

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
 Data File : BG022247.D
 Acq On : 9 Jun 2016 00:04
 Operator : UM/SJ
 Sample : H3381-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-08

Quant Time: Jun 09 06:36:46 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

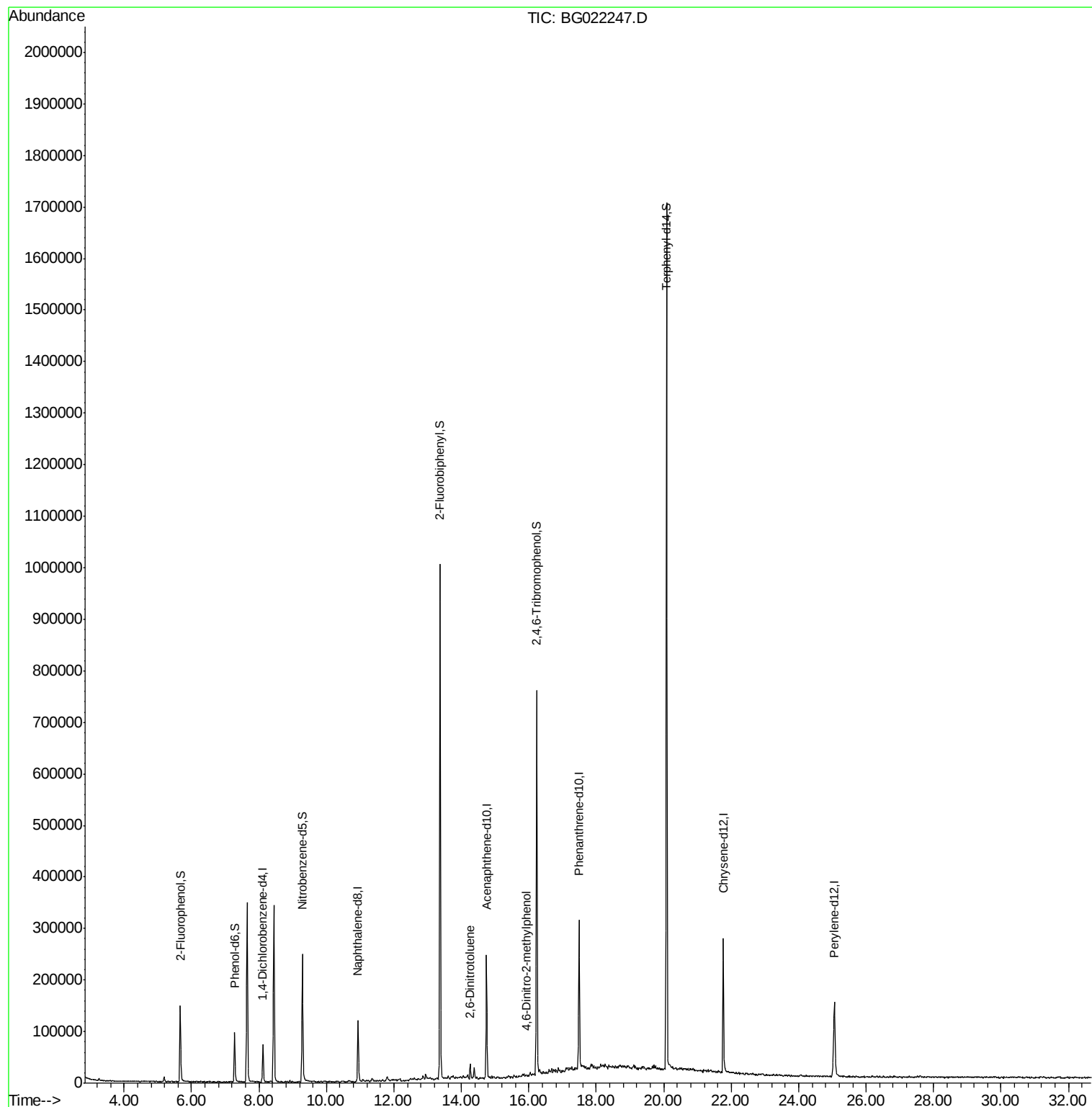
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	27212	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	136867	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	91789	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	198494	20.00	ng	0.00
75) Chrysene-d12	21.76	240	174010	20.00	ng	0.00
86) Perylene-d12	25.05	264	169468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	101457	72.09	ng	0.00
7) Phenol-d6	7.27	99	91003	41.12	ng	0.00
23) Nitrobenzene-d5	9.29	82	204609	104.22	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	159962	154.23	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	599330	99.51	ng	0.00
78) Terphenyl-d14	20.08	244	787119	107.39	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	14.27	165	4412	2.67	ng	# 26
64) 4,6-Dinitro-2-methylphenol	15.93	198	67	5.53	ng	# 7

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

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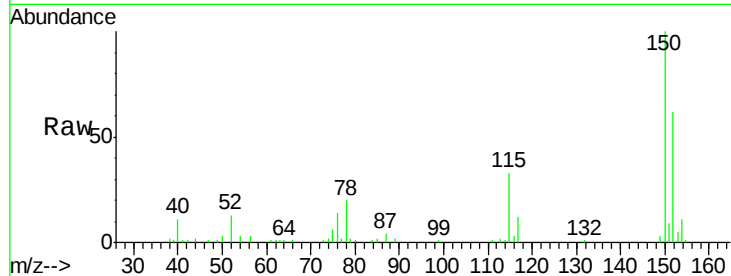


#1

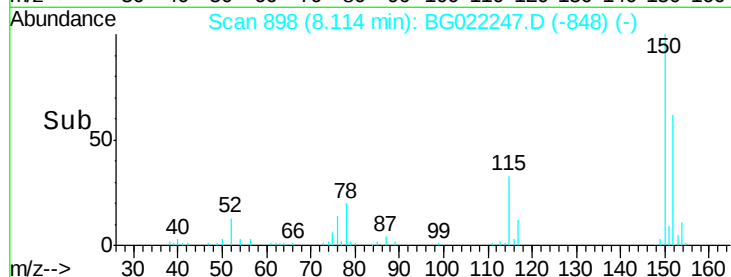
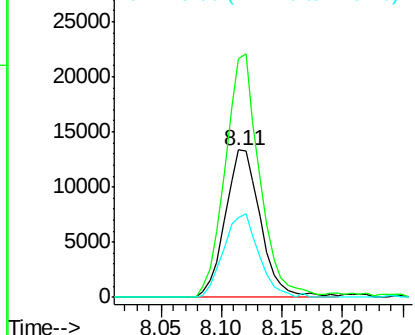
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022247.D
Acq: 9 Jun 2016 00:04

Instrument :
BNA_G
ClientSampleId :
W-08

Tgt Ion:152 Resp: 27212
Ion Ratio Lower Upper
152 100
150 162.1 130.1 195.1
115 54.3 62.2 93.2#



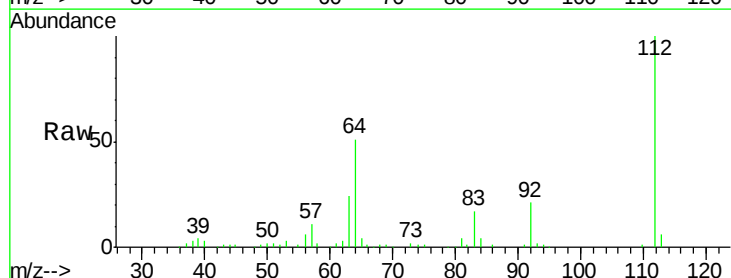
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



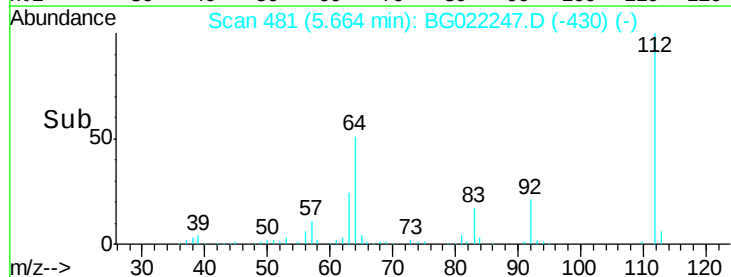
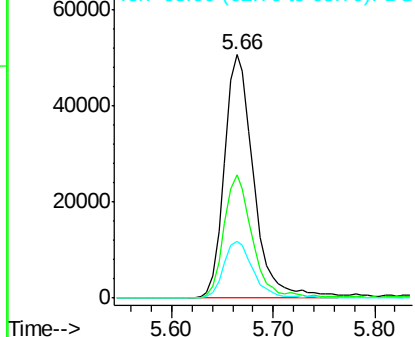
#5

2-Fluorophenol
Concen: 72.09 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG022247.D
Acq: 9 Jun 2016 00:04

Tgt Ion:112 Resp: 101457
Ion Ratio Lower Upper
112 100
64 50.7 51.1 76.7#
63 23.5 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: 41.12 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022247.D

Acq: 9 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

W-08

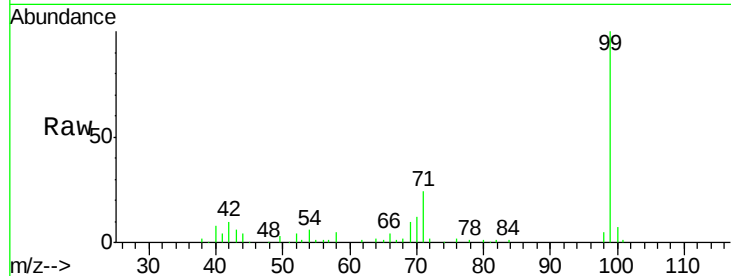
Tgt Ion: 99 Resp: 91003

Ion Ratio Lower Upper

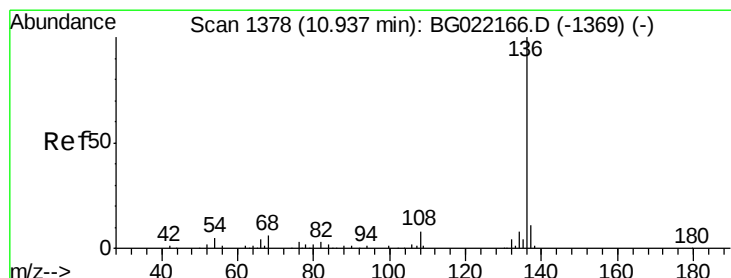
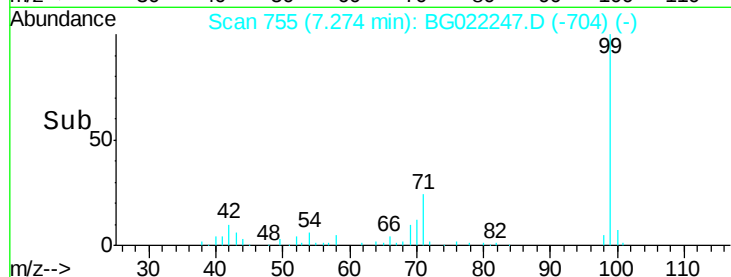
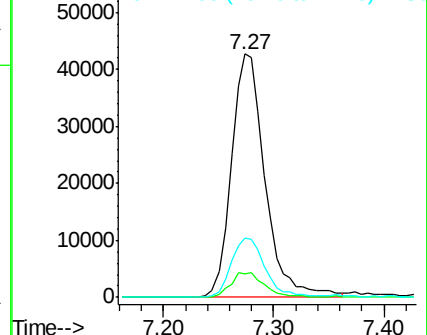
99 100

42 9.5 16.4 24.6#

71 24.3 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: BG022247.D

Acq: 9 Jun 2016 00:04

Tgt Ion: 136 Resp: 136867

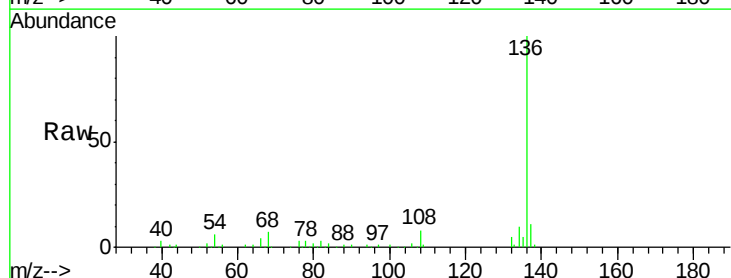
Ion Ratio Lower Upper

136 100

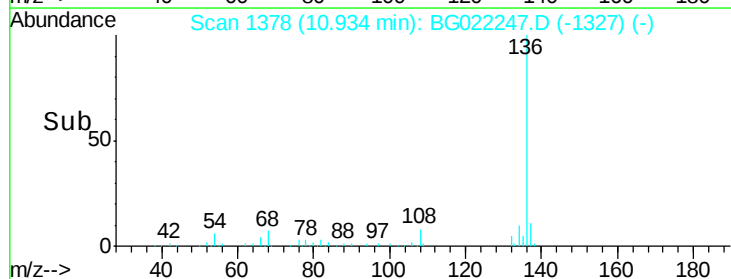
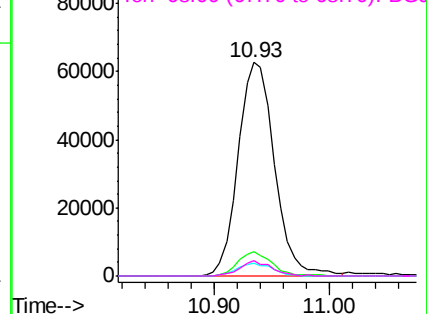
137 11.2 9.0 13.4

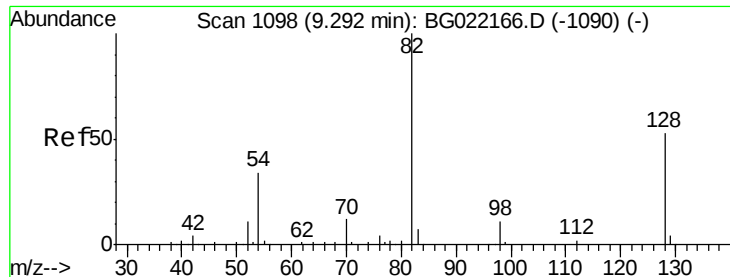
54 5.9 9.6 14.4#

68 7.0 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: 104.22 ng

RT: 9.29 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BG022247.D

Acq: 9 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

W-08

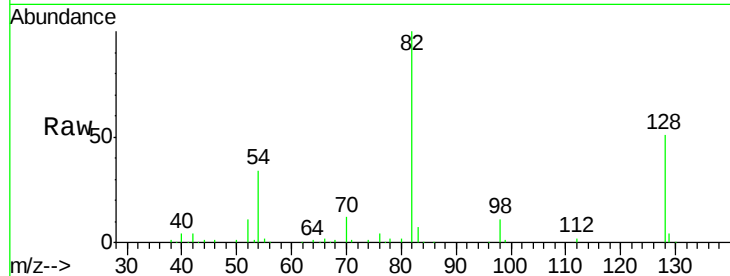
Tgt Ion: 82 Resp: 204609

Ion Ratio Lower Upper

82 100

128 50.7 33.4 50.0#

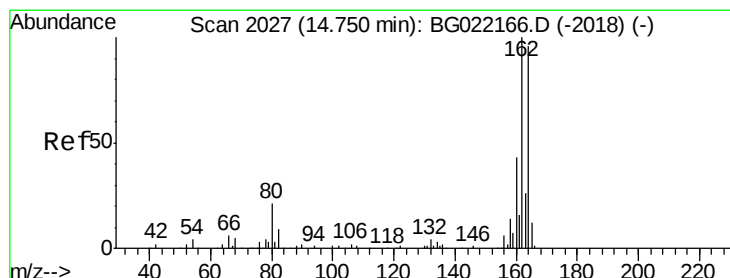
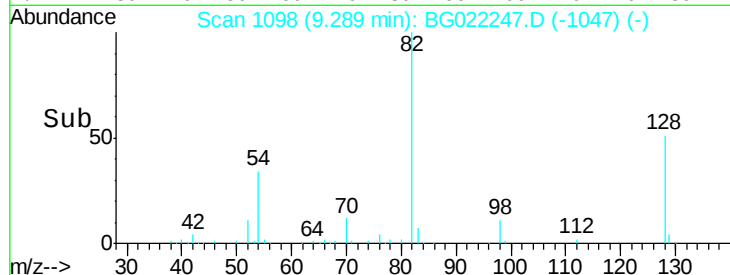
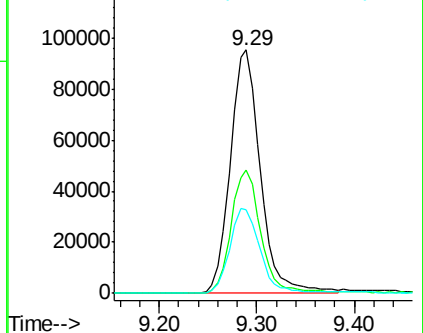
54 34.3 46.1 69.1#



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: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BG022247.D

Acq: 9 Jun 2016 00:04

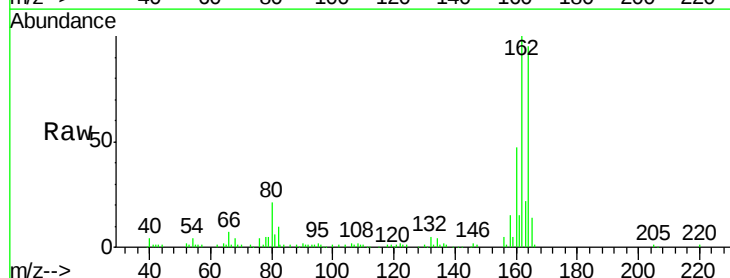
Tgt Ion:164 Resp: 91789

Ion Ratio Lower Upper

164 100

162 104.7 78.0 117.0

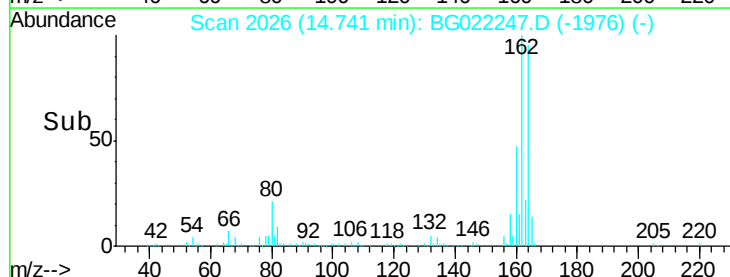
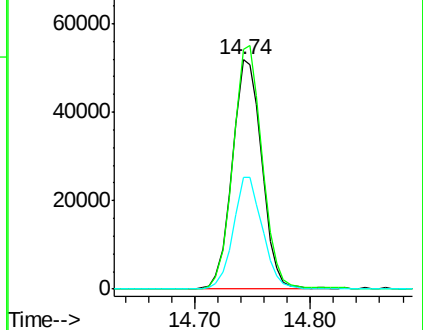
160 48.7 32.9 49.3



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: 154.23 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022247.D

Acq: 9 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

W-08

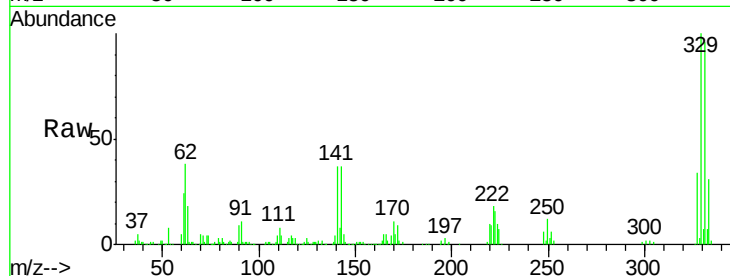
Tgt Ion:330 Resp: 159962

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

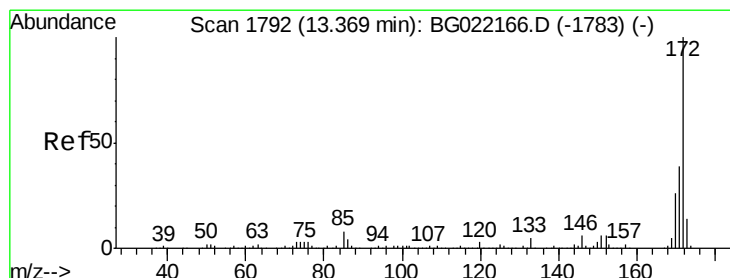
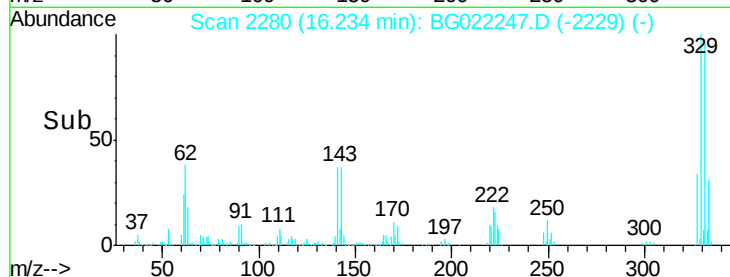
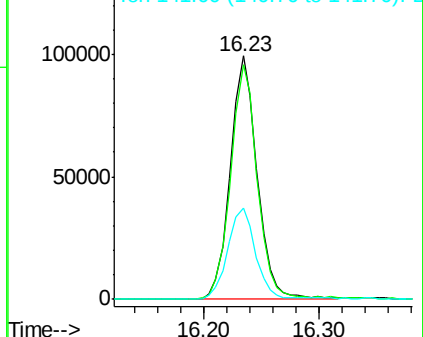
141 39.4 33.8 50.8



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: 99.51 ng

RT: 13.37 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG022247.D

Acq: 9 Jun 2016 00:04

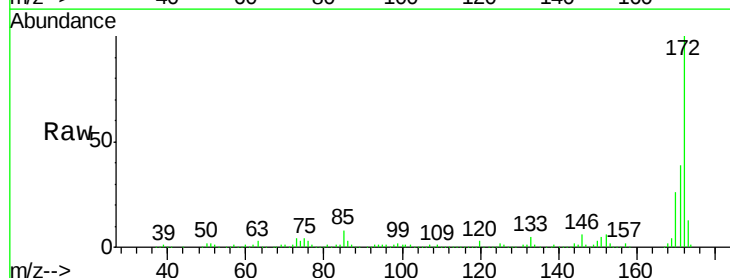
Tgt Ion:172 Resp: 599330

Ion Ratio Lower Upper

172 100

171 39.5 27.8 41.6

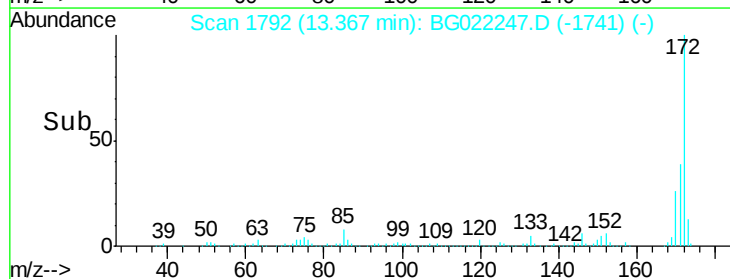
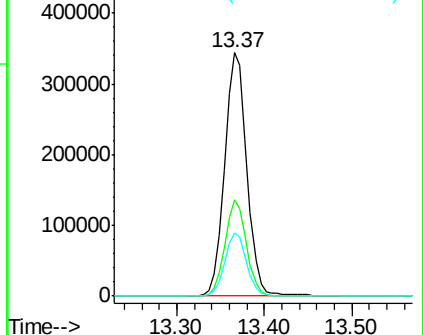
170 25.9 19.6 29.4

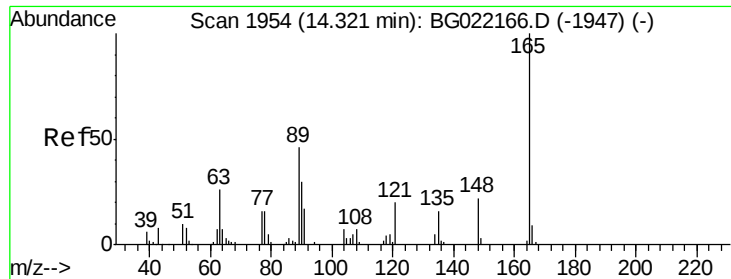


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

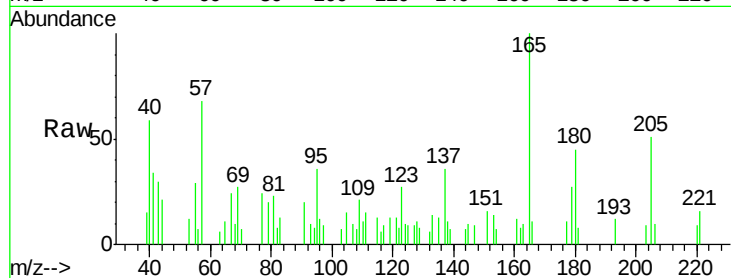




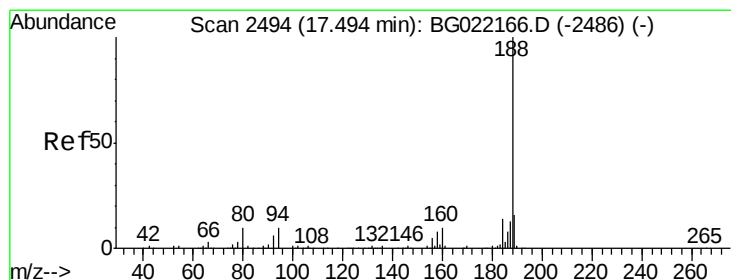
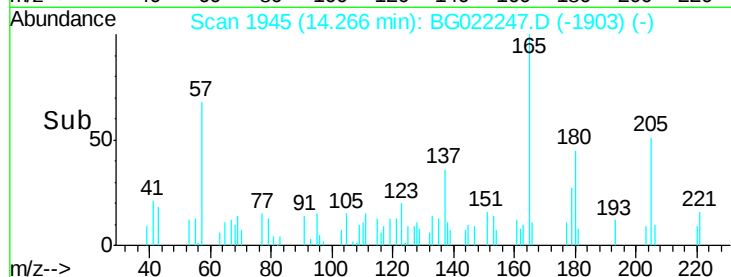
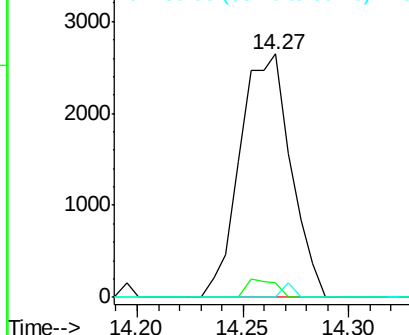
#50
 2,6-Dinitrotoluene
 Concen: 2.67 ng
 RT: 14.27 min Scan# 1945
 Delta R.T. -0.06 min
 Lab File: BG022247.D
 Acq: 9 Jun 2016 00:04

Instrument :
 BNA_G
 ClientSampled :
 W-08

Tgt Ion:165 Resp: 4412
 Ion Ratio Lower Upper
 165 100
 63 5.8 48.2 72.4#
 89 0.0 45.3 67.9#

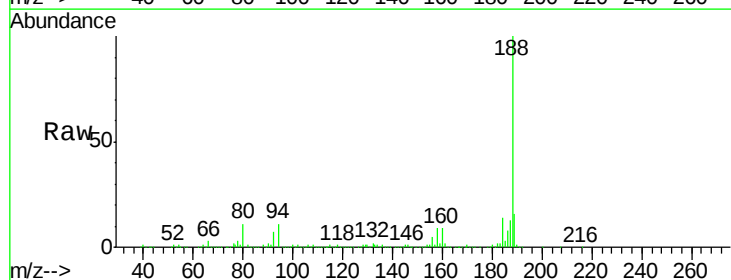


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

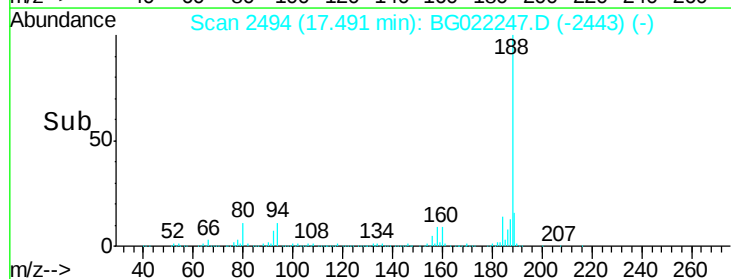
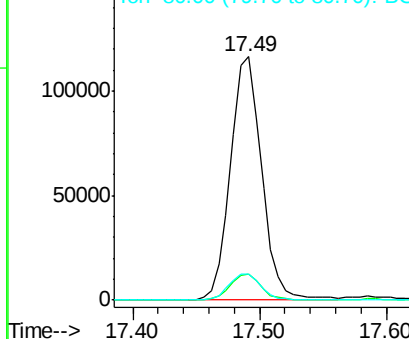


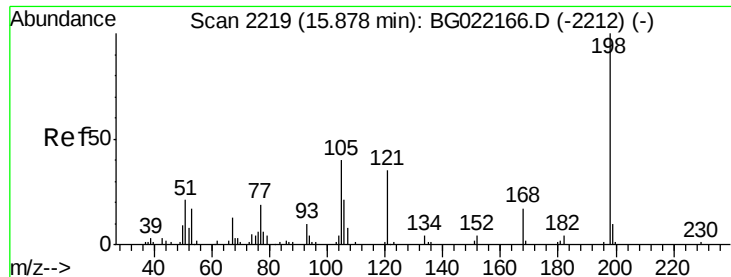
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.00 min
 Lab File: BG022247.D
 Acq: 9 Jun 2016 00:04

Tgt Ion:188 Resp: 198494
 Ion Ratio Lower Upper
 188 100
 94 10.9 7.5 11.3
 80 10.8 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





#64

4,6-Dinitro-2-methylphenol

Concen: 5.53 ng

RT: 15.93 min Scan# 2228

Delta R.T. 0.05 min

Lab File: BG022247.D

Acq: 9 Jun 2016 00:04

Instrument :

BNA_G

ClientSampled :

W-08

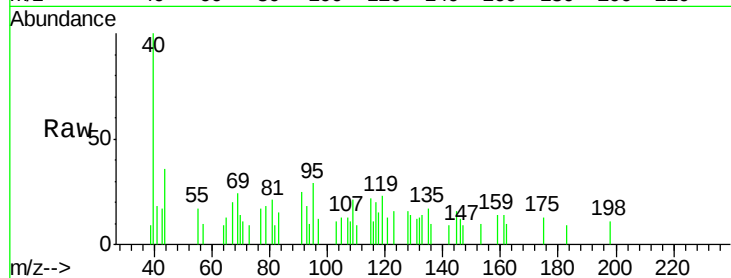
Tgt Ion:198 Resp: 67

Ion Ratio Lower Upper

198 100

51 0.0 29.2 69.2#

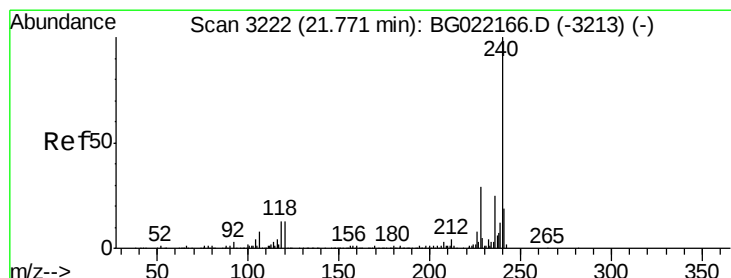
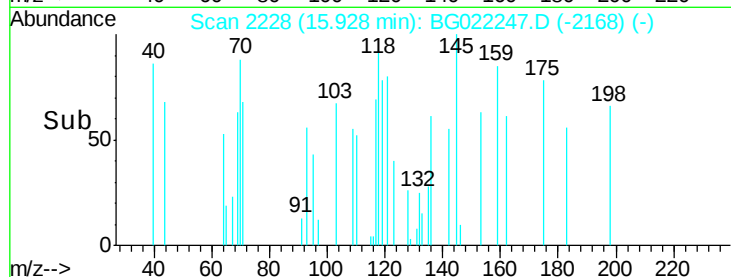
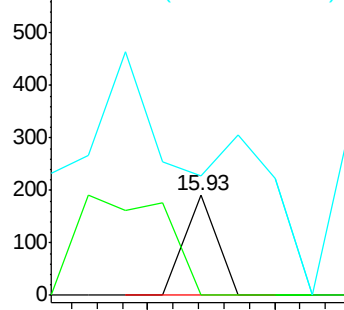
105 120.0 24.0 64.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022247.D

Acq: 9 Jun 2016 00:04

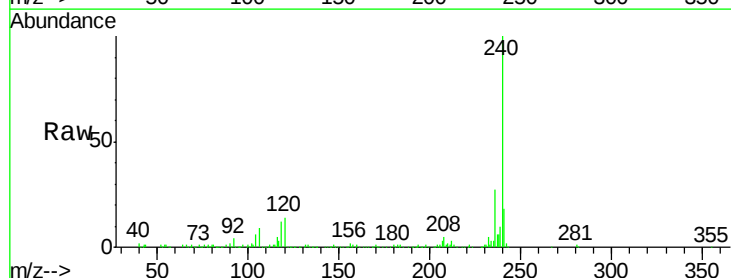
Tgt Ion:240 Resp: 174010

Ion Ratio Lower Upper

240 100

120 14.2 8.4 12.6#

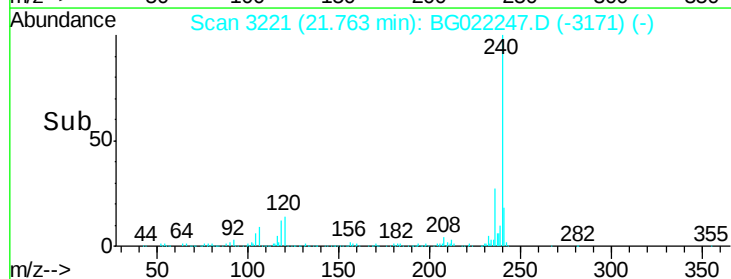
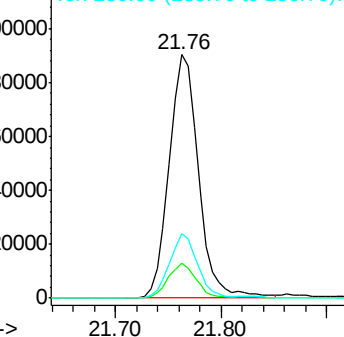
236 26.6 19.6 29.4

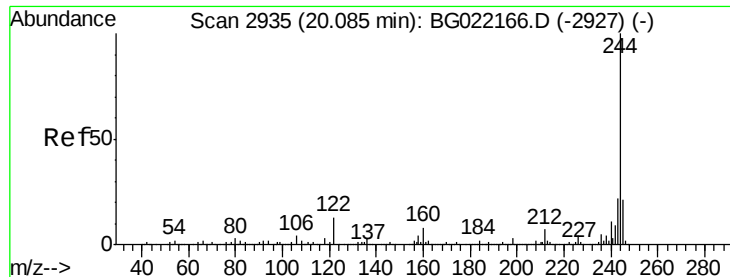


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.39 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022247.D

Acq: 9 Jun 2016 00:04

Instrument :

BNA_G

ClientSampleId :

W-08

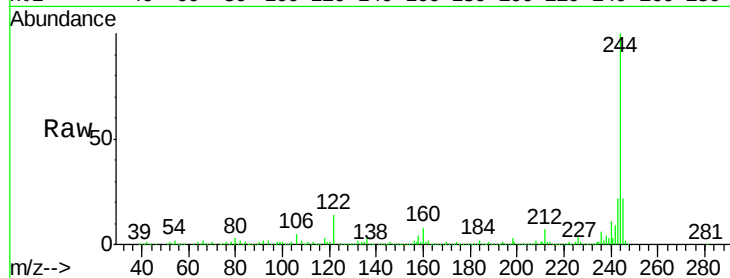
Tgt Ion:244 Resp: 787119

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

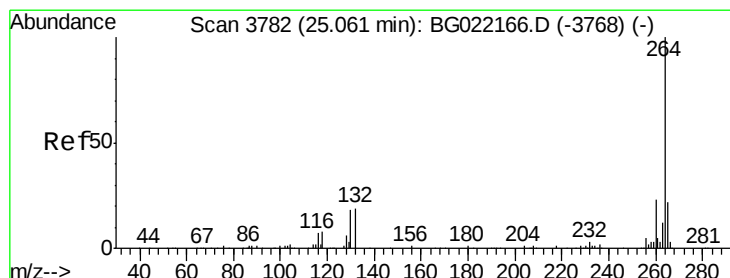
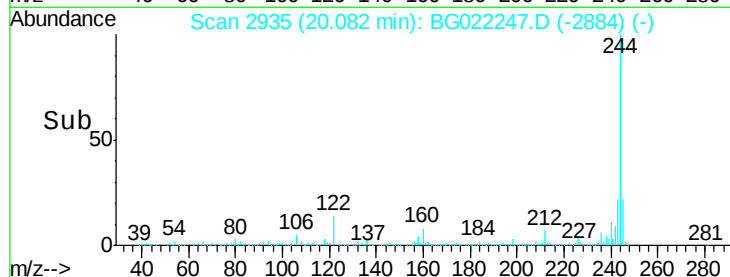
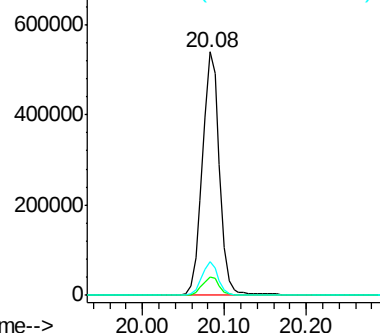
122 14.0 8.6 12.8#



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: 25.05 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BG022247.D

Acq: 9 Jun 2016 00:04

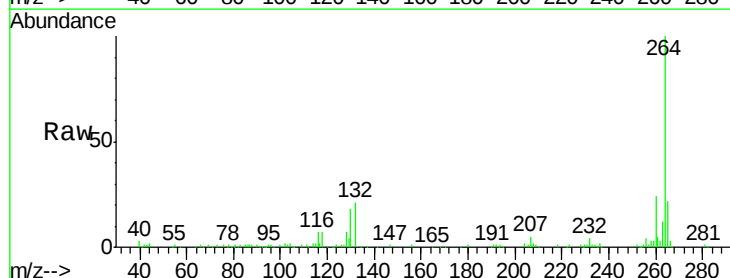
Tgt Ion:264 Resp: 169468

Ion Ratio Lower Upper

264 100

260 24.0 20.2 30.4

265 21.6 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

