

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG022245.D
 Acq On : 8 Jun 2016 22:43
 Operator : UM/SJ
 Sample : H3381-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-51

Quant Time: Jun 09 07:07:34 2016
 Quant Title :
 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	33014	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	156765	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	95578	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	203436	20.00	ng	0.00
75) Chrysene-d12	21.76	240	184515	20.00	ng	0.00
86) Perylene-d12	25.05	264	175967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	123232	72.17	ng	0.00
7) Phenol-d6	7.27	99	106674	39.73	ng	0.00
23) Nitrobenzene-d5	9.29	82	236638	105.24	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	163957	151.81	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	672599	107.24	ng	0.00
78) Terphenyl-d14	20.08	244	850824	109.47	ng	0.00

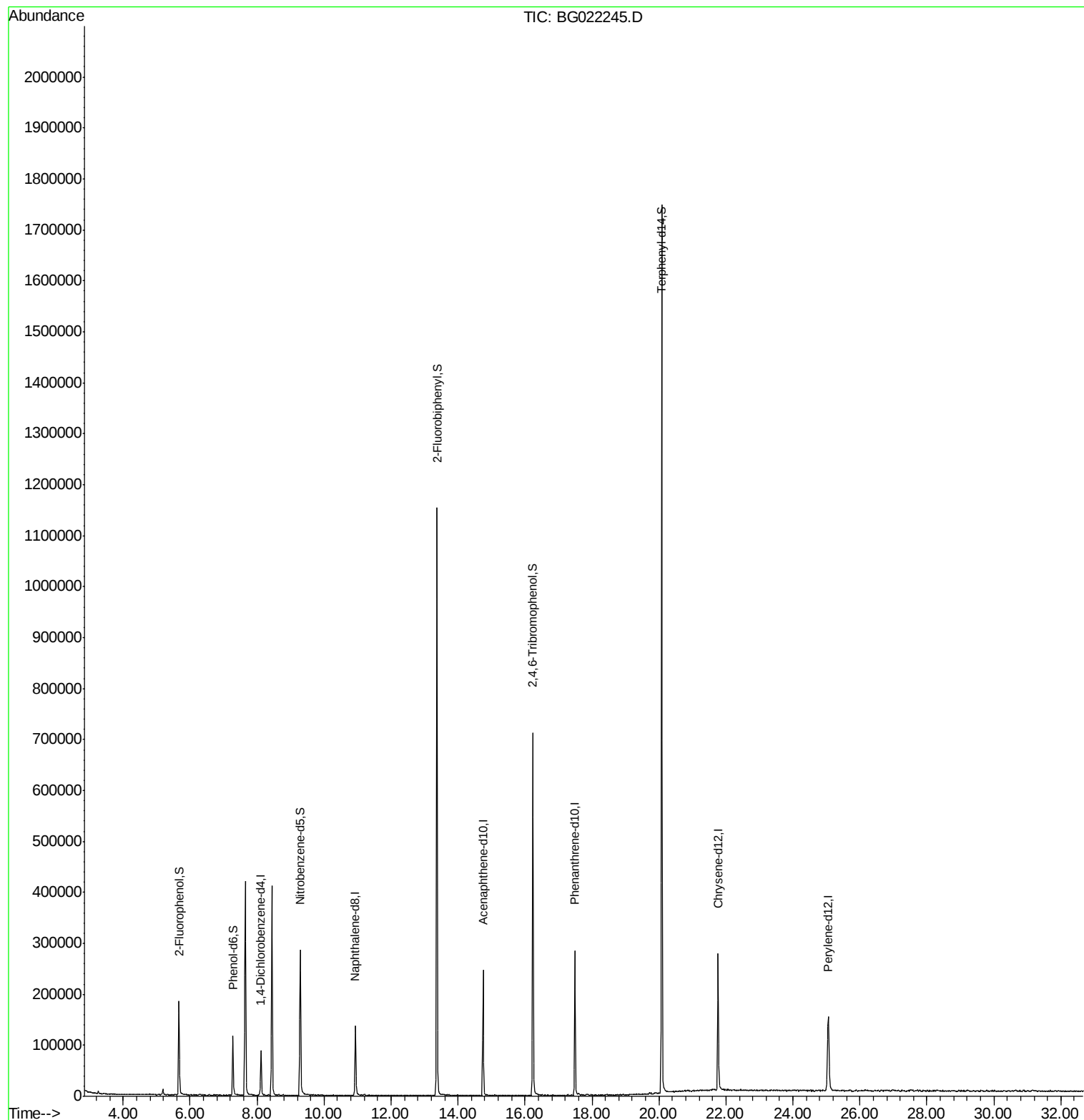
Target Compounds Ovalue

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

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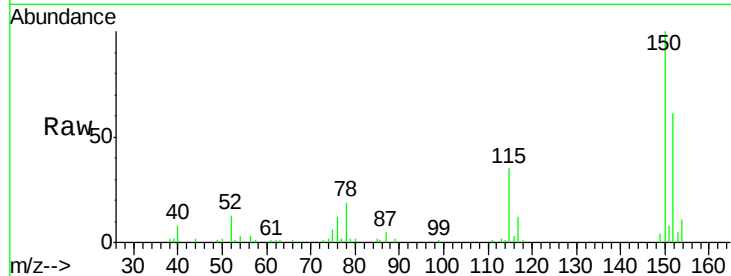


#1

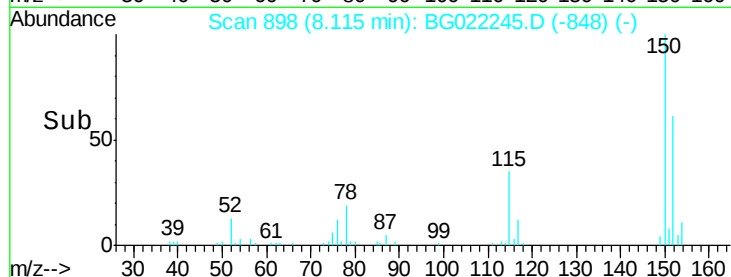
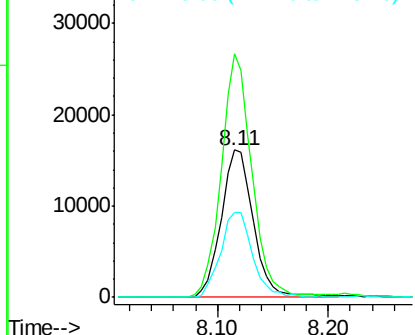
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022245.D
Acq: 8 Jun 2016 22:43

Instrument :
BNA_G
ClientSampleId :
W-51

Tot Ion:152 Resp: 33014
Ion Ratio Lower Upper
152 100
150 165.2 130.1 195.1
115 57.3 62.2 93.2#



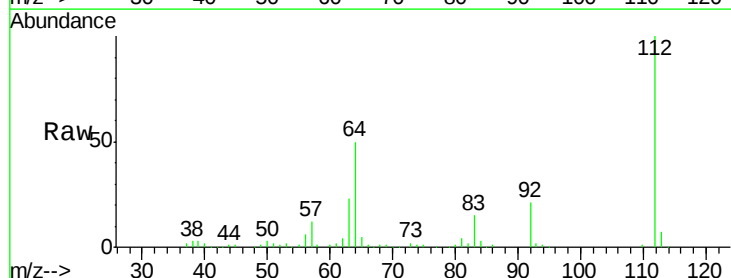
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



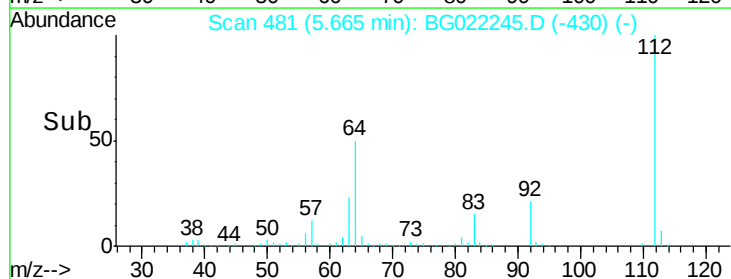
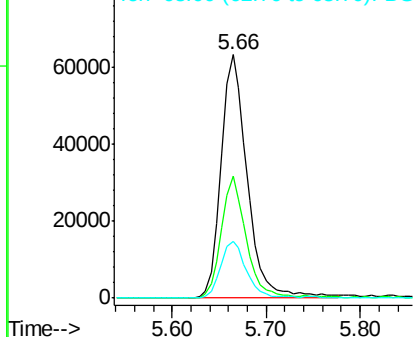
#5

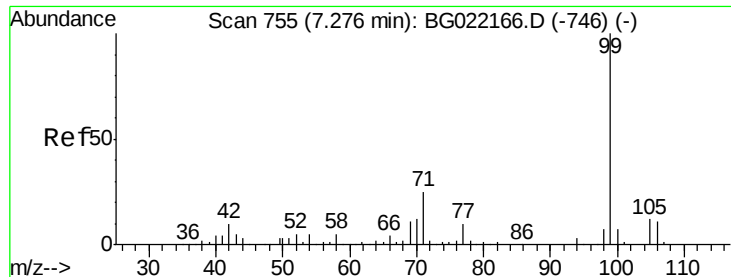
2-Fluorophenol
Concen: 72.17 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG022245.D
Acq: 8 Jun 2016 22:43

Tgt Ion:112 Resp: 123232
Ion Ratio Lower Upper
112 100
64 50.1 51.1 76.7#
63 23.2 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: 39.73 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022245.D

Acq: 8 Jun 2016 22:43

Instrument :

BNA_G

ClientSampleId :

W-51

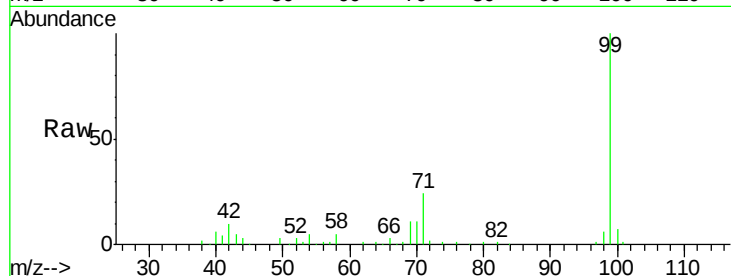
Tot Ion: 99 Resp: 106674

Ion Ratio Lower Upper

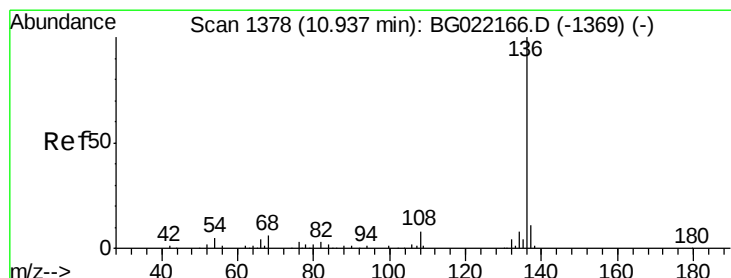
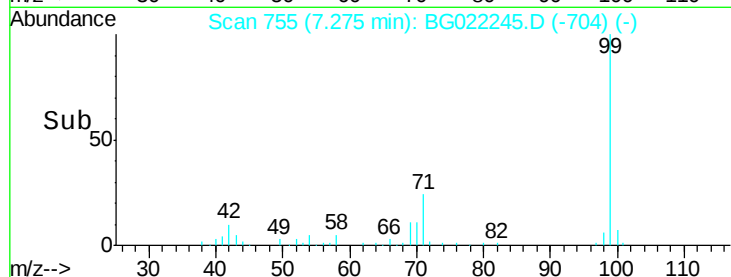
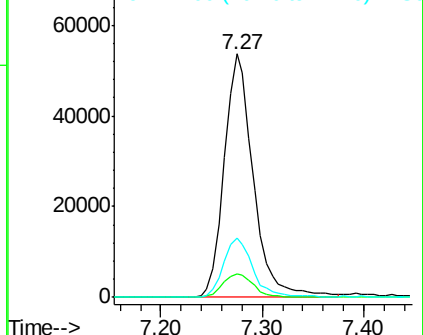
99 100

42 9.9 16.4 24.6#

71 24.1 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: 10.94 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022245.D

Acq: 8 Jun 2016 22:43

Tgt Ion: 136 Resp: 156765

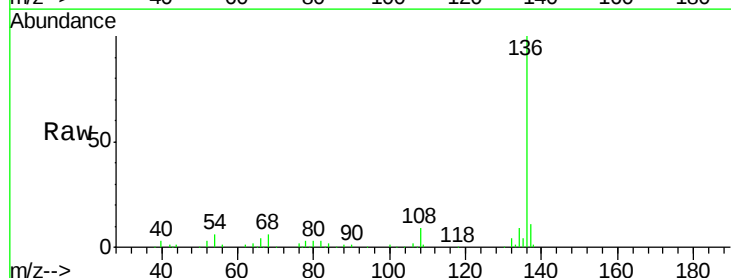
Ion Ratio Lower Upper

136 100

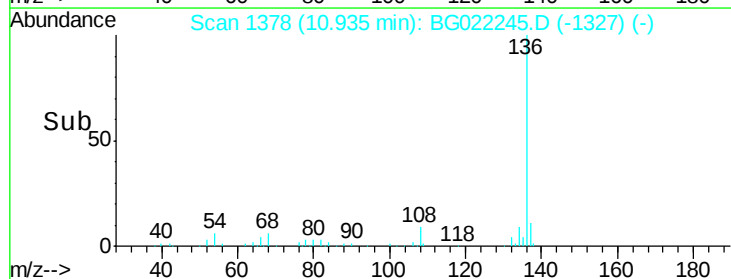
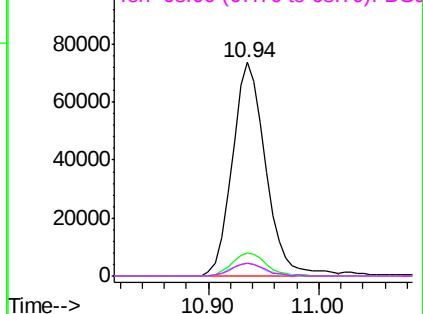
137 11.1 9.0 13.4

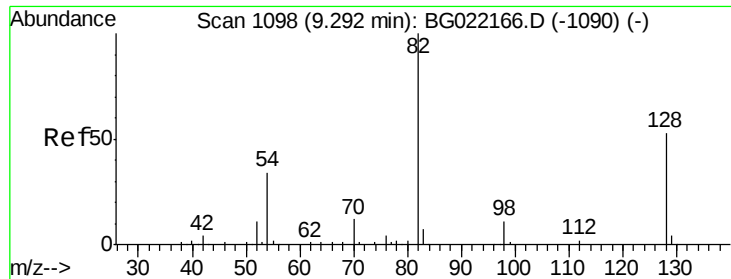
54 6.2 9.6 14.4#

68 5.9 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

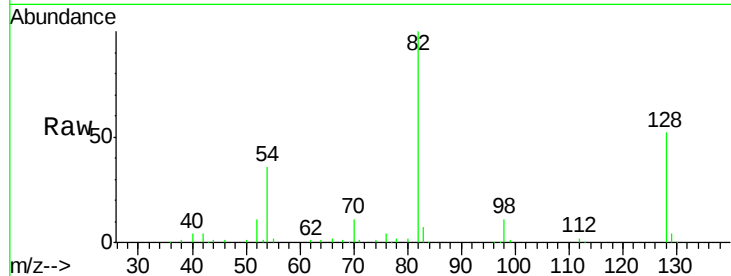




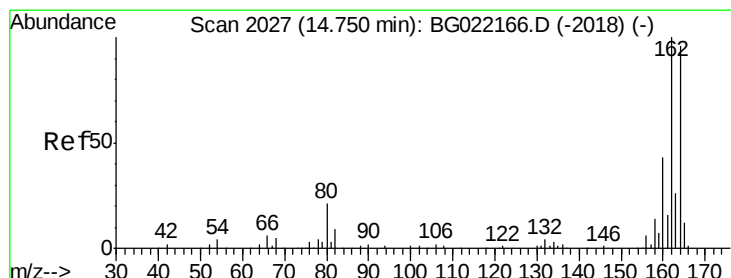
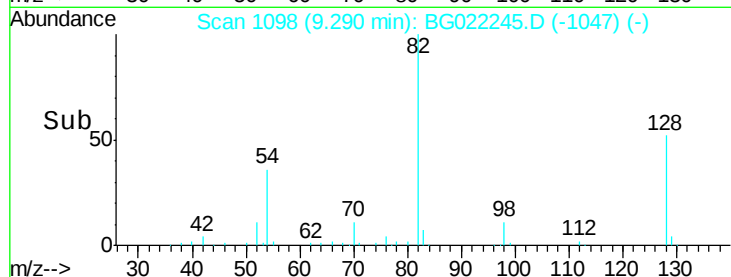
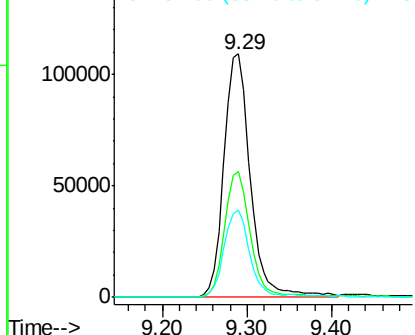
#23
 Nitrobenzene-d5
 Concen: 105.24 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022245.D
 Acq: 8 Jun 2016 22:43

Instrument :
 BNA_G
 ClientSampled :
 W-51

Tot Ion: 82 Resp: 236638
 Ion Ratio Lower Upper
 82 100
 128 51.7 33.4 50.0#
 54 35.7 46.1 69.1#

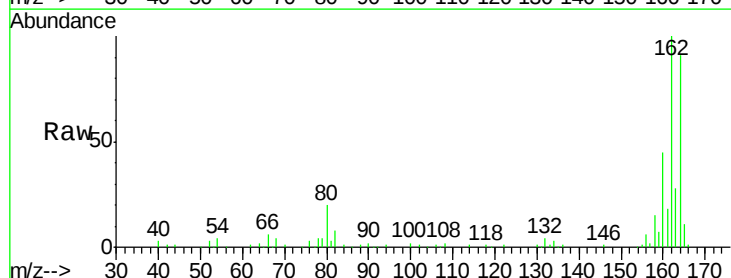


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

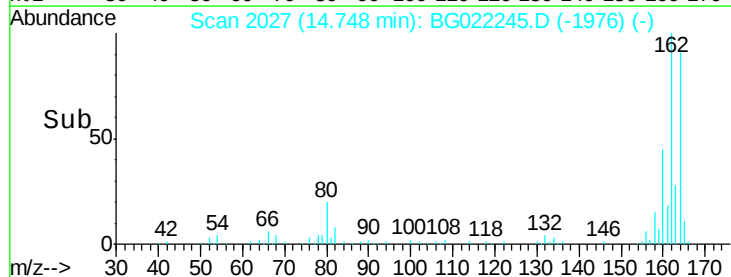
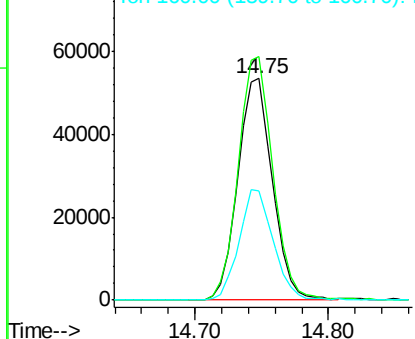


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022245.D
 Acq: 8 Jun 2016 22:43

Tgt Ion:164 Resp: 95578
 Ion Ratio Lower Upper
 164 100
 162 110.0 78.0 117.0
 160 49.2 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: 151.81 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022245.D

Acq: 8 Jun 2016 22:43

Instrument :

BNA_G

ClientSampleId :

W-51

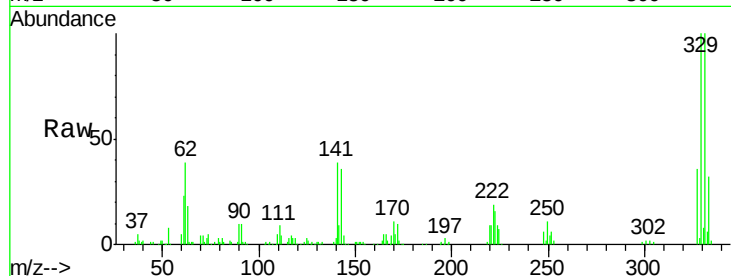
Tot Ion:330 Resp: 163957

Ion Ratio Lower Upper

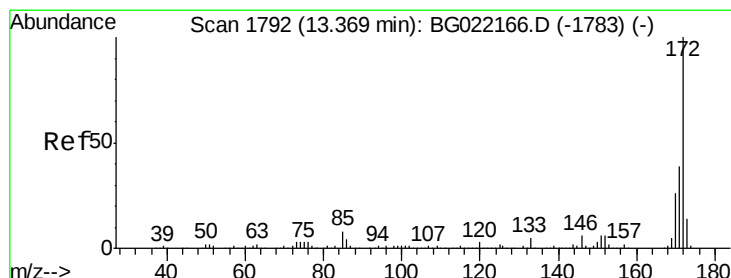
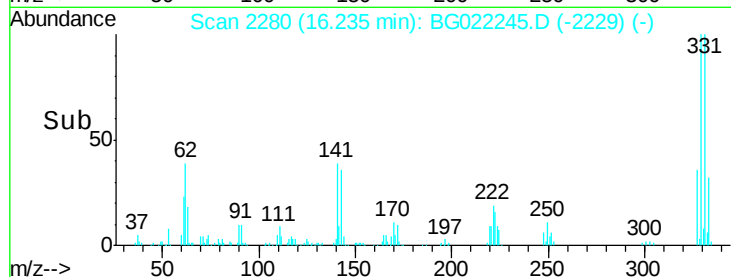
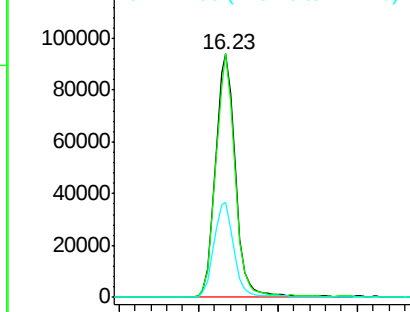
330 100

332 95.9 78.0 117.0

141 39.2 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: 107.24 ng

RT: 13.37 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG022245.D

Acq: 8 Jun 2016 22:43

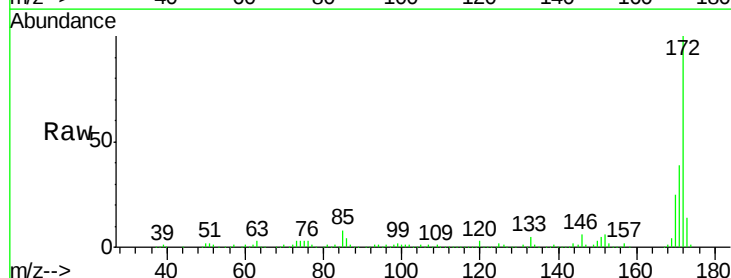
Tgt Ion:172 Resp: 672599

Ion Ratio Lower Upper

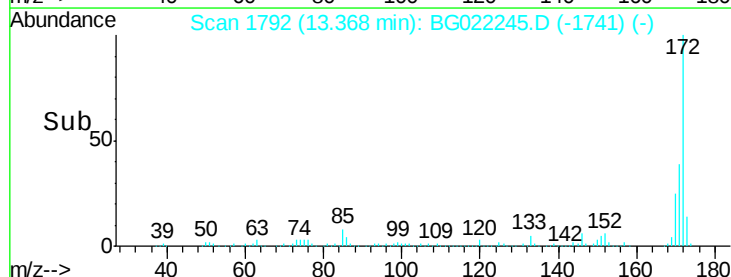
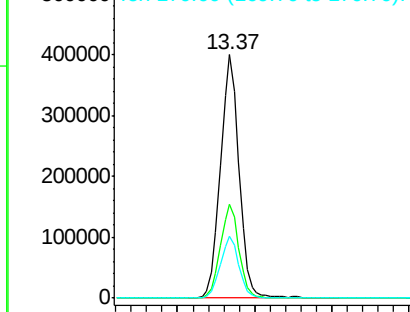
172 100

171 38.6 27.8 41.6

170 25.3 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# 2493

Delta R.T. -0.01 min

Lab File: BG022245.D

Acq: 8 Jun 2016 22:43

Instrument :

BNA_G

ClientSampleId :

W-51

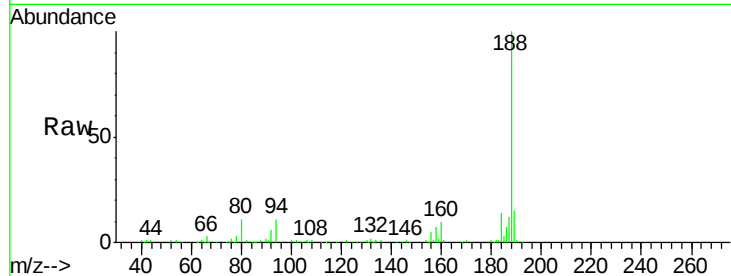
Tot Ion:188 Resp: 203436

Ion Ratio Lower Upper

188 100

94 10.6 7.5 11.3

80 11.1 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

150000

100000

50000

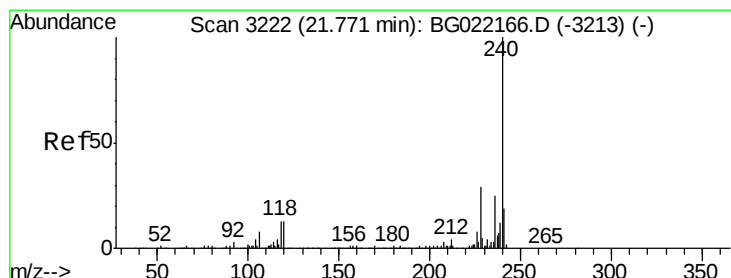
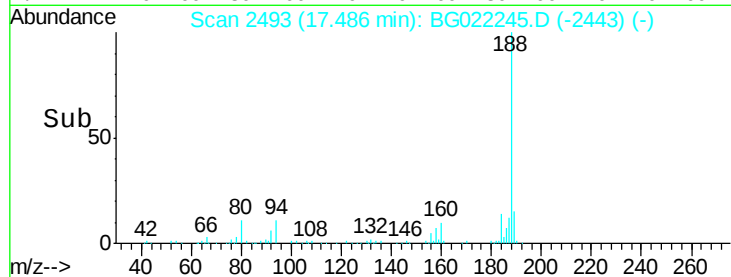
0

17.49

17.40

17.50

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022245.D

Acq: 8 Jun 2016 22:43

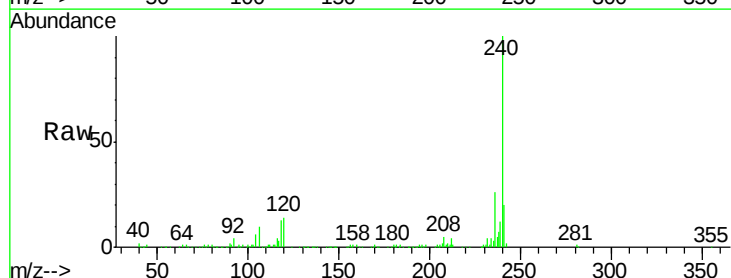
Tgt Ion:240 Resp: 184515

Ion Ratio Lower Upper

240 100

120 13.8 8.4 12.6#

236 25.9 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

120000

100000

80000

60000

40000

20000

0

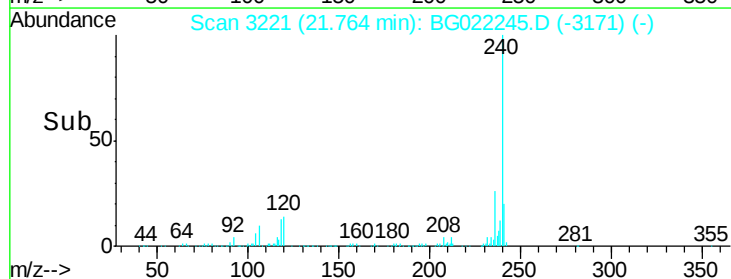
21.76

21.70

21.80

21.90

Time-->





#78

Terphenyl-d14

Concen: 109.47 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022245.D

Acq: 8 Jun 2016 22:43

Instrument :

BNA_G

ClientSampleId :

W-51

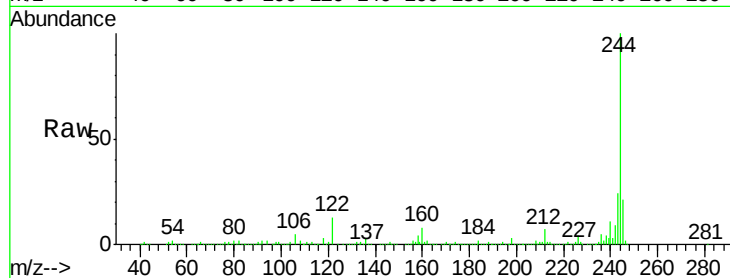
Tot Ion:244 Resp: 850824

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 13.1 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

600000

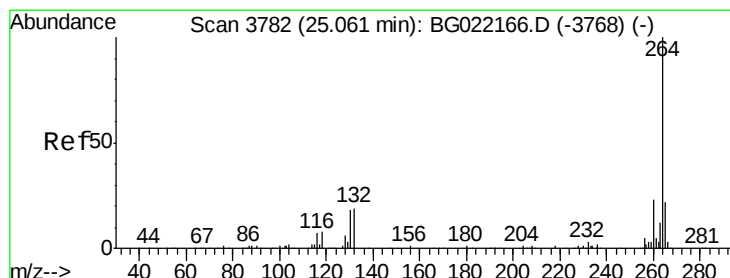
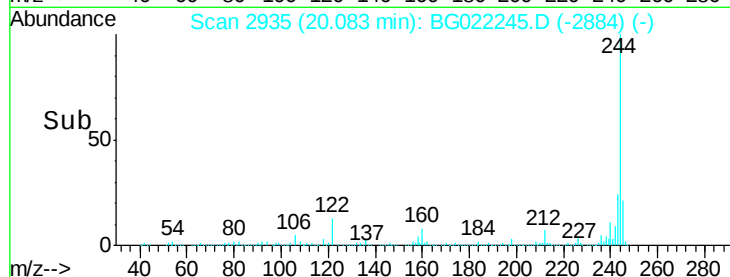
400000

200000

0

20.08

Time--> 20.00 20.10 20.20



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BG022245.D

Acq: 8 Jun 2016 22:43

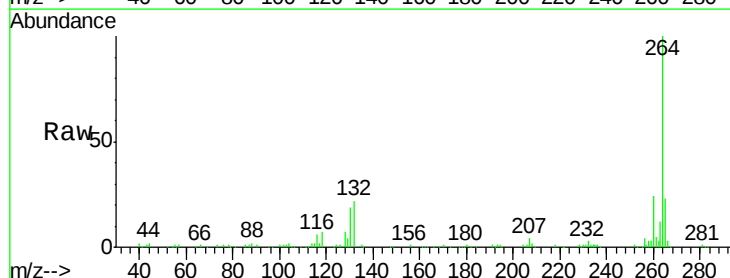
Tgt Ion:264 Resp: 175967

Ion Ratio Lower Upper

264 100

260 24.1 20.2 30.4

265 22.5 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

60000

40000

20000

0

25.05

Time--> 24.90 25.00 25.10 25.20

