

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
 Data File : BG022248.D
 Acq On : 9 Jun 2016 00:44
 Operator : UM/SJ
 Sample : H3381-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JAMAICA-FIELDBLANK-1-5-31-16

Quant Time: Jun 09 06:37:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	30700	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	149217	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	89938	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	196171	20.00	ng	0.00
75) Chrysene-d12	21.76	240	185386	20.00	ng	0.00
86) Perylene-d12	25.06	264	173386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	114780	72.29	ng	0.00
7) Phenol-d6	7.27	99	100130	40.11	ng	0.00
23) Nitrobenzene-d5	9.29	82	225509	105.36	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	156723	154.22	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	627674	106.36	ng	0.00
78) Terphenyl-d14	20.08	244	872606	111.75	ng	0.00

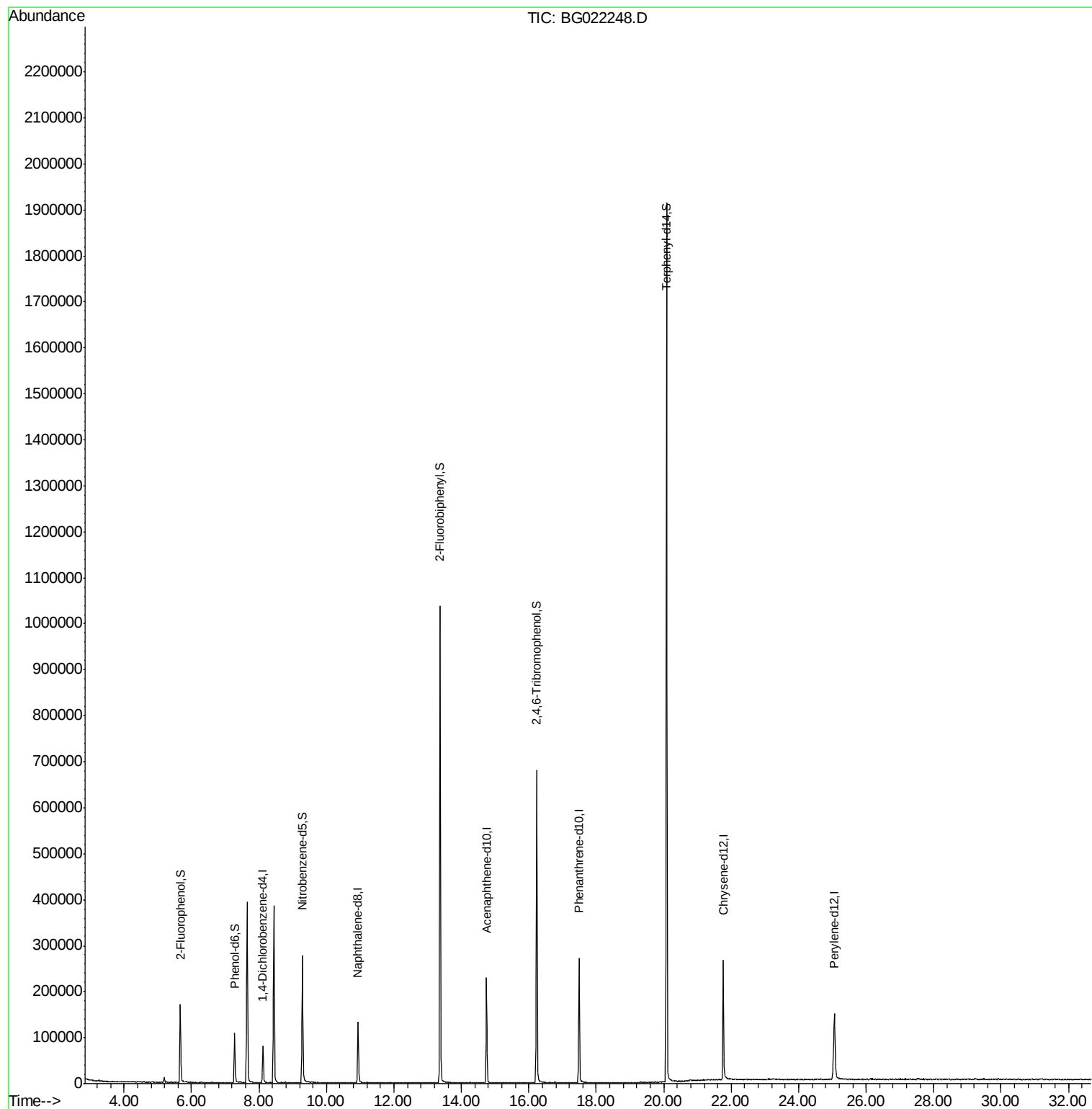
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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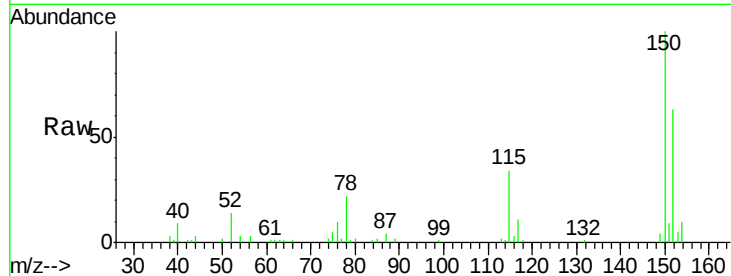


#1

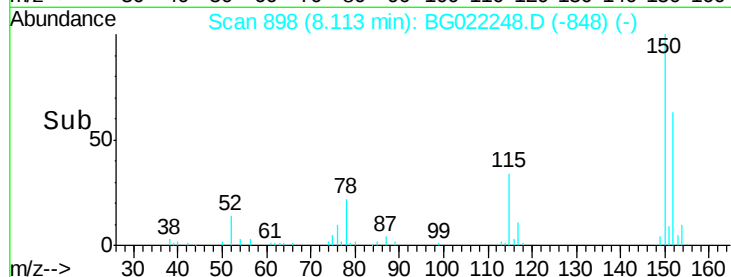
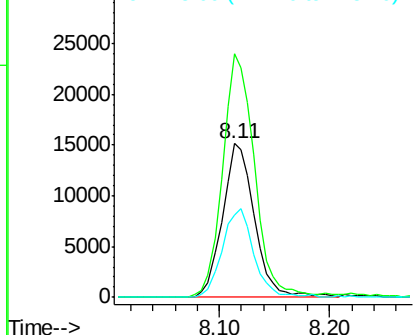
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022248.D
Acq: 9 Jun 2016 00:44

Instrument :
BNA_G
ClientSampleId :
JAMAICA-FIELDBLANK-1-5-31-16

Tgt Ion:152 Resp: 30700
Ion Ratio Lower Upper
152 100
150 158.4 130.1 195.1
115 53.5 62.2 93.2#



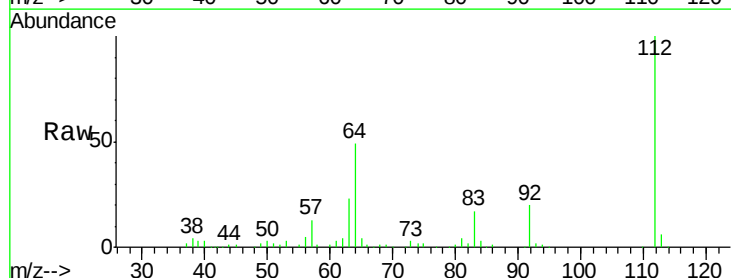
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



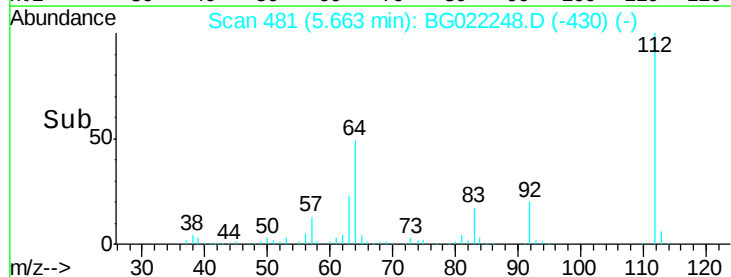
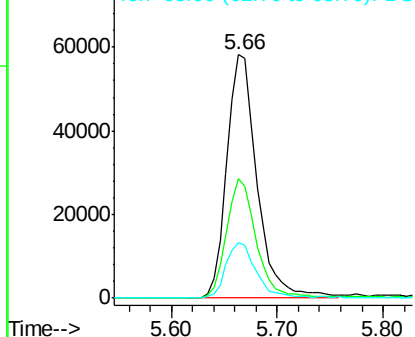
#5

2-Fluorophenol
Concen: 72.29 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG022248.D
Acq: 9 Jun 2016 00:44

Tgt Ion:112 Resp: 114780
Ion Ratio Lower Upper
112 100
64 49.2 51.1 76.7#
63 22.5 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: 40.11 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022248.D

Acq: 9 Jun 2016 00:44

Instrument :

BNA_G

ClientSampleId :

JAMAICA-FIELDBLANK-1-5-31-16

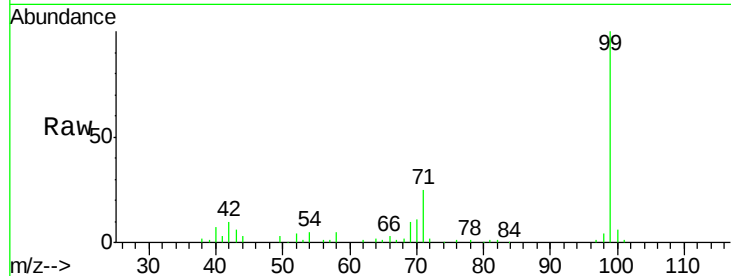
Tgt Ion: 99 Resp: 100130

Ion Ratio Lower Upper

99 100

42 9.8 16.4 24.6#

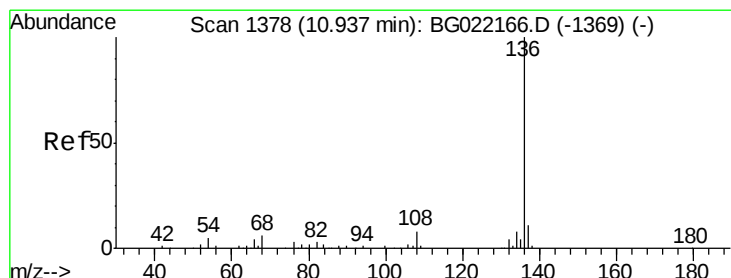
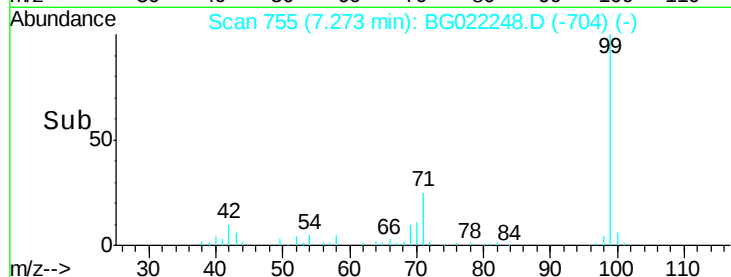
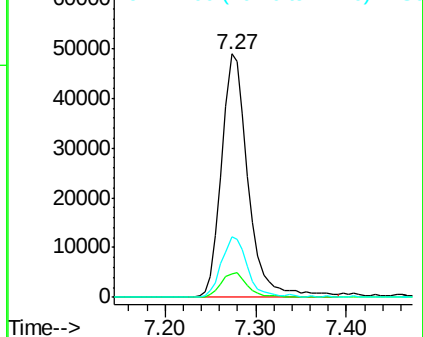
71 24.7 25.0 37.4#



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: 10.93 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022248.D

Acq: 9 Jun 2016 00:44

Tgt Ion: 136 Resp: 149217

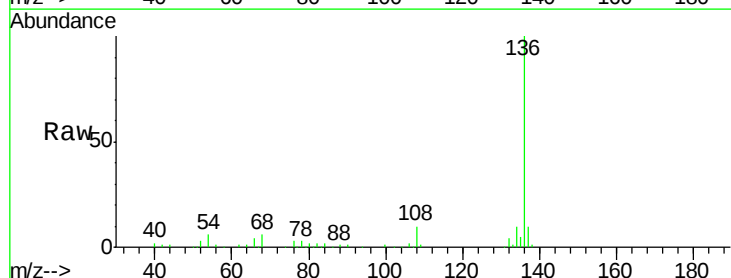
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 6.0 9.6 14.4#

68 6.1 6.4 9.6#

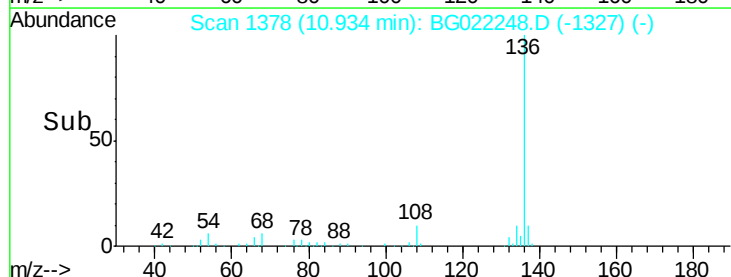
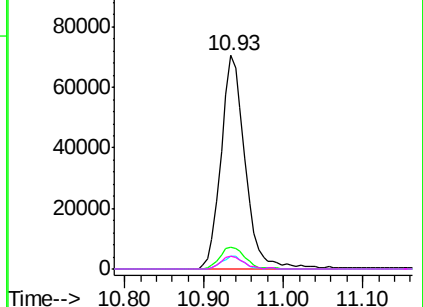


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

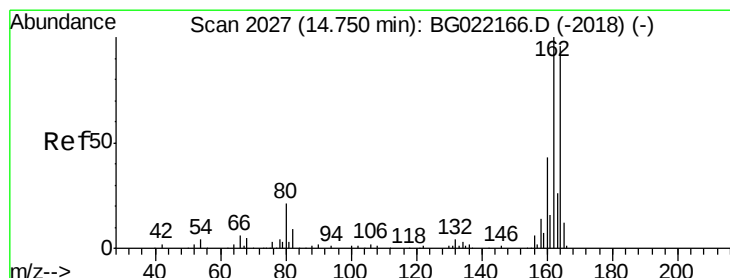
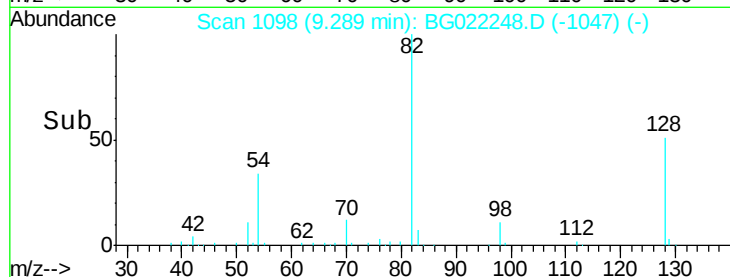
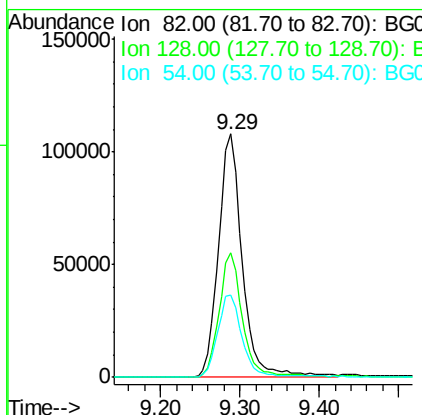
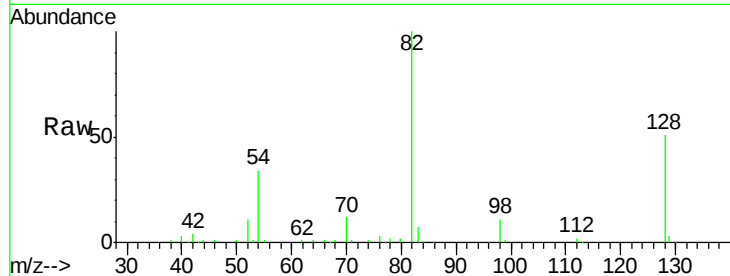




#23
Nitrobenzene-d5
Concen: 105.36 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022248.D
Acq: 9 Jun 2016 00:44

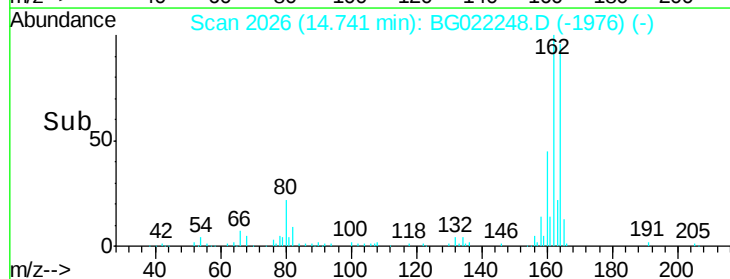
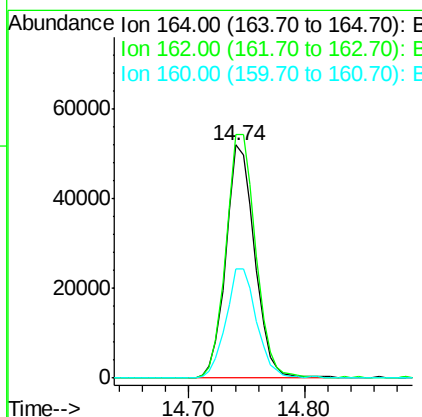
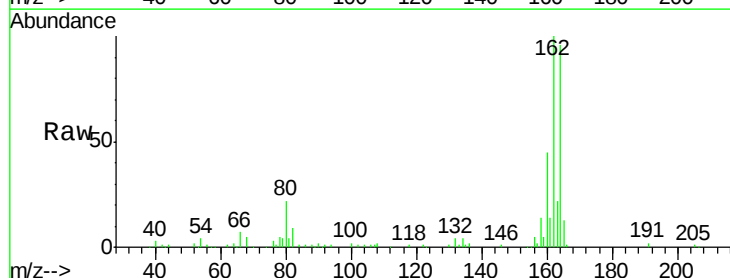
Instrument :
BNA_G
ClientSampleId :
JAMAICA-FIELDBLANK-1-5-31-16

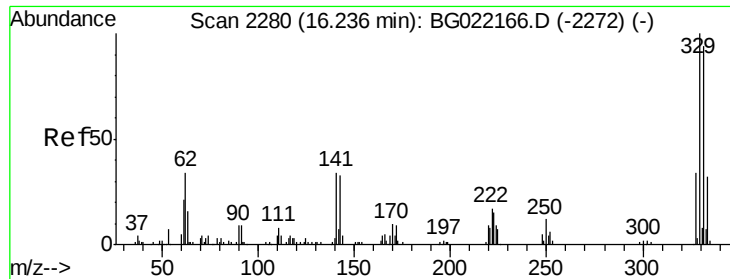
Tgt Ion: 82 Resp: 225509
Ion Ratio Lower Upper
82 100
128 50.9 33.4 50.0#
54 34.0 46.1 69.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022248.D
Acq: 9 Jun 2016 00:44

Tgt Ion: 164 Resp: 89938
Ion Ratio Lower Upper
164 100
162 104.6 78.0 117.0
160 47.0 32.9 49.3

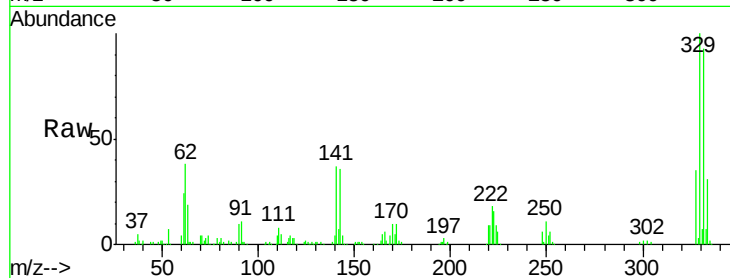




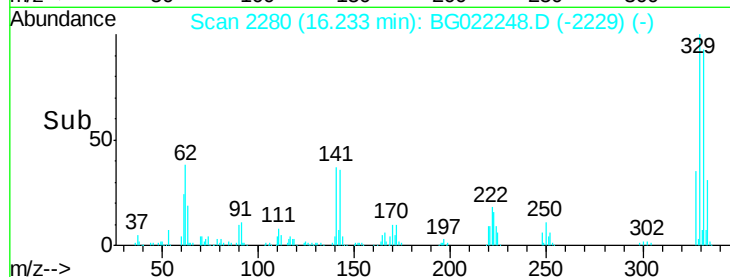
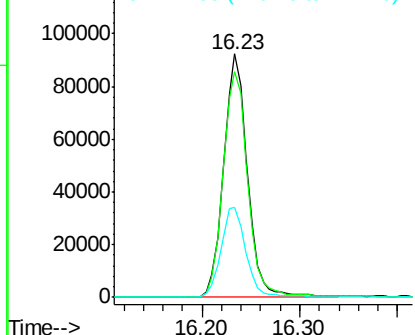
#41
 2,4,6-Tribromophenol
 Concen: 154.22 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022248.D
 Acq: 9 Jun 2016 00:44

Instrument :
 BNA_G
 ClientSampleId :
 JAMAICA-FIELDBLANK-1-5-31-16

Tgt Ion:330 Resp: 156723
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.0 117.0
 141 38.4 33.8 50.8

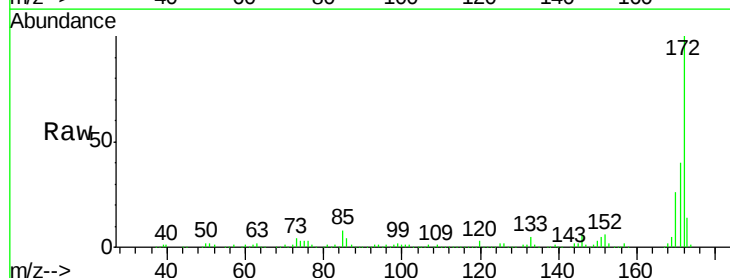


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

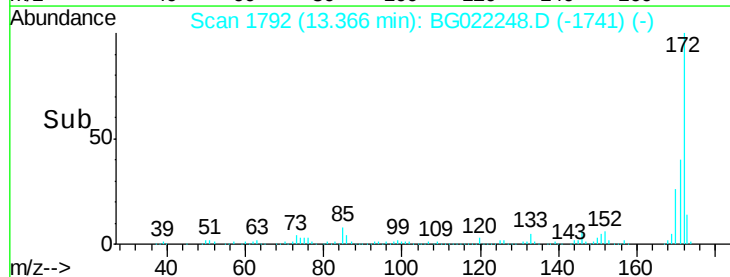
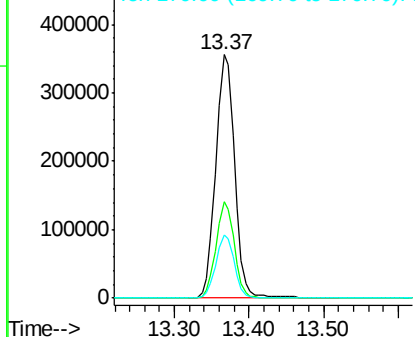


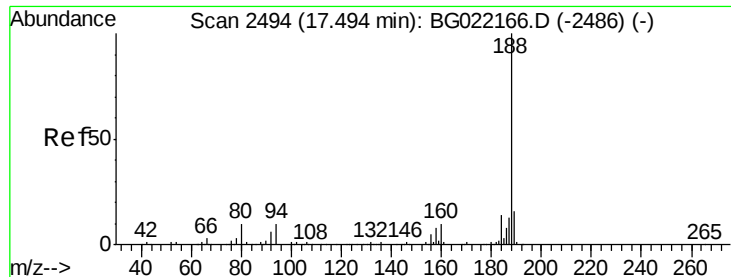
#44
 2-Fluorobiphenyl
 Concen: 106.36 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022248.D
 Acq: 9 Jun 2016 00:44

Tgt Ion:172 Resp: 627674
 Ion Ratio Lower Upper
 172 100
 171 39.6 27.8 41.6
 170 25.7 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

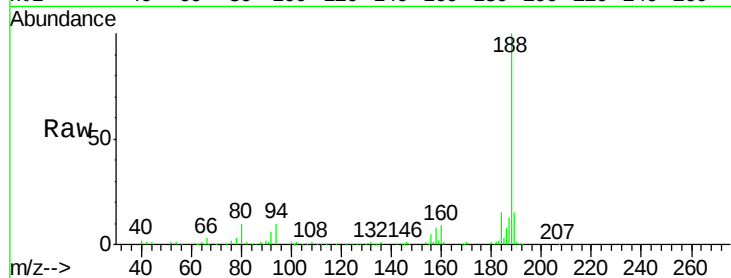




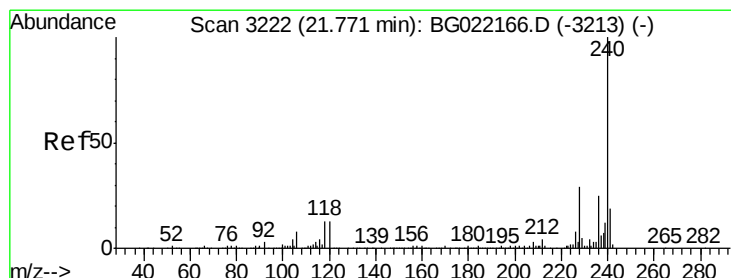
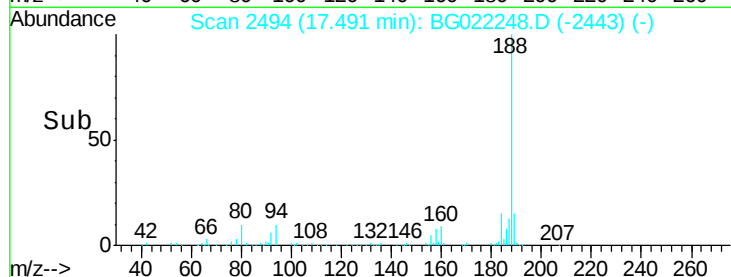
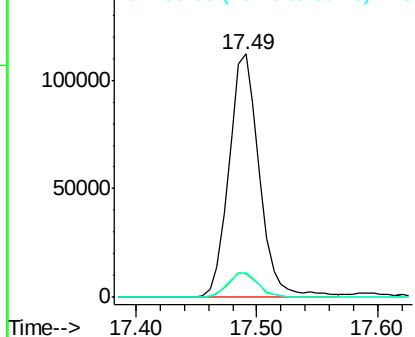
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022248.D
Acq: 9 Jun 2016 00:44

Instrument :
BNA_G
ClientSampleId :
JAMAICA-FIELDBLANK-1-5-31-16

Tgt Ion:188 Resp: 196171
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.2 8.6 13.0

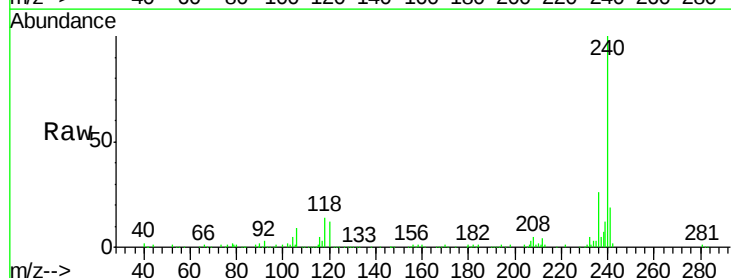


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

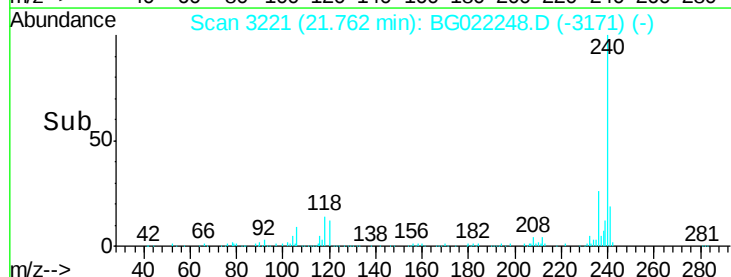
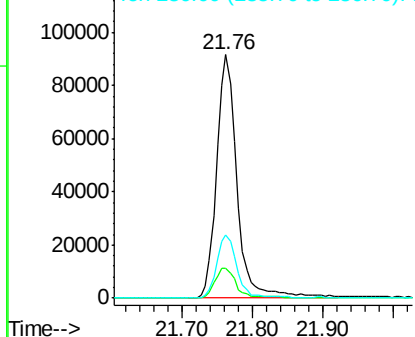


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022248.D
Acq: 9 Jun 2016 00:44

Tgt Ion:240 Resp: 185386
Ion Ratio Lower Upper
240 100
120 12.2 8.4 12.6
236 26.0 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: 111.75 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022248.D

Acq: 9 Jun 2016 00:44

Instrument :

BNA_G

ClientSampleId :

JAMAICA-FIELDBLANK-1-5-31-16

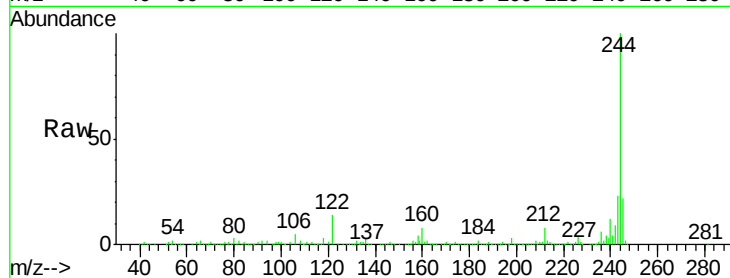
Tgt Ion:244 Resp: 872606

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

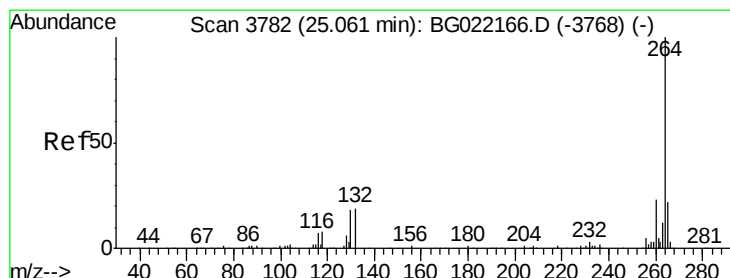
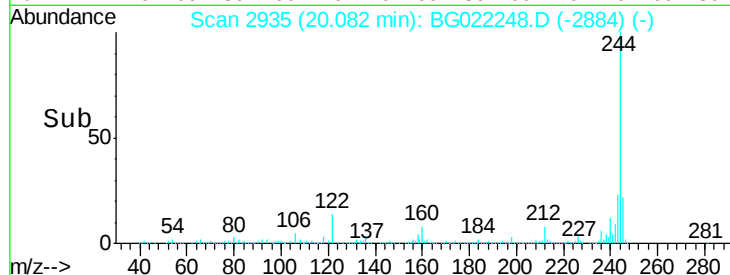
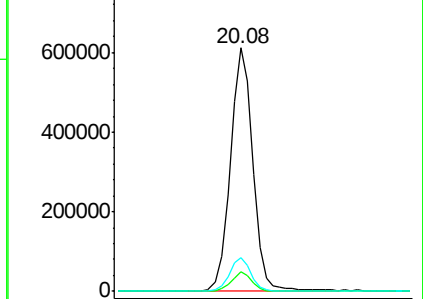
122 14.0 8.6 12.8#



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: 25.06 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BG022248.D

Acq: 9 Jun 2016 00:44

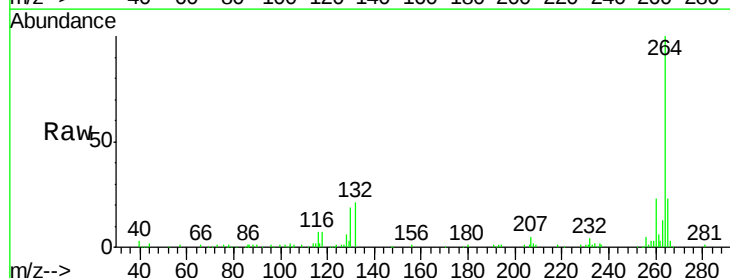
Tgt Ion:264 Resp: 173386

Ion Ratio Lower Upper

264 100

260 23.4 20.2 30.4

265 22.6 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

