

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035486.D
 Acq On : 28 Jun 2018 20:16
 Operator : JU/SJ
 Sample : J3715-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-SIDEWALK-CON

Quant Time: Jun 29 02:37:50 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

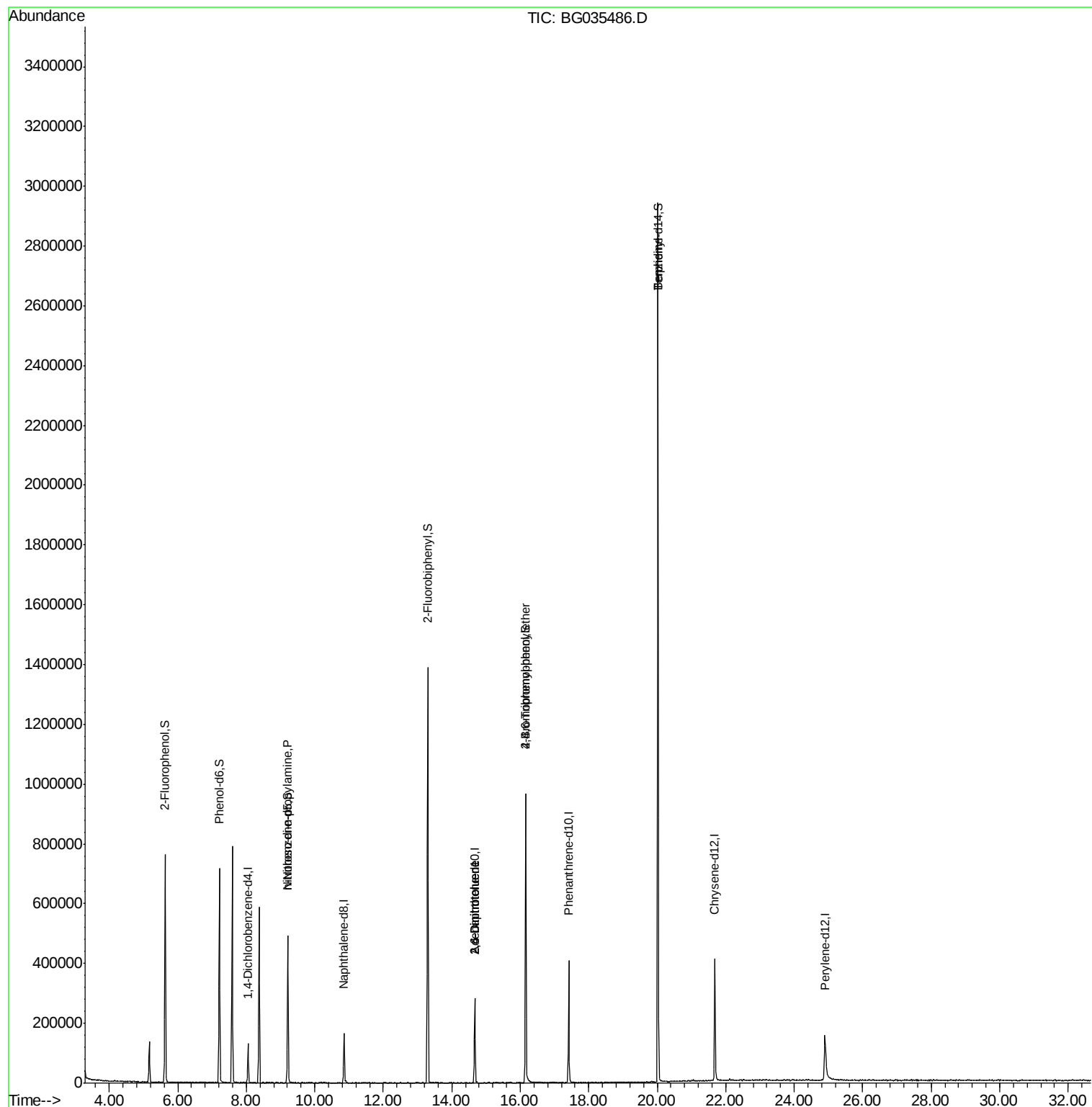
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38806	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	136992	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	96047	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	259294	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	284332	20.00	ng	-0.04
86) Perylene-d12	24.90	264	237768	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	324241	141.01	ng	-0.01
7) Phenol-d6	7.22	99	447828	131.95	ng	0.00
23) Nitrobenzene-d5	9.22	82	333054	115.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	192793	156.80	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	761038	103.01	ng	-0.03
78) Terphenyl-d14	20.02	244	1441209	106.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	45986	15.949	ng	# 68
50) 2,6-Dinitrotoluene	14.67	165	12782	8.365	ng	# 18
56) 2,4-Dinitrotoluene	14.67	165	12782	6.297	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	14415	4.616	ng	# 1
76) Benzidine	20.02	184	23158	2.189	ng	# 88

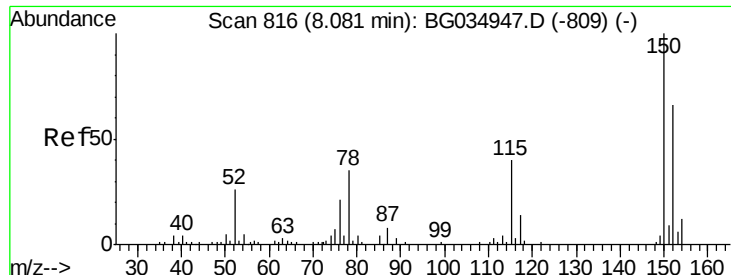
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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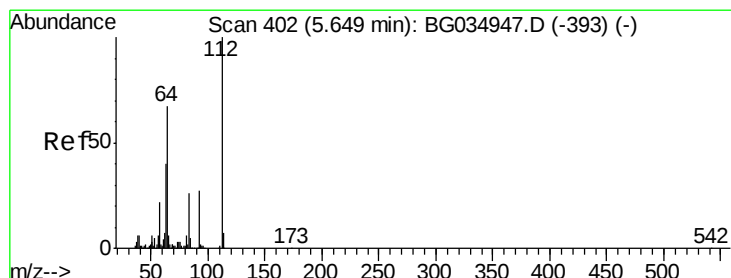
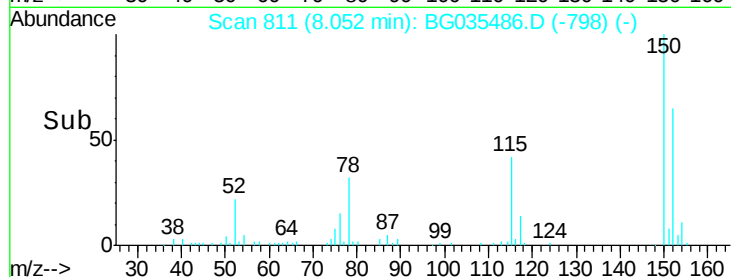
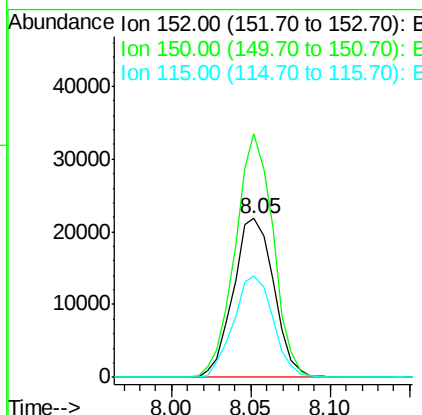
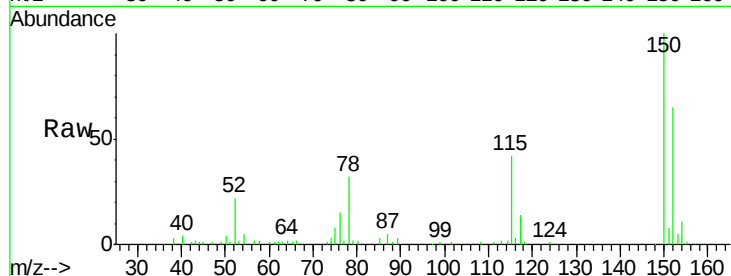


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035486.D
Acq: 28 Jun 2018 20:16

Instrument :
BNA_G
ClientSampleId :
SS-SIDEWALK-CON

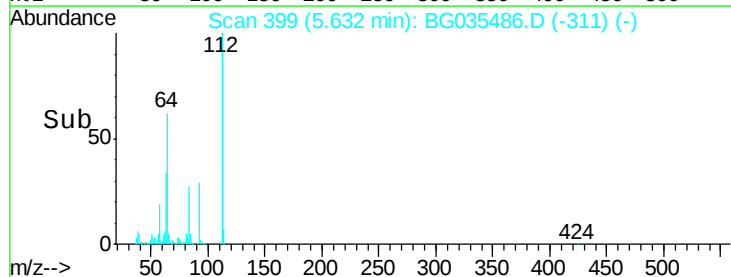
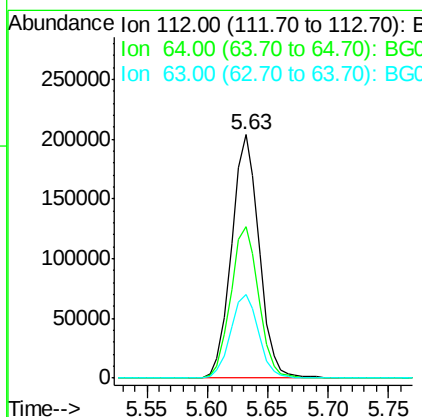
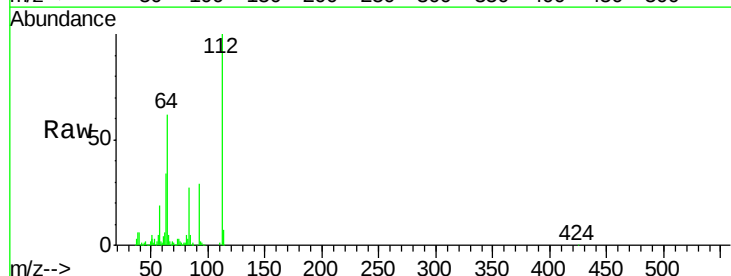
Tgt Ion:152 Resp: 38806
Ion Ratio Lower Upper
152 100
150 153.5 126.6 189.8
115 64.2 53.0 79.4

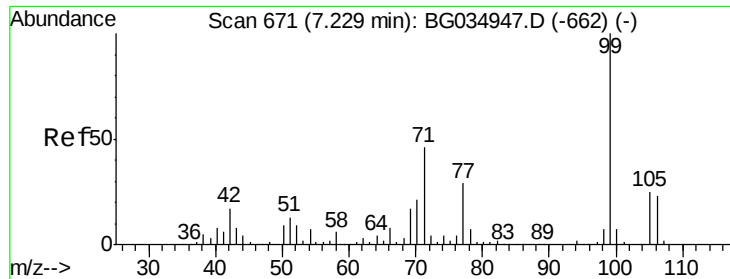


#5

2-Fluorophenol
Concen: 141.007 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035486.D
Acq: 28 Jun 2018 20:16

Tgt Ion:112 Resp: 324241
Ion Ratio Lower Upper
112 100
64 62.2 56.3 84.5
63 34.5 30.1 45.1





#7

Phenol-d6

Concen: 131.952 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035486.D

Acq: 28 Jun 2018 20:16

Instrument :

BNA_G

ClientSampleId :

SS-SIDEWALK-CON

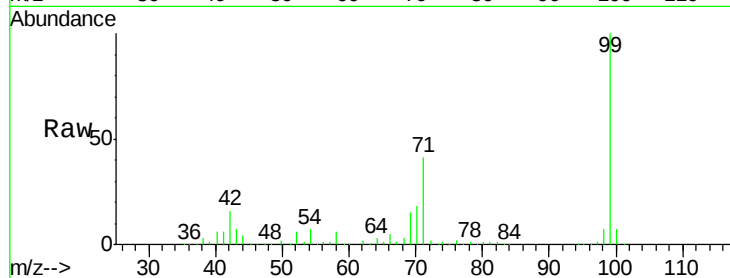
Tgt Ion: 99 Resp: 447828

Ion Ratio Lower Upper

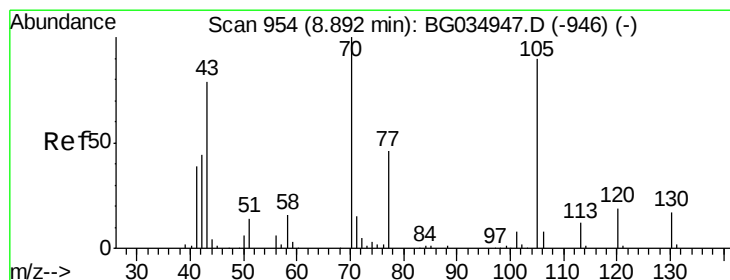
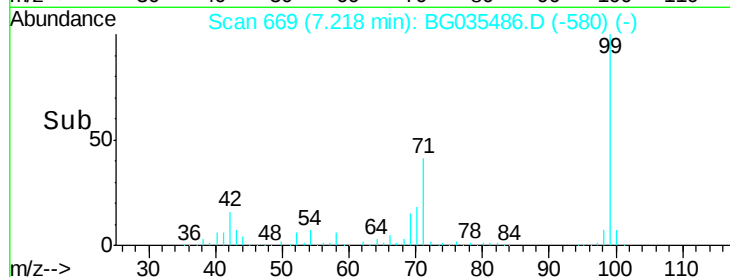
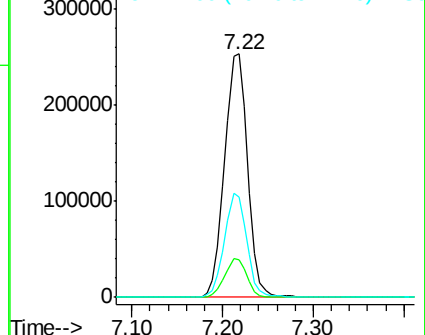
99 100

42 15.6 14.1 21.1

71 41.1 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: 15.949 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035486.D

Acq: 28 Jun 2018 20:16

Tgt Ion: 70 Resp: 45986

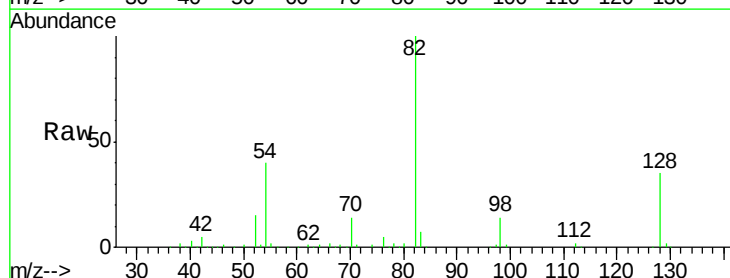
Ion Ratio Lower Upper

70 100

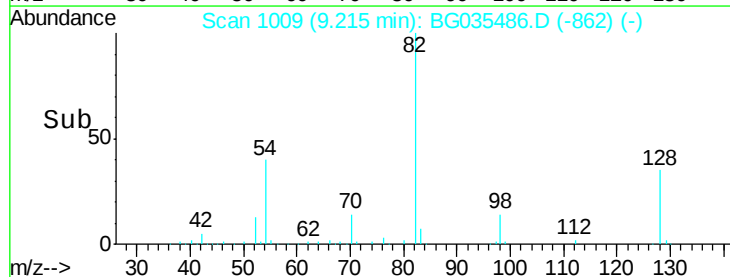
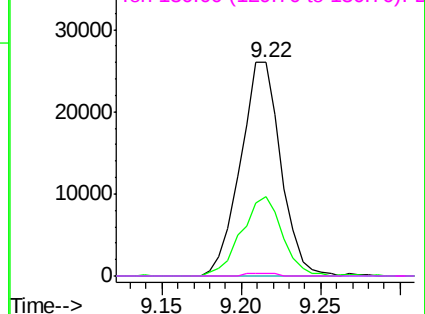
42 37.0 49.1 73.7#

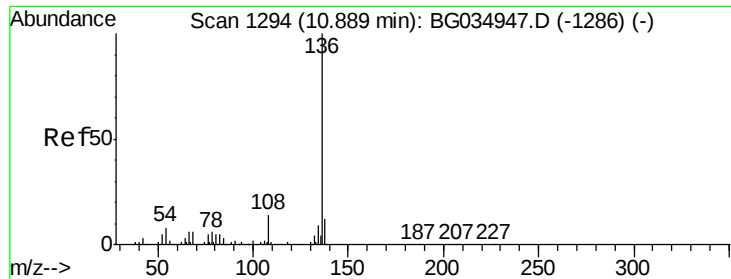
101 0.0 8.5 12.7#

130 1.1 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

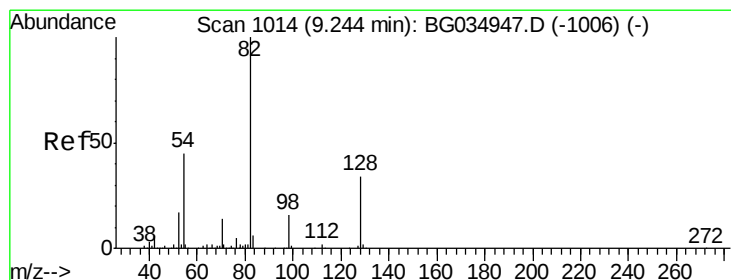
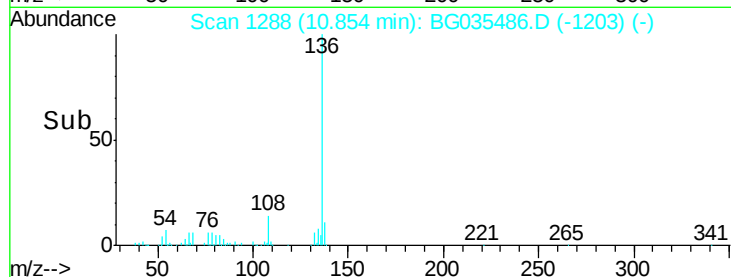
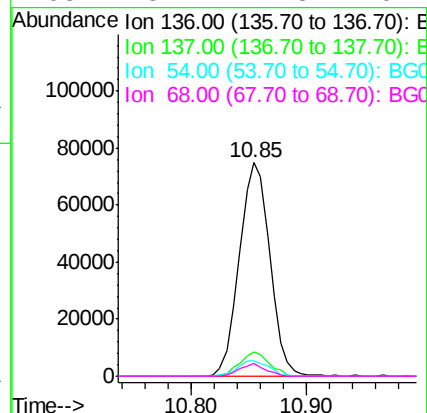
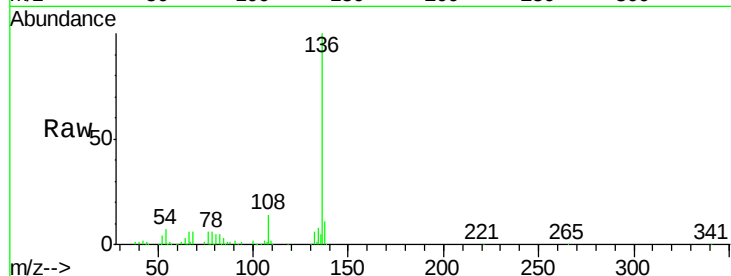




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035486.D
Acq: 28 Jun 2018 20:16

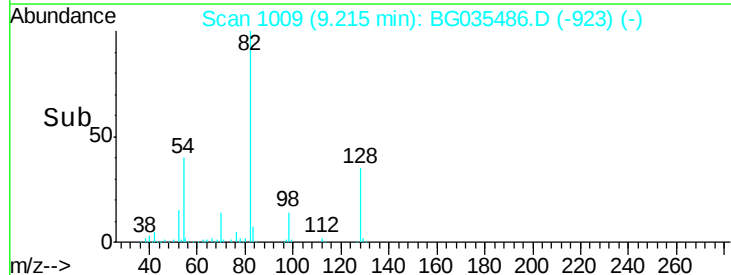
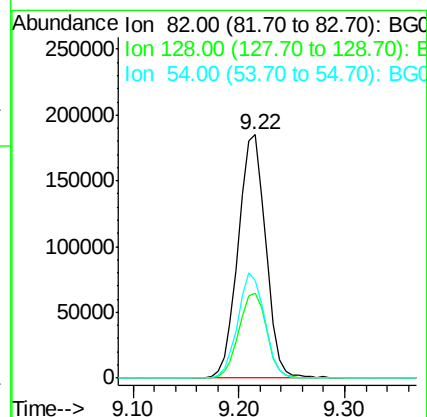
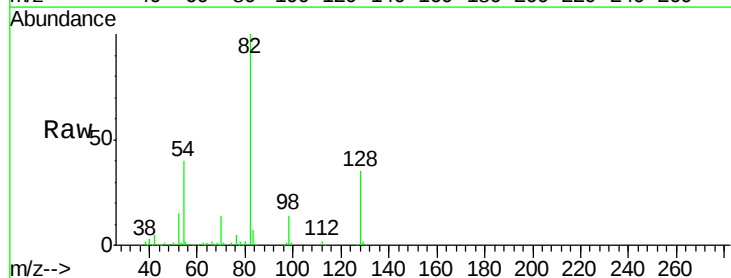
Instrument :
BNA_G
ClientSampleId :
SS-SIDEWALK-CON

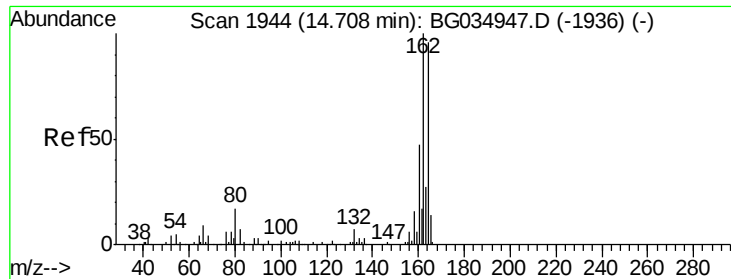
Tgt Ion:	136	Resp:	136992
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.3	10.3	15.5#
68	5.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 115.565 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035486.D
Acq: 28 Jun 2018 20:16

Tgt Ion:	82	Resp:	333054
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	40.3	43.1	64.7#

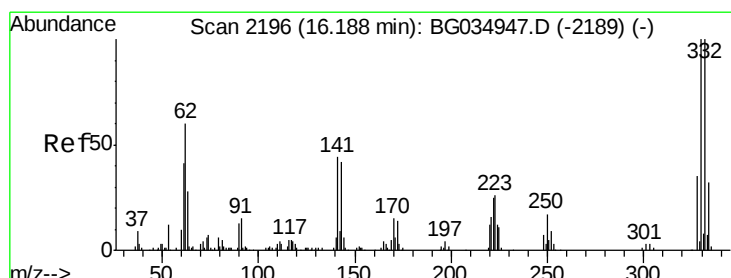
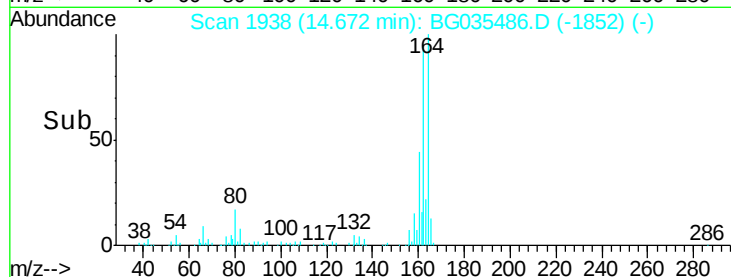
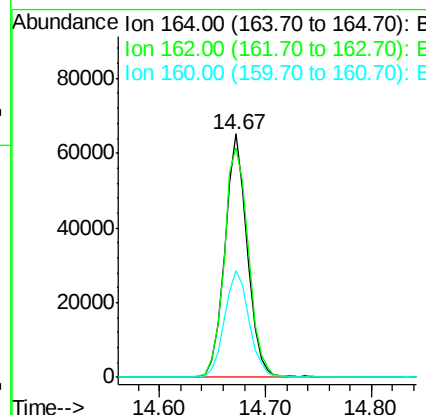
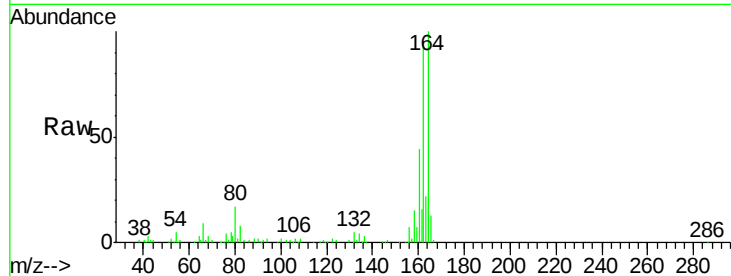




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035486.D
 Acq: 28 Jun 2018 20:16

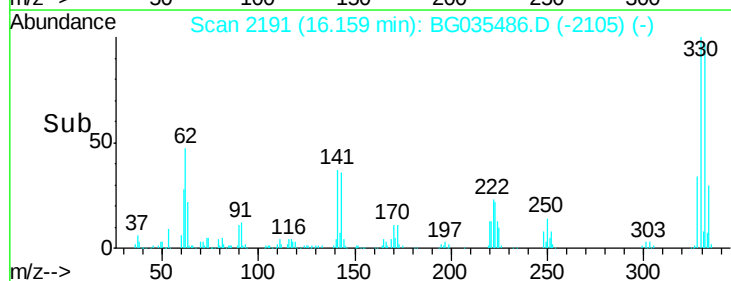
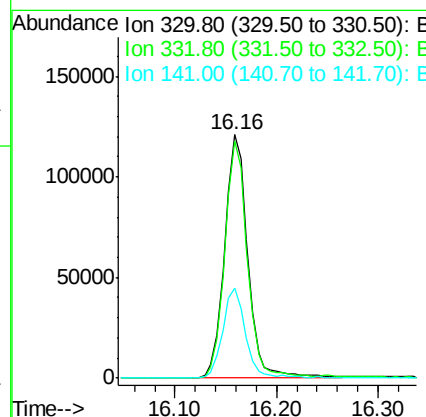
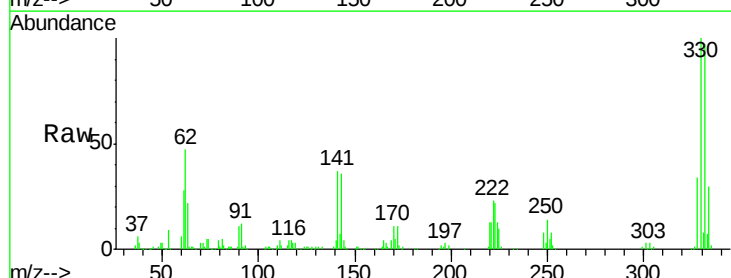
Instrument :
 BNA_G
 ClientSampleId :
 SS-SIDEWALK-CON

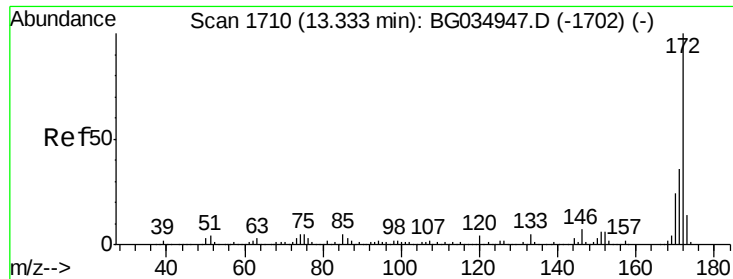
Tgt Ion:164 Resp: 96047
 Ion Ratio Lower Upper
 164 100
 162 94.5 78.8 118.2
 160 43.6 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 156.803 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035486.D
 Acq: 28 Jun 2018 20:16

Tgt Ion:330 Resp: 192793
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 36.1 25.2 37.8

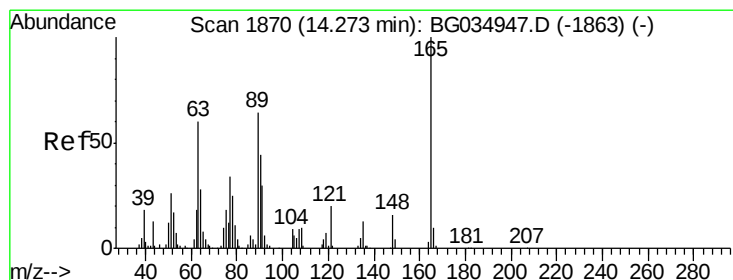
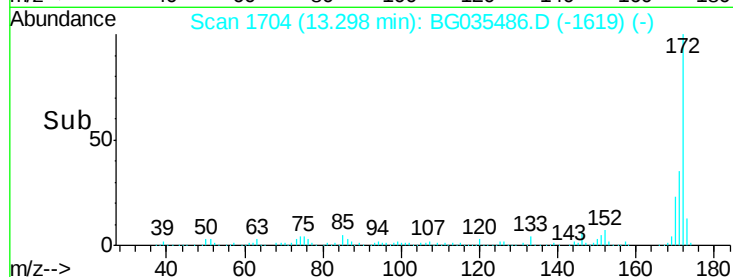
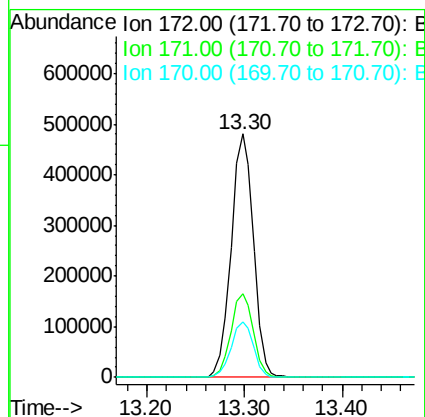
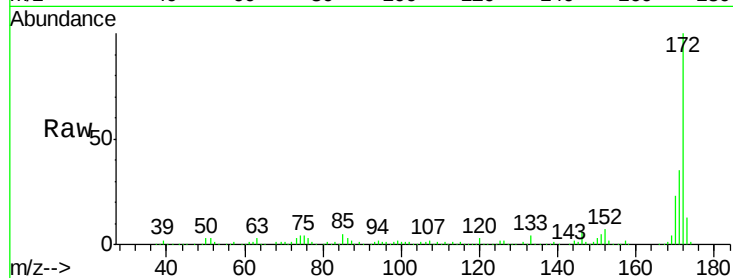




#44
 2-Fluorobiphenyl
 Concen: 103.007 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035486.D
 Acq: 28 Jun 2018 20:16

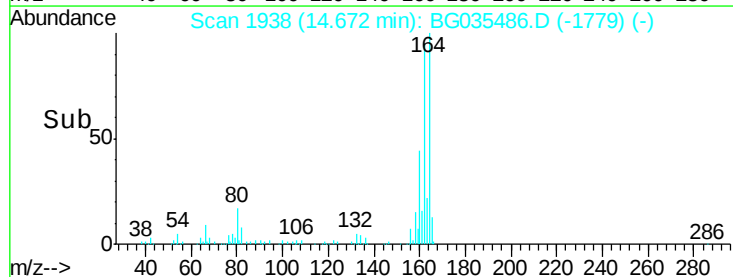
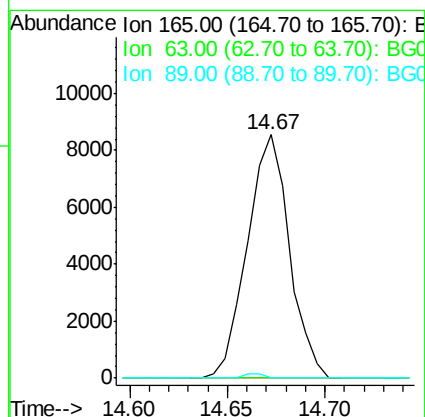
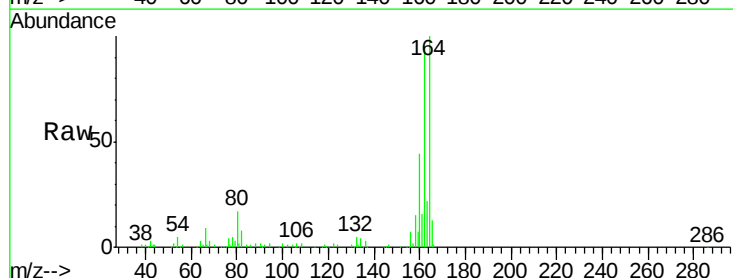
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 BNA_G
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 SS-SIDEWALK-CON

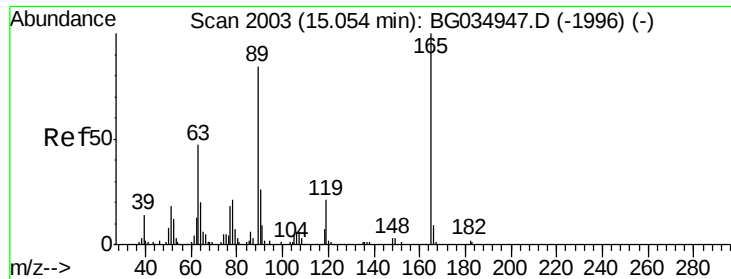
Tgt Ion:172 Resp: 761038
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 22.7 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.365 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.40 min
 Lab File: BG035486.D
 Acq: 28 Jun 2018 20:16

Tgt Ion:165 Resp: 12782
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

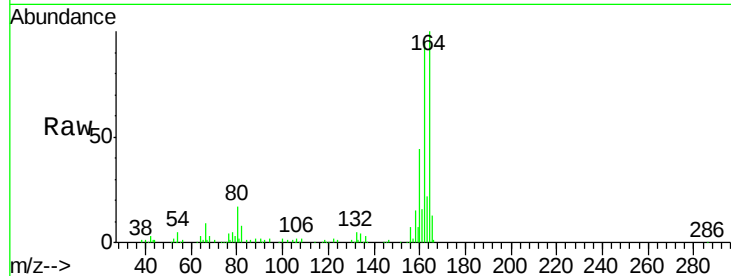




#56
 2,4-Dinitrotoluene
 Concen: 6.297 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035486.D
 Acq: 28 Jun 2018 20:16

Instrument :
 BNA_G
 ClientSampleId :
 SS-SIDEWALK-CON

Tgt Ion:	165	Resp:	12782
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

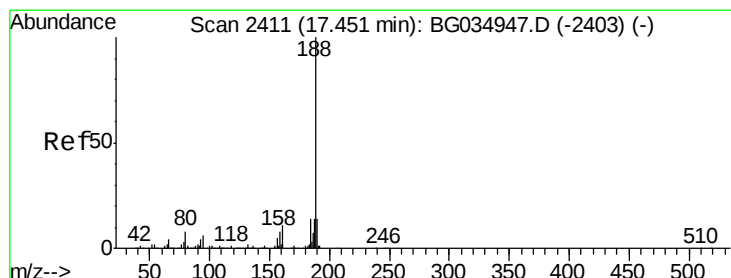
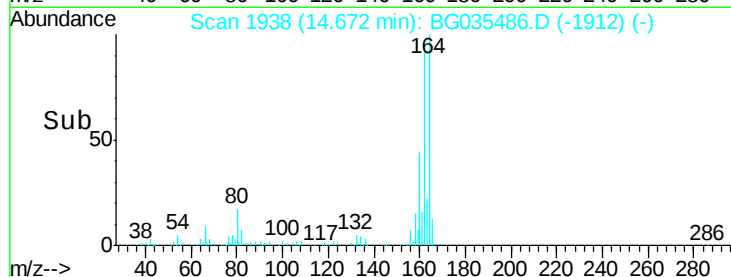
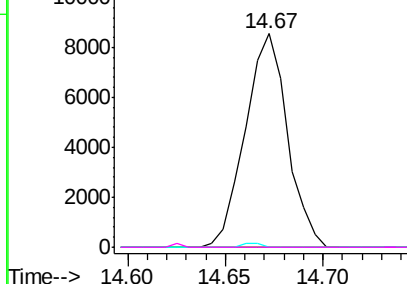


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

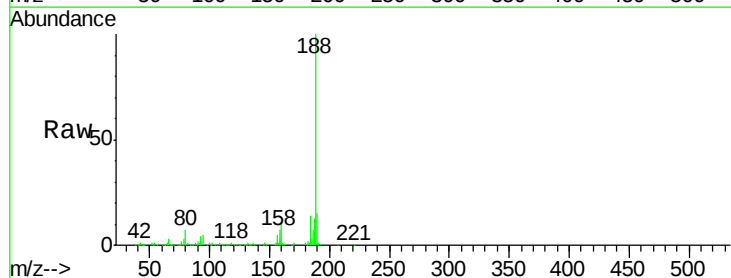
Ion 89.00 (88.70 to 89.70): BGC

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: BG035486.D
 Acq: 28 Jun 2018 20:16

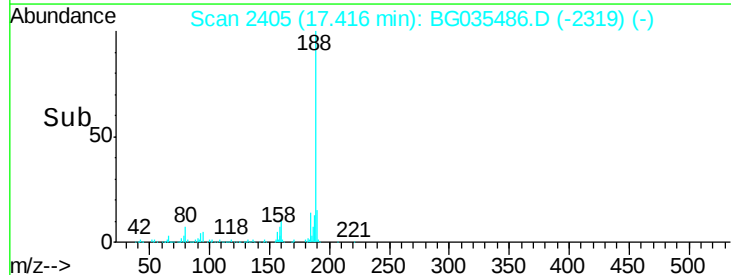
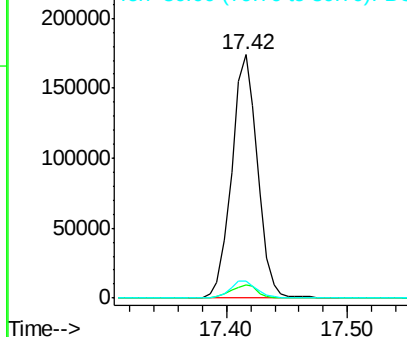
Tgt Ion:	188	Resp:	259294
Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	6.8	7.7	11.5#

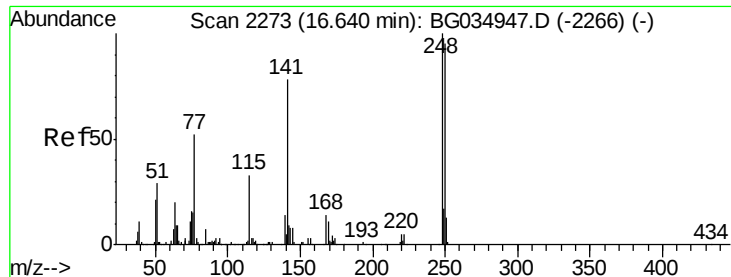


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

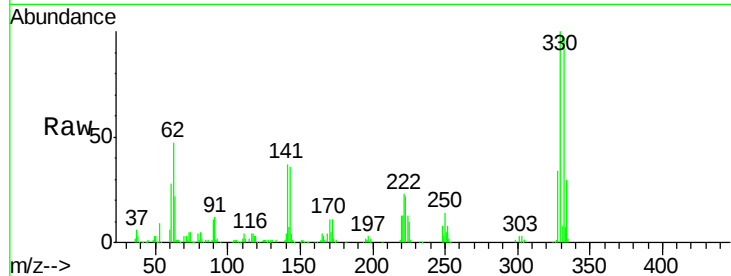




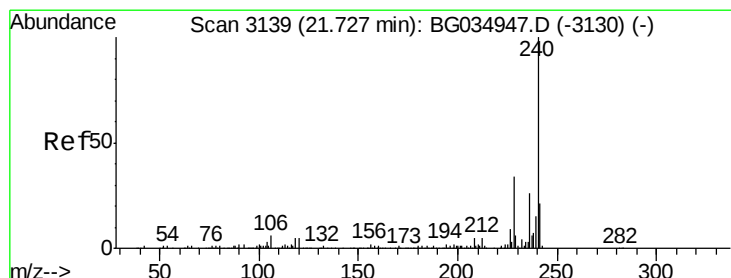
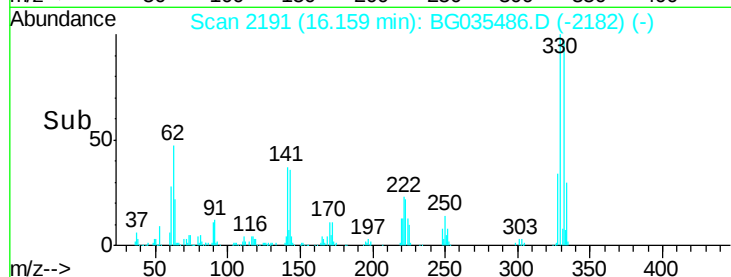
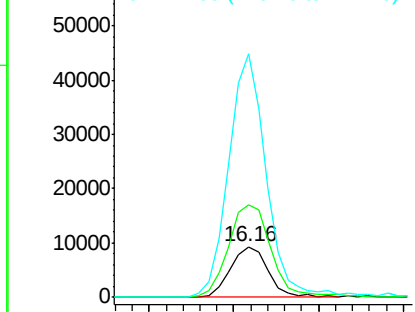
#66
4-Bromophenyl-phenylether
Concen: 4.616 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035486.D
Acq: 28 Jun 2018 20:16

Instrument :
BNA_G
ClientSampleId :
SS-SIDEWALK-CON

Tgt Ion:248 Resp: 14415
Ion Ratio Lower Upper
248 100
250 183.5 77.1 115.7#
141 481.5 50.8 76.2#

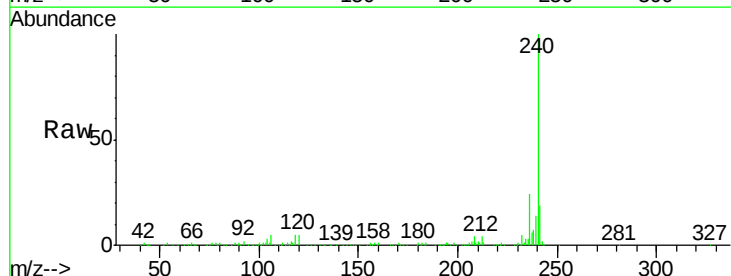


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

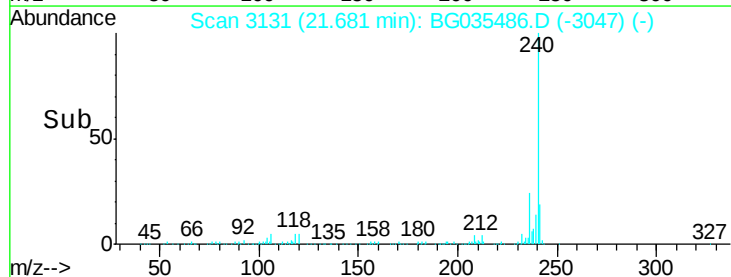
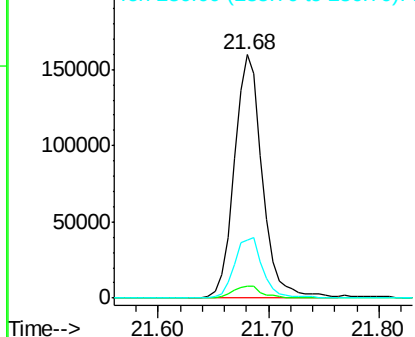


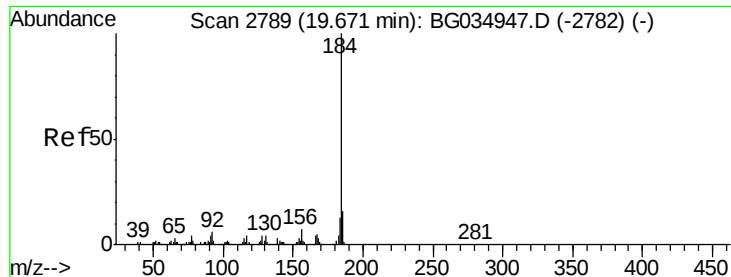
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035486.D
Acq: 28 Jun 2018 20:16

Tgt Ion:240 Resp: 284332
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 23.9 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

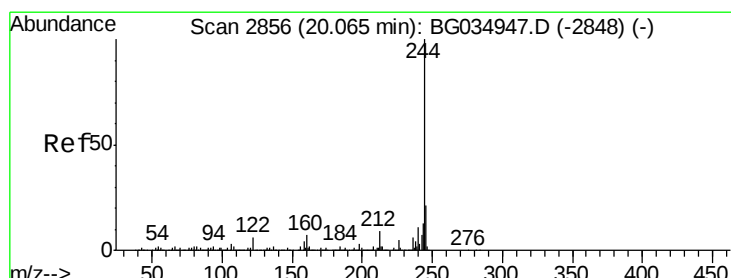
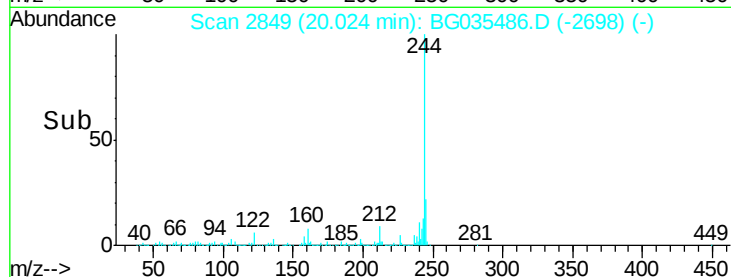
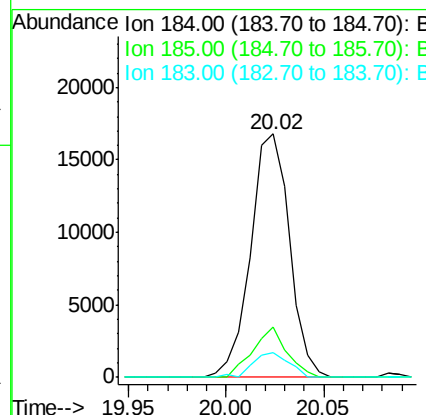
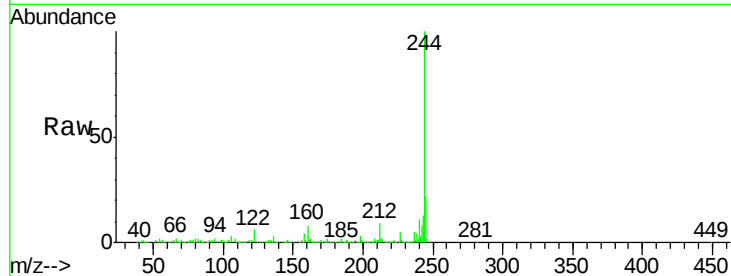




#76
Benzidine
Concen: 2.189 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035486.D
Acq: 28 Jun 2018 20:16

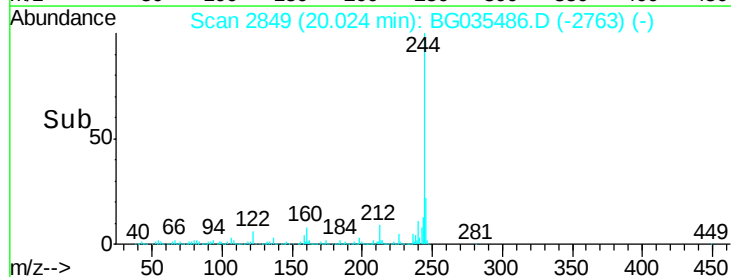
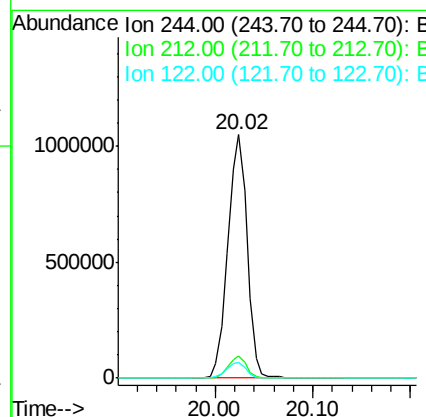
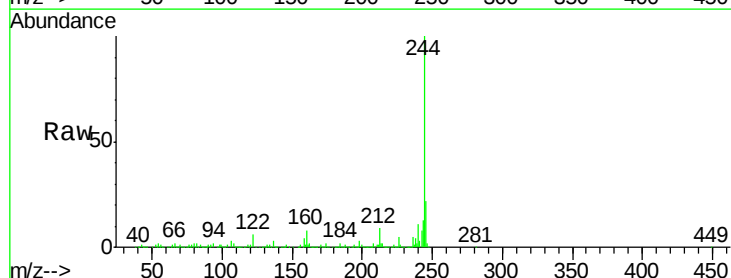
Instrument :
BNA_G
ClientSampleId :
SS-SIDEWALK-CON

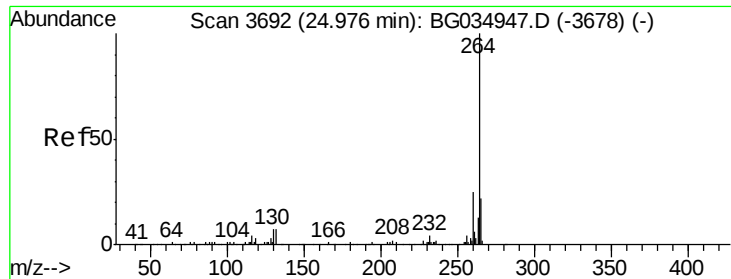
Tgt Ion:184 Resp: 23158
Ion Ratio Lower Upper
184 100
185 20.5 11.1 16.7#
183 10.1 10.6 16.0#



#78
Terphenyl-d14
Concen: 106.174 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035486.D
Acq: 28 Jun 2018 20:16

Tgt Ion:244 Resp: 1441209
Ion Ratio Lower Upper
244 100
212 9.0 5.8 8.8#
122 6.5 7.0 10.4#

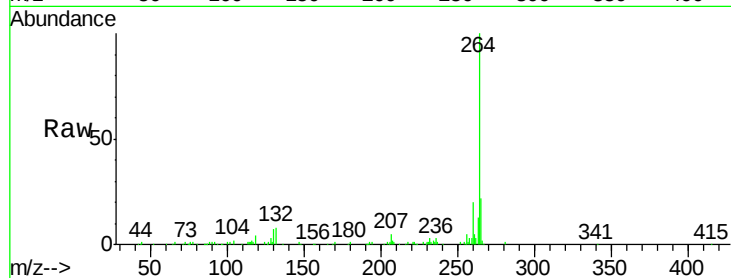




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035486.D
Acq: 28 Jun 2018 20:16

Instrument :
BNA_G
ClientSampleId :
SS-SIDEWALK-CON

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.4	17.4	26.0
265	21.5	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

