

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035336.D
 Acq On : 22 Jun 2018 16:48
 Operator : JU/SJ
 Sample : J3246-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018

Quant Time: Jun 22 18:31:48 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	60088	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	209839	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	150042	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	415226	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	491586	20.00	ng	-0.03
86) Perylene-d12	24.90	264	461841	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	422467	118.65	ng	-0.01
7) Phenol-d6	7.21	99	551470	104.94	ng	-0.01
23) Nitrobenzene-d5	9.22	82	442442	100.23	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	309028	160.89	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	958572	83.05	ng	-0.03
78) Terphenyl-d14	20.03	244	1935108	82.46	ng	-0.02

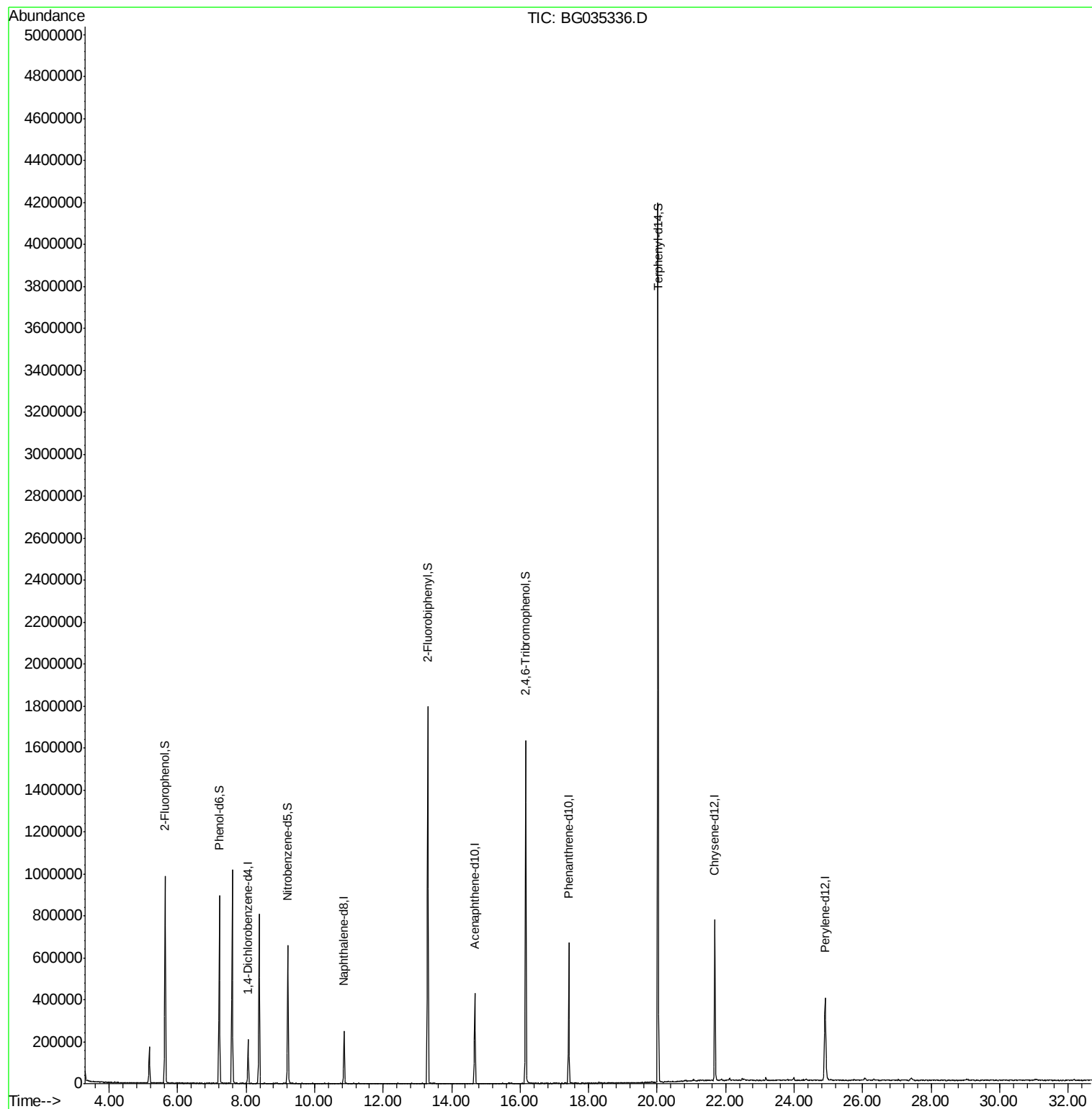
Target Compounds Qvalue

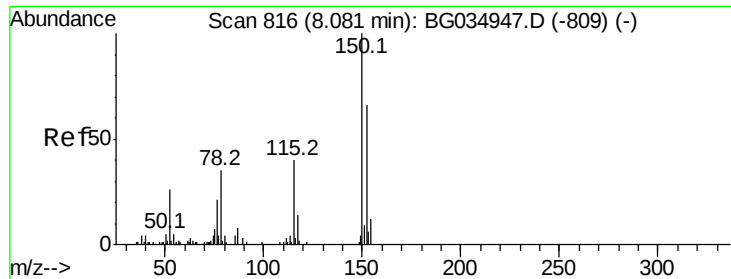
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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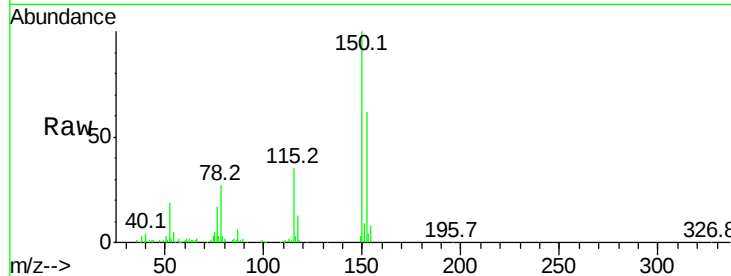


#1

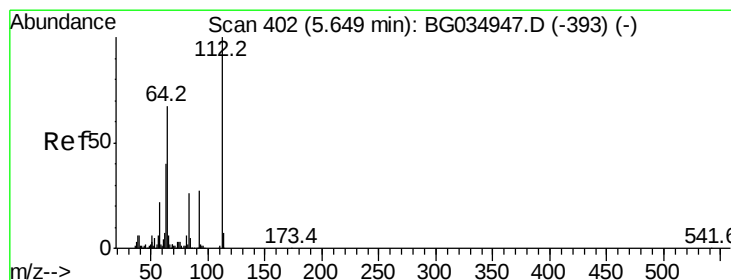
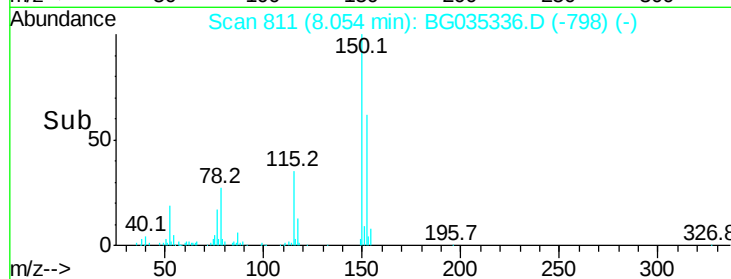
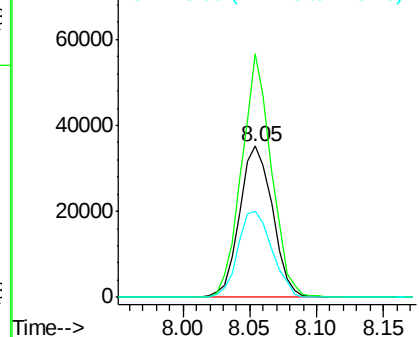
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035336.D
 Acq: 22 Jun 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018

Tot Ion:152 Resp: 60088
 Ion Ratio Lower Upper
 152 100
 150 161.1 126.6 189.8
 115 57.0 53.0 79.4



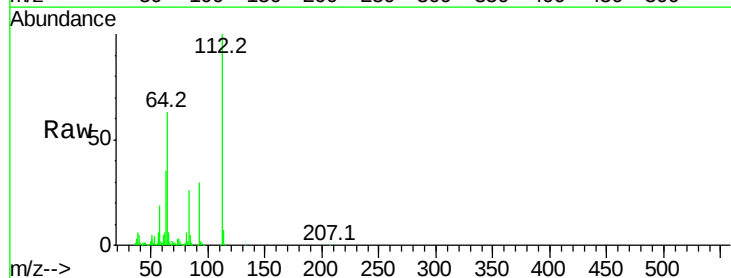
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



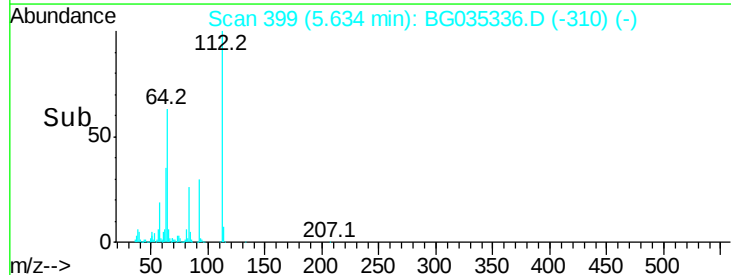
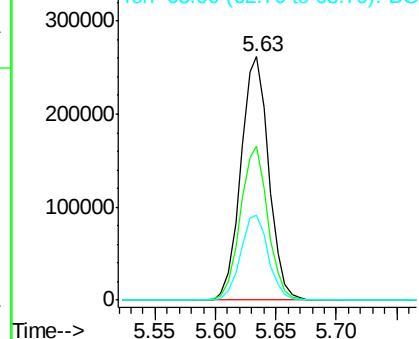
#5

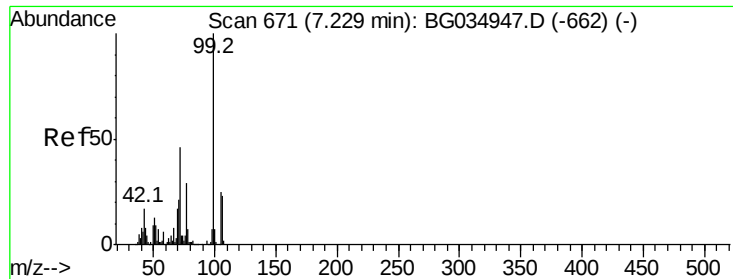
2-Fluorophenol
 Concen: 118.652 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG035336.D
 Acq: 22 Jun 2018 16:48

Tgt Ion:112 Resp: 422467
 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: 104.939 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035336.D

Acq: 22 Jun 2018 16:48

Instrument :

BNA_G

ClientSampleId :

OK-01-062018

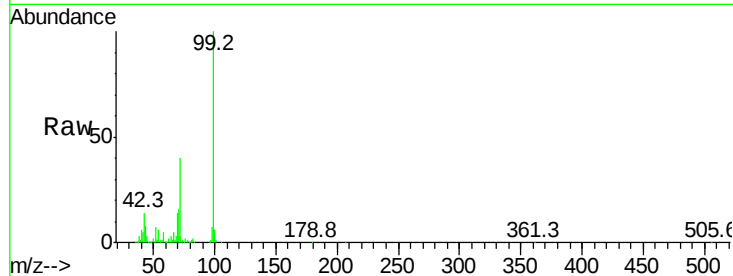
Tot Ion: 99 Resp: 551470

Ion Ratio Lower Upper

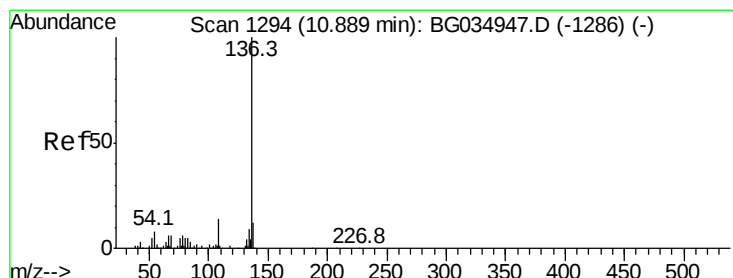
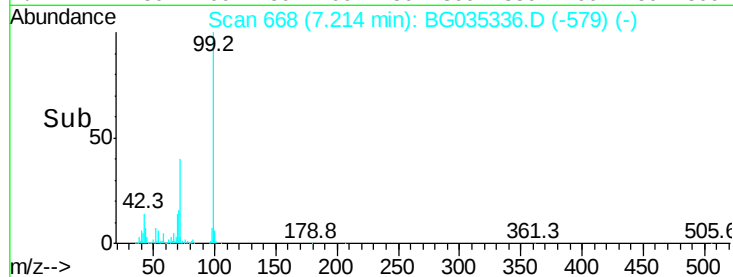
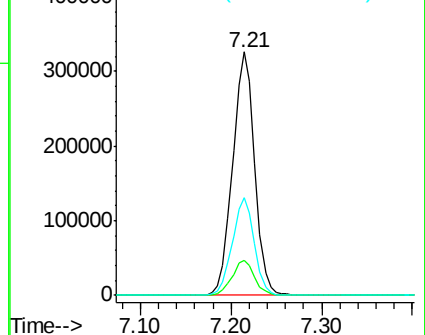
99 100

42 14.3 14.1 21.1

71 40.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035336.D

Acq: 22 Jun 2018 16:48

Tgt Ion:136 Resp: 209839

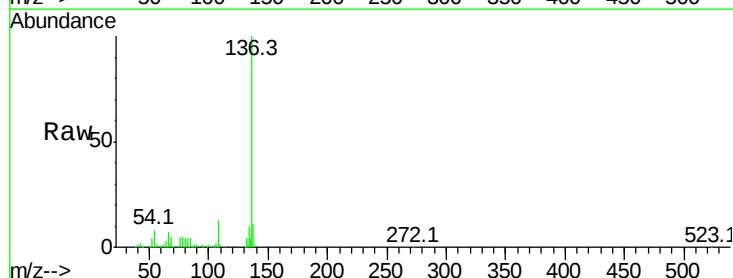
Ion Ratio Lower Upper

136 100

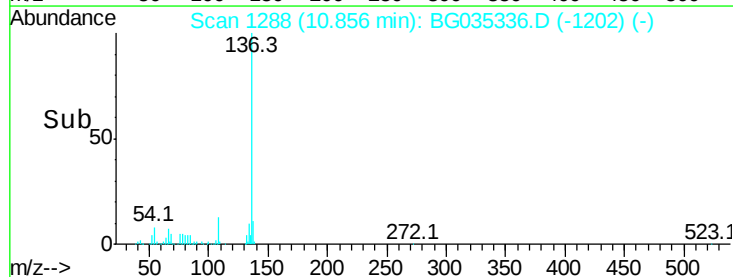
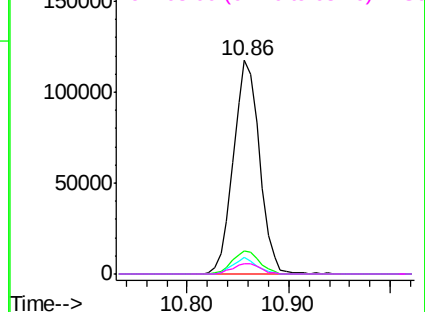
137 10.8 9.2 13.8

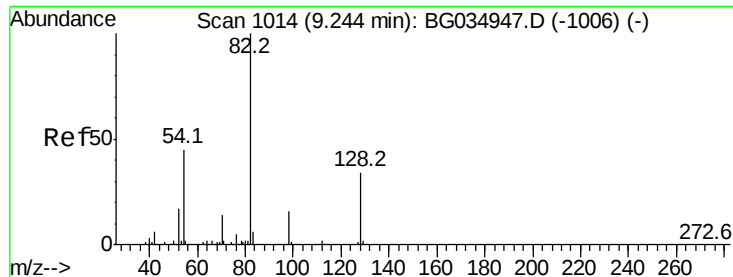
54 7.8 10.3 15.5#

68 4.8 4.5 6.7



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





#23

Nitrobenzene-d5

Concen: 100.225 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035336.D

Acq: 22 Jun 2018 16:48

Instrument :

BNA_G

ClientSampleId :

OK-01-062018

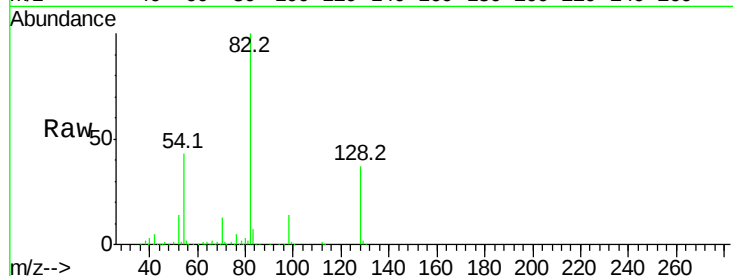
Tot Ion: 82 Resp: 442442

Ion Ratio Lower Upper

82 100

128 36.5 29.7 44.5

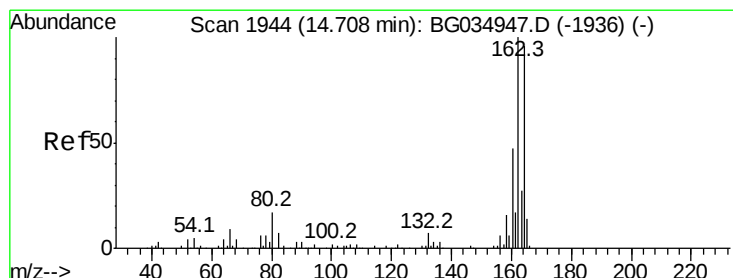
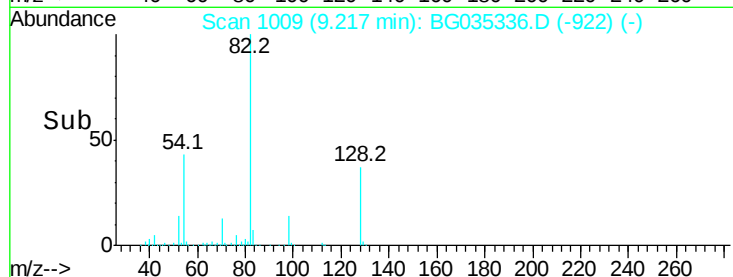
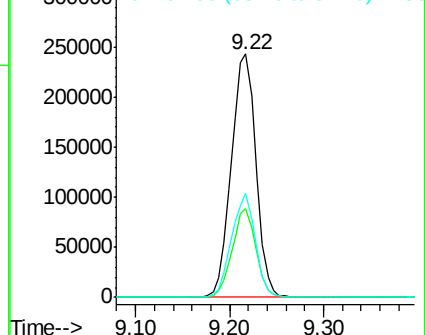
54 42.7 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035336.D

Acq: 22 Jun 2018 16:48

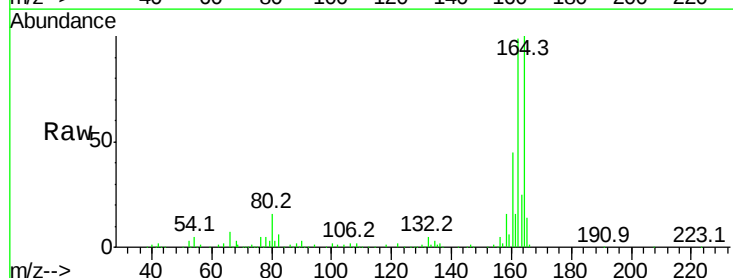
Tgt Ion:164 Resp: 150042

Ion Ratio Lower Upper

164 100

162 99.0 78.8 118.2

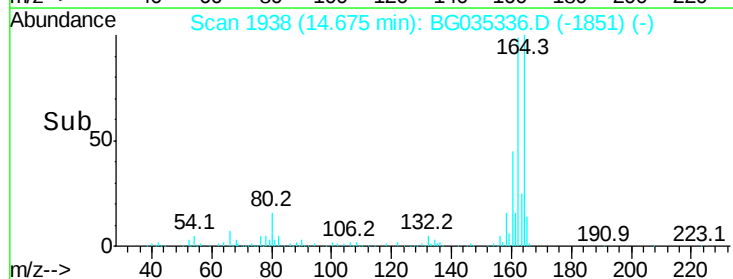
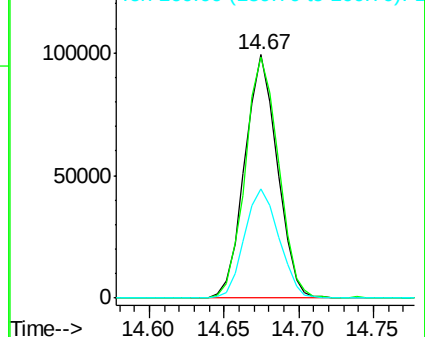
160 44.6 35.4 53.0

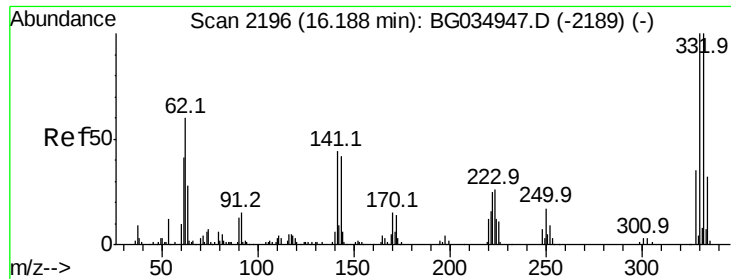


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

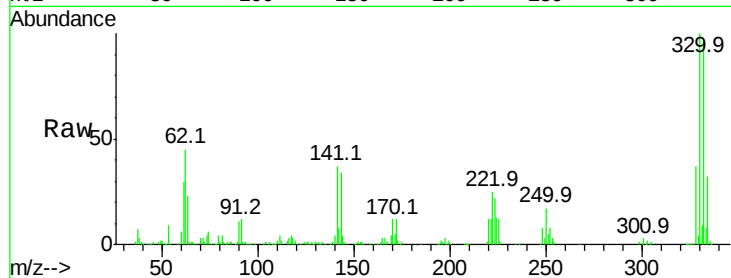




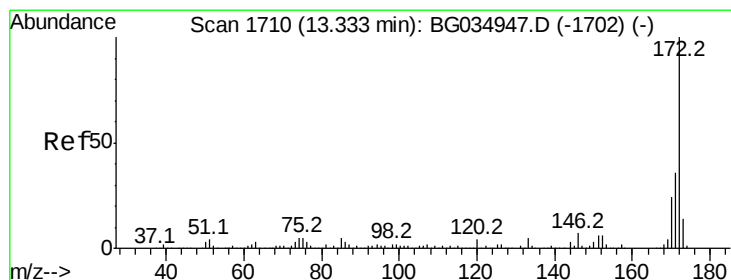
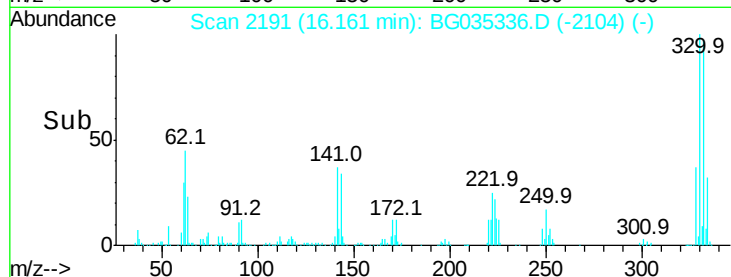
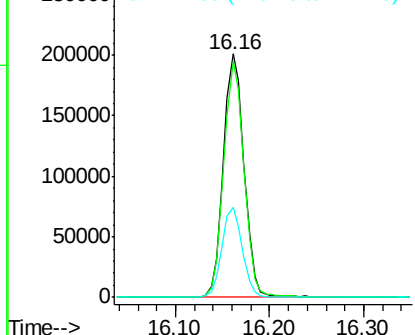
#41
 2,4,6-Tribromophenol
 Concen: 160.891 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035336.D
 Acq: 22 Jun 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	36.6	25.2	37.8

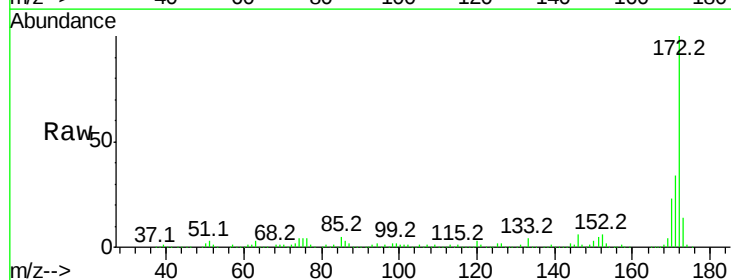


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

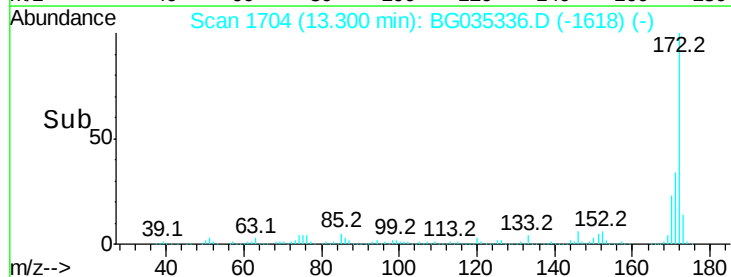
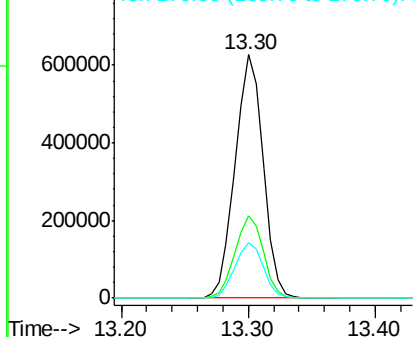


#44
 2-Fluorobiphenyl
 Concen: 83.053 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035336.D
 Acq: 22 Jun 2018 16:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	22.9	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035336.D

Acq: 22 Jun 2018 16:48

Instrument :

BNA_G

ClientSampleId :

OK-01-062018

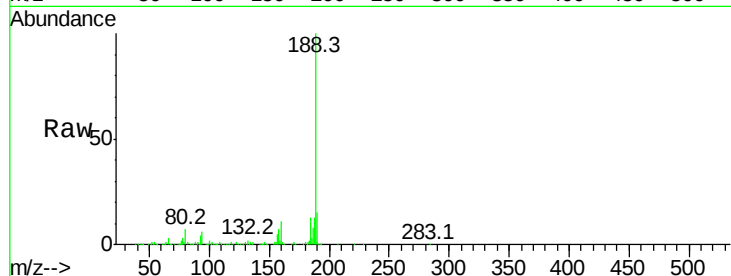
Tot Ion:188 Resp: 415226

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

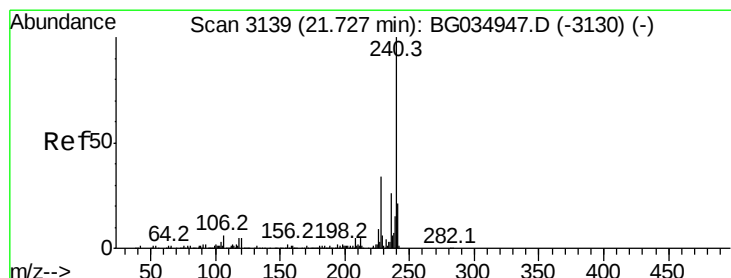
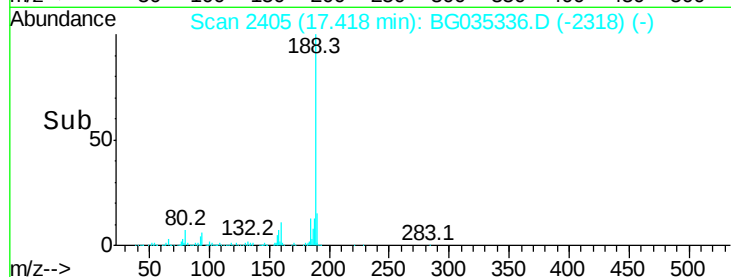
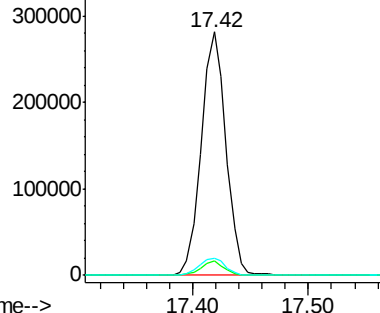
80 7.2 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.03 min

Lab File: BG035336.D

Acq: 22 Jun 2018 16:48

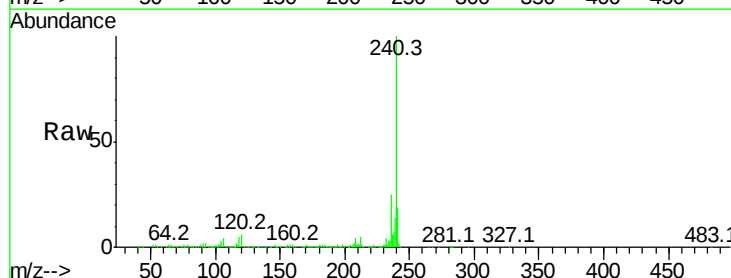
Tgt Ion:240 Resp: 491586

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

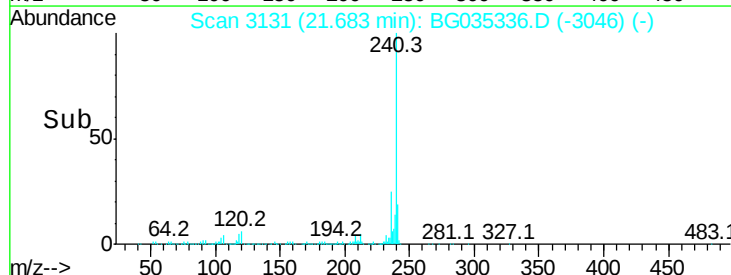
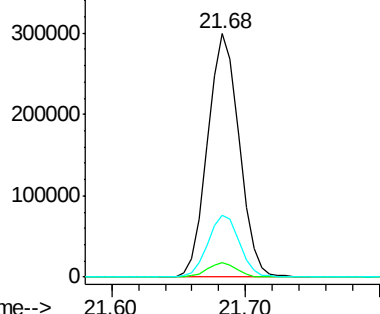
236 25.4 20.9 31.3

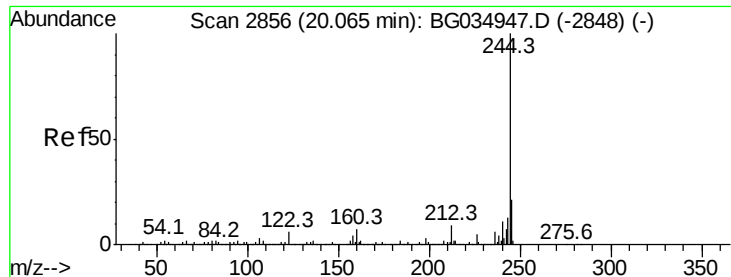


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.456 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035336.D

Acq: 22 Jun 2018 16:48

Instrument :

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ClientSampleId :

OK-01-062018

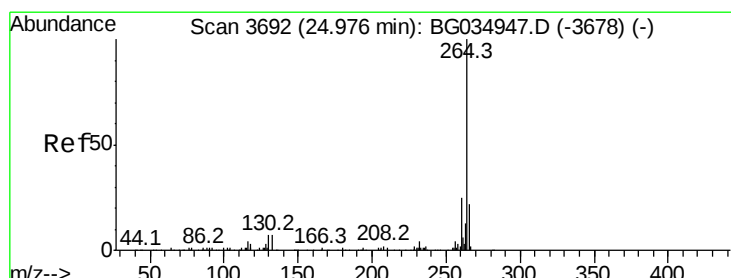
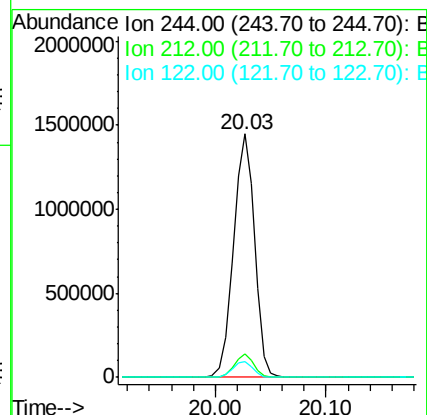
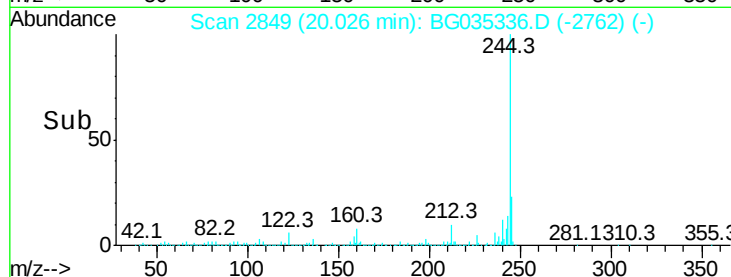
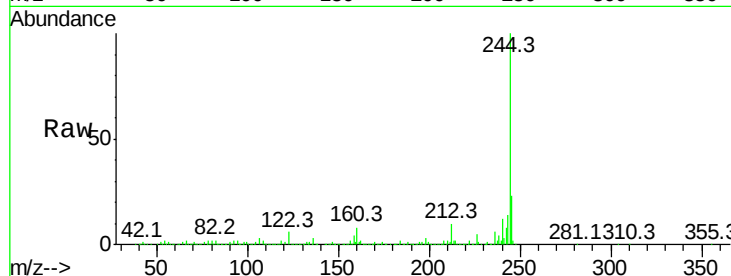
Tot Ion:244 Resp: 1935108

Ion Ratio Lower Upper

244 100

212 9.7 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: BG035336.D

Acq: 22 Jun 2018 16:48

Tgt Ion:264 Resp: 461841

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.7 17.7 26.5

