

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036072.D
 Acq On : 3 Aug 2018 00:01
 Operator : JU/SJ
 Sample : J4251-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-11-4-0718

Quant Time: Aug 03 01:11:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

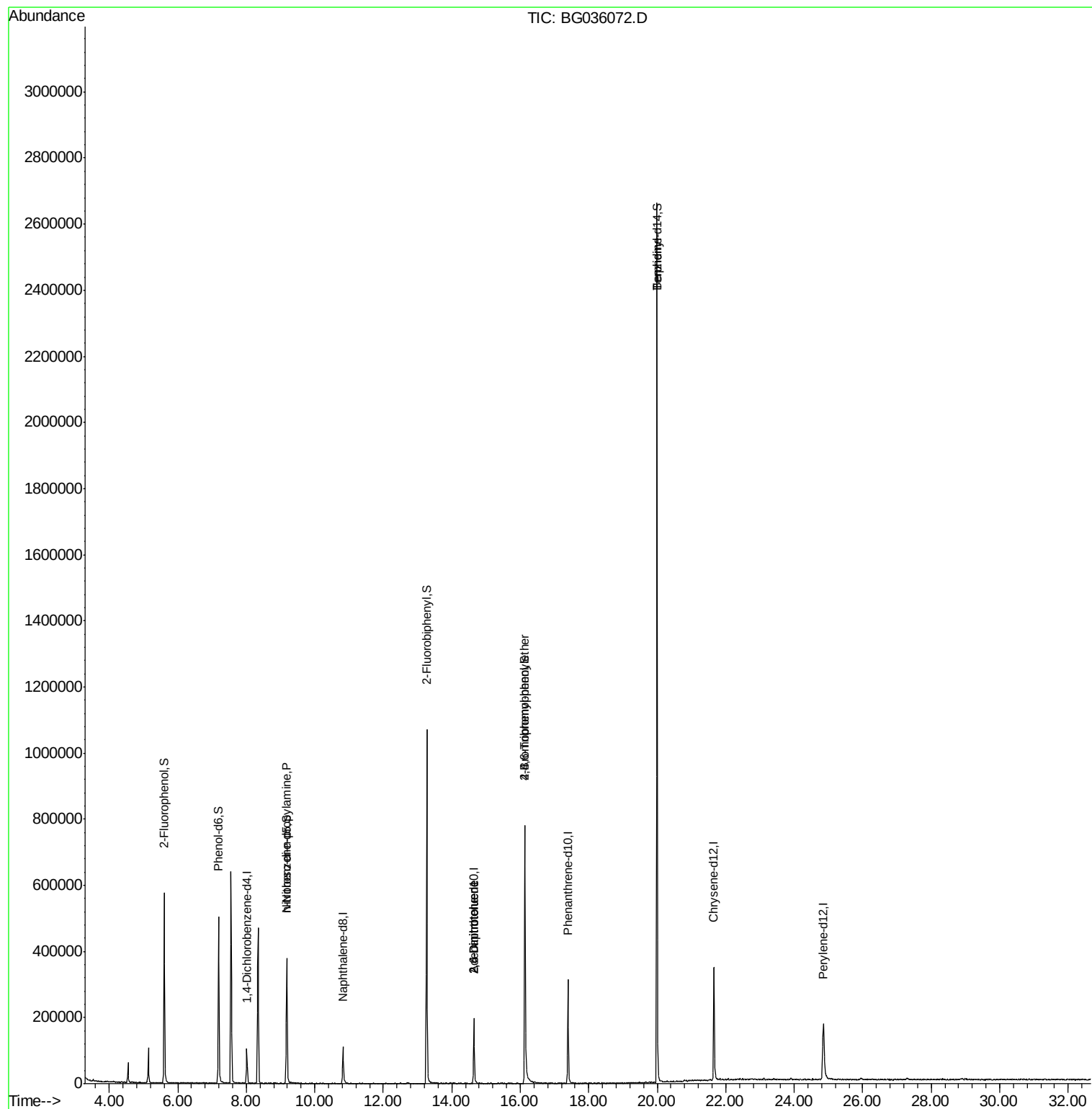
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30870	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	108153	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	79558	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	232139	20.00	ng	0.00
75) Chrysene-d12	21.66	240	264100	20.00	ng	0.00
86) Perylene-d12	24.85	264	239583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	253452	136.31	ng	0.00
7) Phenol-d6	7.19	99	323296	116.54	ng	0.00
23) Nitrobenzene-d5	9.18	82	269247	104.00	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	178522	170.24	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	619813	104.38	ng	0.00
78) Terphenyl-d14	19.99	244	1305394	108.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	37047	15.859	ng	# 67
50) 2,6-Dinitrotoluene	14.64	165	10080	7.101	ng	# 20
56) 2,4-Dinitrotoluene	14.64	165	10080	4.950	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	13617	5.056	ng	# 1
76) Benzidine	19.99	184	23536	3.390	ng	# 81

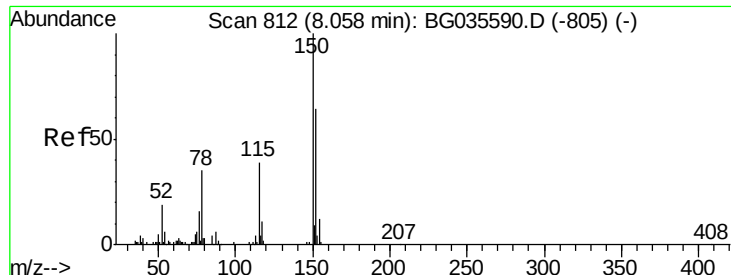
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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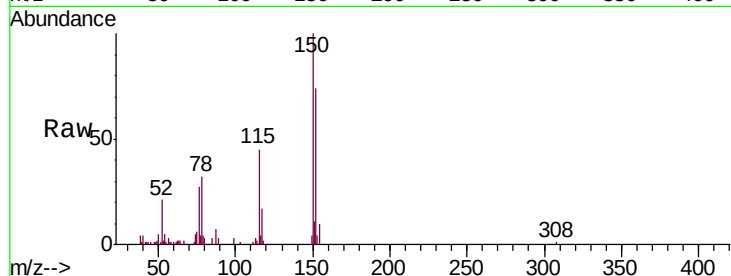


#1

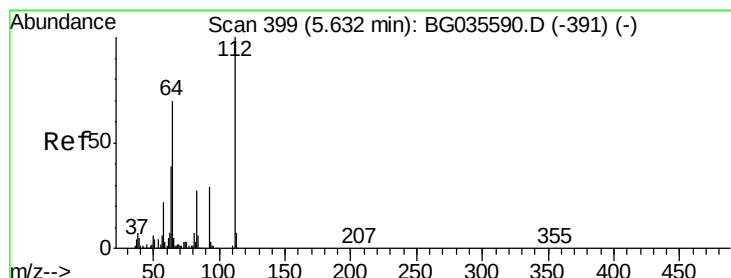
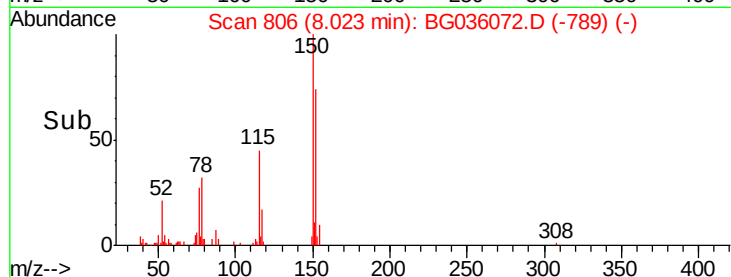
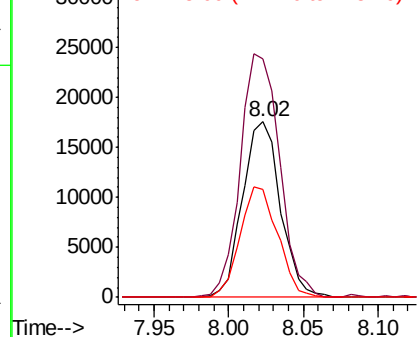
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036072.D
Acq: 3 Aug 2018 00:01

Instrument :
BNA_G
ClientSampleId :
CB-TCLP-11-4-0718

Tgt Ion:152 Resp: 30870
Ion Ratio Lower Upper
152 100
150 135.8 126.6 189.8
115 61.5 53.0 79.4



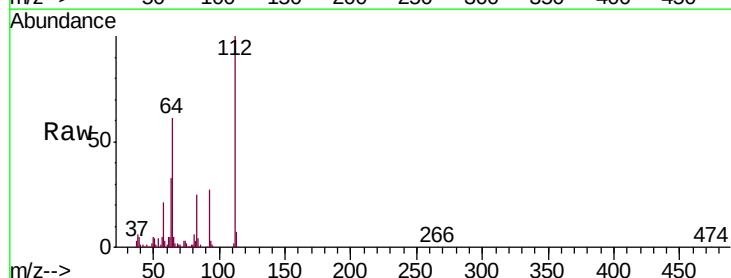
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



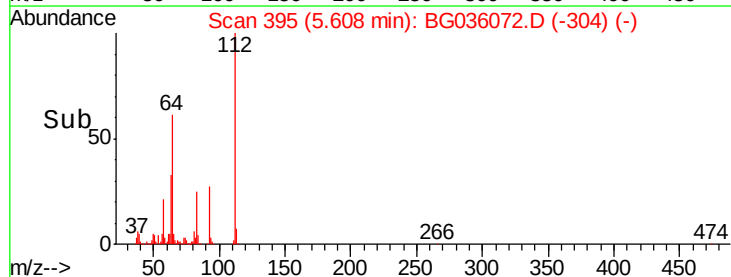
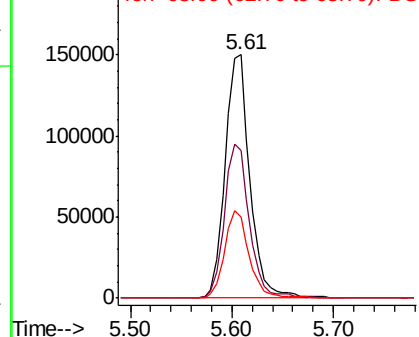
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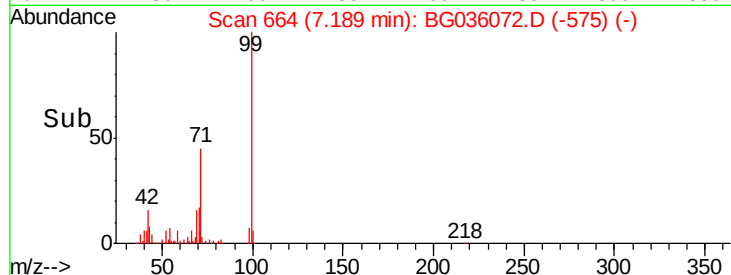
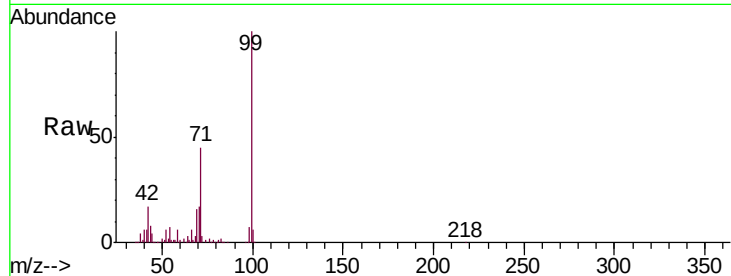
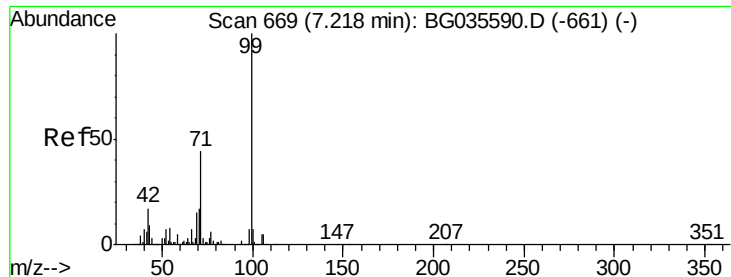
2-Fluorophenol
Concen: 136.310 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG036072.D
Acq: 3 Aug 2018 00:01

Tgt Ion:112 Resp: 253452
Ion Ratio Lower Upper
112 100
64 60.6 56.3 84.5
63 33.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 116.538 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036072.D

Acq: 3 Aug 2018 00:01

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-11-4-0718

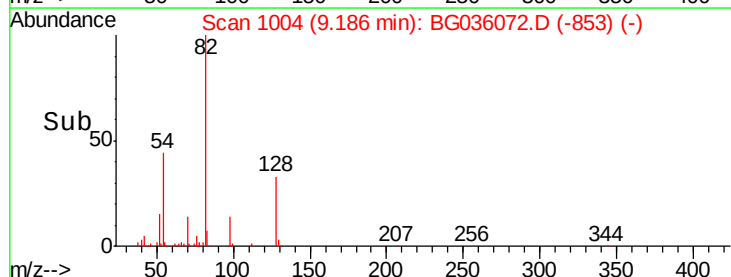
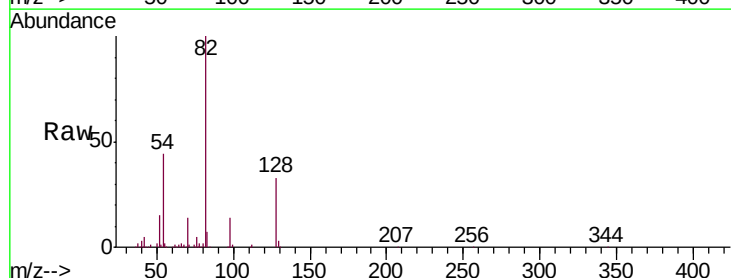
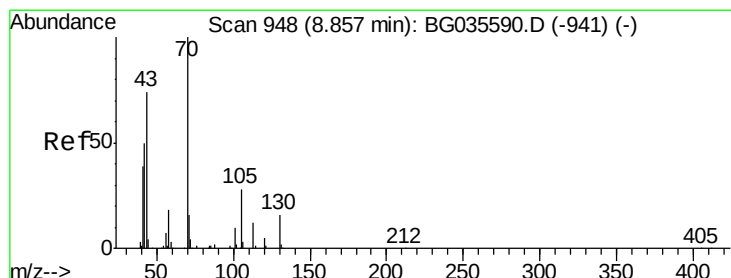
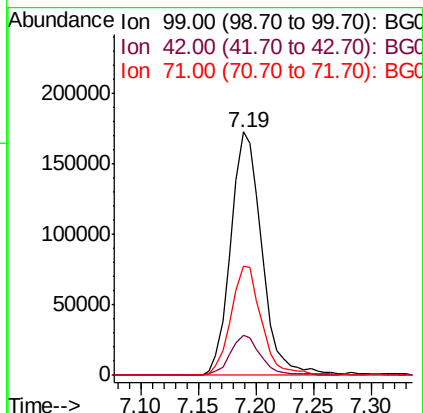
Tgt Ion: 99 Resp: 323296

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

71 44.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.859 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG036072.D

Acq: 3 Aug 2018 00:01

Tgt Ion: 70 Resp: 37047

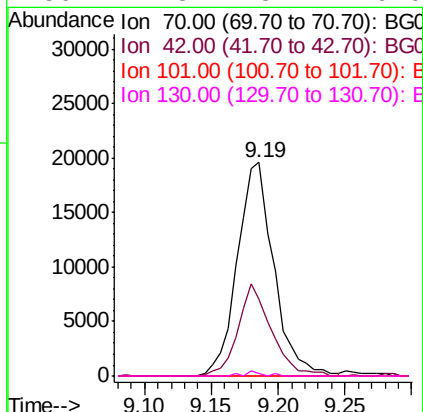
Ion Ratio Lower Upper

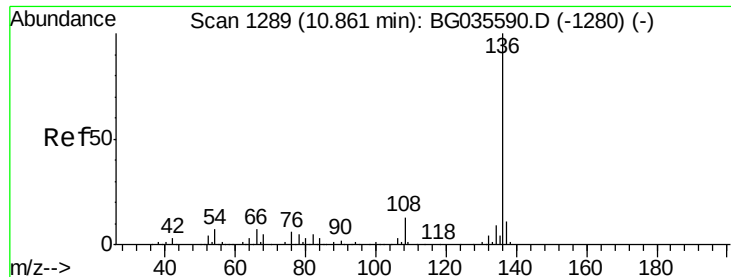
70 100

42 36.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036072.D

Acq: 3 Aug 2018 00:01

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-11-4-0718

Tgt Ion:136 Resp: 108153

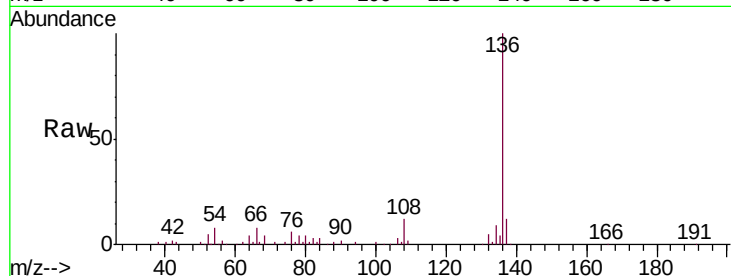
Ion Ratio Lower Upper

136 100

137 12.2 9.2 13.8

54 7.9 10.3 15.5#

68 4.3 4.5 6.7#

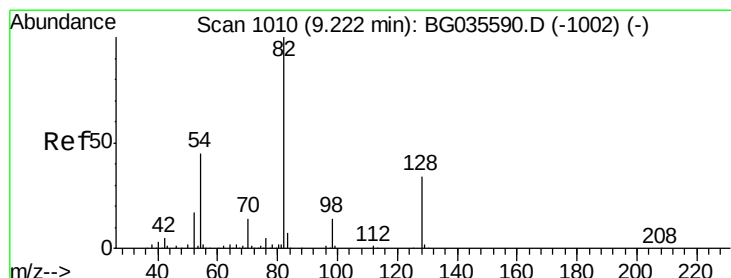
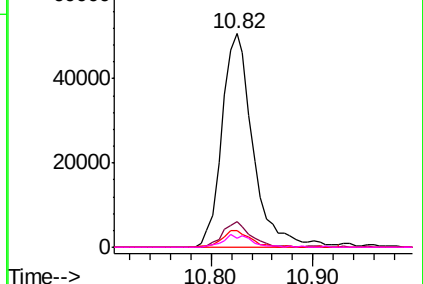
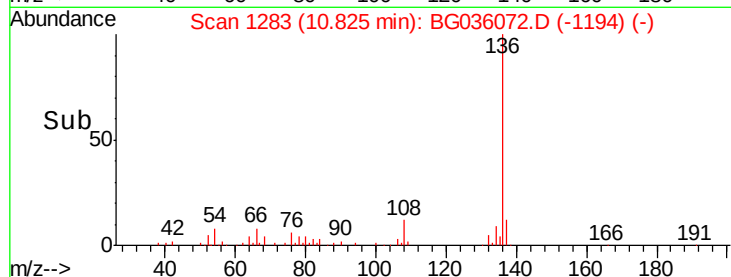


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.998 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG036072.D

Acq: 3 Aug 2018 00:01

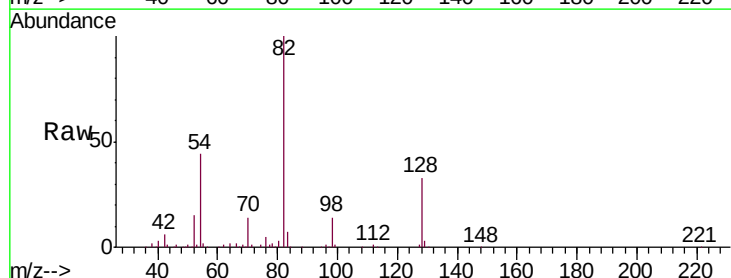
Tgt Ion: 82 Resp: 269247

Ion Ratio Lower Upper

82 100

128 32.7 29.7 44.5

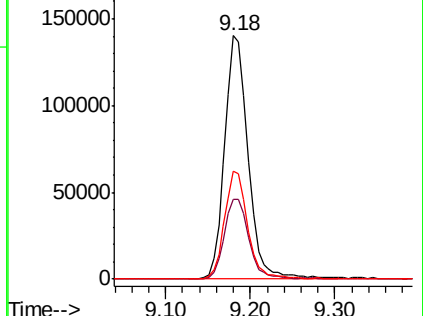
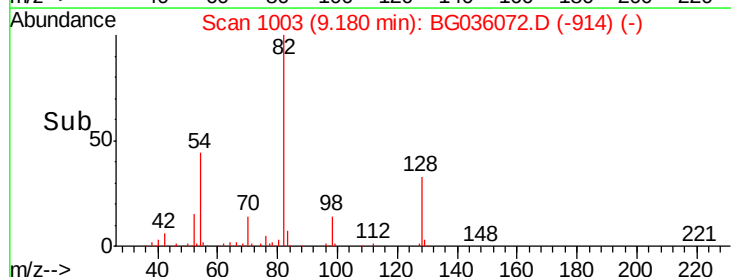
54 44.4 43.1 64.7

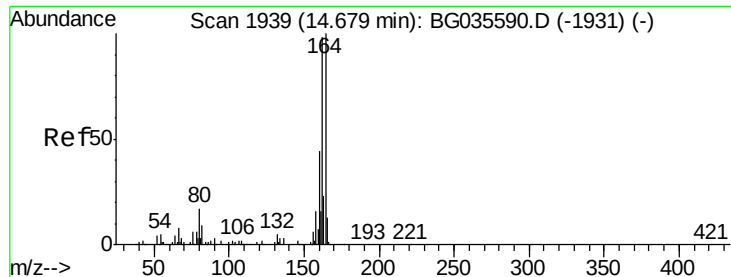


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036072.D

Acq: 3 Aug 2018 00:01

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-11-4-0718

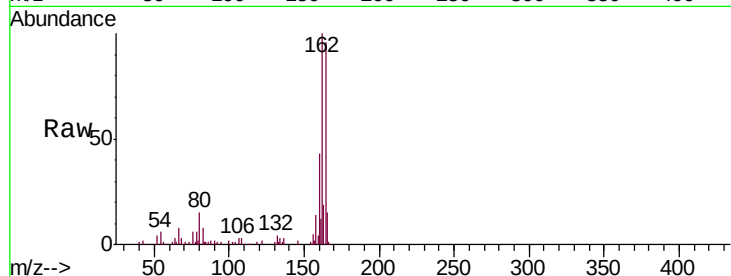
Tgt Ion:164 Resp: 79558

Ion Ratio Lower Upper

164 100

162 104.5 78.8 118.2

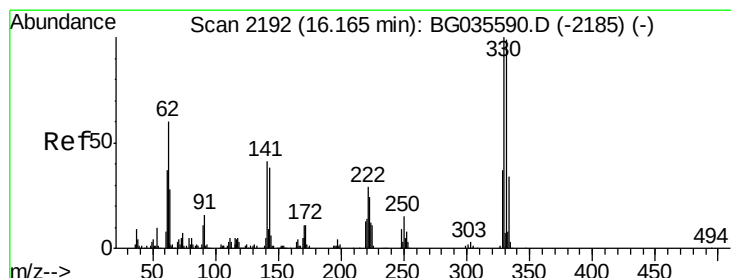
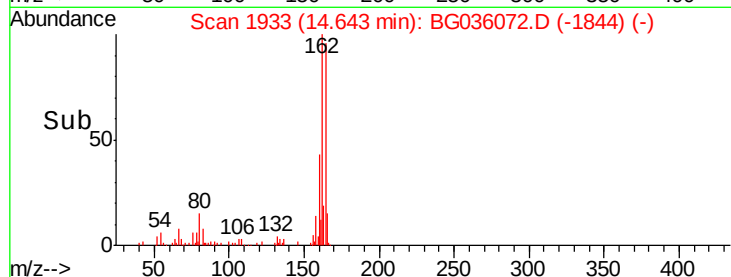
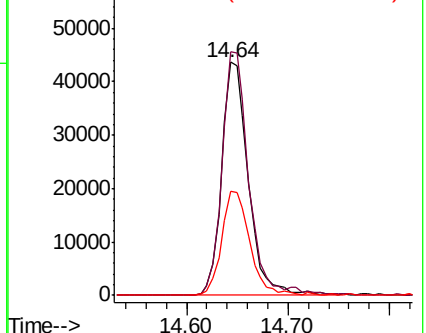
160 44.9 35.4 53.0



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: 170.244 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036072.D

Acq: 3 Aug 2018 00:01

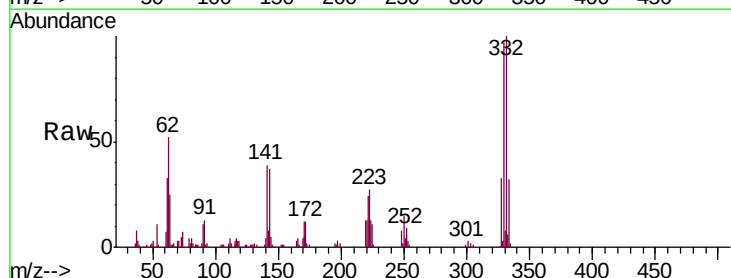
Tgt Ion:330 Resp: 178522

Ion Ratio Lower Upper

330 100

332 94.0 77.0 115.6

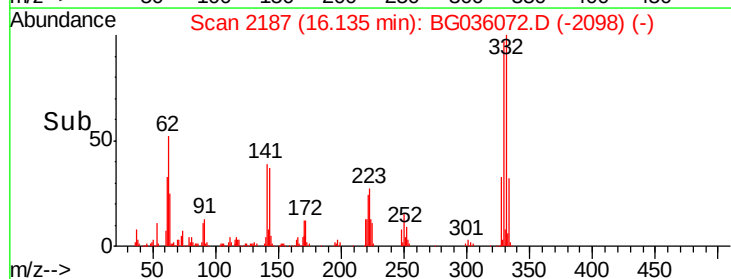
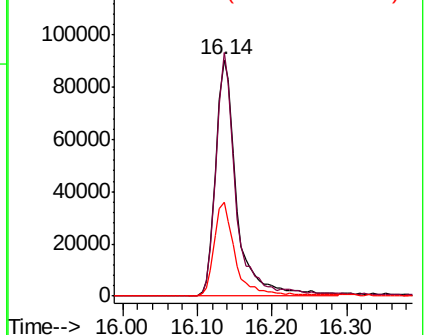
141 38.4 25.2 37.8#

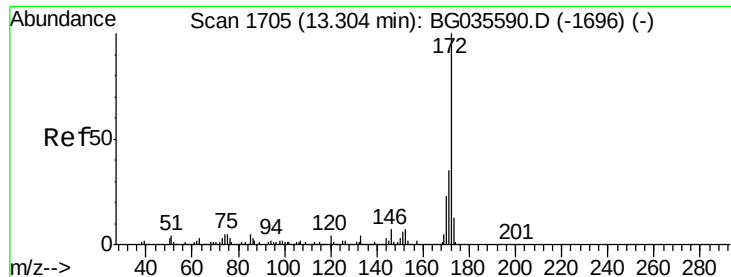


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

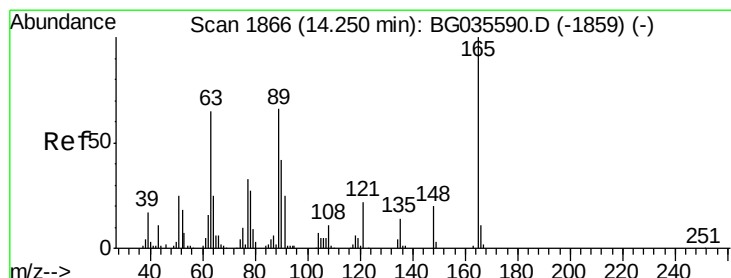
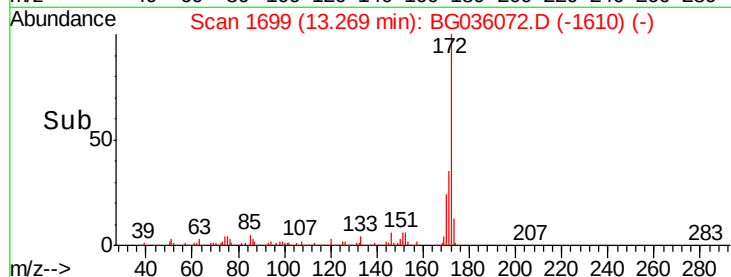
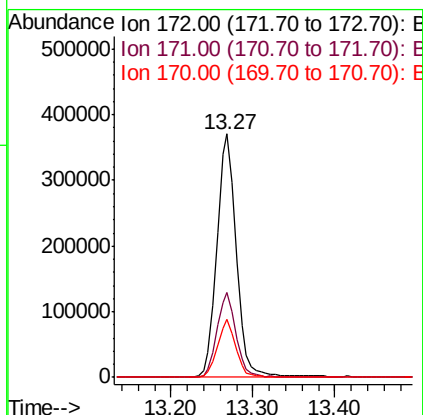
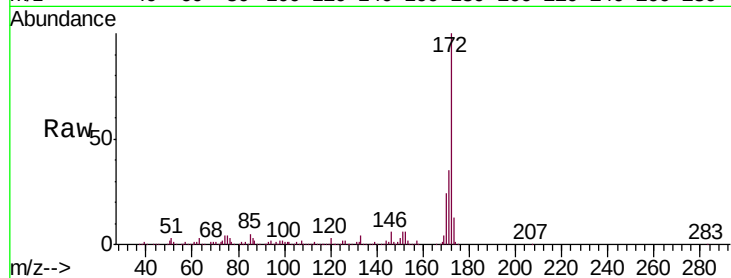




#44
 2-Fluorobiphenyl
 Concen: 104.375 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036072.D
 Acq: 3 Aug 2018 00:01

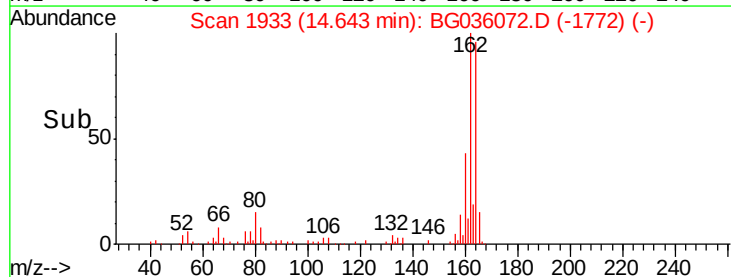
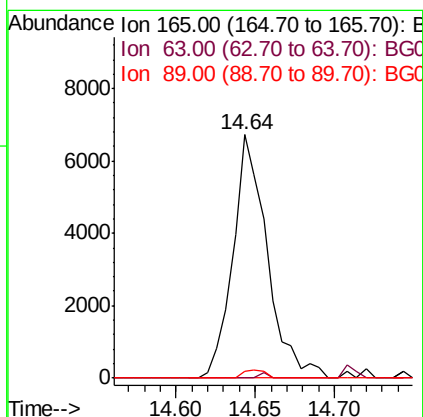
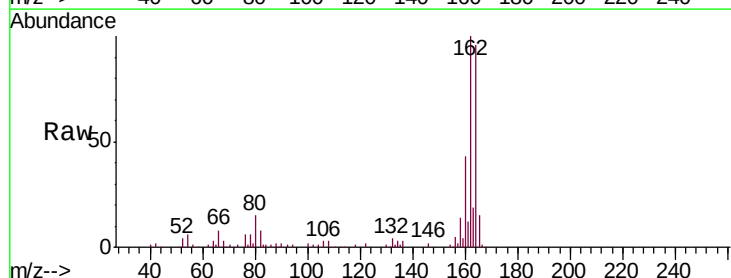
Instrument :
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 CB-TCLP-11-4-0718

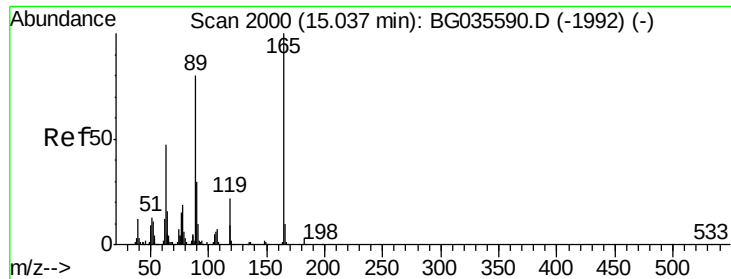
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.7	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.101 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG036072.D
 Acq: 3 Aug 2018 00:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.9	49.2	73.8#

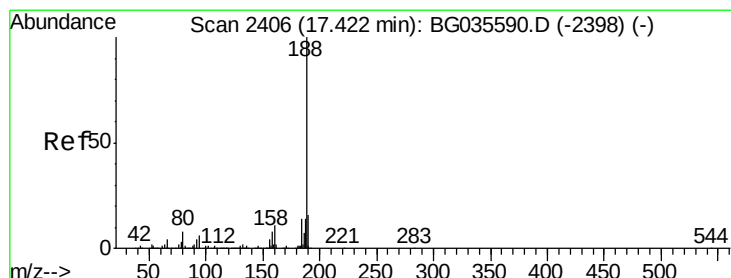
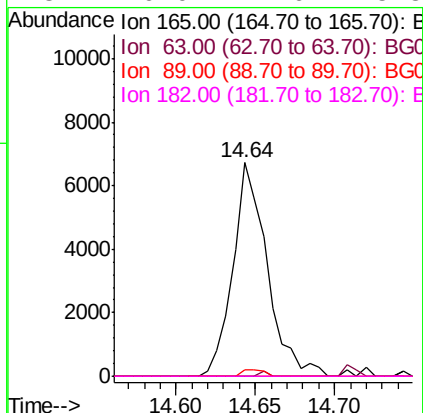
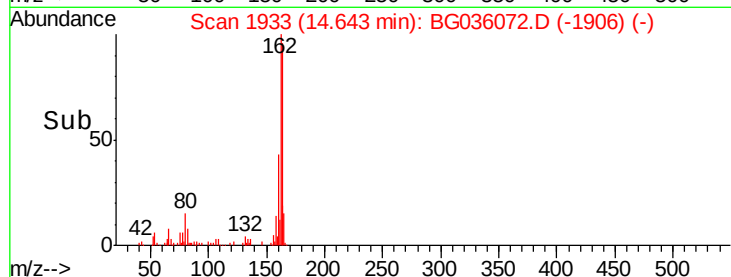
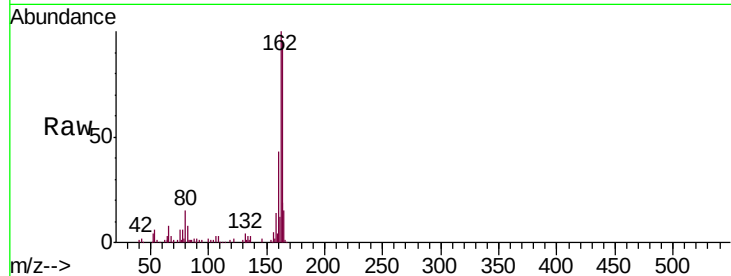




#56
 2,4-Dinitrotoluene
 Concen: 4.950 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.37 min
 Lab File: BG036072.D
 Acq: 3 Aug 2018 00:01

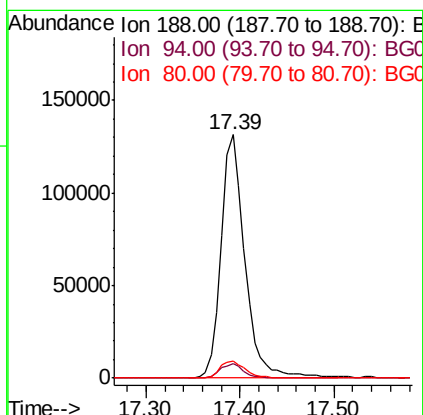
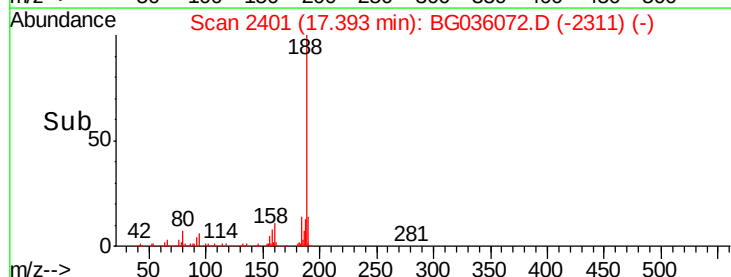
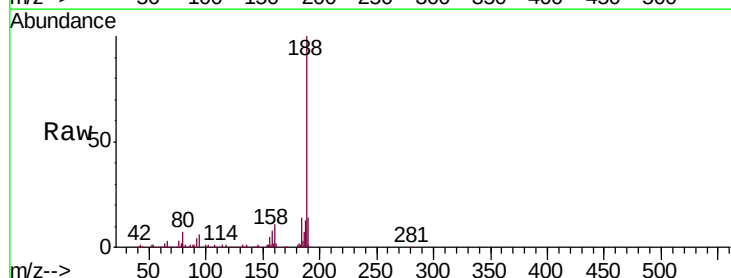
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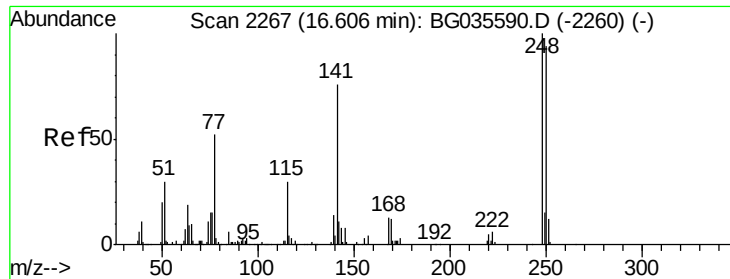
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.9	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG036072.D
 Acq: 3 Aug 2018 00:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.2	7.7	11.5#

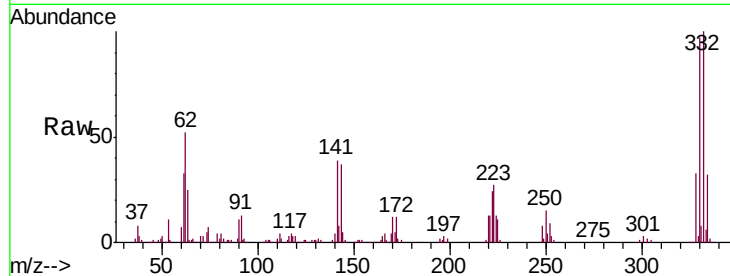




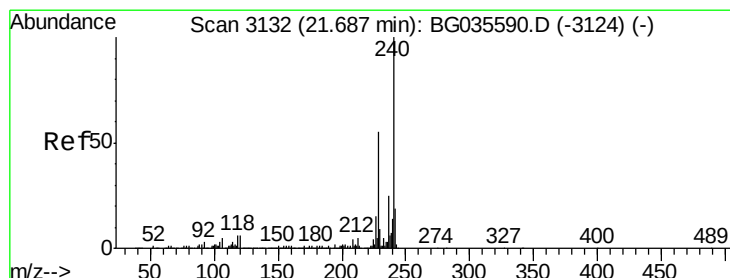
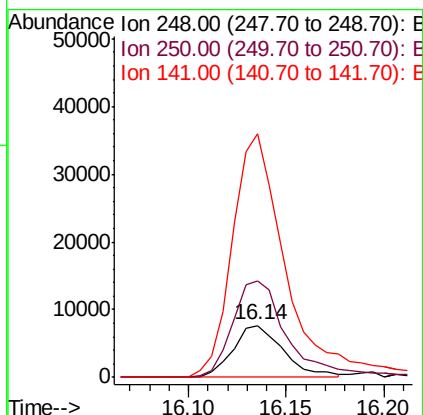
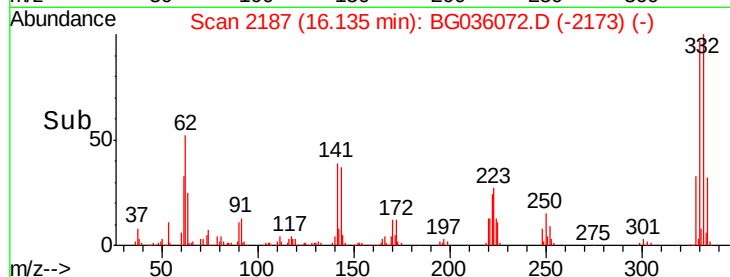
#66
 4-Bromophenyl-phenylether
 Concen: 5.056 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG036072.D
 Acq: 3 Aug 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-11-4-0718

Tgt Ion:248 Resp: 13617
 Ion Ratio Lower Upper
 248 100
 250 186.0 77.1 115.7#
 141 470.7 50.8 76.2#

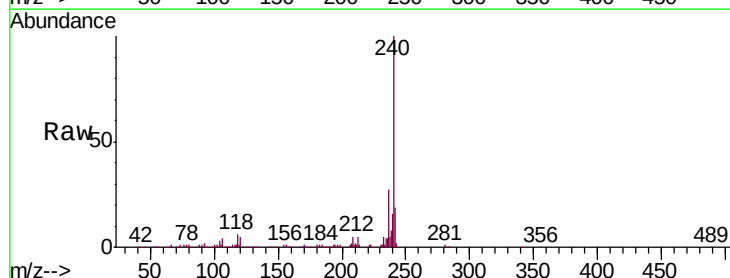


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

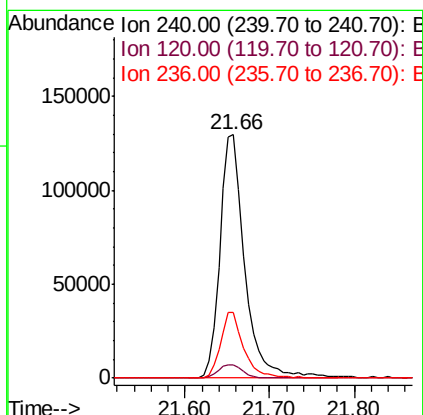
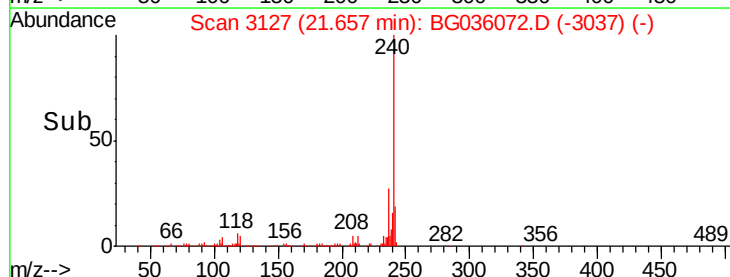


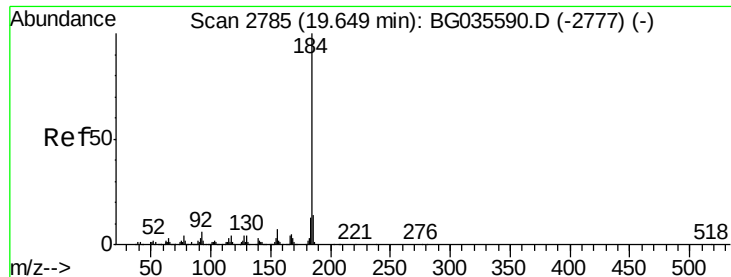
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG036072.D
 Acq: 3 Aug 2018 00:01

Tgt Ion:240 Resp: 264100
 Ion Ratio Lower Upper
 240 100
 120 5.3 6.8 10.2#
 236 26.7 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: 3.390 ng

RT: 19.99 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036072.D

Acq: 3 Aug 2018 00:01

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-11-4-0718

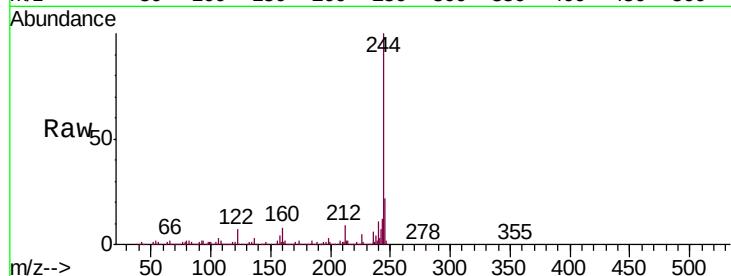
Tgt Ion:184 Resp: 23536

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

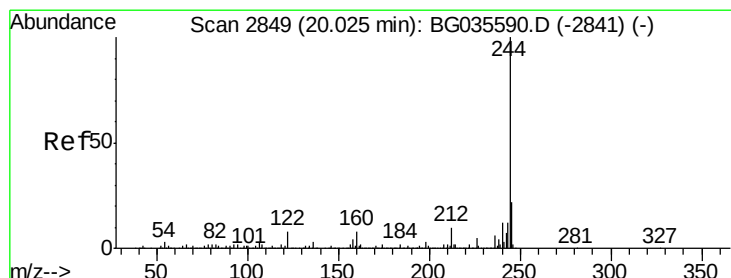
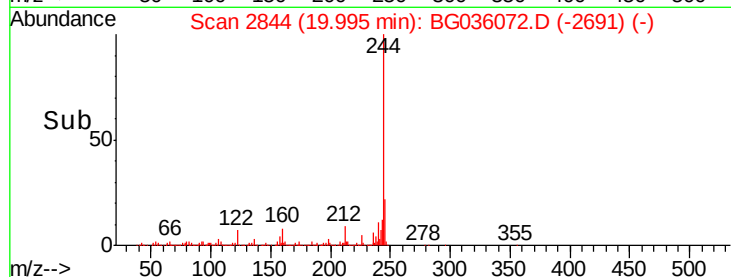
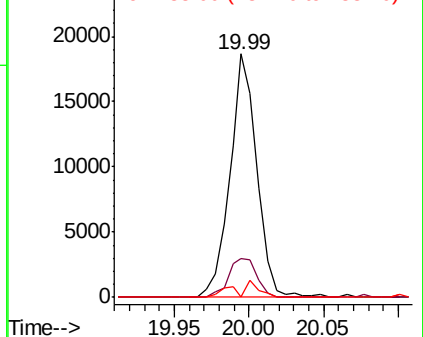
183 0.0 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 108.954 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036072.D

Acq: 3 Aug 2018 00:01

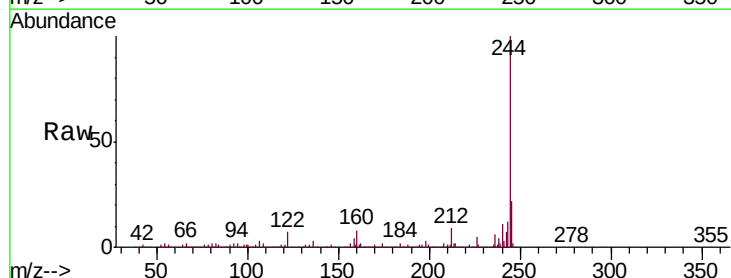
Tgt Ion:244 Resp: 1305394

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

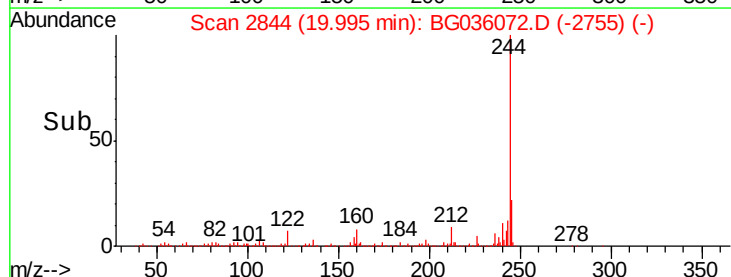
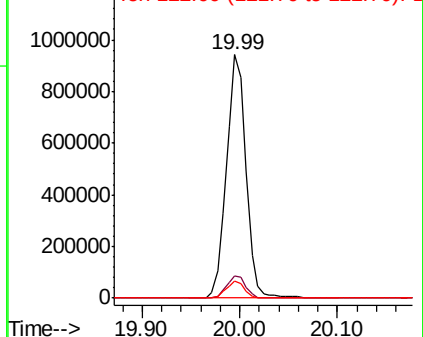
122 6.9 7.0 10.4#

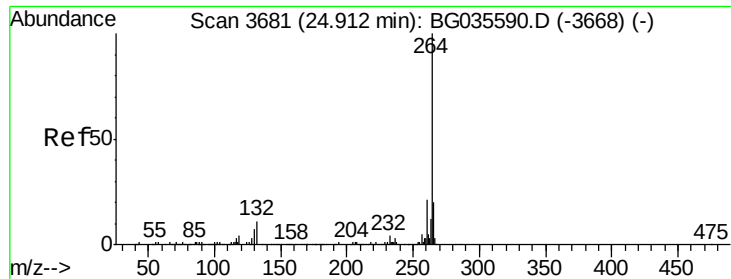


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG036072.D
Acq: 3 Aug 2018 00:01

Instrument :
BNA_G
ClientSampleId :
CB-TCLP-11-4-0718

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.3	17.7	26.5

