

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
 Data File : BG035492.D
 Acq On : 29 Jun 2018 00:10
 Operator : JU/SJ
 Sample : J3718-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GUN-HILL-FIELD-BLANK-2-6-22-18

Quant Time: Jun 29 04:24:17 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	35705	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	128404	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	90622	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	246197	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	267227	20.00	ng	-0.04
86) Perylene-d12	24.89	264	248810	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	138500	65.46	ng	-0.02
7) Phenol-d6	7.21	99	125157	40.08	ng	-0.02
23) Nitrobenzene-d5	9.21	82	322776	119.49	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	215316	185.60	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	737215	105.76	ng	-0.03
78) Terphenyl-d14	20.02	244	1390557	109.00	ng	-0.02

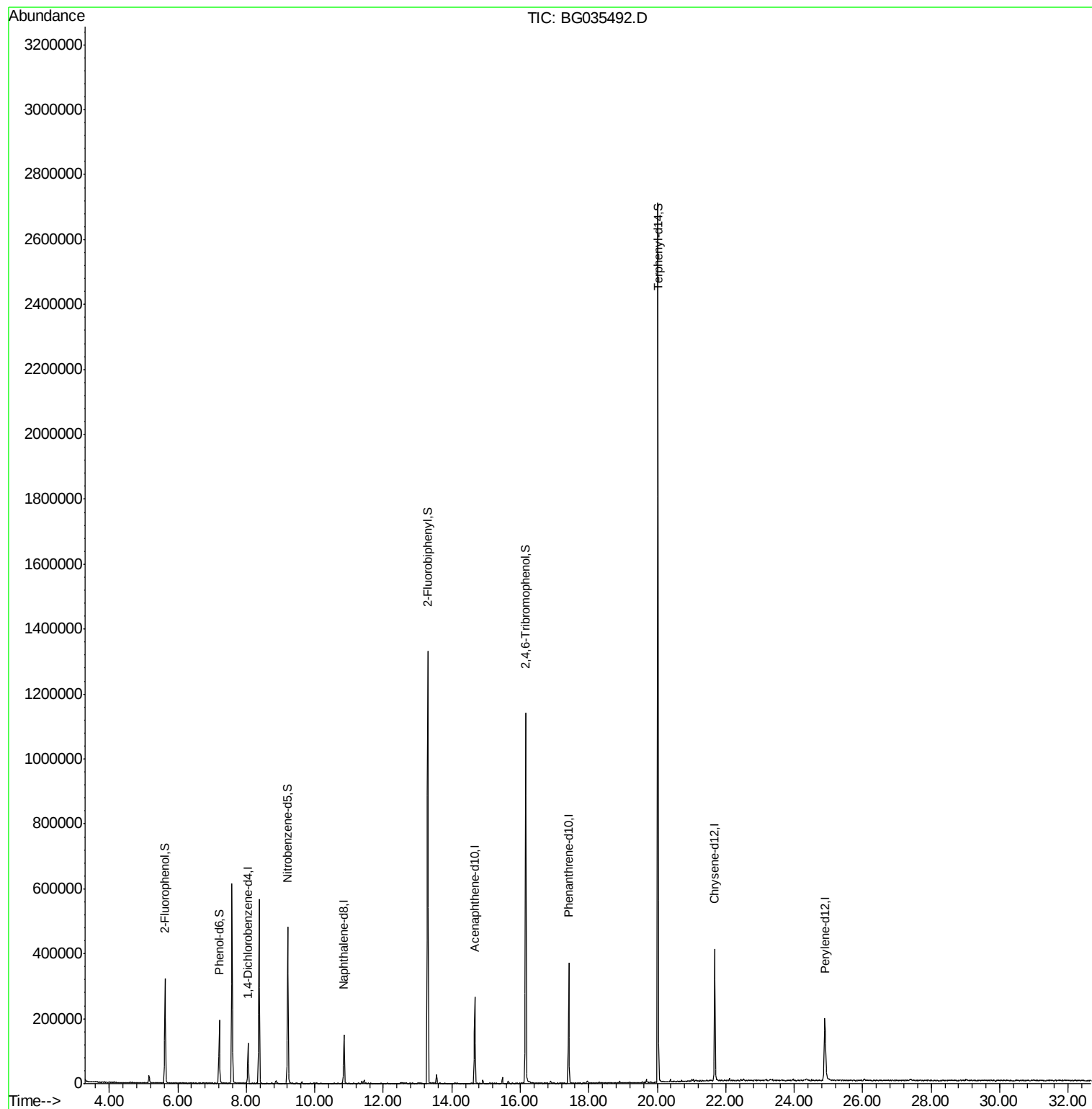
Target Compounds Qvalue

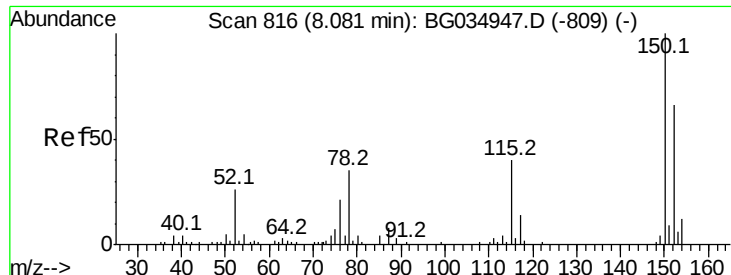
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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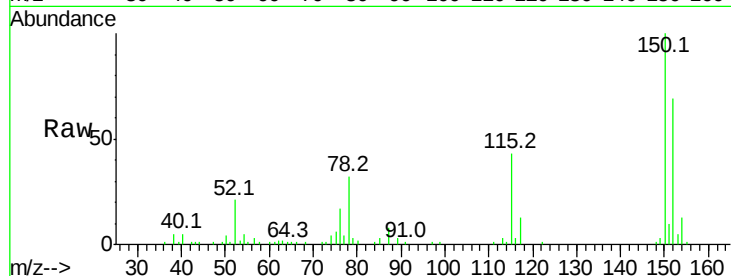


#1

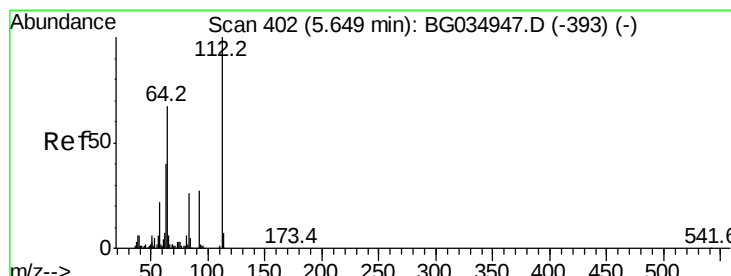
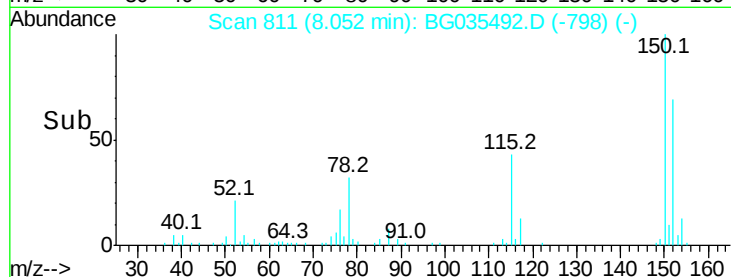
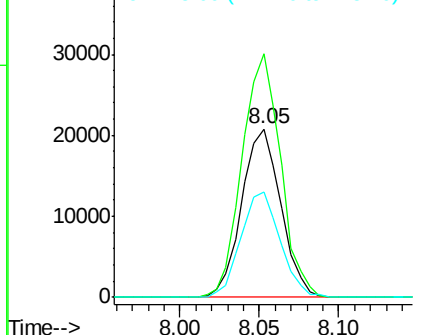
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035492.D
 Acq: 29 Jun 2018 00:10

Instrument :
 BNA_G
 ClientSampleId :
 GUN-HILL-FIELD-BLANK-2-6-22-18

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	126.6	189.8
115	62.3	53.0	79.4



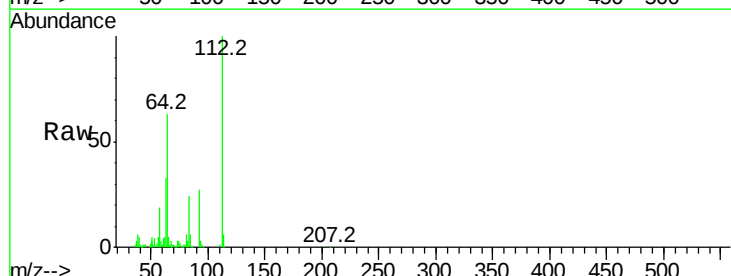
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



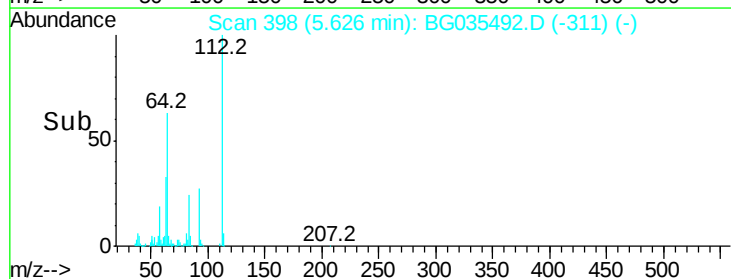
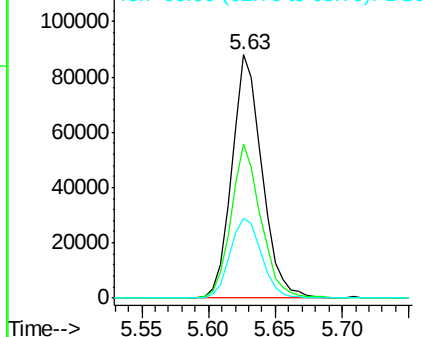
#5

2-Fluorophenol
 Concen: 65.462 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BG035492.D
 Acq: 29 Jun 2018 00:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.3	84.5
63	32.7	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: 40.080 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035492.D

Acq: 29 Jun 2018 00:10

Instrument :

BNA_G

ClientSampleId :

GUN-HILL-FIELD-BLANK-2-6-22-18

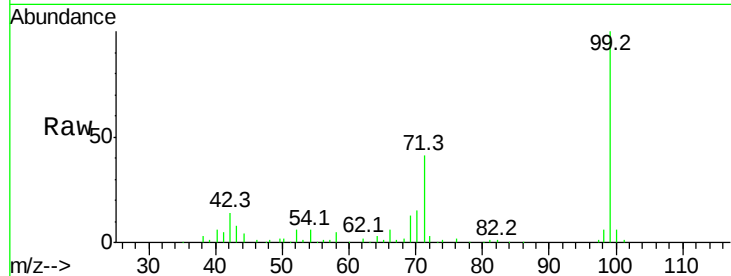
Tot Ion: 99 Resp: 125157

Ion Ratio Lower Upper

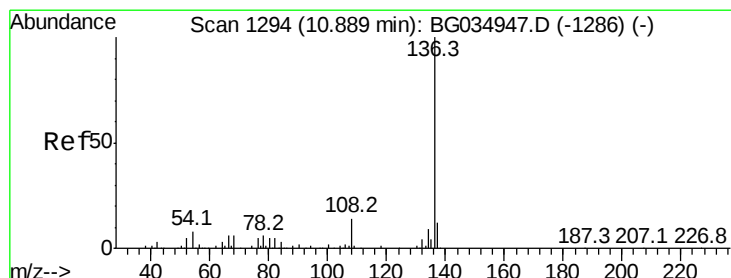
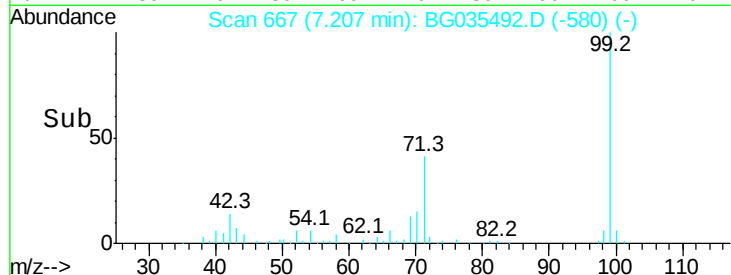
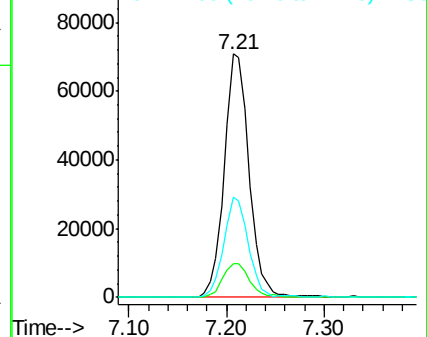
99 100

42 13.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035492.D

Acq: 29 Jun 2018 00:10

Tgt Ion: 136 Resp: 128404

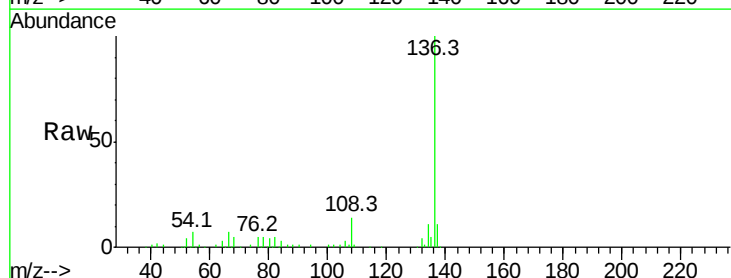
Ion Ratio Lower Upper

136 100

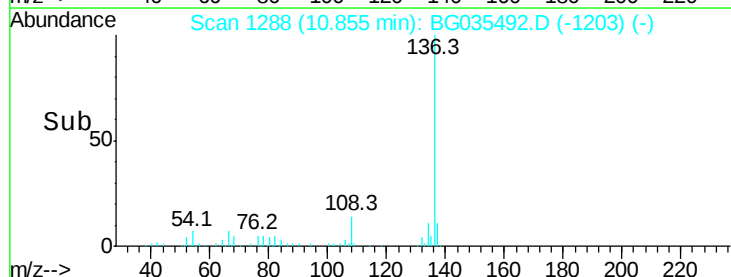
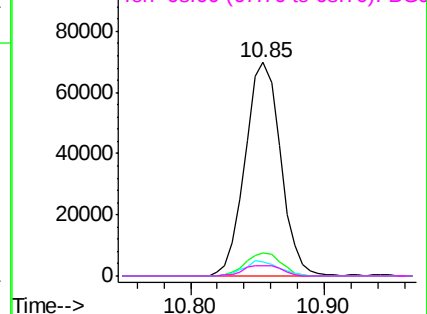
137 10.7 9.2 13.8

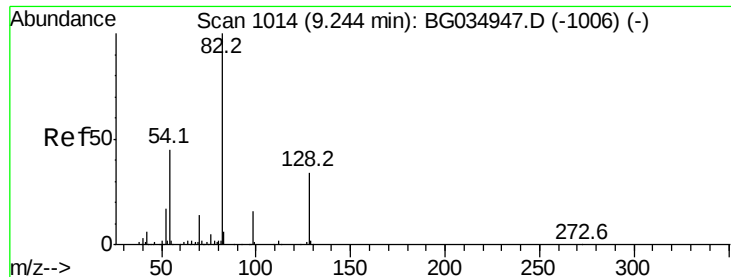
54 6.8 10.3 15.5#

68 4.9 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

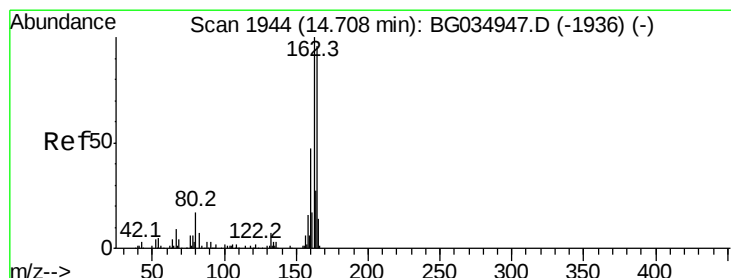
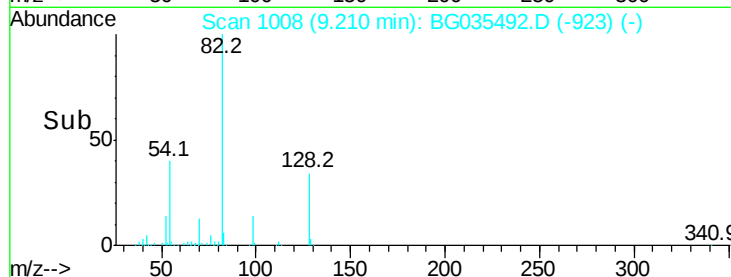
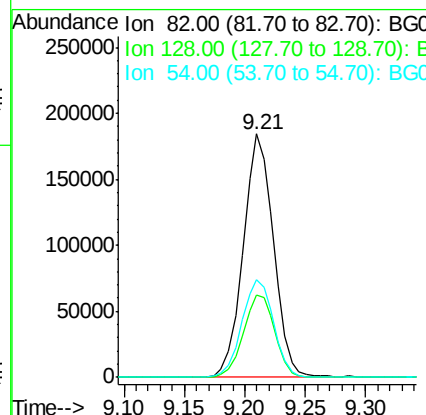
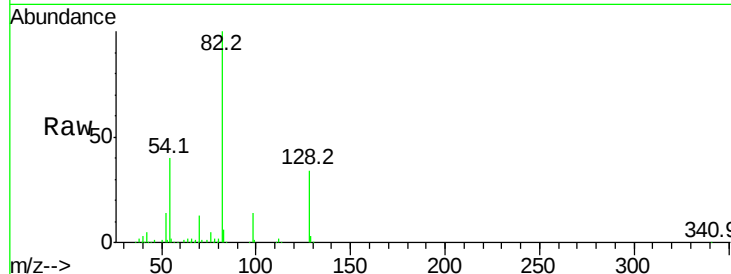




#23
 Nitrobenzene-d5
 Concen: 119.490 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035492.D
 Acq: 29 Jun 2018 00:10

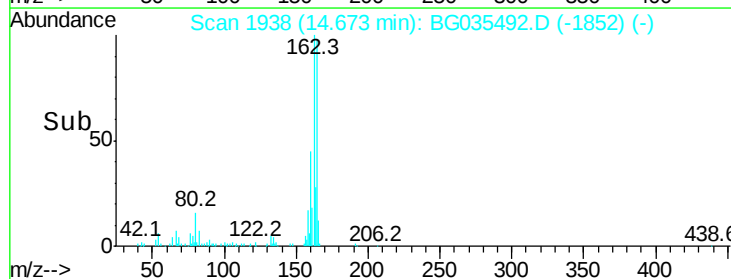
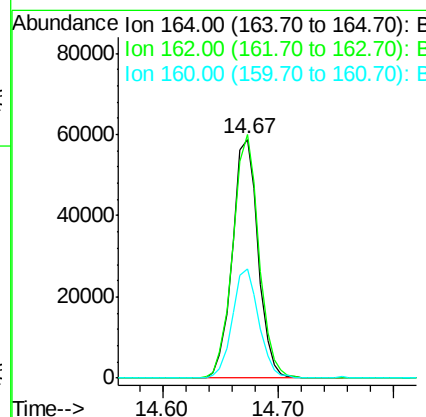
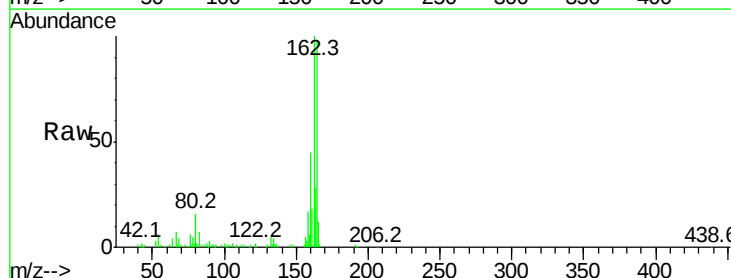
Instrument :
 BNA_G
 ClientSampleId :
 GUN-HILL-FIELD-BLANK-2-6-22-18

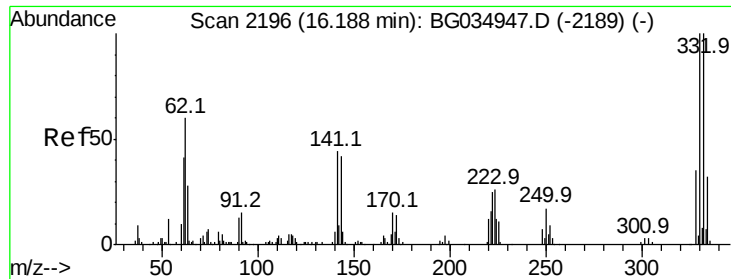
Tot Ion	82	Resp	322776
Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	40.2	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035492.D
 Acq: 29 Jun 2018 00:10

Tgt Ion	164	Resp	90622
Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	45.6	35.4	53.0

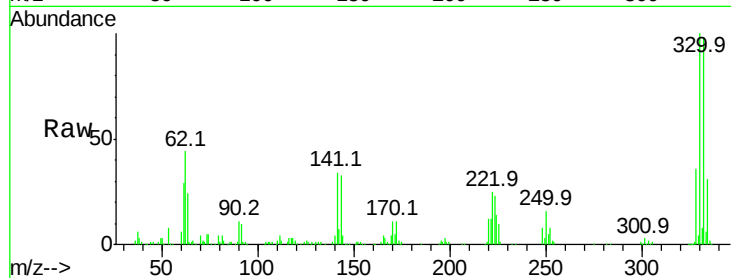




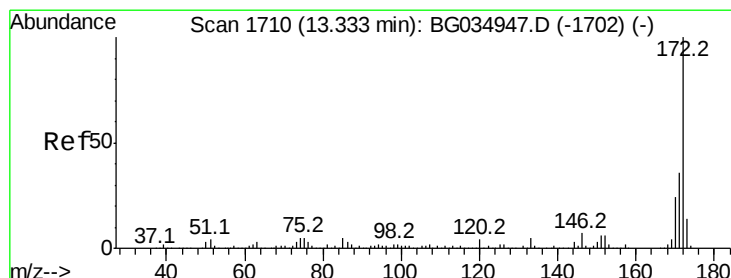
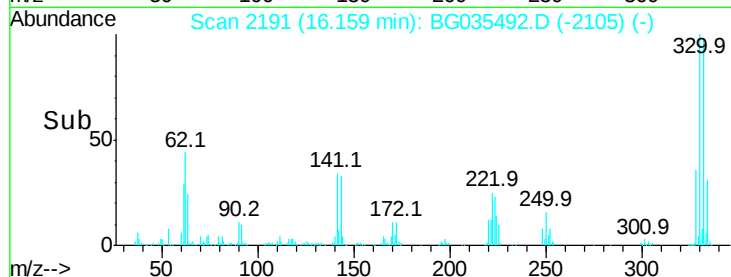
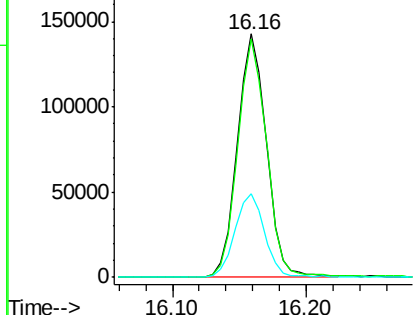
#41
 2,4,6-Tribromophenol
 Concen: 185.605 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035492.D
 Acq: 29 Jun 2018 00:10

Instrument :
 BNA_G
 ClientSampleId :
 GUN-HILL-FIELD-BLANK-2-6-22-18

Tot Ion:330 Resp: 215316
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 34.9 25.2 37.8

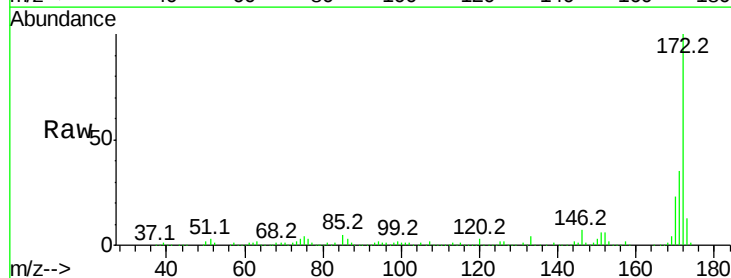


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

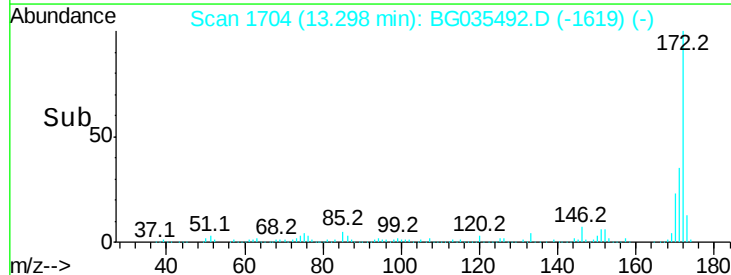
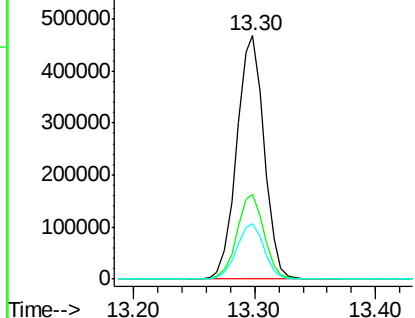


#44
 2-Fluorobiphenyl
 Concen: 105.755 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035492.D
 Acq: 29 Jun 2018 00:10

Tgt Ion:172 Resp: 737215
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.0 45.0
 170 22.7 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: BG035492.D

Acq: 29 Jun 2018 00:10

Instrument :

BNA_G

ClientSampleId :

GUN-HILL-FIELD-BLANK-2-6-22-18

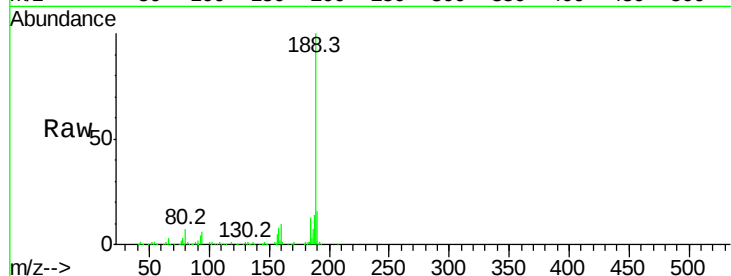
Tot Ion:188 Resp: 246197

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

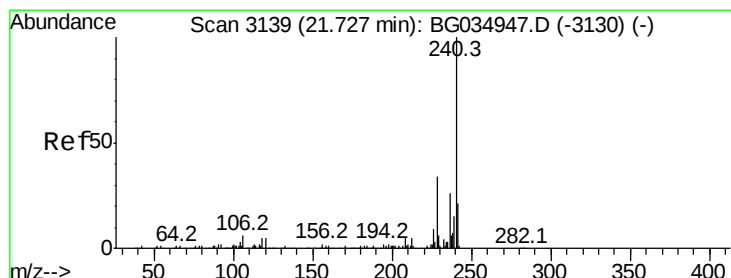
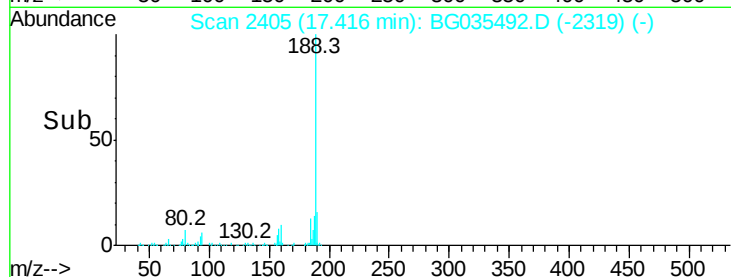
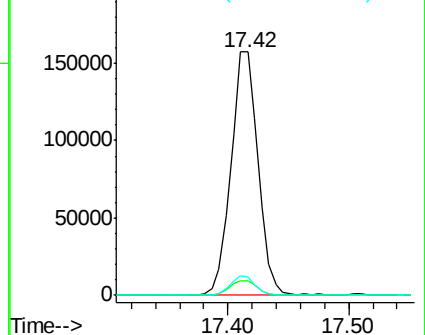
80 7.4 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035492.D

Acq: 29 Jun 2018 00:10

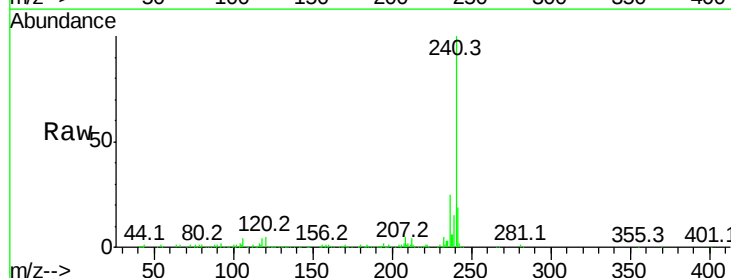
Tgt Ion:240 Resp: 267227

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

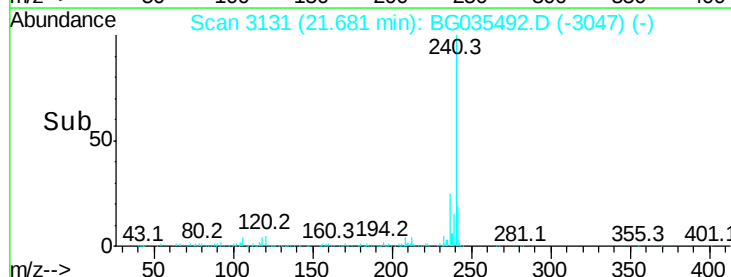
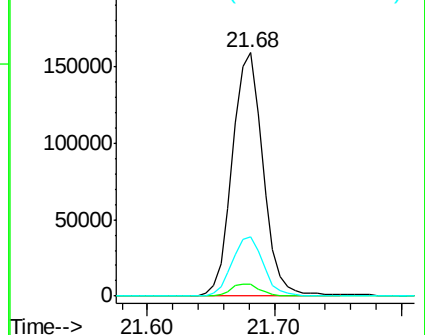
236 24.6 20.9 31.3

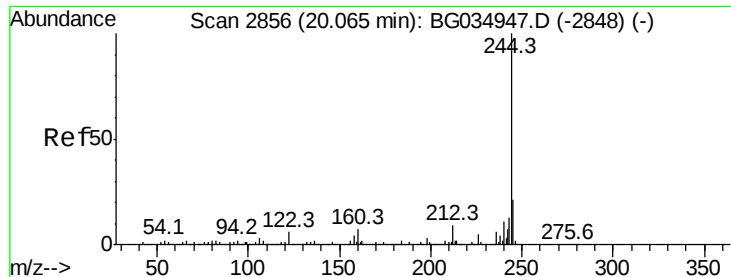


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 109.000 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035492.D

Acq: 29 Jun 2018 00:10

Instrument :

BNA_G

ClientSampleId :

GUN-HILL-FIELD-BLANK-2-6-22-18

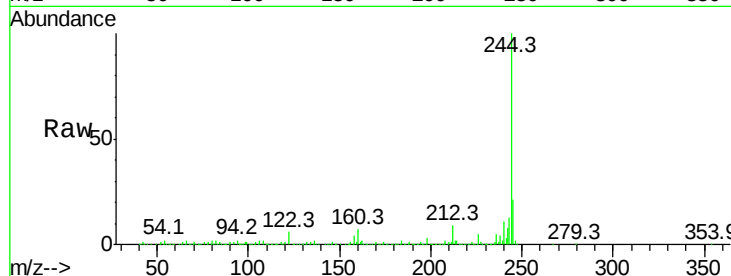
Tot Ion:244 Resp: 1390557

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

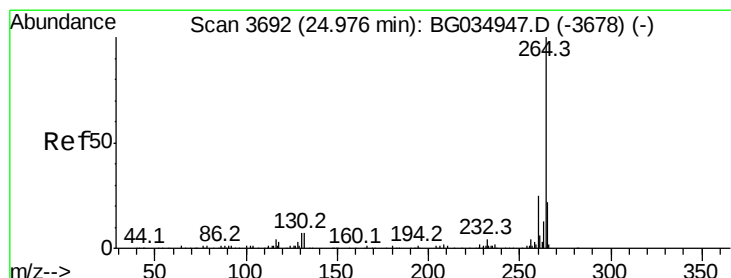
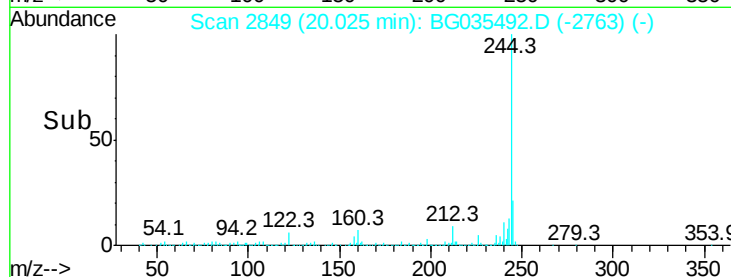
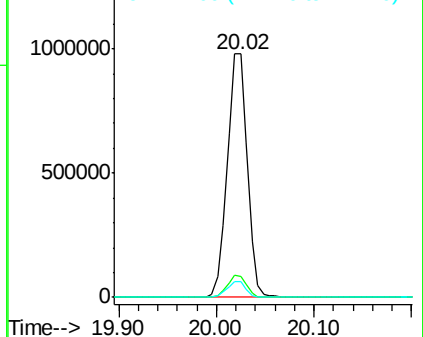
122 6.3 7.0 10.4#



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: BG035492.D

Acq: 29 Jun 2018 00:10

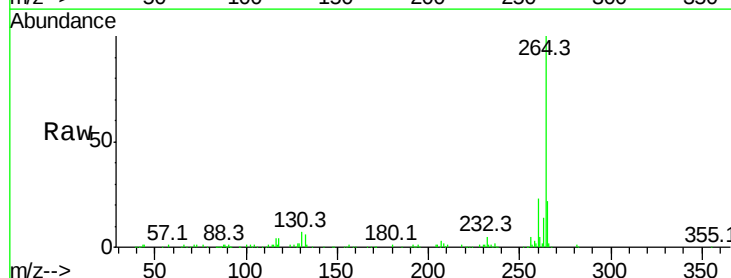
Tgt Ion:264 Resp: 248810

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.9 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

