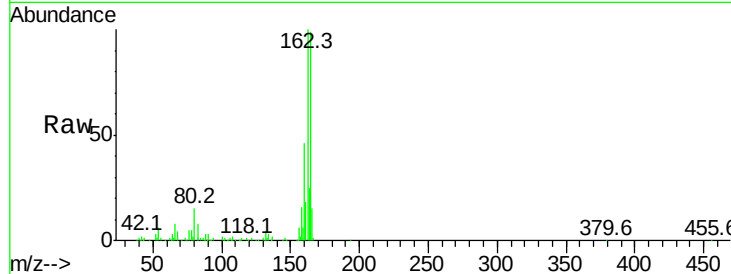




#56
 2,4-Dinitrotoluene
 Concen: 6.774 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.37 min
 Lab File: BG035316.D
 Acq: 22 Jun 2018 3:06

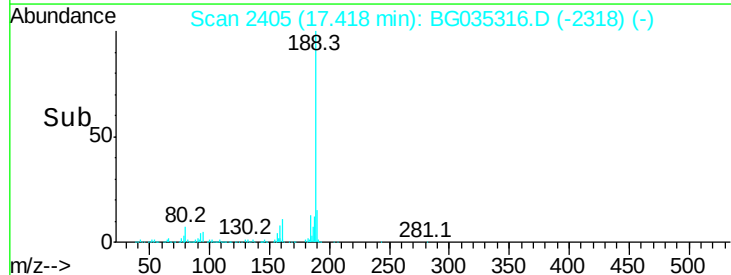
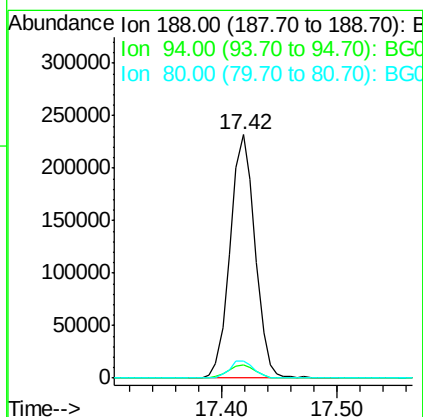
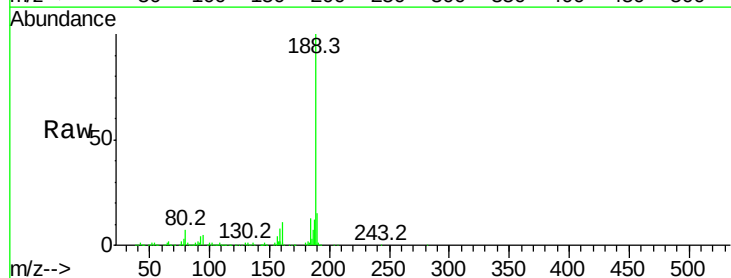
Instrument :
 BNA_G
 ClientSampleId :

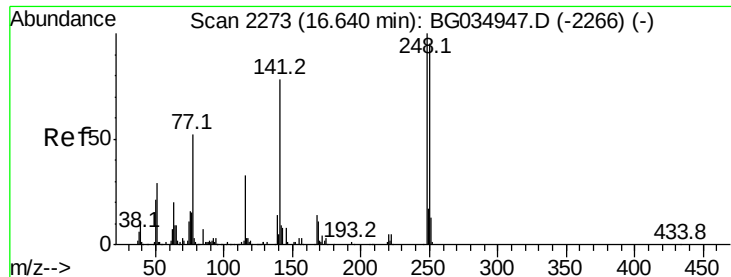
Tot Ion:165 Resp: 17370
 Ion Ratio Lower Upper
 165 100
 63 1.8 42.0 63.0#
 89 1.4 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035316.D
 Acq: 22 Jun 2018 3:06

Tgt Ion:188 Resp: 345471
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 7.1 7.7 11.5#

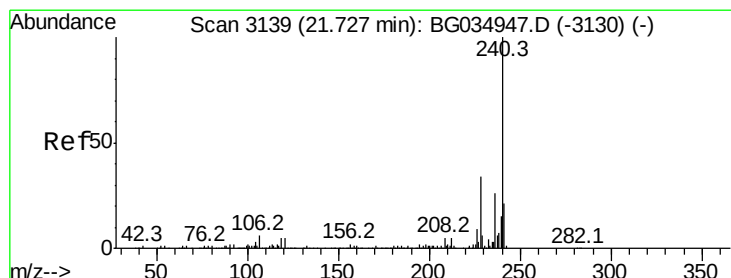
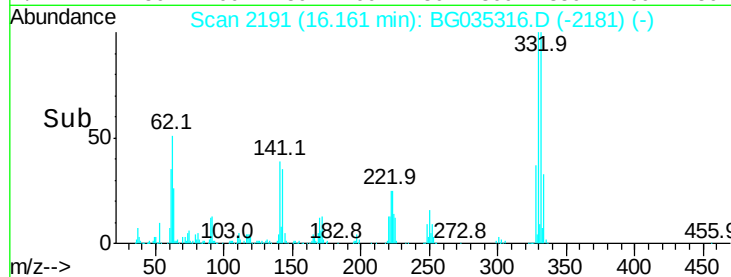
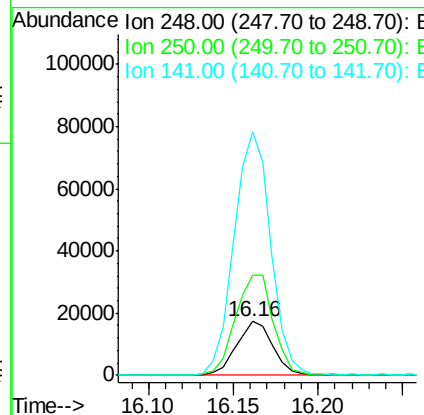
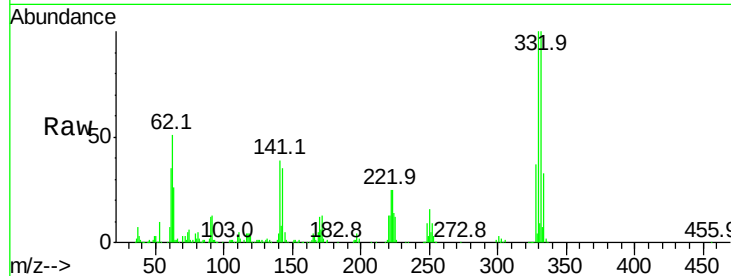




#66
 4-Bromophenyl-phenylether
 Concen: 6.177 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.47 min
 Lab File: BG035316.D
 Acq: 22 Jun 2018 3:06

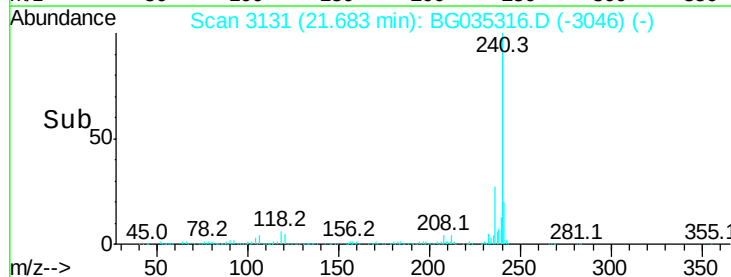
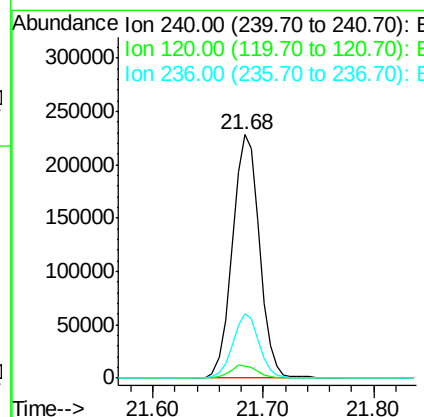
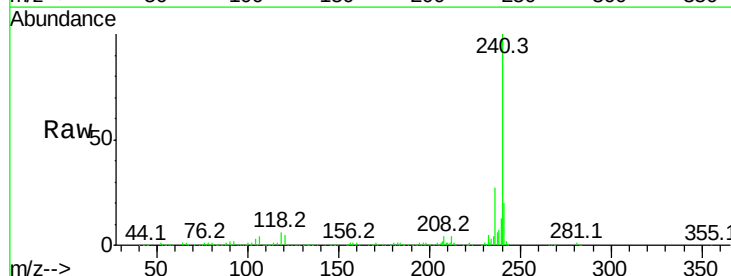
Instrument :
 BNA_G
 ClientSampled :

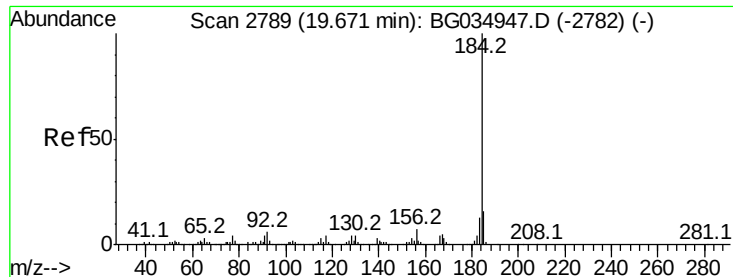
Tot Ion:248 Resp: 25697
 Ion Ratio Lower Upper
 248 100
 250 186.4 77.1 115.7#
 141 453.0 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.03 min
 Lab File: BG035316.D
 Acq: 22 Jun 2018 3:06

Tgt Ion:240 Resp: 391465
 Ion Ratio Lower Upper
 240 100
 120 5.1 6.8 10.2#
 236 26.7 20.9 31.3

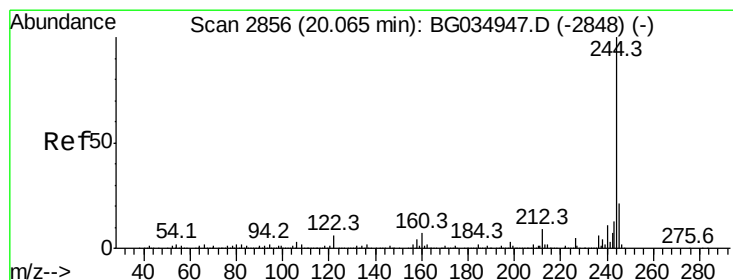
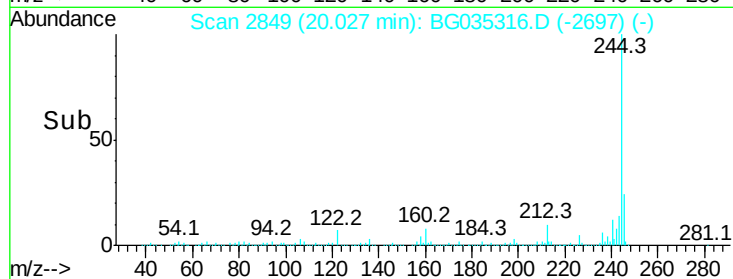
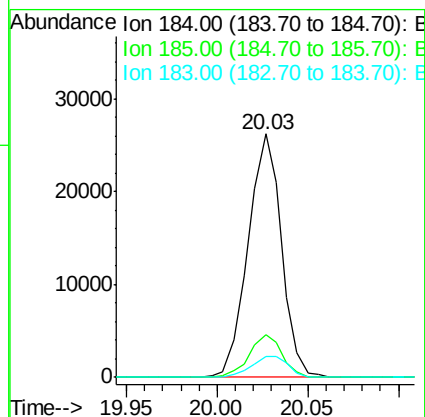
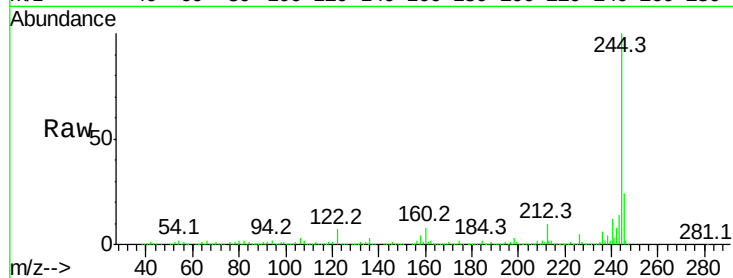




#76
Benzidine
Concen: 2.302 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035316.D
Acq: 22 Jun 2018 3:06

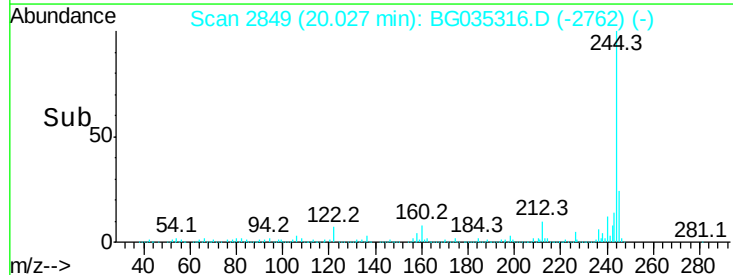
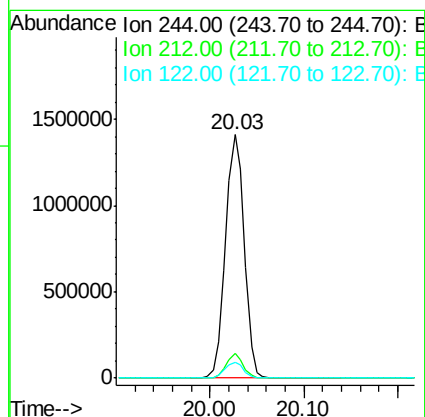
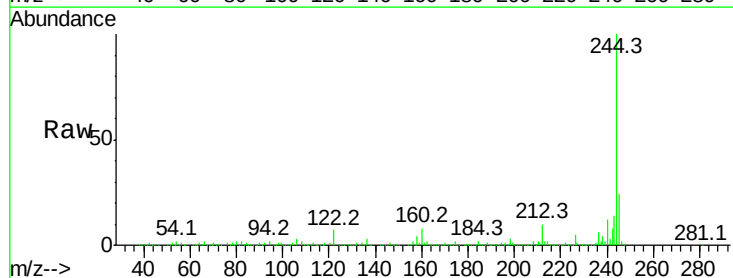
Instrument :
BNA_G
ClientSampleId :

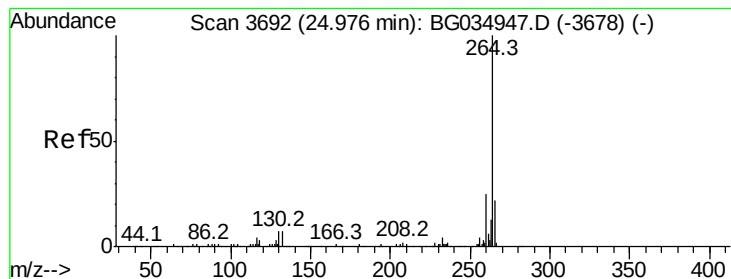
Tot Ion:184 Resp: 33521
Ion Ratio Lower Upper
184 100
185 17.7 11.1 16.7#
183 8.4 10.6 16.0#



#78
Terphenyl-d14
Concen: 104.484 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035316.D
Acq: 22 Jun 2018 3:06

Tgt Ion:244 Resp: 1952667
Ion Ratio Lower Upper
244 100
212 10.0 5.8 8.8#
122 6.5 7.0 10.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035316.D

Acq: 22 Jun 2018 3:06

Instrument :

BNA_G

ClientSampleId :

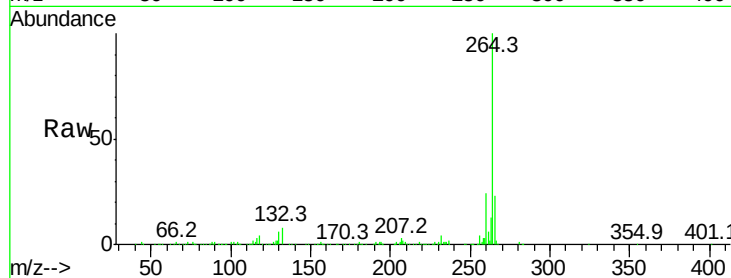
Tot Ion:264 Resp: 366049

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.9 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

