

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
 Data File : BG022466.D
 Acq On : 21 Jun 2016 7:47
 Operator : UM/SJ
 Sample : H3679-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GUNHILL-FIELDBLANK-1-6-15-16

Quant Time: Jun 21 08:29:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	24922	20.00	ng	-0.10
21) Naphthalene-d8	10.81	136	118042	20.00	ng	-0.10
38) Acenaphthene-d10	14.63	164	77609	20.00	ng	-0.09
63) Phenanthrene-d10	17.38	188	177691	20.00	ng	-0.09
75) Chrysene-d12	21.64	240	137582	20.00	ng	-0.10
86) Perylene-d12	24.84	264	122949	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	96471	74.84	ng	-0.09
7) Phenol-d6	7.18	99	84878	41.88	ng	-0.07
23) Nitrobenzene-d5	9.17	82	162723	96.11	ng	-0.09
41) 2,4,6-Tribromophenol	16.13	330	99931	113.95	ng	-0.09
44) 2-Fluorobiphenyl	13.25	172	432814	84.99	ng	-0.09
78) Terphenyl-d14	19.98	244	623513	107.59	ng	-0.08

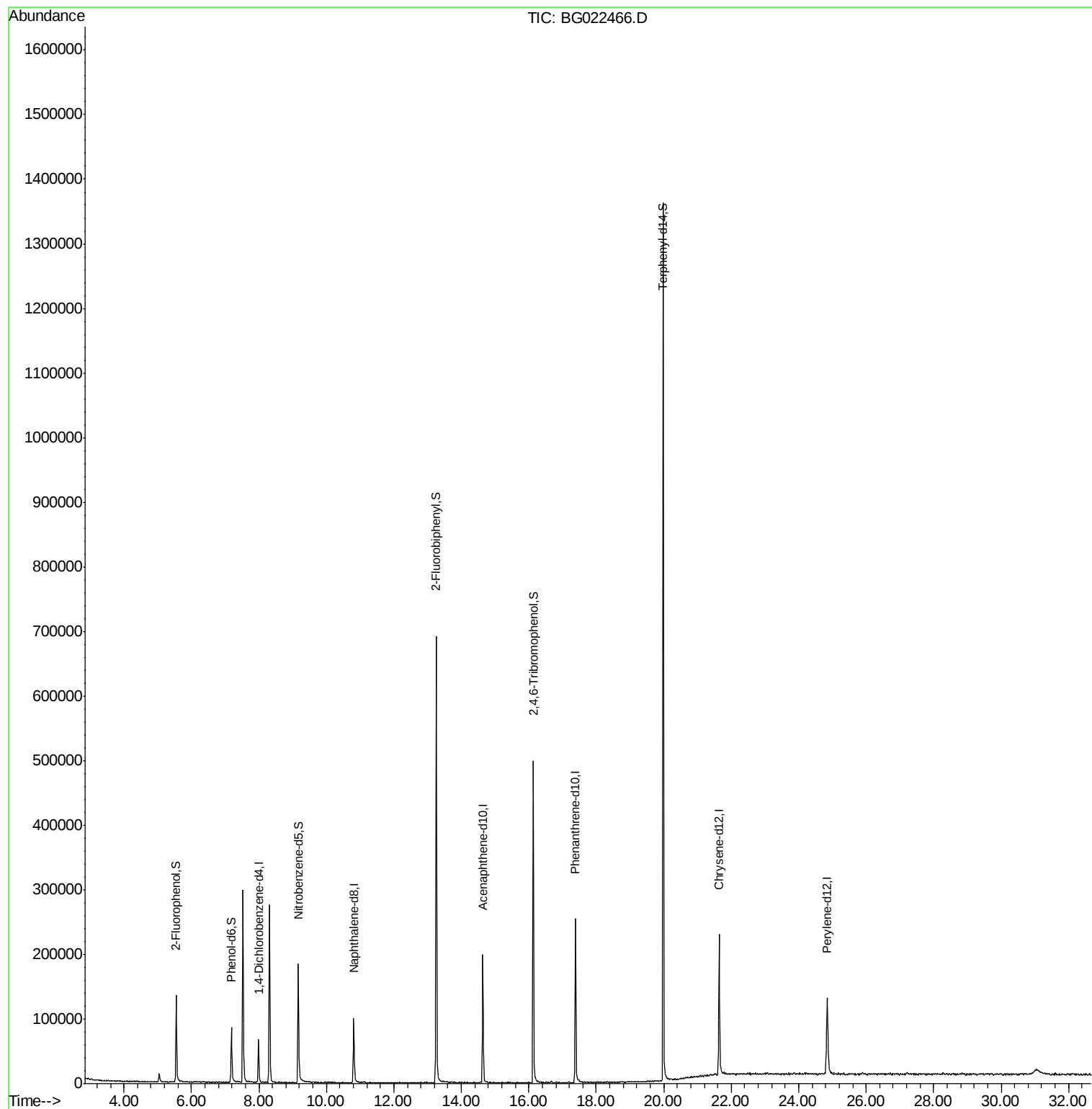
Target Compounds Qvalue

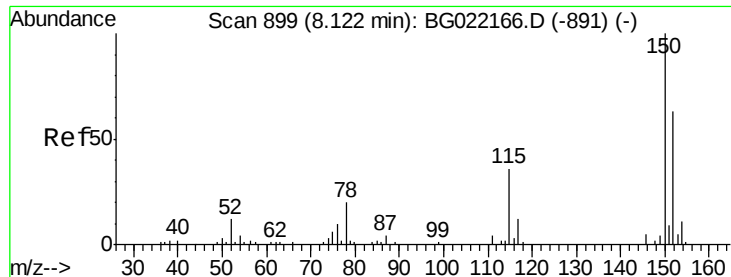
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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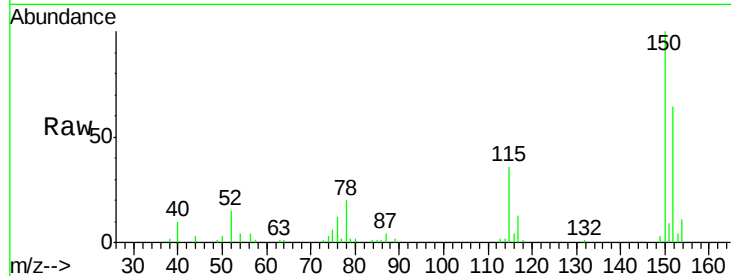


#1

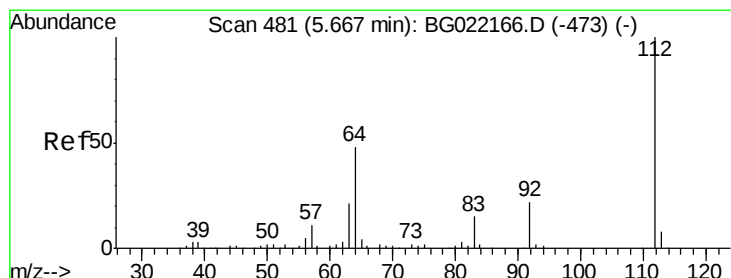
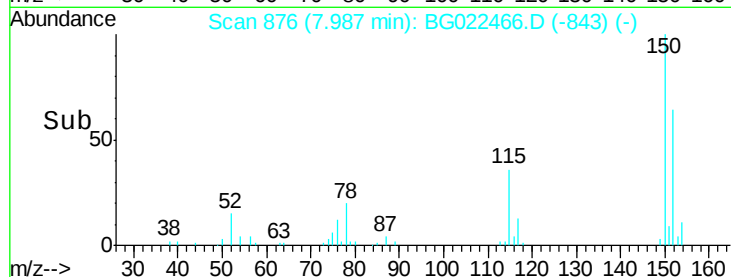
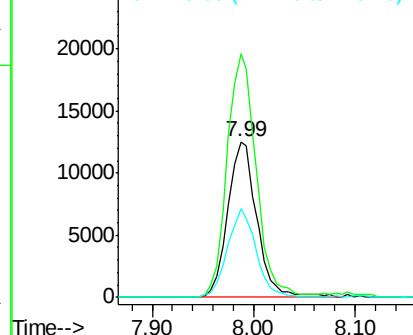
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.10 min
Lab File: BG022466.D
Acq: 21 Jun 2016 7:47

Instrument :
BNA_G
ClientSampleId :
GUNHILL-FIELDBLANK-1-6-15-16

Tot Ion:152 Resp: 24922
Ion Ratio Lower Upper
152 100
150 156.2 130.1 195.1
115 56.8 62.2 93.2#



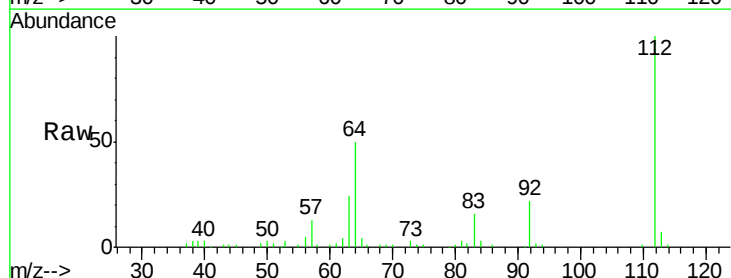
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



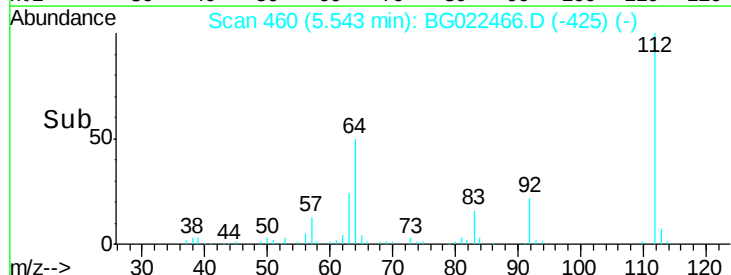
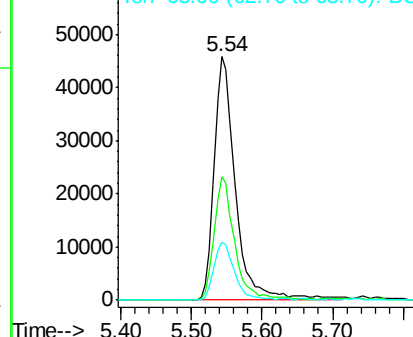
#5

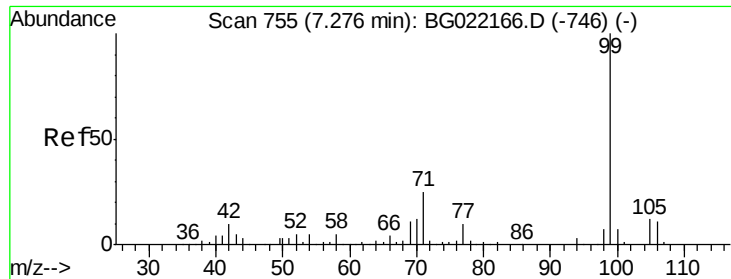
2-Fluorophenol
Concen: 74.84 ng
RT: 5.54 min Scan# 460
Delta R.T. -0.09 min
Lab File: BG022466.D
Acq: 21 Jun 2016 7:47

Tgt Ion:112 Resp: 96471
Ion Ratio Lower Upper
112 100
64 50.4 51.1 76.7#
63 23.9 24.6 37.0#



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: 41.88 ng

RT: 7.18 min Scan# 739

Delta R.T. -0.07 min

Lab File: BG022466.D

Acq: 21 Jun 2016 7:47

Instrument :

BNA_G

ClientSampleId :

GUNHILL-FIELDBLANK-1-6-15-16

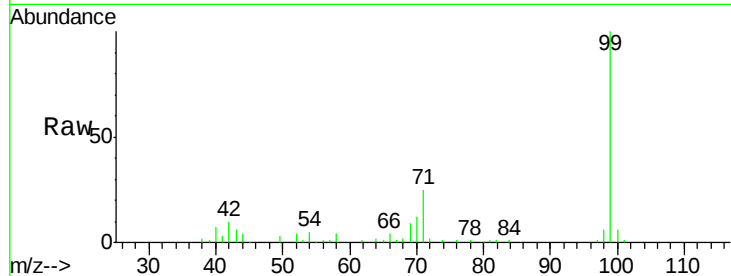
Tot Ion: 99 Resp: 84878

Ion Ratio Lower Upper

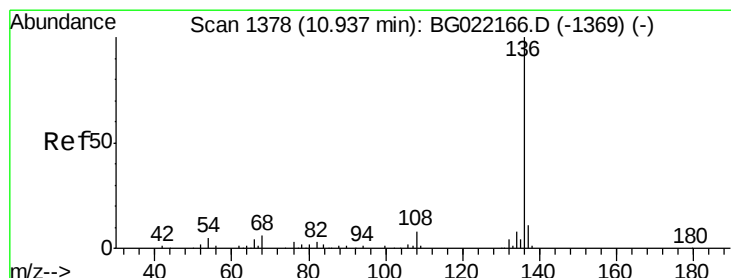
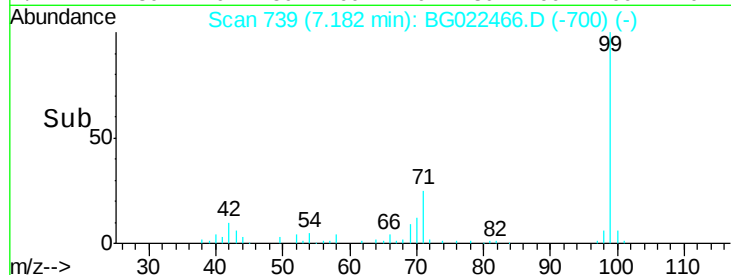
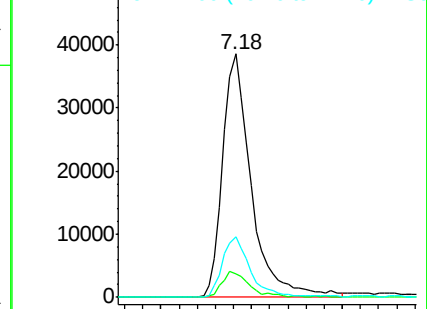
99 100

42 9.6 16.4 24.6#

71 24.9 25.0 37.4#



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: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.10 min

Lab File: BG022466.D

Acq: 21 Jun 2016 7:47

Tgt Ion: 136 Resp: 118042

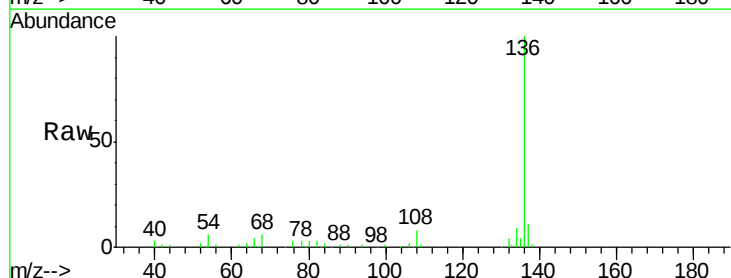
Ion Ratio Lower Upper

136 100

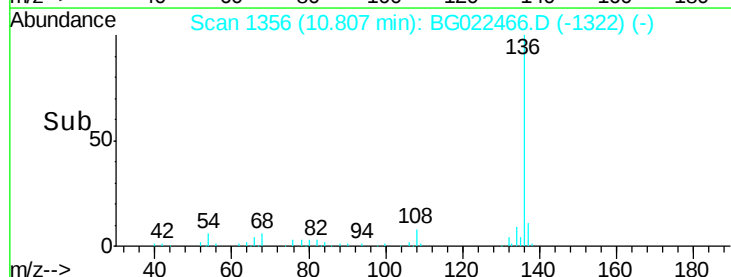
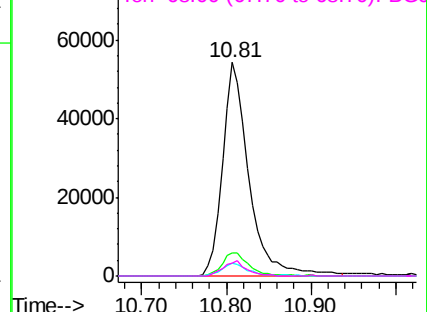
137 11.0 9.0 13.4

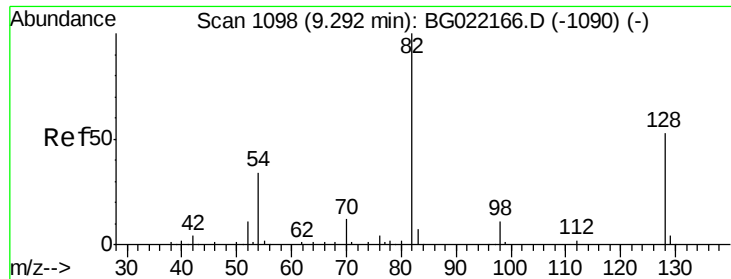
54 6.2 9.6 14.4#

68 6.0 6.4 9.6#



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

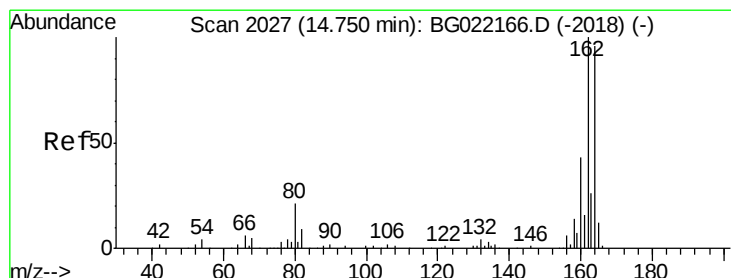
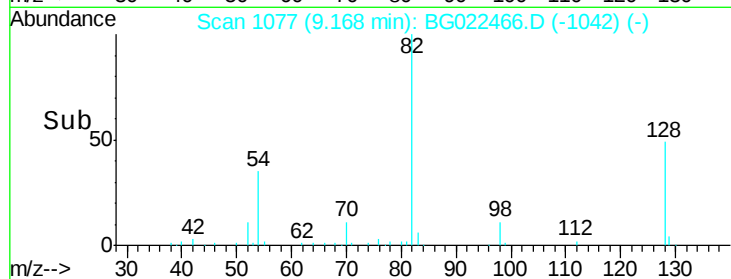
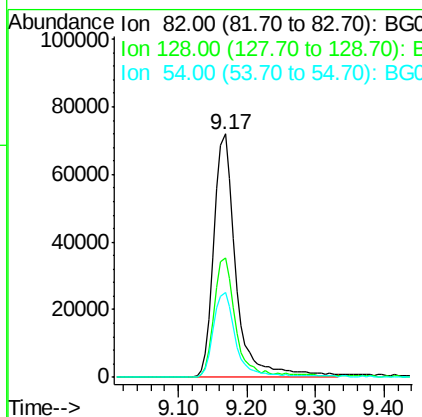
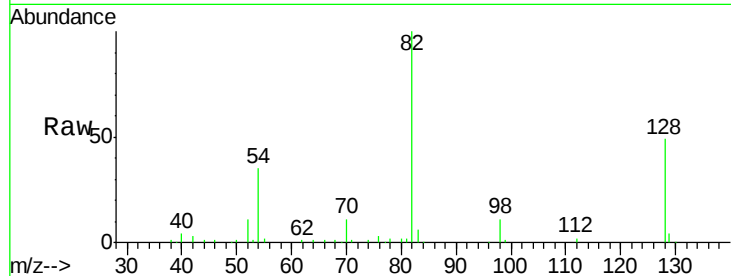




#23
Nitrobenzene-d5
Concen: 96.11 ng
RT: 9.17 min Scan# 1077
Delta R.T. -0.09 min
Lab File: BG022466.D
Acq: 21 Jun 2016 7:47

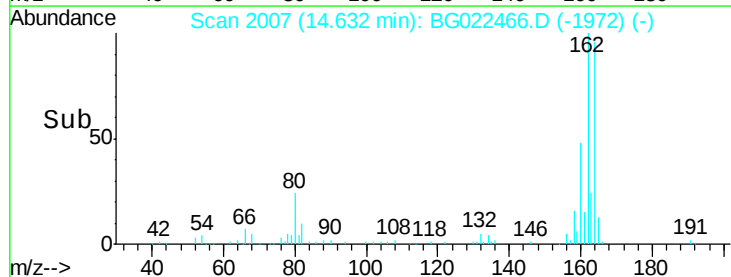
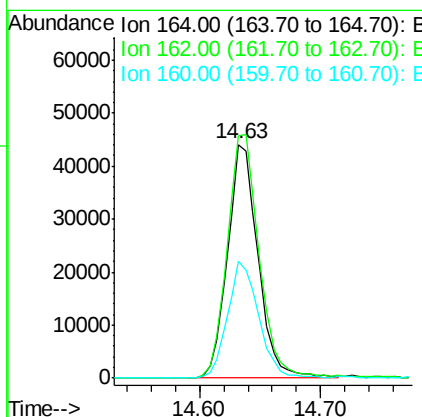
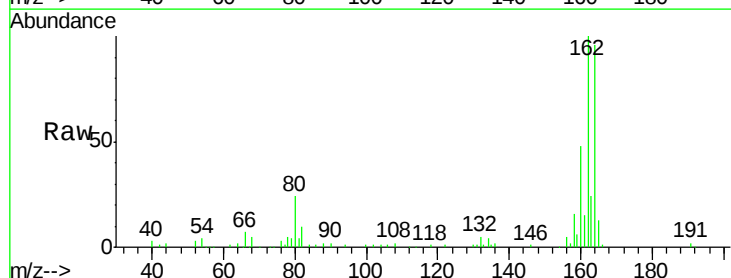
Instrument :
BNA_G
ClientSampleId :
GUNHILL-FIELDBLANK-1-6-15-16

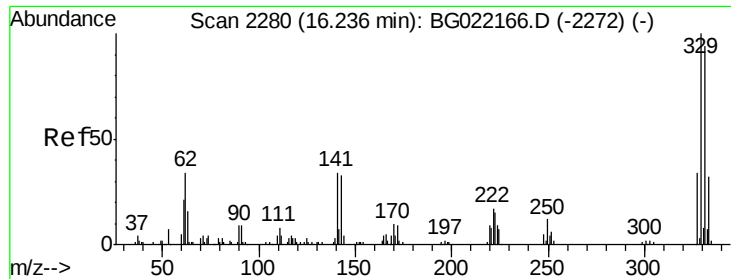
Tot Ion: 82 Resp: 162723
Ion Ratio Lower Upper
82 100
128 49.1 33.4 50.0
54 35.1 46.1 69.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.09 min
Lab File: BG022466.D
Acq: 21 Jun 2016 7:47

Tgt Ion:164 Resp: 77609
Ion Ratio Lower Upper
164 100
162 103.7 78.0 117.0
160 49.9 32.9 49.3#

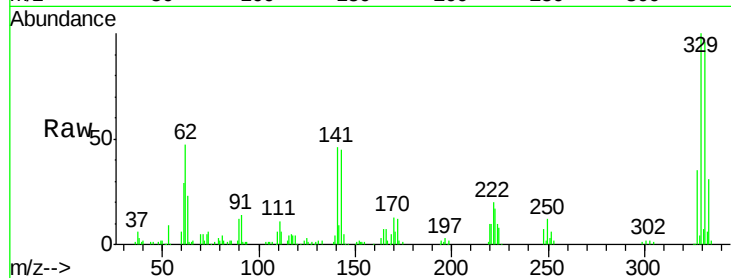




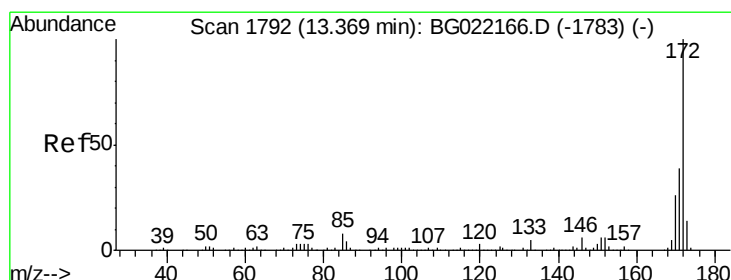
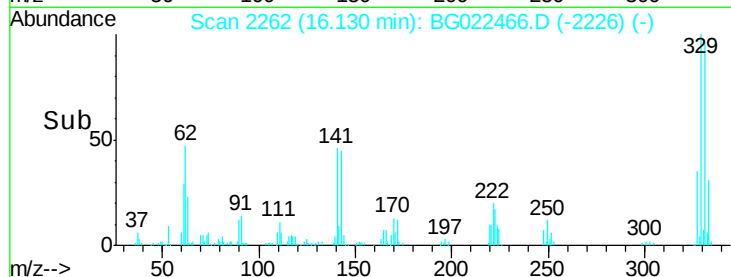
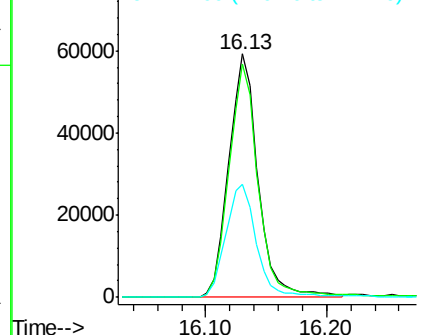
#41
 2,4,6-Tribromophenol
 Concen: 113.95 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. -0.09 min
 Lab File: BG022466.D
 Acq: 21 Jun 2016 7:47

Instrument :
 BNA_G
 ClientSampleId :
 GUNHILL-FIELDBLANK-1-6-15-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	48.7	33.8	50.8

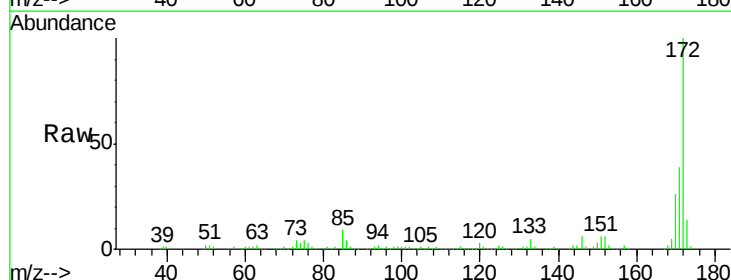


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

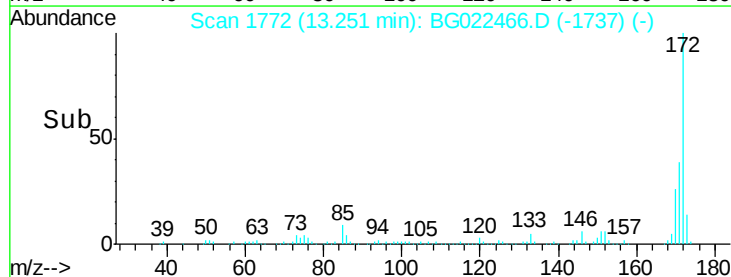
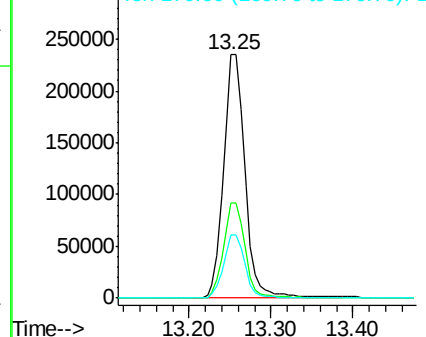


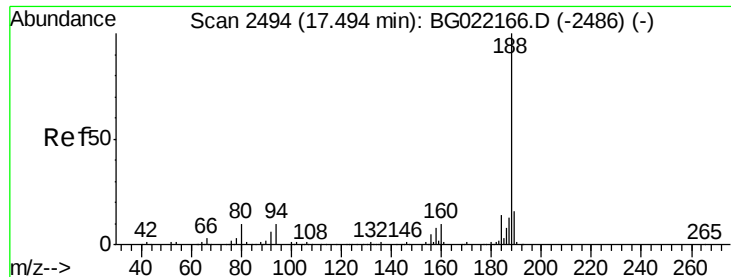
#44
 2-Fluorobiphenyl
 Concen: 84.99 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.09 min
 Lab File: BG022466.D
 Acq: 21 Jun 2016 7:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	27.8	41.6
170	26.1	19.6	29.4



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

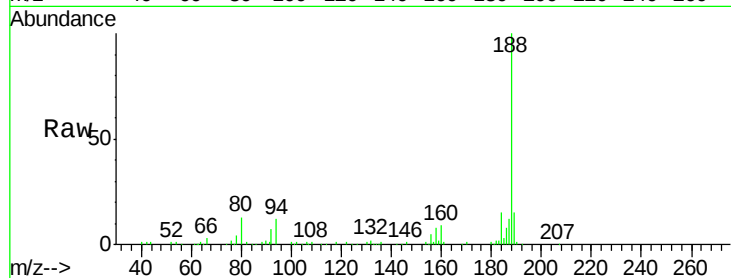




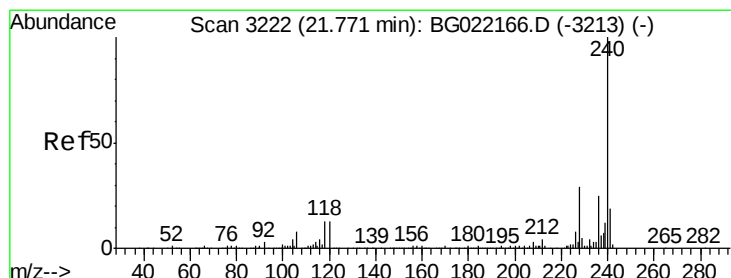
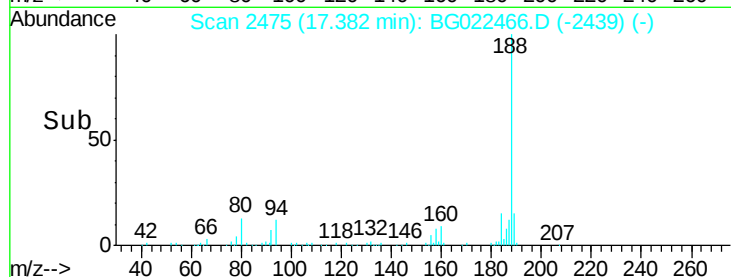
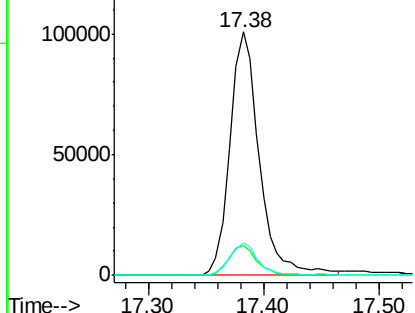
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.09 min
Lab File: BG022466.D
Acq: 21 Jun 2016 7:47

Instrument :
BNA_G
ClientSampleId :
GUNHILL-FIELDBLANK-1-6-15-16

Tot Ion:188 Resp: 177691
Ion Ratio Lower Upper
188 100
94 12.4 7.5 11.3#
80 13.4 8.6 13.0#

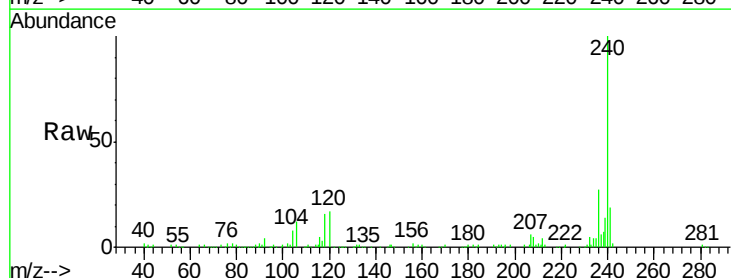


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

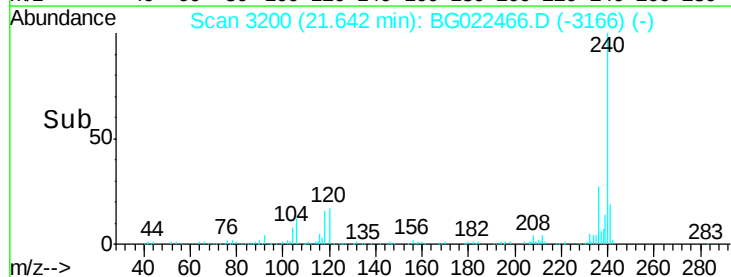
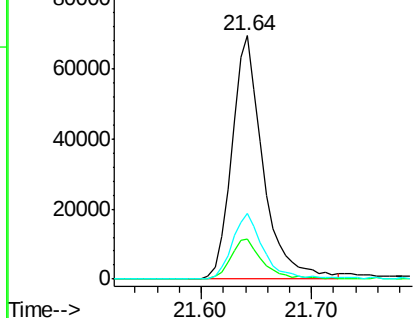


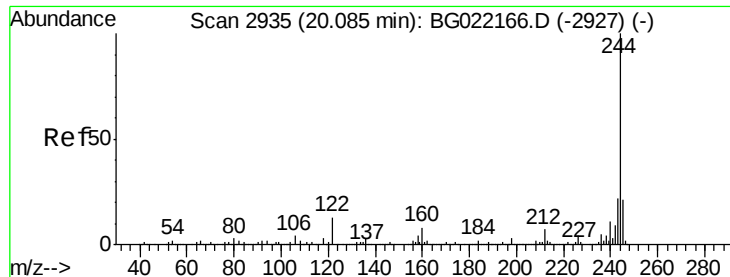
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. -0.10 min
Lab File: BG022466.D
Acq: 21 Jun 2016 7:47

Tgt Ion:240 Resp: 137582
Ion Ratio Lower Upper
240 100
120 16.5 8.4 12.6#
236 26.9 19.6 29.4



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: 107.59 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.08 min

Lab File: BG022466.D

Acq: 21 Jun 2016 7:47

Instrument :

BNA_G

ClientSampleId :

GUNHILL-FIELDBLANK-1-6-15-16

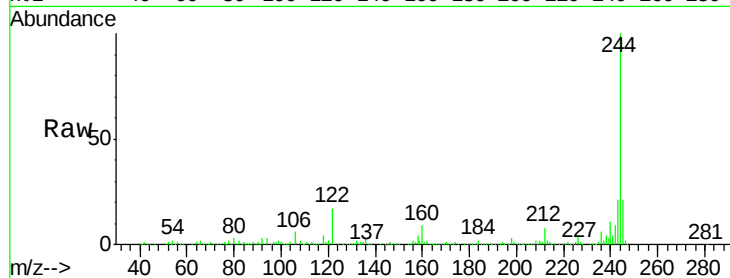
Tot Ion:244 Resp: 623513

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

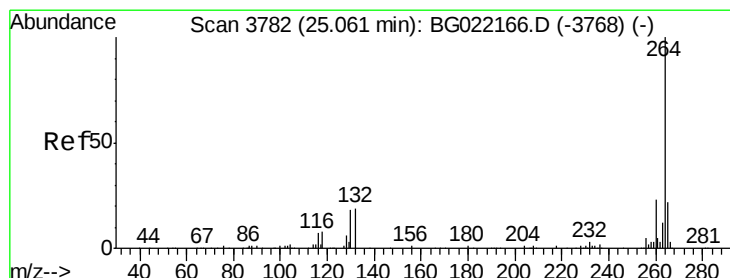
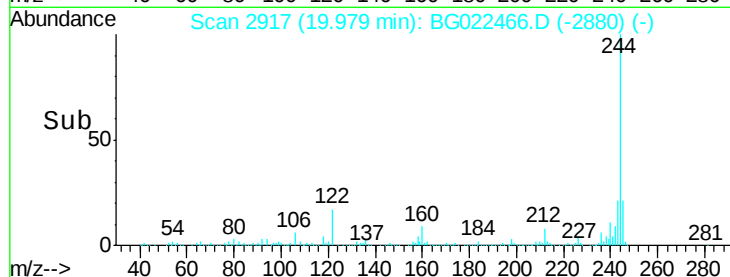
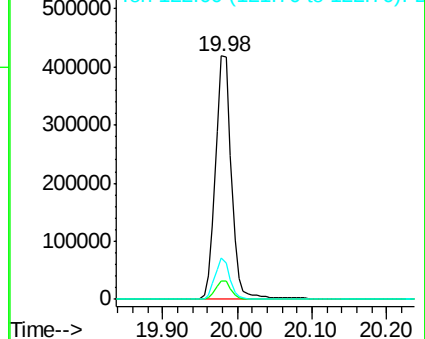
122 17.1 8.6 12.8#



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: 20.00 ng

RT: 24.84 min Scan# 3745

Delta R.T. -0.17 min

Lab File: BG022466.D

Acq: 21 Jun 2016 7:47

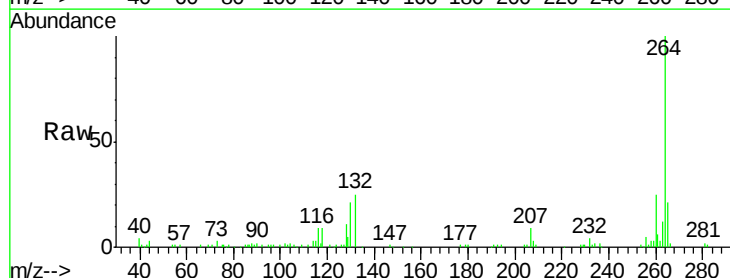
Tgt Ion:264 Resp: 122949

Ion Ratio Lower Upper

264 100

260 24.7 20.2 30.4

265 21.3 17.8 26.8



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

