

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035432.D
 Acq On : 27 Jun 2018 5:57
 Operator : JU/SJ
 Sample : J3705-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GUNHILL-FIELDBLANK-1-6-21-18

Quant Time: Jun 27 08:03:48 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	52405	20.00	ng	-0.03
21) Naphthalene-d8	10.85	136	200070	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	148130	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	392659	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	419007	20.00	ng	-0.04
86) Perylene-d12	24.89	264	397994	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	213488	68.75	ng	-0.02
7) Phenol-d6	7.21	99	189958	41.45	ng	-0.02
23) Nitrobenzene-d5	9.21	82	469467	111.54	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	341969	180.34	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1059850	93.01	ng	-0.03
78) Terphenyl-d14	20.02	244	1905336	95.25	ng	-0.02

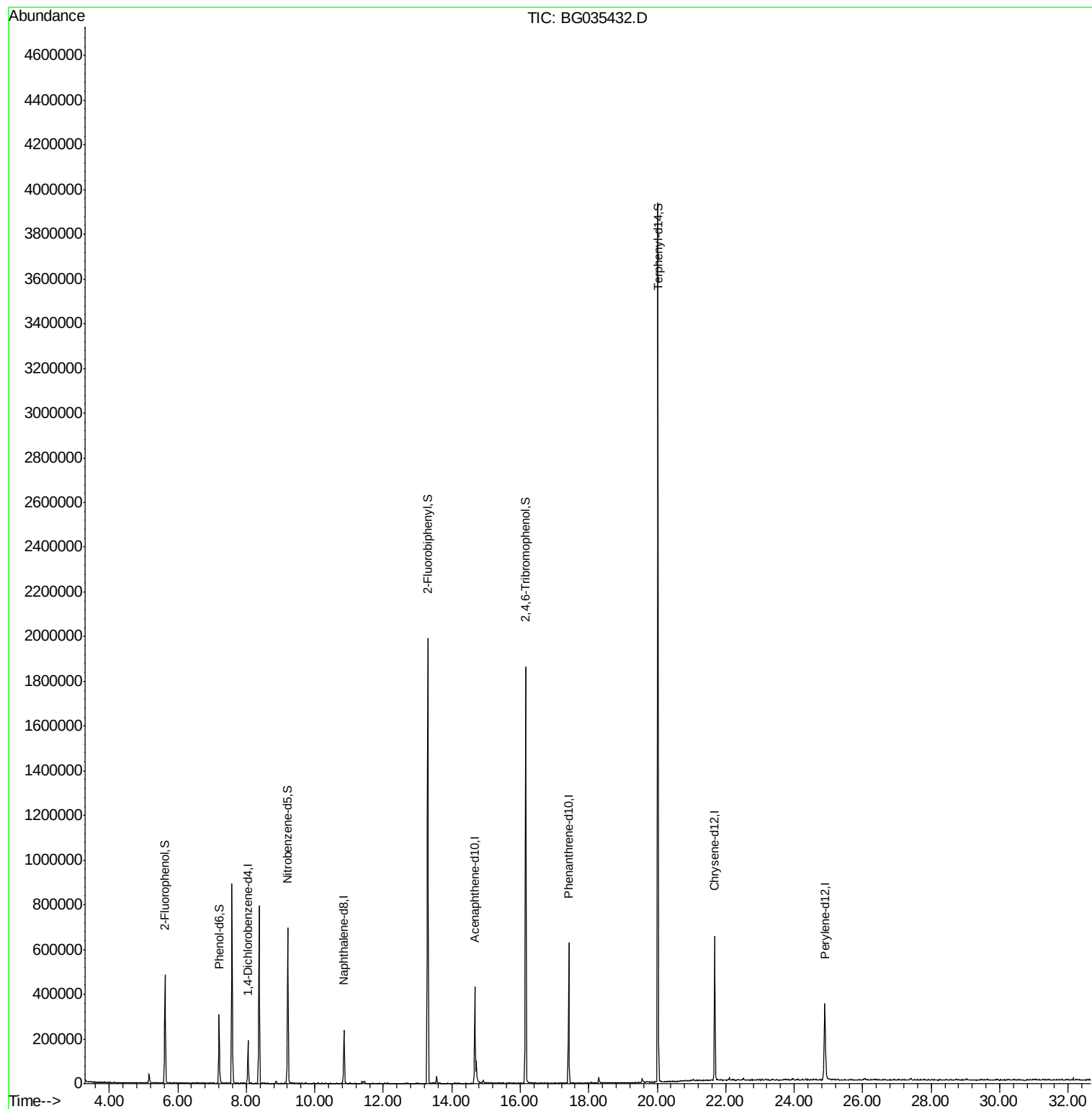
Target Compounds Qvalue

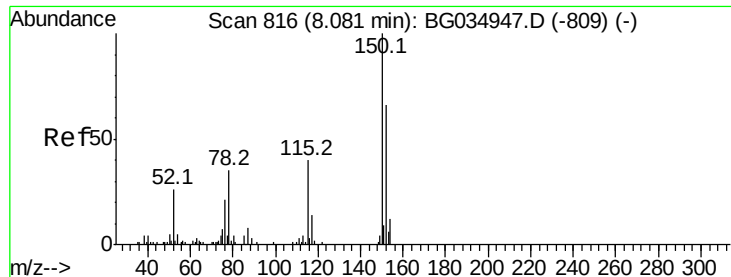
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.03 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

Instrument :

BNA_G

ClientSampleId :

GUNHILL-FIELDBLANK-1-6-21-18

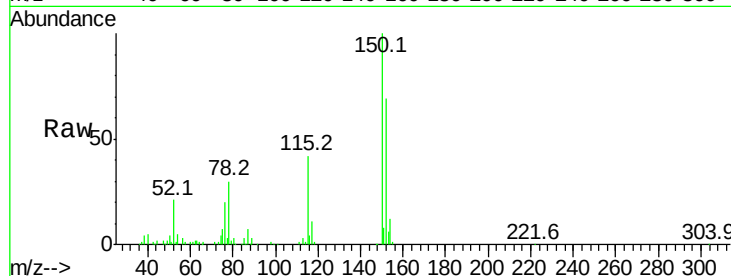
Tot Ion:152 Resp: 52405

Ion Ratio Lower Upper

152 100

150 144.4 126.6 189.8

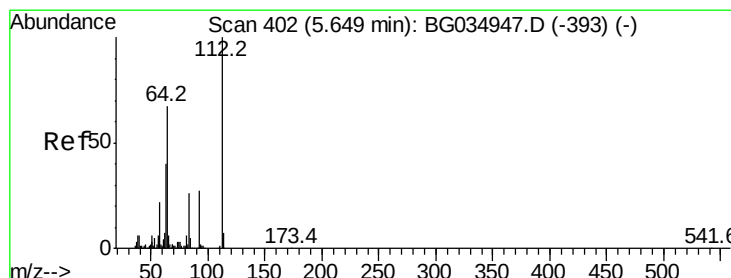
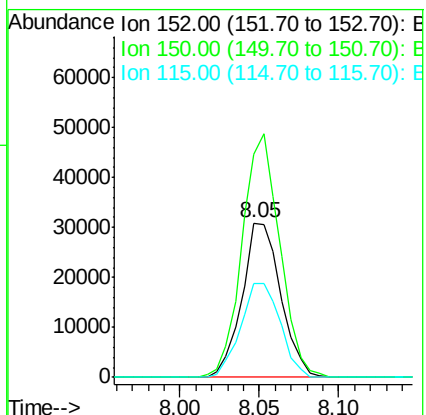
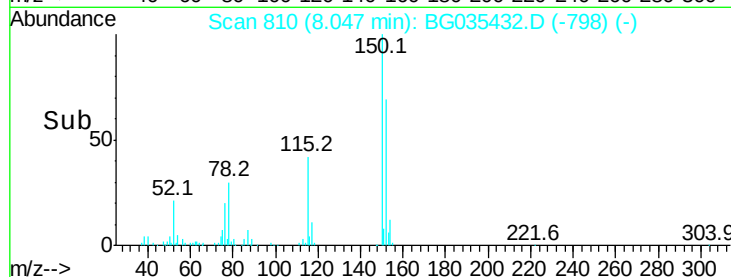
115 61.2 53.0 79.4



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



#5

2-Fluorophenol

Concen: 68.750 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.02 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

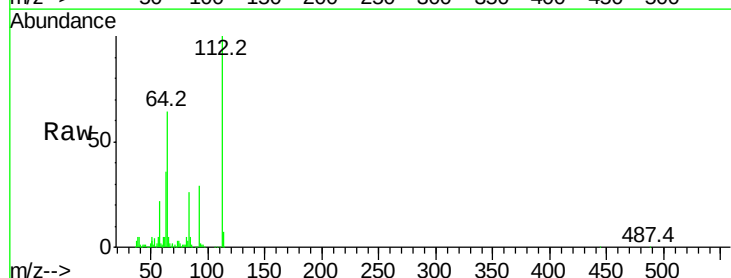
Tgt Ion:112 Resp: 213488

Ion Ratio Lower Upper

112 100

64 64.3 56.3 84.5

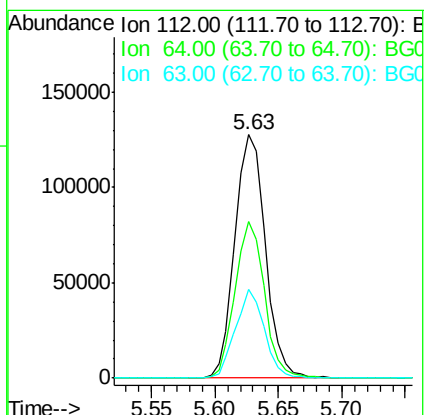
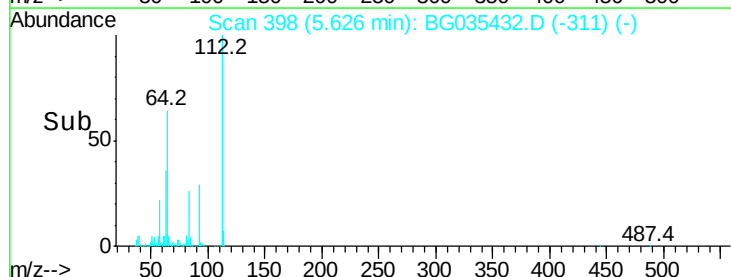
63 36.2 30.1 45.1

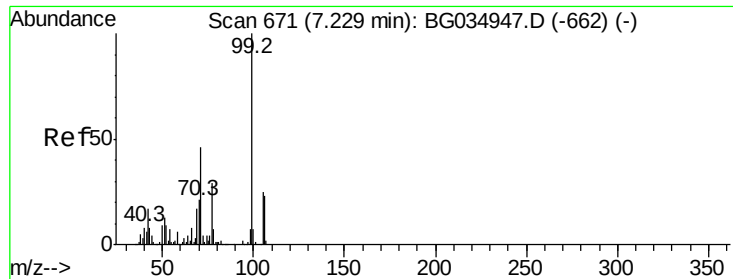


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.446 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

Instrument :

BNA_G

ClientSampleId :

GUNHILL-FIELDBLANK-1-6-21-18

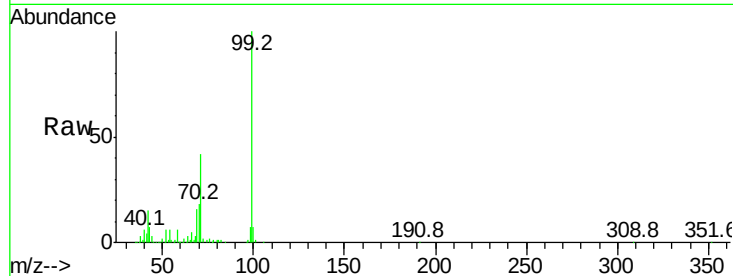
Tot Ion: 99 Resp: 189958

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

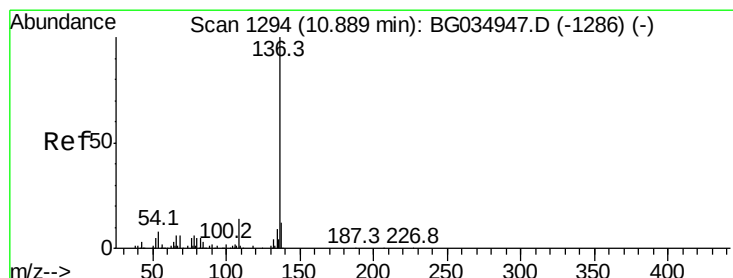
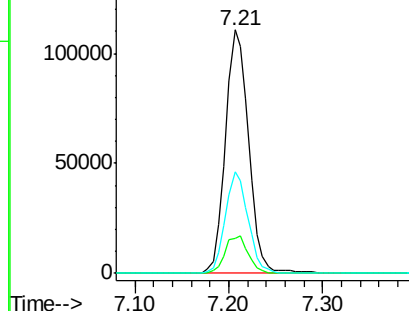
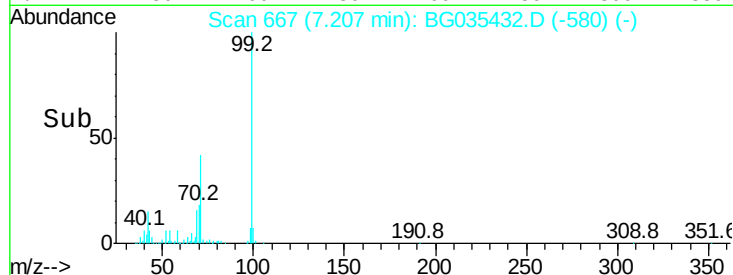
71 41.7 26.1 39.1#



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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

Tgt Ion: 136 Resp: 200070

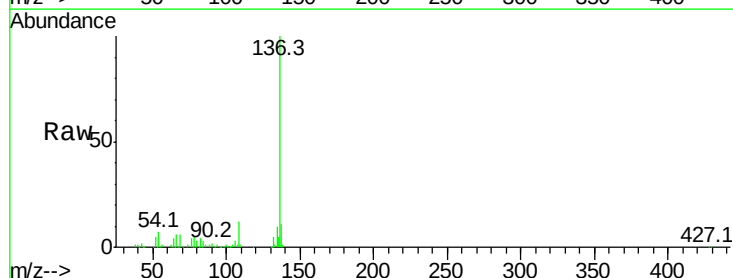
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.4 10.3 15.5#

68 5.7 4.5 6.7

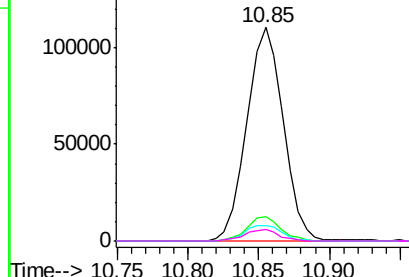
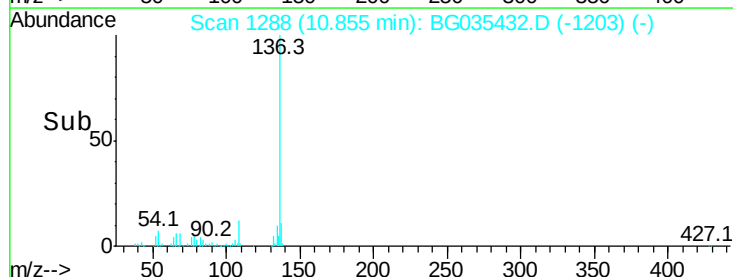


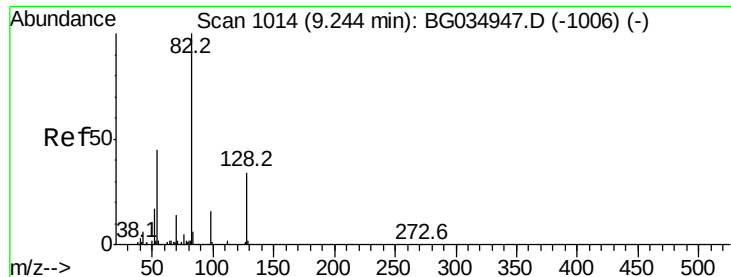
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

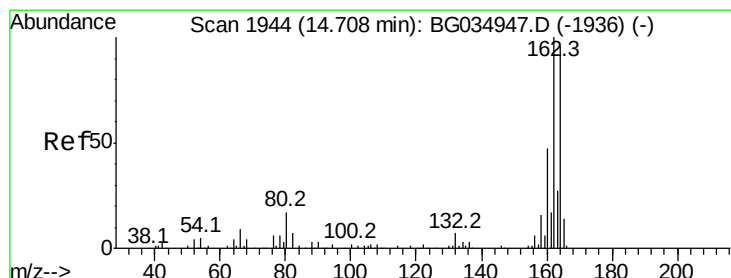
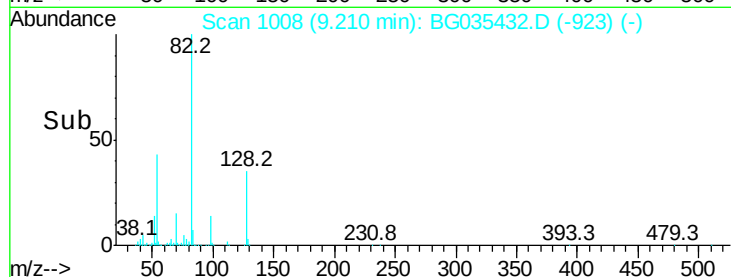
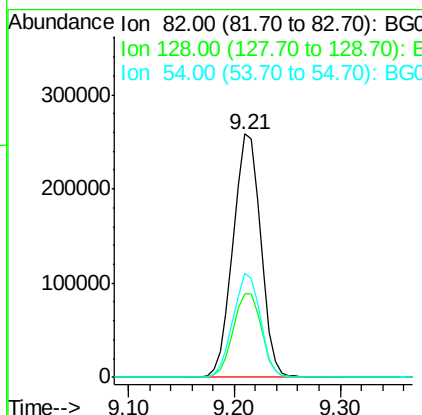
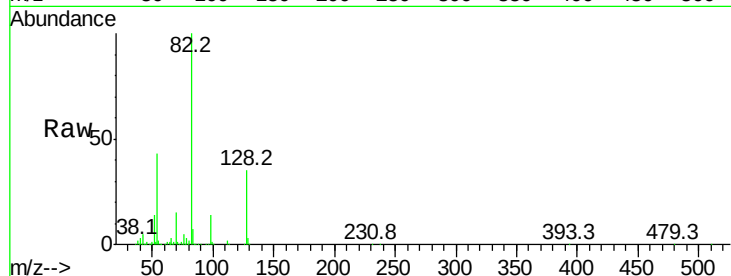




#23
 Nitrobenzene-d5
 Concen: 111.540 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035432.D
 Acq: 27 Jun 2018 5:57

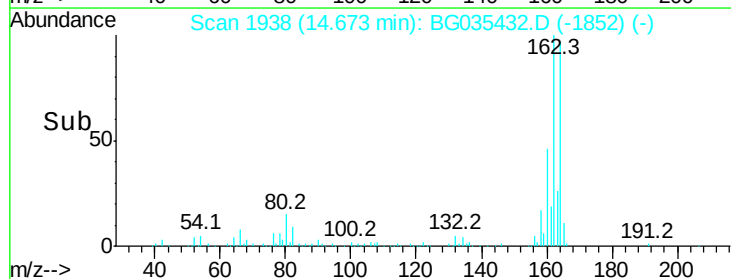
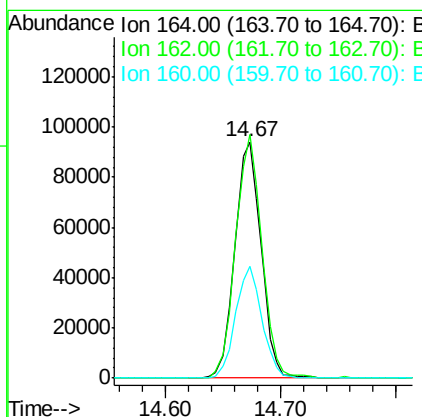
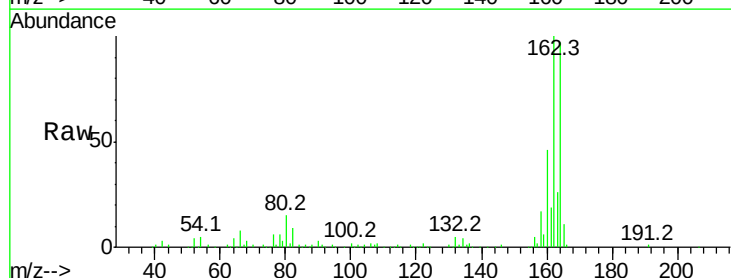
Instrument :
 BNA_G
 ClientSampleId :
 GUNHILL-FIELDBLANK-1-6-21-18

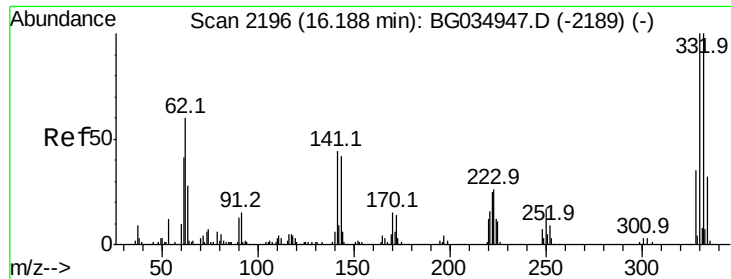
Tot Ion: 82 Resp: 469467
 Ion Ratio Lower Upper
 82 100
 128 34.6 29.7 44.5
 54 42.5 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035432.D
 Acq: 27 Jun 2018 5:57

Tgt Ion:164 Resp: 148130
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 47.4 35.4 53.0

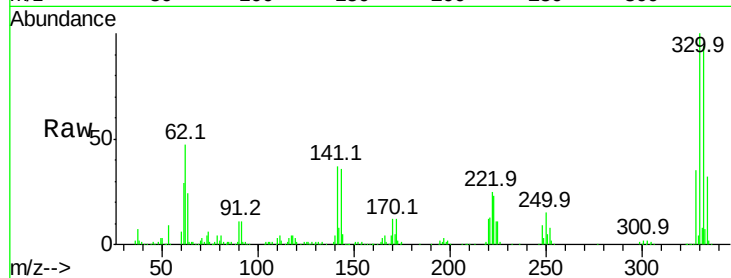




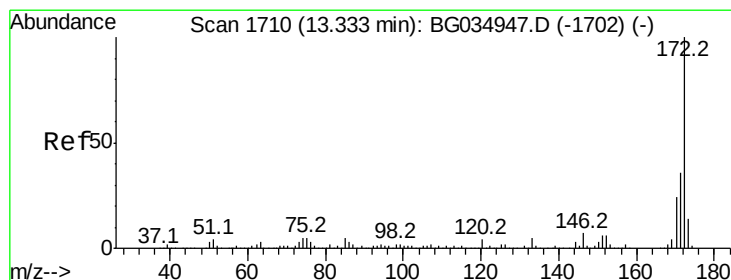
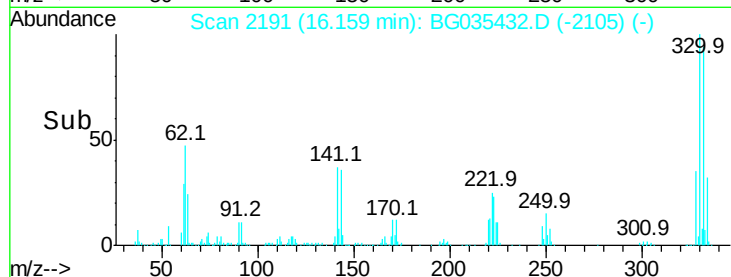
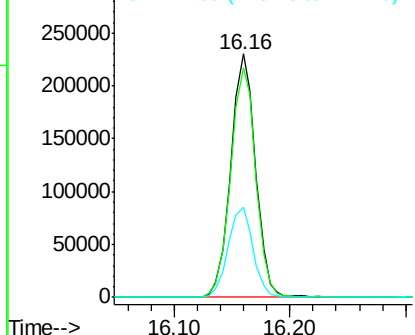
#41
 2,4,6-Tribromophenol
 Concen: 180.339 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035432.D
 Acq: 27 Jun 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 GUNHILL-FIELDBLANK-1-6-21-18

Tot Ion:330 Resp: 341969
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 37.3 25.2 37.8

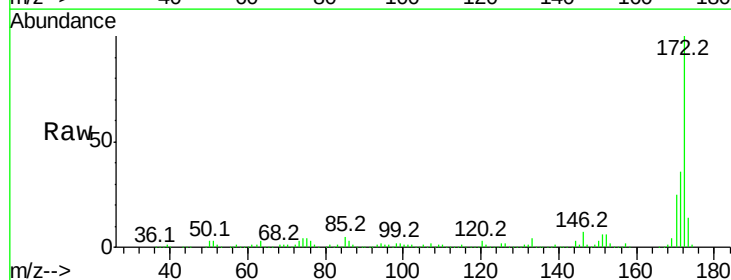


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

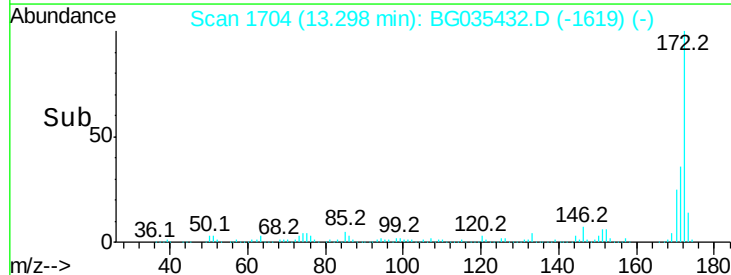
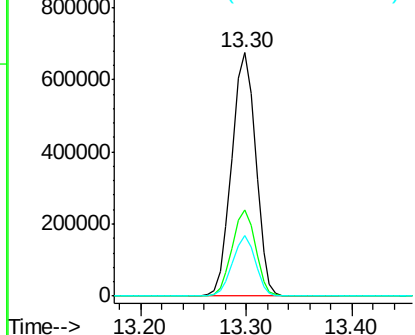


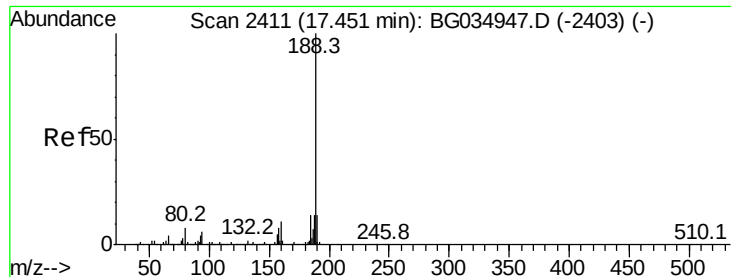
#44
 2-Fluorobiphenyl
 Concen: 93.013 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035432.D
 Acq: 27 Jun 2018 5:57

Tgt Ion:172 Resp: 1059850
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 24.7 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

Instrument :

BNA_G

ClientSampleId :

GUNHILL-FIELDBLANK-1-6-21-18

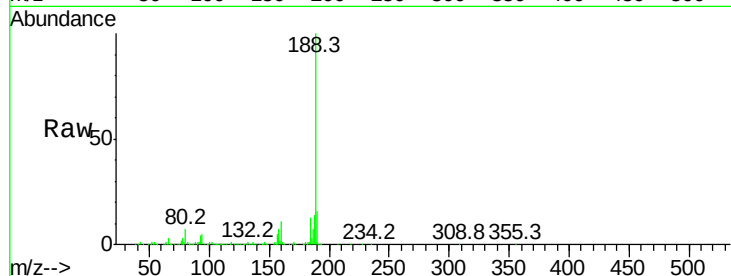
Tot Ion:188 Resp: 392659

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

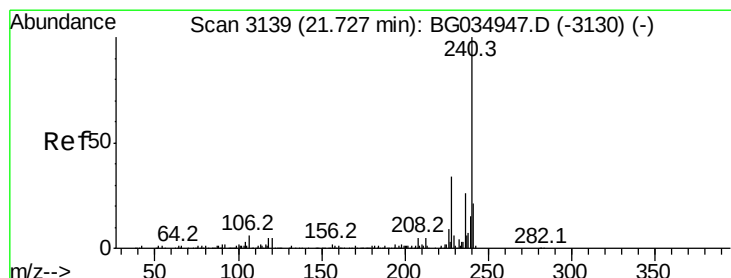
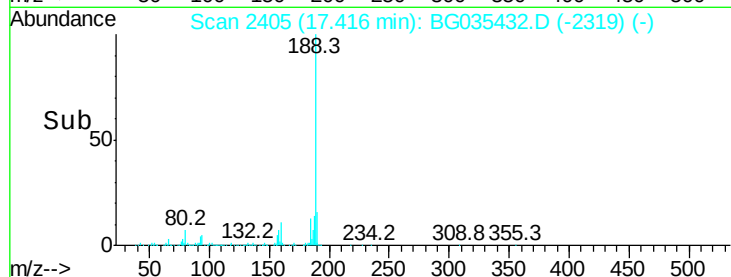
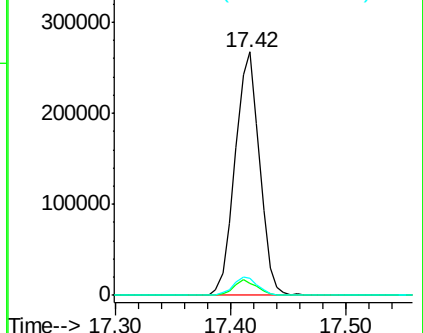
80 6.8 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

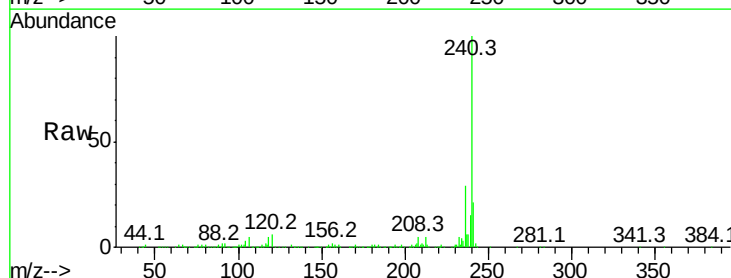
Tgt Ion:240 Resp: 419007

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

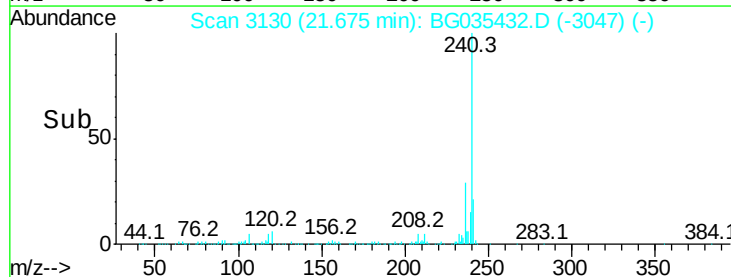
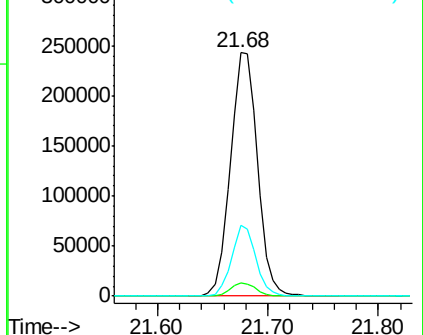
236 29.1 20.9 31.3

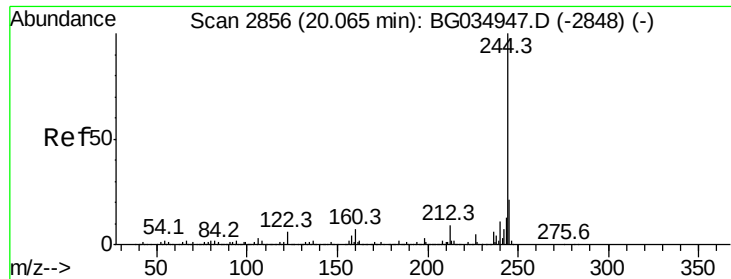


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.250 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

Instrument :

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GUNHILL-FIELDBLANK-1-6-21-18

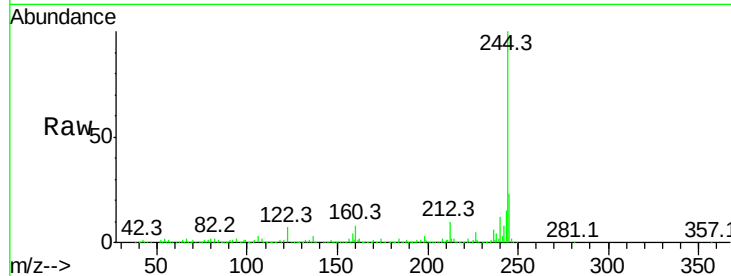
Tot Ion:244 Resp: 1905336

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

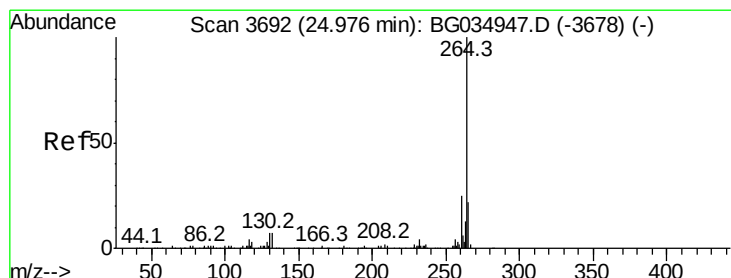
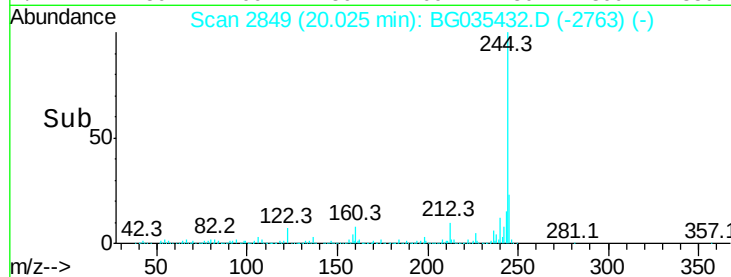
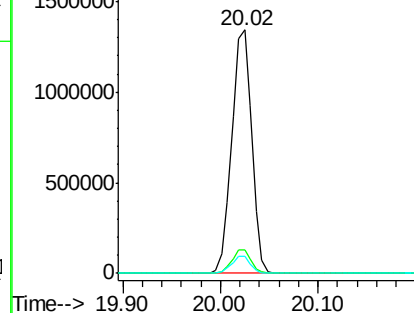
122 6.9 7.0 10.4#



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: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035432.D

Acq: 27 Jun 2018 5:57

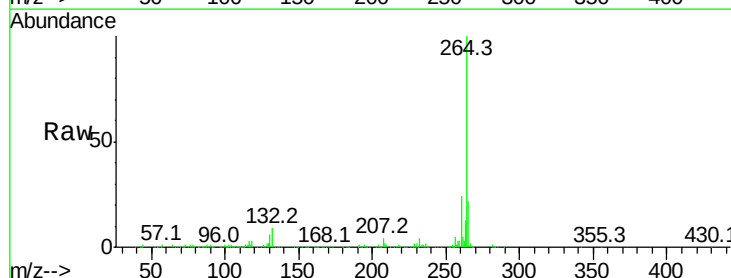
Tgt Ion:264 Resp: 397994

Ion Ratio Lower Upper

264 100

260 23.8 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

