

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062718\
 Data File : BG035456.D
 Acq On : 27 Jun 2018 22:08
 Operator : JU/SJ
 Sample : J3715-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-SIDEWALK-CON

Quant Time: Jun 28 01:03:46 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

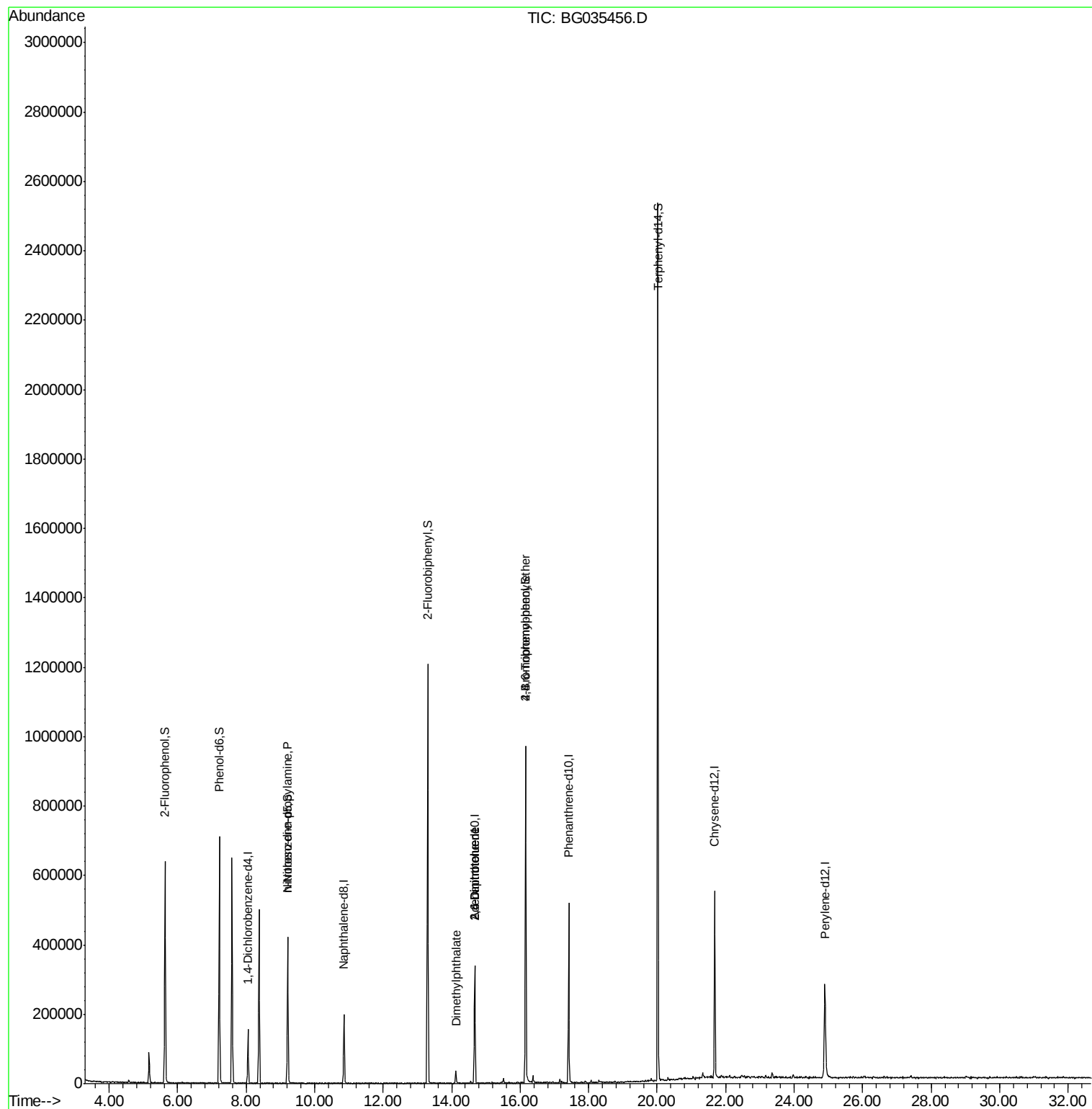
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	43820	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	163816	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	123942	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	321023	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	354240	20.00	ng	-0.03
86) Perylene-d12	24.90	264	333574	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	283230	109.08	ng	-0.02
7) Phenol-d6	7.21	99	444241	115.92	ng	-0.01
23) Nitrobenzene-d5	9.21	82	279904	81.22	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	188383	118.73	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	673841	70.68	ng	-0.03
78) Terphenyl-d14	20.02	244	1235189	73.04	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	38457	11.811	ng	# 71
49) Dimethylphthalate	14.12	163	25028	2.316	ng	# 97
50) 2,6-Dinitrotoluene	14.67	165	16627	8.433	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	16627	6.348	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	14279	3.694	ng	# 1

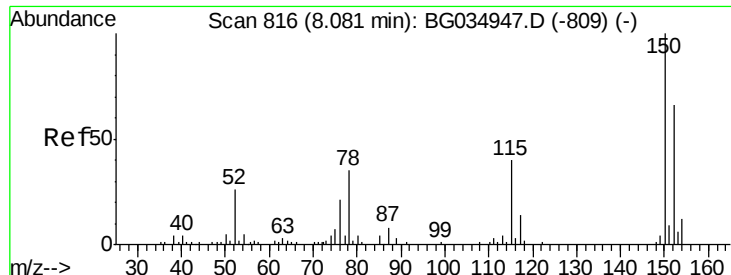
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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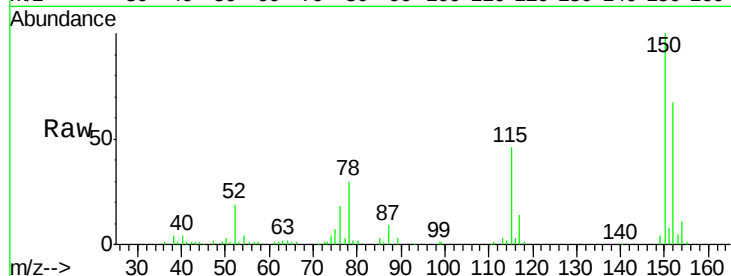


#1

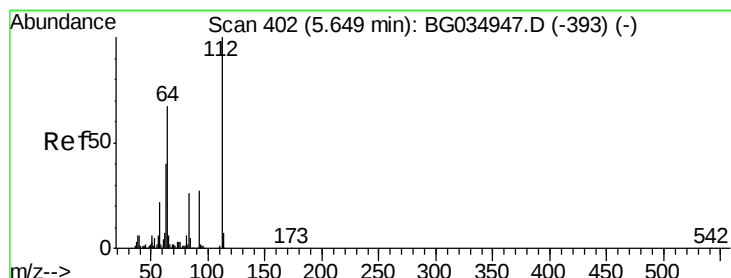
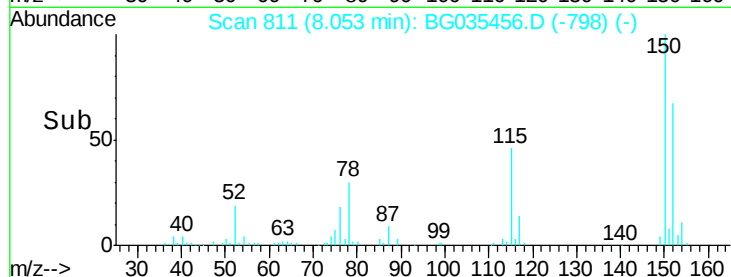
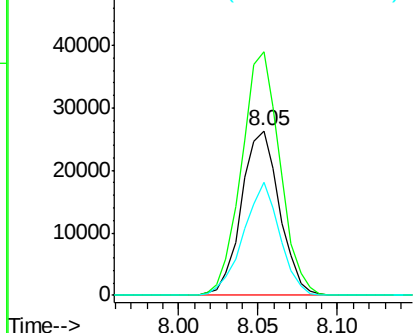
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035456.D
Acq: 27 Jun 2018 22:08

Instrument :
BNA_G
ClientSampleId :
SS-SIDEWALK-CON

Tgt Ion:152 Resp: 43820
Ion Ratio Lower Upper
152 100
150 148.3 126.6 189.8
115 68.6 53.0 79.4



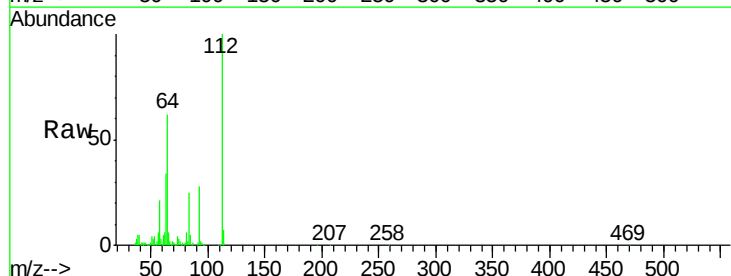
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



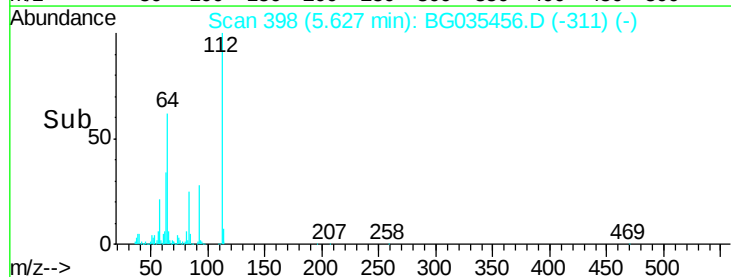
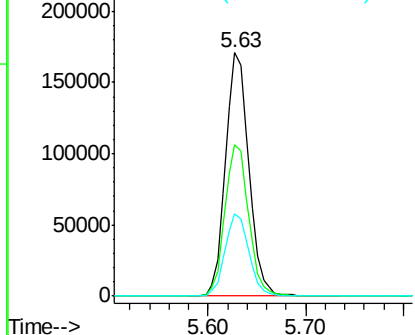
#5

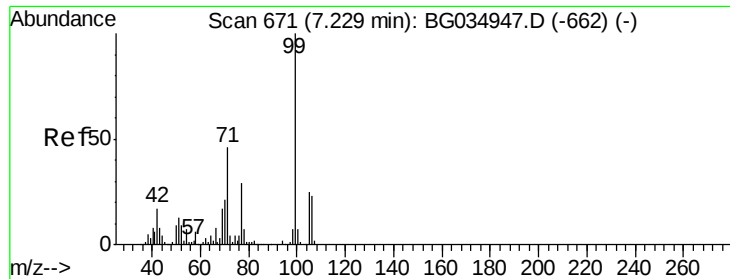
2-Fluorophenol
Concen: 109.078 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035456.D
Acq: 27 Jun 2018 22:08

Tgt Ion:112 Resp: 283230
Ion Ratio Lower Upper
112 100
64 62.1 56.3 84.5
63 33.9 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: 115.917 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035456.D

Acq: 27 Jun 2018 22:08

Instrument :

BNA_G

ClientSampleId :

SS-SIDEWALK-CON

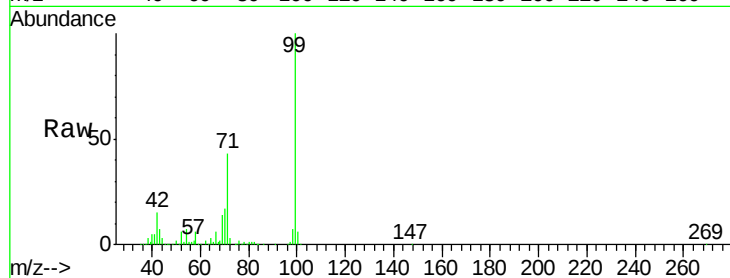
Tgt Ion: 99 Resp: 444241

Ion Ratio Lower Upper

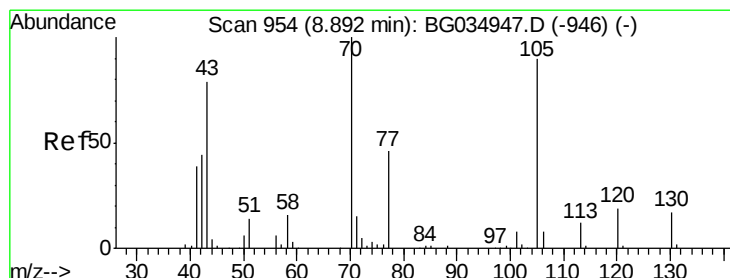
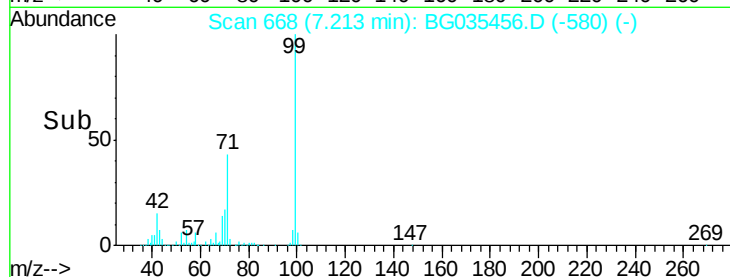
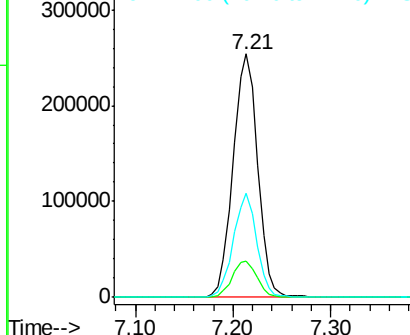
99 100

42 15.0 14.1 21.1

71 42.8 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: 11.811 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035456.D

Acq: 27 Jun 2018 22:08

Tgt Ion: 70 Resp: 38457

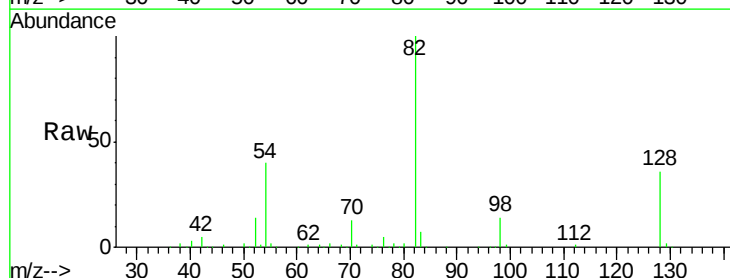
Ion Ratio Lower Upper

70 100

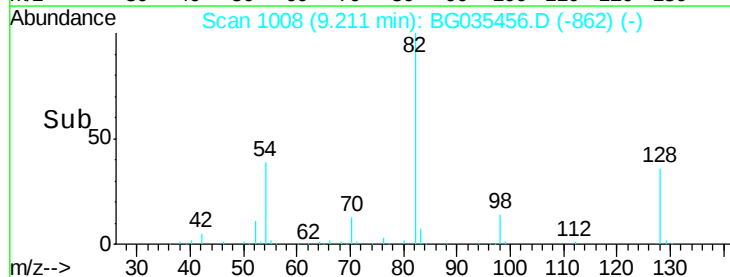
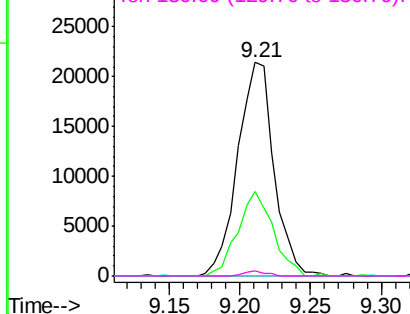
42 39.8 49.1 73.7#

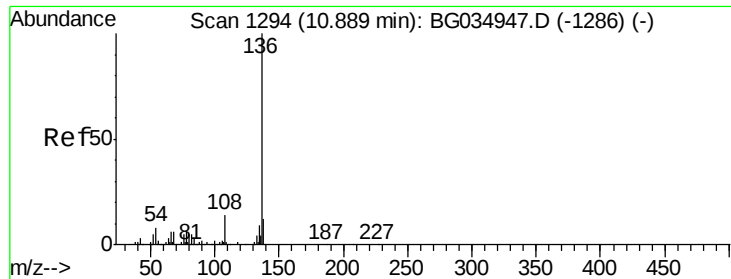
101 0.0 8.5 12.7#

130 2.6 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

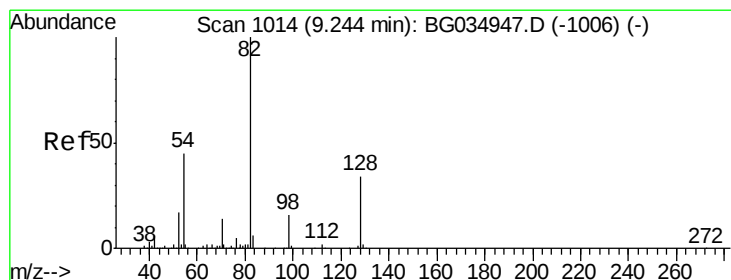
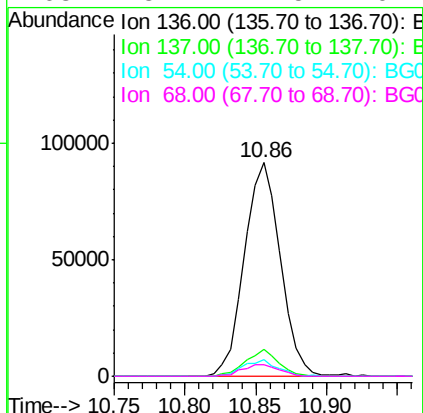
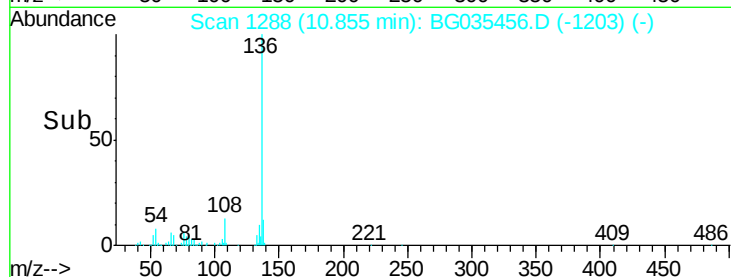
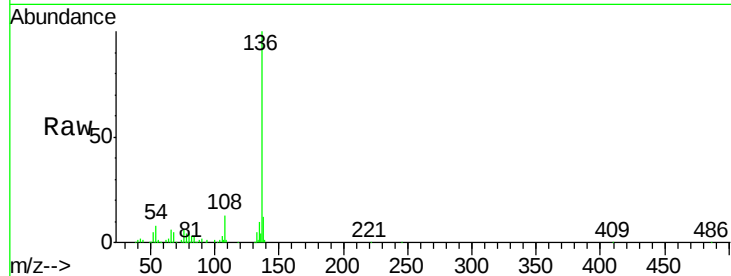




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035456.D
Acq: 27 Jun 2018 22:08

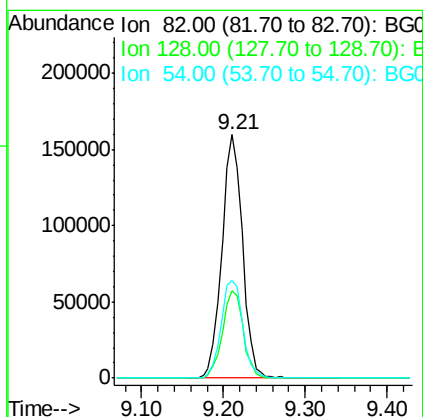
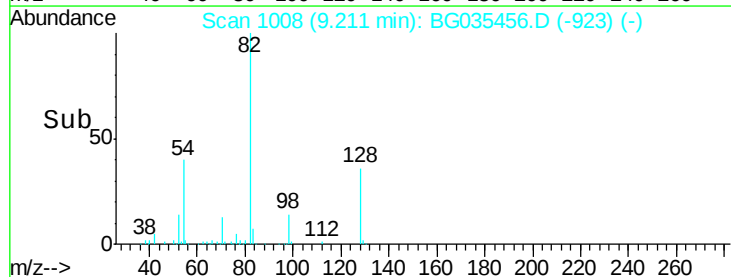
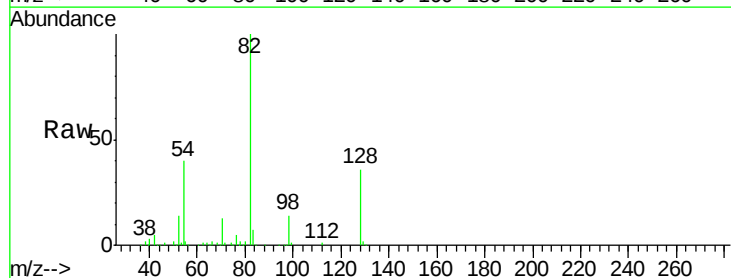
Instrument :
BNA_G
ClientSampleId :
SS-SIDEWALK-CON

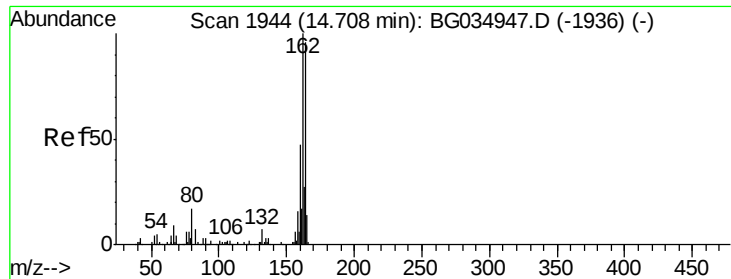
Tgt Ion:	136	Resp:	163816
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	8.1	10.3	15.5#
68	5.4	4.5	6.7



#23
Nitrobenzene-d5
Concen: 81.219 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035456.D
Acq: 27 Jun 2018 22:08

Tgt Ion:	82	Resp:	279904
Ion	Ratio	Lower	Upper
82	100		
128	35.9	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: BG035456.D

Acq: 27 Jun 2018 22:08

Instrument :

BNA_G

ClientSampleId :

SS-SIDEWALK-CON

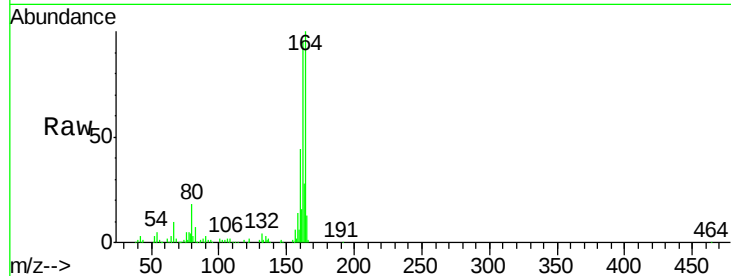
Tgt Ion:164 Resp: 123942

Ion Ratio Lower Upper

164 100

162 96.0 78.8 118.2

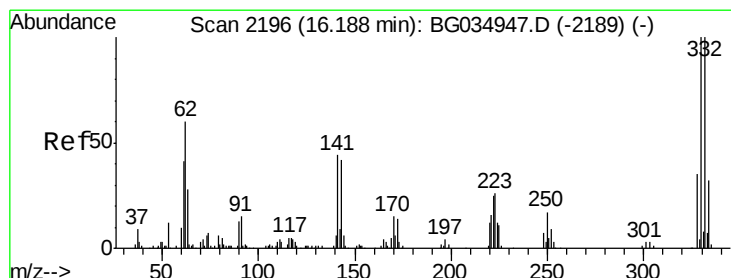
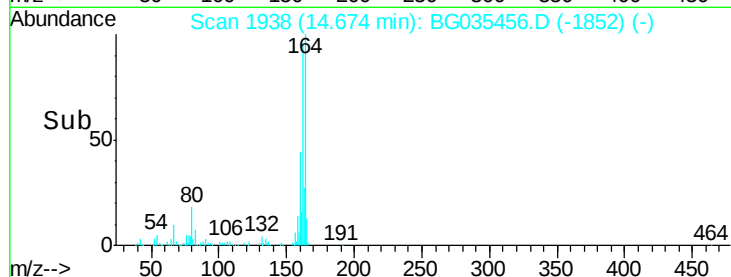
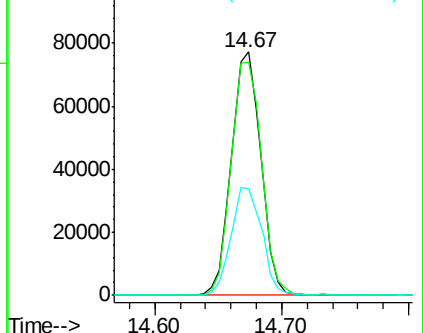
160 43.8 35.4 53.0



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: 118.733 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035456.D

Acq: 27 Jun 2018 22:08

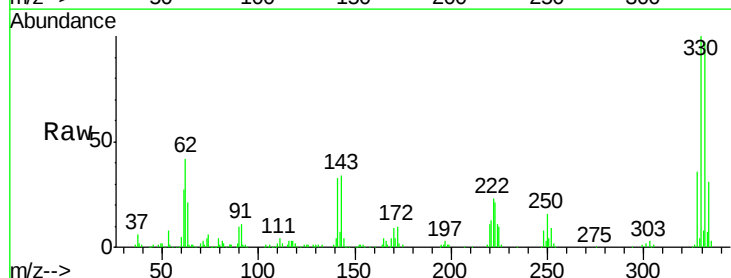
Tgt Ion:330 Resp: 188383

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

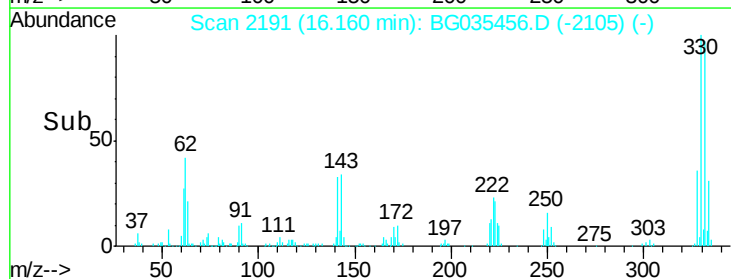
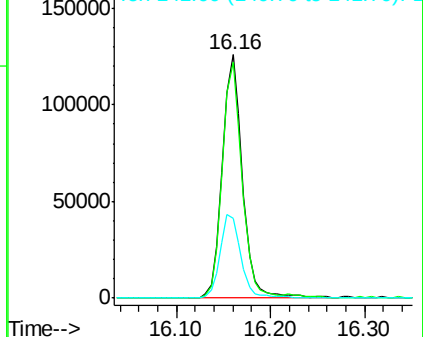
141 35.2 25.2 37.8

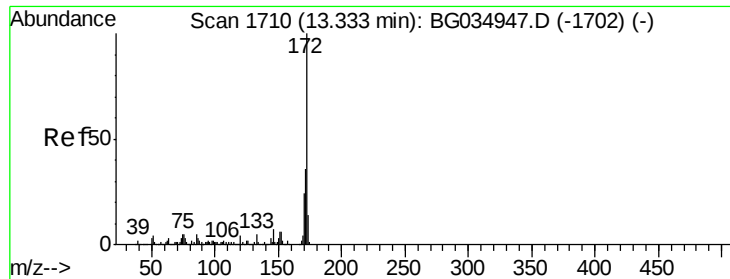


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

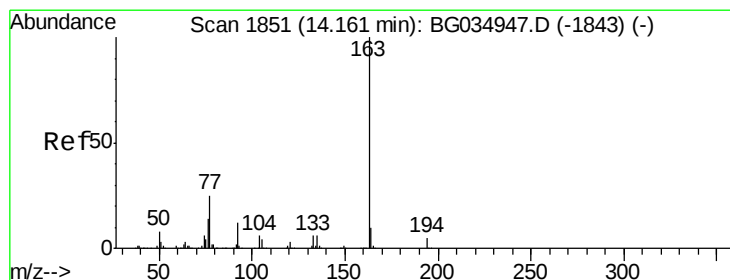
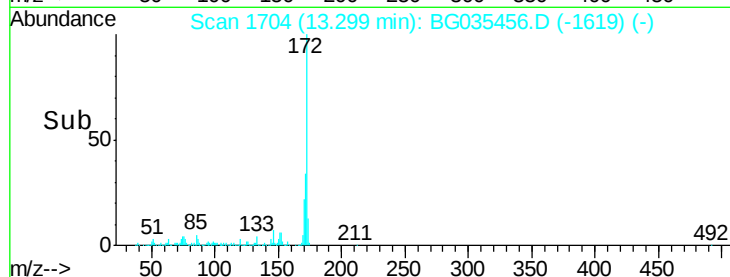
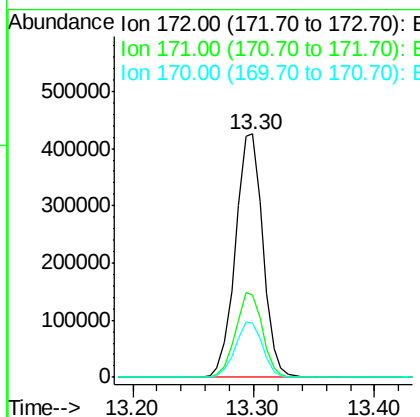
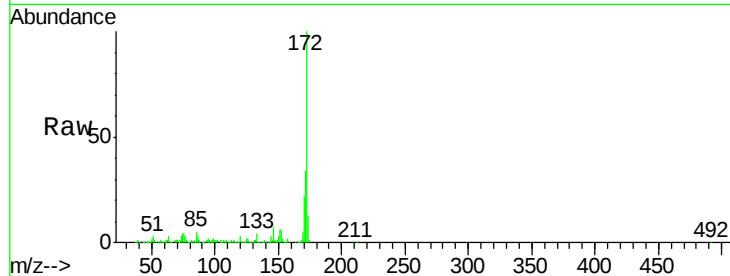




#44
 2-Fluorobiphenyl
 Concen: 70.677 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035456.D
 Acq: 27 Jun 2018 22:08

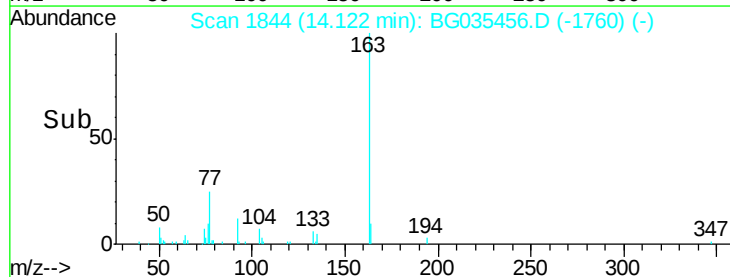
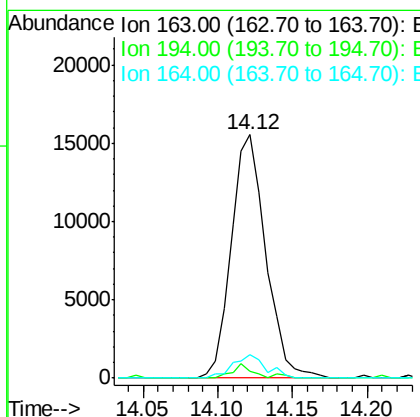
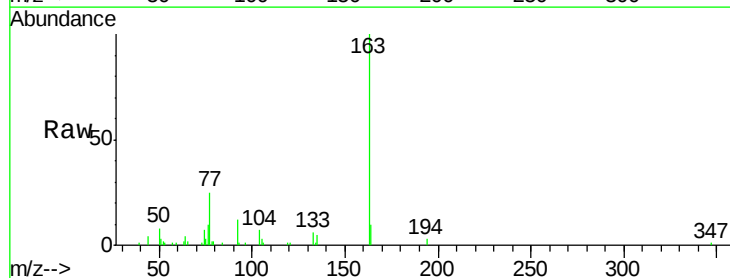
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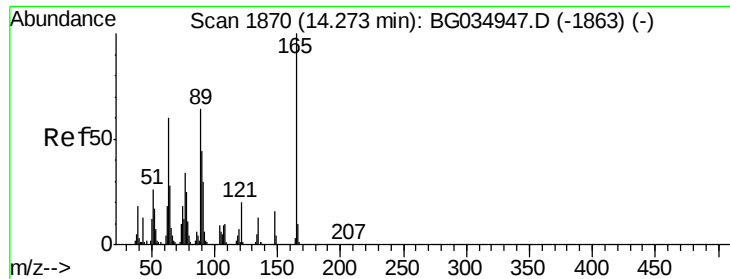
Tgt Ion:172 Resp: 673841
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.0 45.0
 170 22.3 19.5 29.3



#49
 Dimethylphthalate
 Concen: 2.316 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.03 min
 Lab File: BG035456.D
 Acq: 27 Jun 2018 22:08

Tgt Ion:163 Resp: 25028
 Ion Ratio Lower Upper
 163 100
 194 2.8 3.4 5.2#
 164 9.5 8.2 12.4

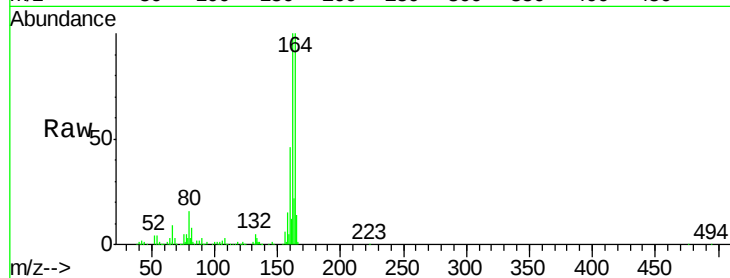




#50
 2,6-Dinitrotoluene
 Concen: 8.433 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.40 min
 Lab File: BG035456.D
 Acq: 27 Jun 2018 22:08

Instrument :
 BNA_G
 ClientSampleId :
 SS-SIDEWALK-CON

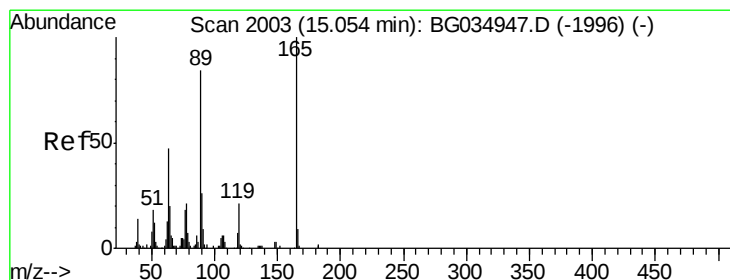
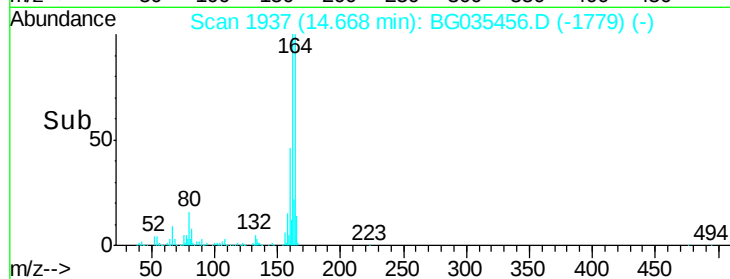
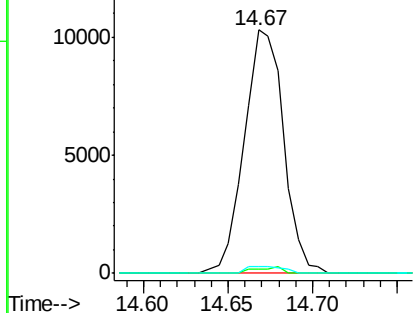
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	52.7	79.1#
89	2.7	49.2	73.8#



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: 6.348 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.38 min
 Lab File: BG035456.D
 Acq: 27 Jun 2018 22:08

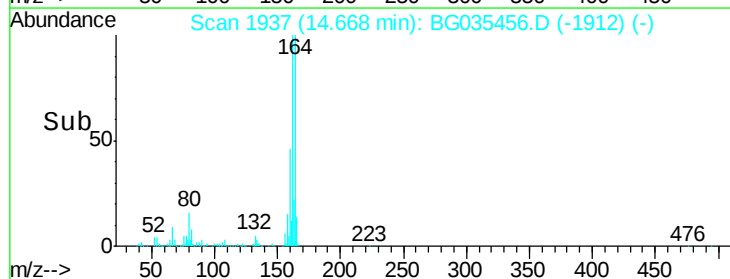
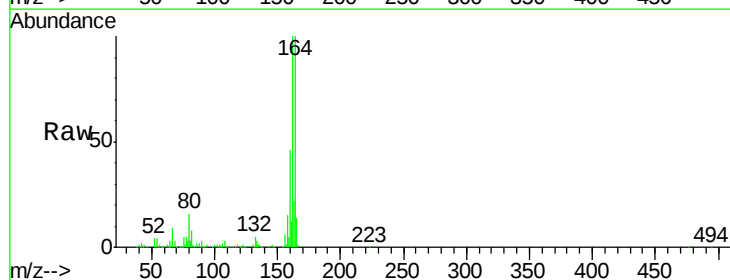
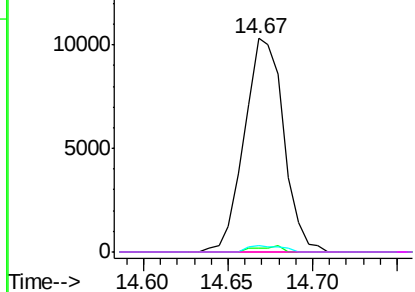
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.0	63.0#
89	2.7	66.9	100.3#
182	0.0	2.6	3.8#

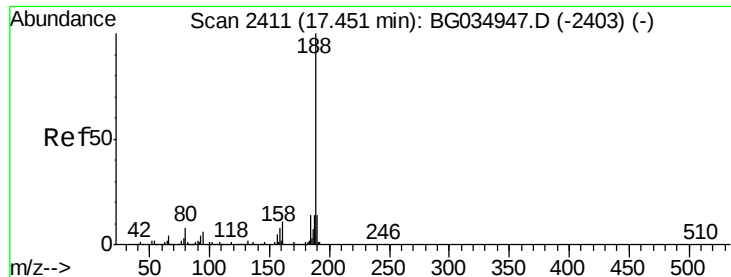
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG035456.D

Acq: 27 Jun 2018 22:08

Instrument :

BNA_G

ClientSampleId :

SS-SIDEWALK-CON

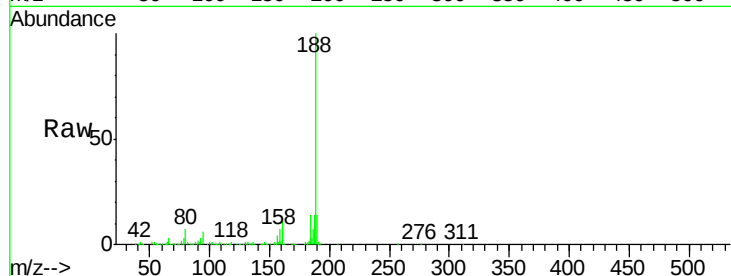
Tgt Ion:188 Resp: 321023

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

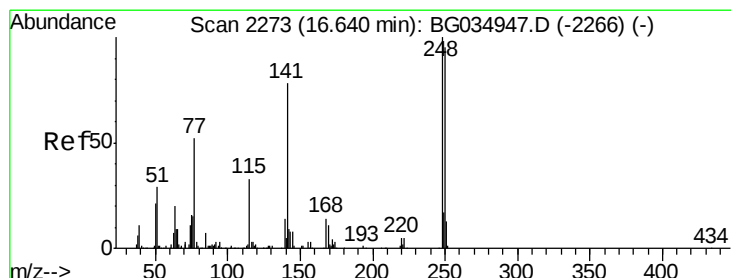
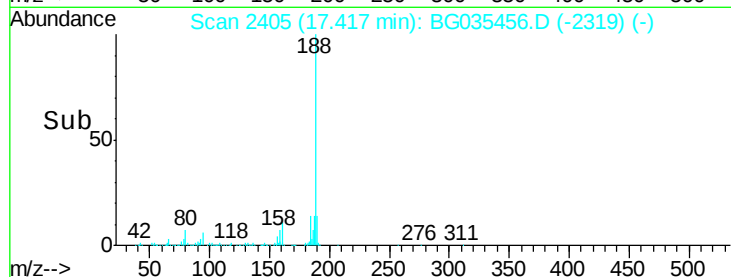
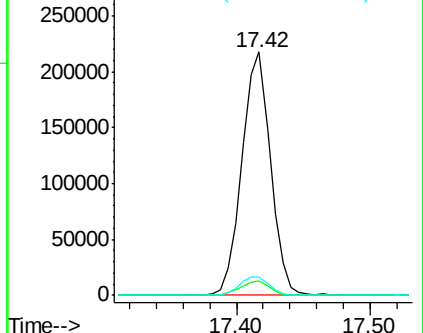
80 7.4 7.7 11.5#



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: 3.694 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.48 min

Lab File: BG035456.D

Acq: 27 Jun 2018 22:08

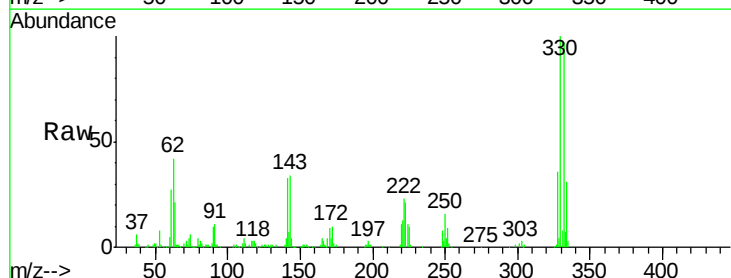
Tgt Ion:248 Resp: 14279

Ion Ratio Lower Upper

248 100

250 208.6 77.1 115.7#

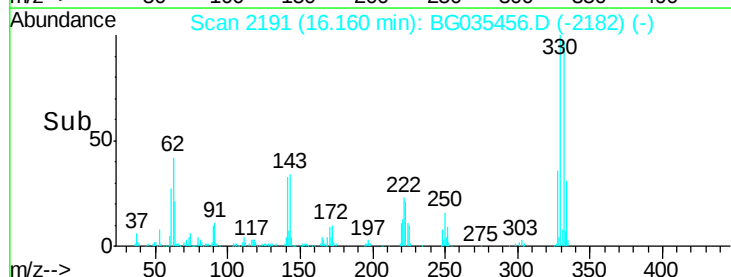
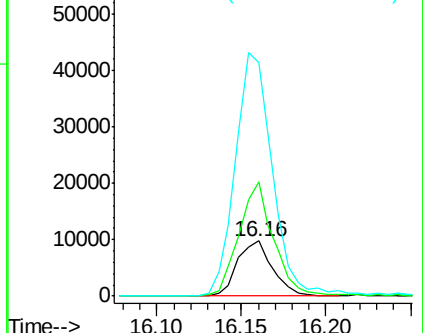
141 425.2 50.8 76.2#

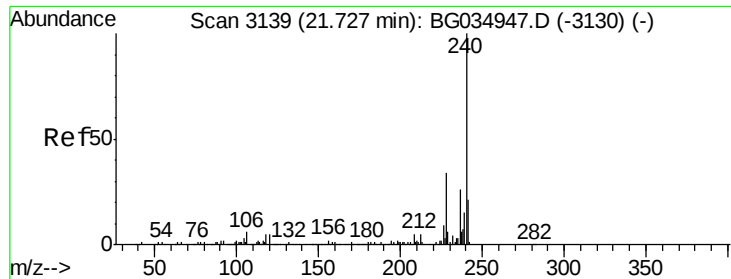


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.03 min

Lab File: BG035456.D

Acq: 27 Jun 2018 22:08

Instrument :

BNA_G

ClientSampleId :

SS-SIDEWALK-CON

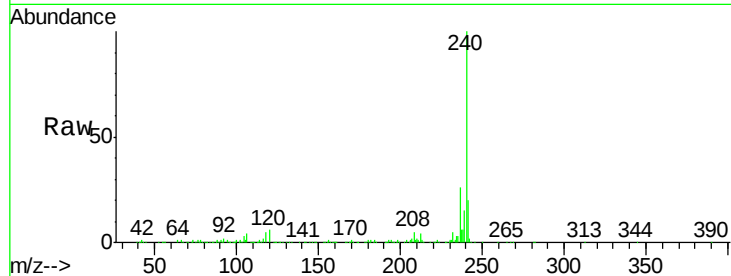
Tgt Ion:240 Resp: 354240

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

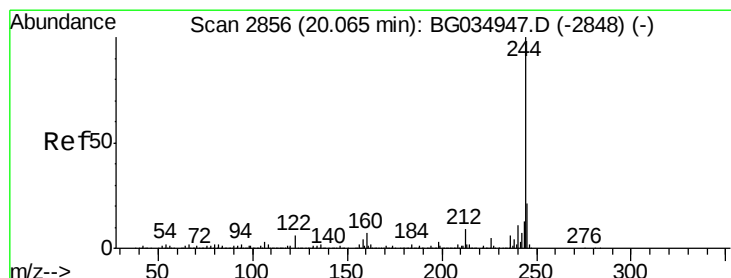
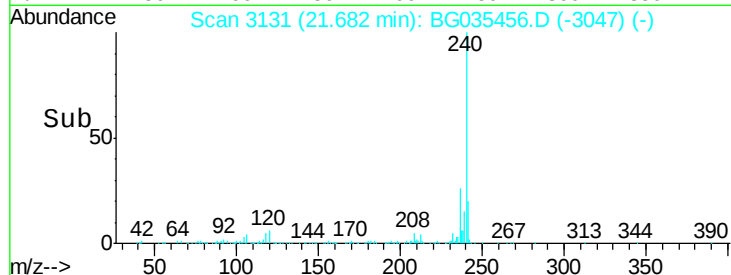
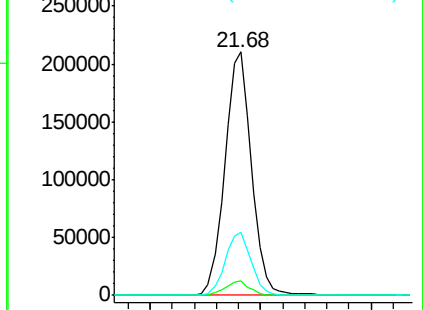
236 25.8 20.9 31.3



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



#78

Terphenyl-d14

Concen: 73.039 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035456.D

Acq: 27 Jun 2018 22:08

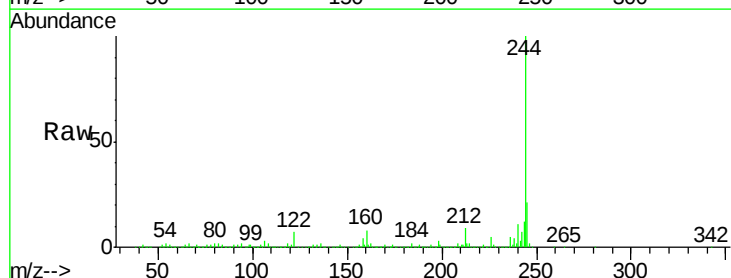
Tgt Ion:244 Resp: 1235189

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

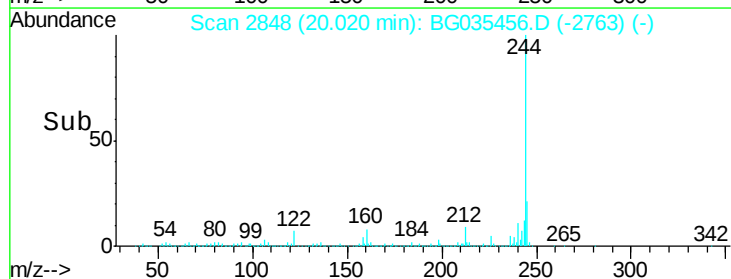
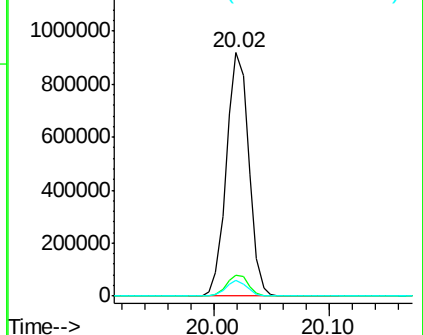
122 6.5 7.0 10.4#

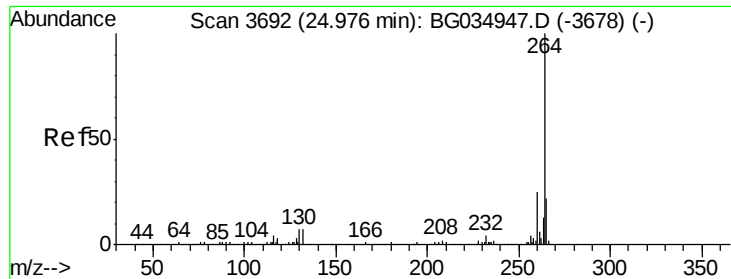


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



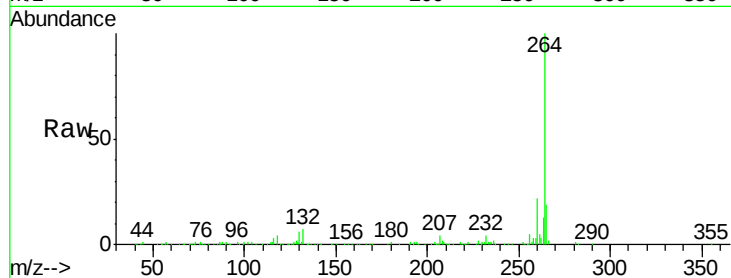


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035456.D
Acq: 27 Jun 2018 22:08

Instrument :
BNA_G
ClientSampleId :
SS-SIDEWALK-CON

Tgt Ion: 264 Resp: 333574

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	19.3	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

