

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022288.D
 Acq On : 10 Jun 2016 15:03
 Operator : UM/SJ
 Sample : H3438-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-07-COMP

Quant Time: Jun 10 22:59:06 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

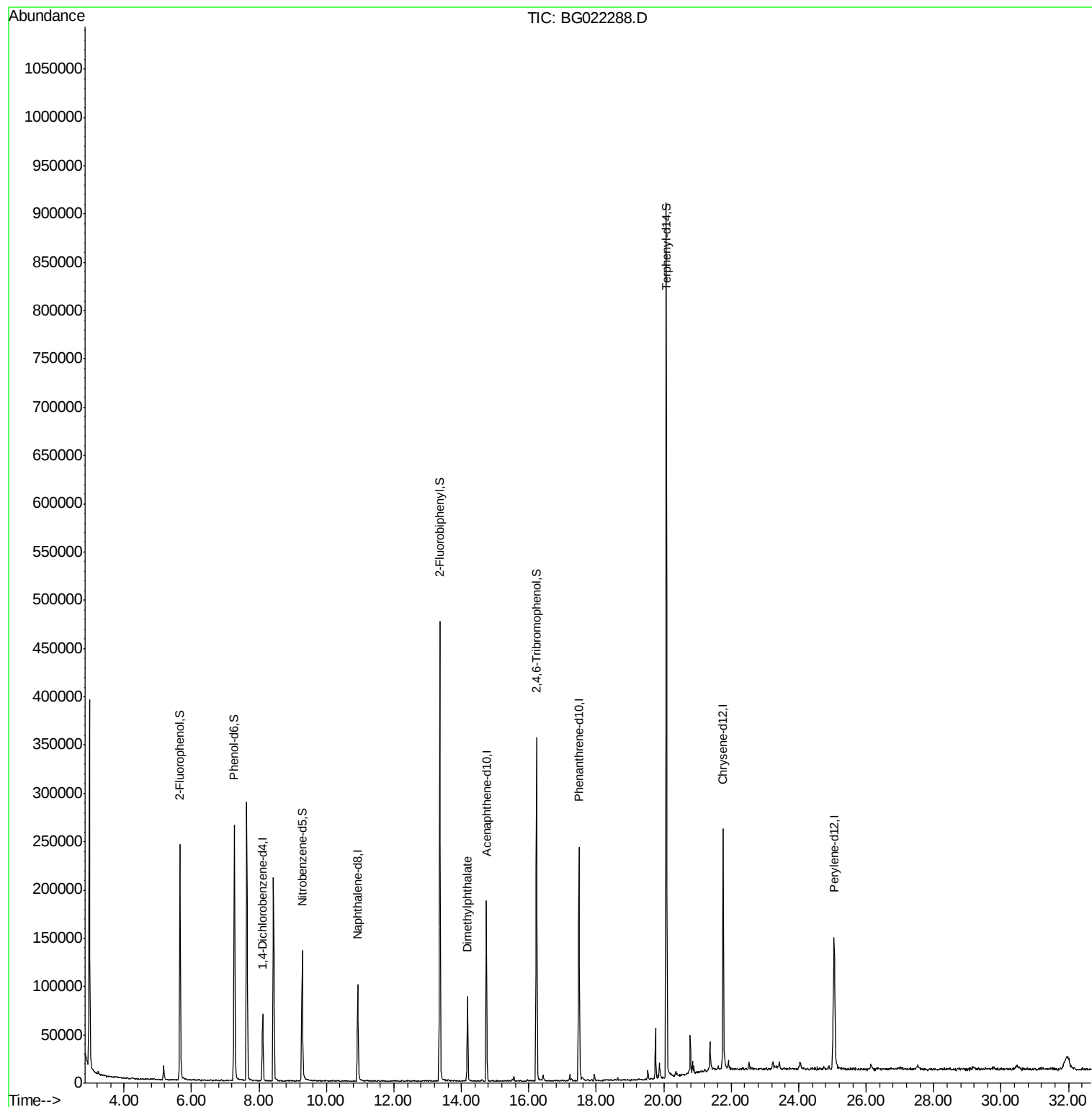
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	24921	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	117986	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	72510	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	172700	20.00	ng	0.00
75) Chrysene-d12	21.76	240	164229	20.00	ng	-0.01
86) Perylene-d12	25.05	264	153820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	154842	120.13	ng	0.00
7) Phenol-d6	7.27	99	228848	112.92	ng	0.00
23) Nitrobenzene-d5	9.28	82	117457	69.40	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	73355	89.53	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	289828	60.91	ng	0.00
78) Terphenyl-d14	20.08	244	425556	61.52	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	72765	12.10	ng	Qvalue 100

(#) = 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# 897

Delta R.T. -0.01 min

Lab File: BG022288.D

Acq: 10 Jun 2016 15:03

Instrument :

BNA_G

ClientSampleId :

SB-07-COMP

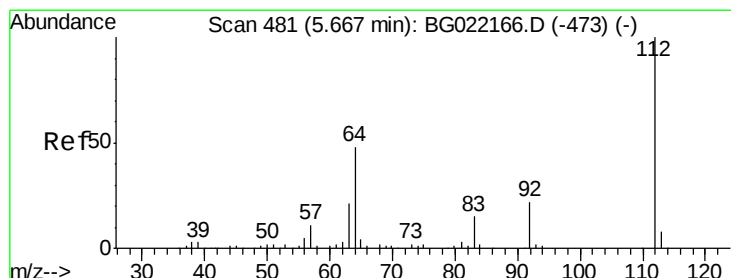
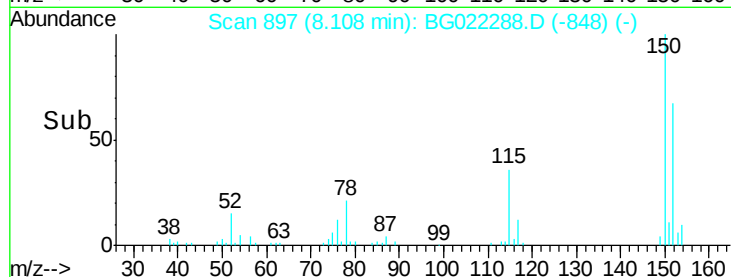
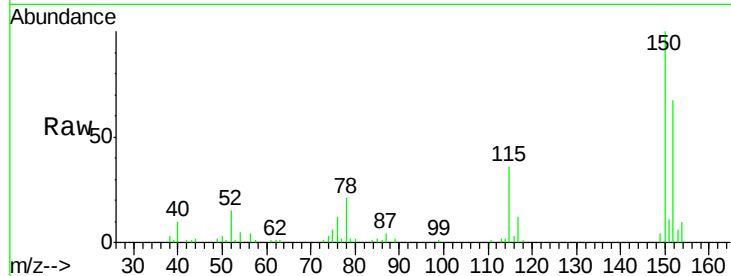
Tgt Ion:152 Resp: 24921

Ion Ratio Lower Upper

152 100

150 149.8 130.1 195.1

115 54.1 62.2 93.2#



#5

2-Fluorophenol

Concen: 120.13 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG022288.D

Acq: 10 Jun 2016 15:03

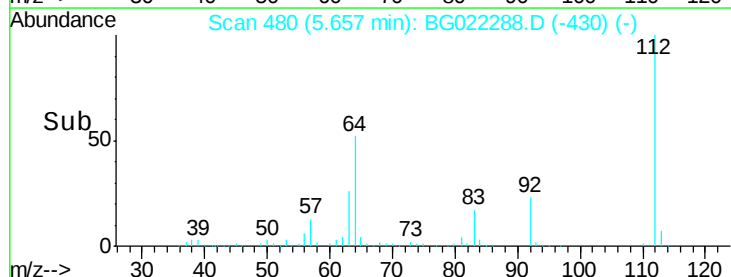
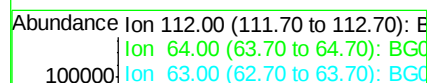
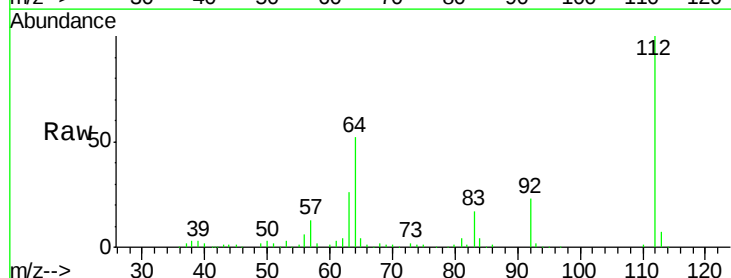
Tgt Ion:112 Resp: 154842

Ion Ratio Lower Upper

112 100

64 51.9 51.1 76.7

63 25.6 24.6 37.0





#7

Phenol-d6

Concen: 112.92 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022288.D

Acq: 10 Jun 2016 15:03

Instrument :

BNA_G

ClientSampleId :

SB-07-COMP

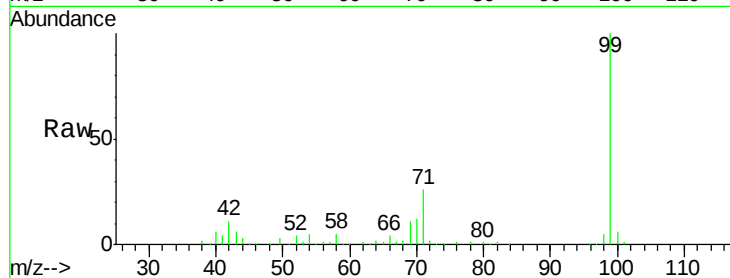
Tgt Ion: 99 Resp: 228848

Ion Ratio Lower Upper

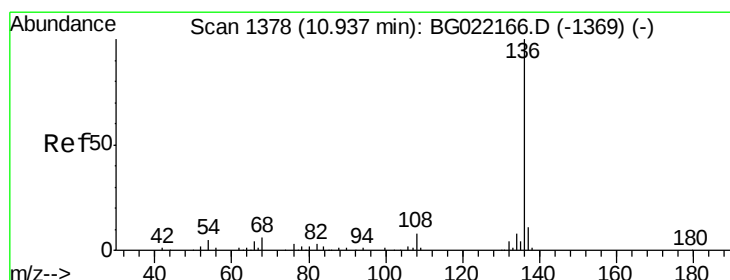
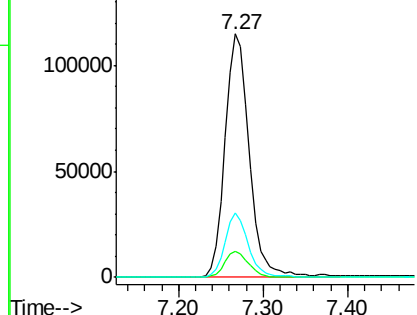
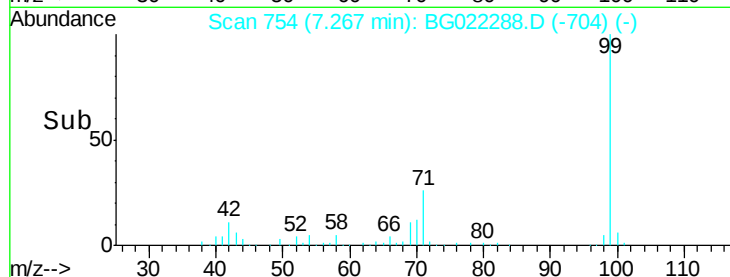
99 100

42 10.7 16.4 24.6#

71 26.4 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# 1377

Delta R.T. -0.01 min

Lab File: BG022288.D

Acq: 10 Jun 2016 15:03

Tgt Ion: 136 Resp: 117986

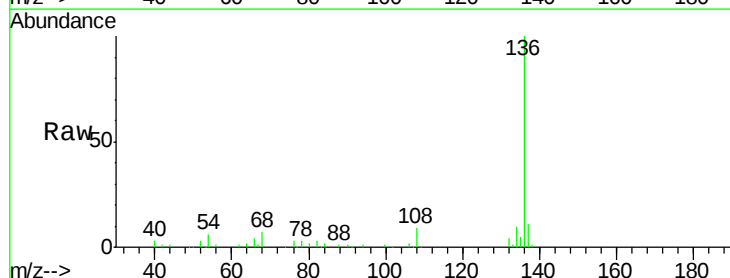
Ion Ratio Lower Upper

136 100

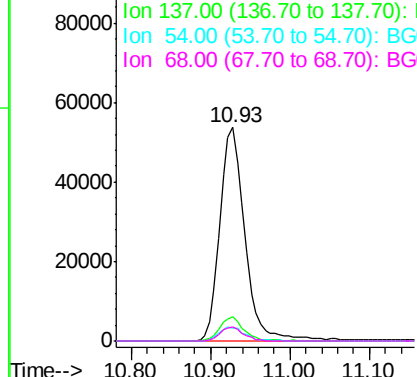
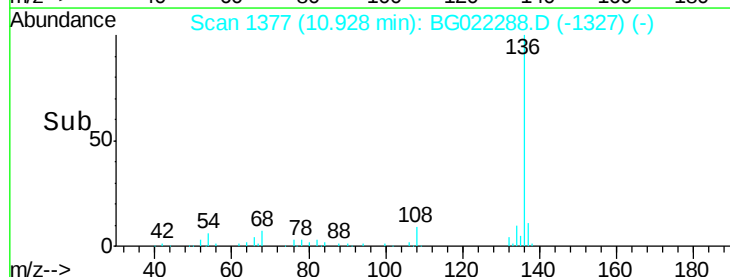
137 11.3 9.0 13.4

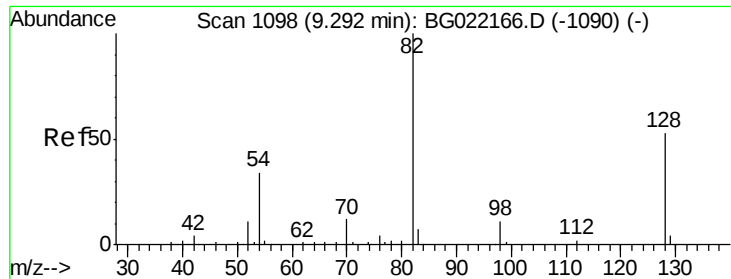
54 5.9 9.6 14.4#

68 6.7 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

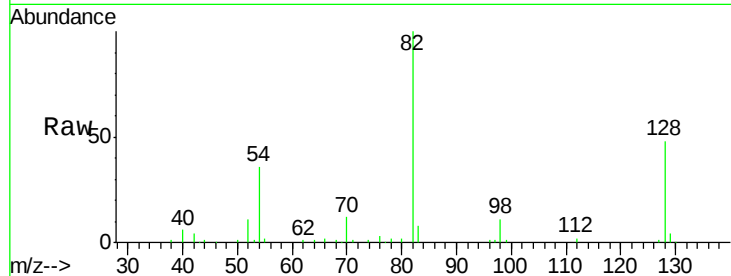




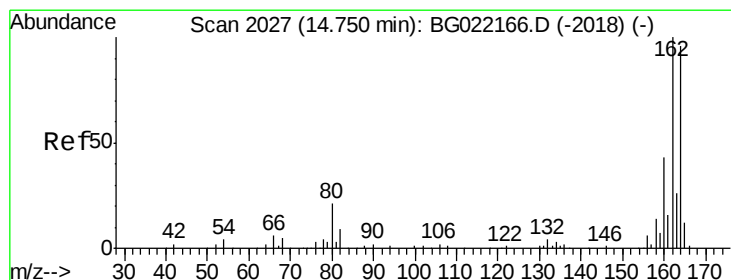
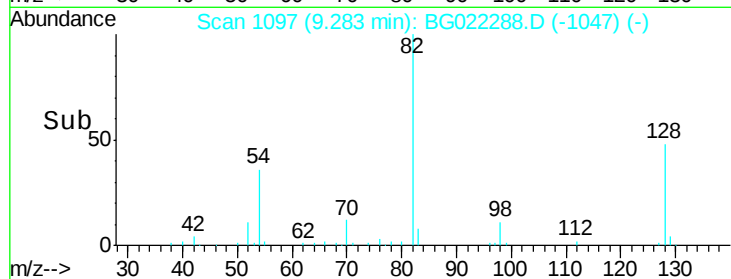
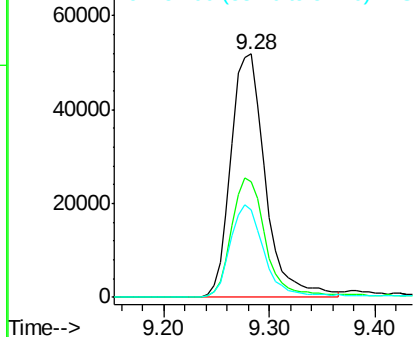
#23
 Nitrobenzene-d5
 Concen: 69.40 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG022288.D
 Acq: 10 Jun 2016 15:03

Instrument :
 BNA_G
 ClientSampleId :
 SB-07-COMP

Tgt Ion: 82 Resp: 117457
 Ion Ratio Lower Upper
 82 100
 128 47.7 33.4 50.0
 54 35.9 46.1 69.1#

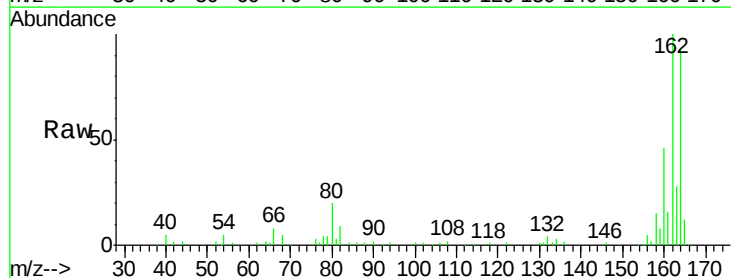


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

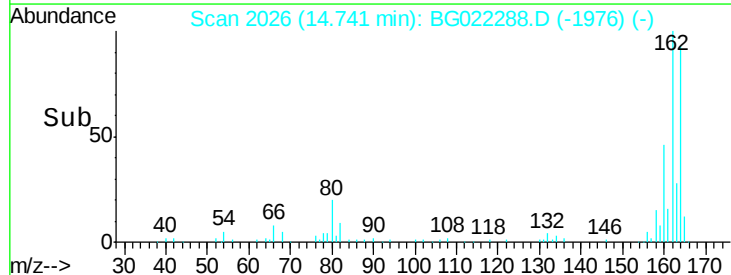
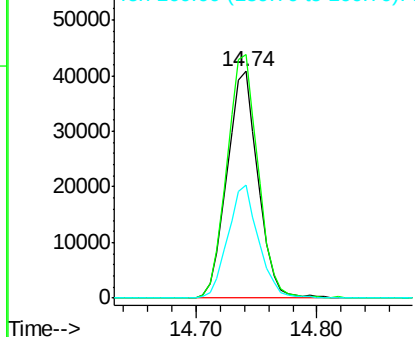


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BG022288.D
 Acq: 10 Jun 2016 15:03

Tgt Ion: 164 Resp: 72510
 Ion Ratio Lower Upper
 164 100
 162 107.5 78.0 117.0
 160 49.8 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

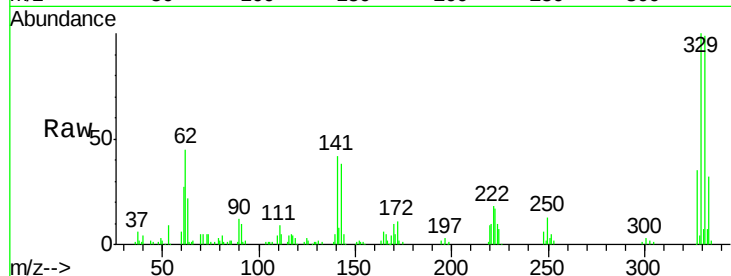




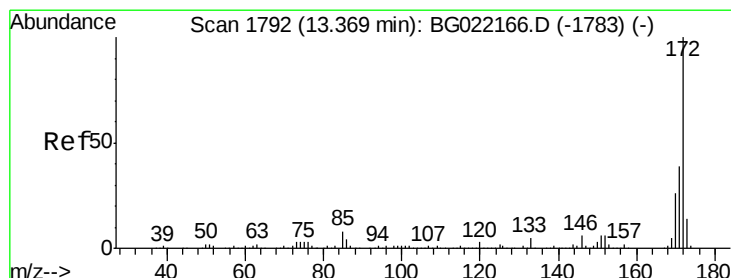
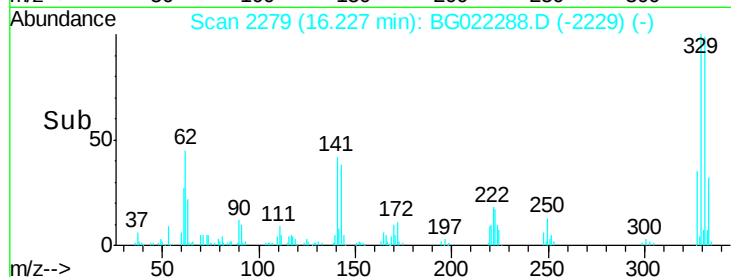
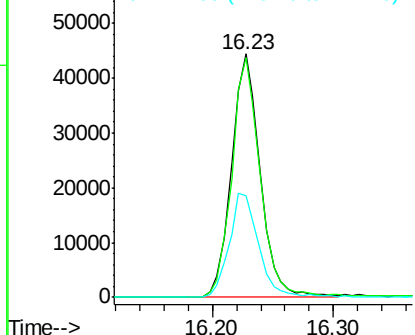
#41
 2,4,6-Tribromophenol
 Concen: 89.53 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG022288.D
 Acq: 10 Jun 2016 15:03

Instrument :
 BNA_G
 ClientSampleId :
 SB-07-COMP

Tgt Ion:330 Resp: 73355
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.0 117.0
 141 43.8 33.8 50.8

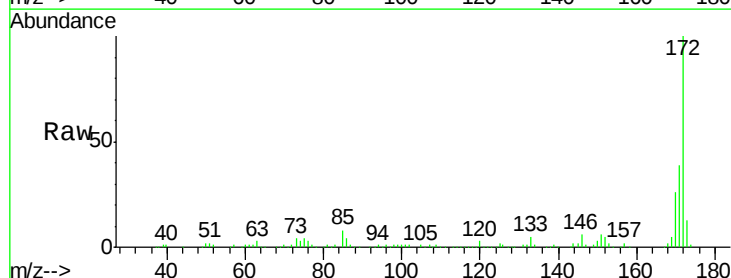


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

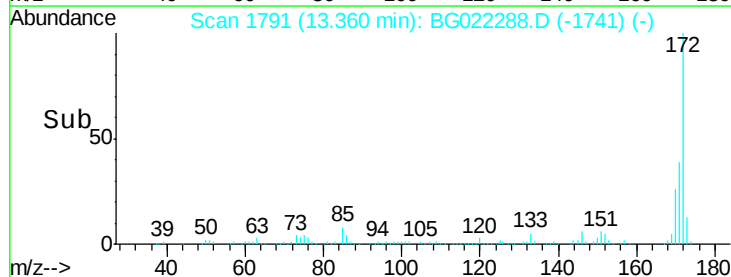
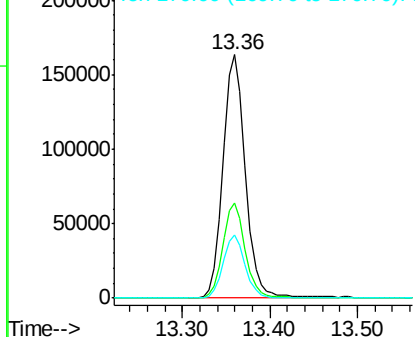


#44
 2-Fluorobiphenyl
 Concen: 60.91 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG022288.D
 Acq: 10 Jun 2016 15:03

Tgt Ion:172 Resp: 289828
 Ion Ratio Lower Upper
 172 100
 171 39.2 27.8 41.6
 170 25.8 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





#49

Dimethylphthalate

Concen: 12.10 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG022288.D

Acq: 10 Jun 2016 15:03

Instrument :

BNA_G

ClientSampleId :

SB-07-COMP

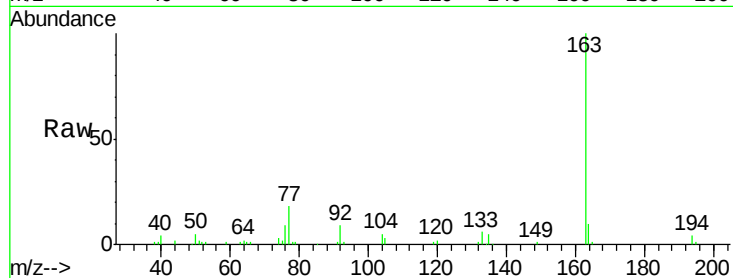
Tgt Ion:163 Resp: 72765

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

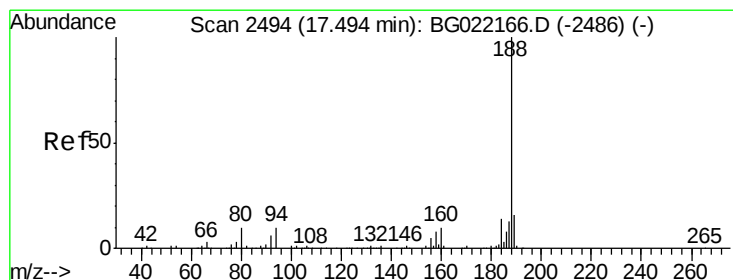
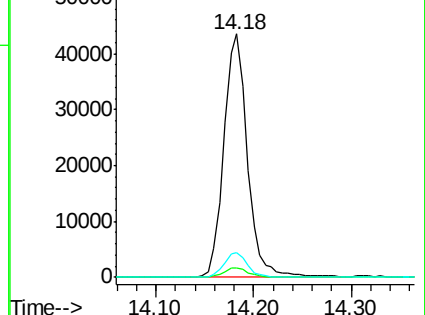
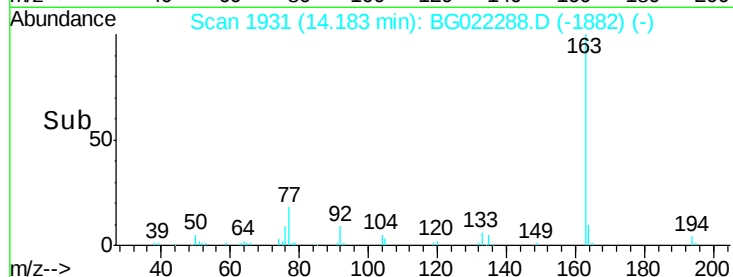
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BG022288.D

Acq: 10 Jun 2016 15:03

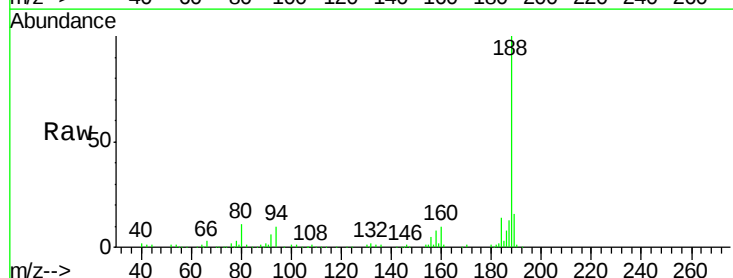
Tgt Ion:188 Resp: 172700

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

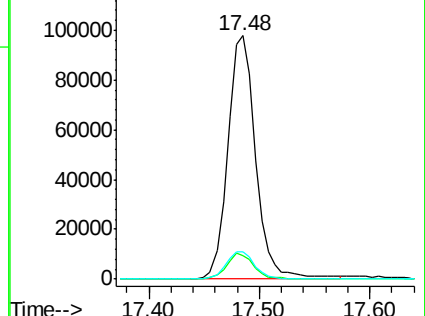
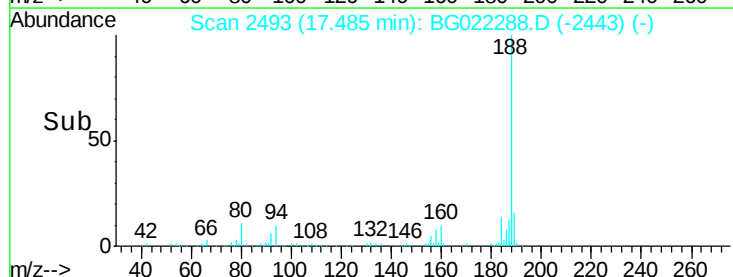
80 11.1 8.6 13.0

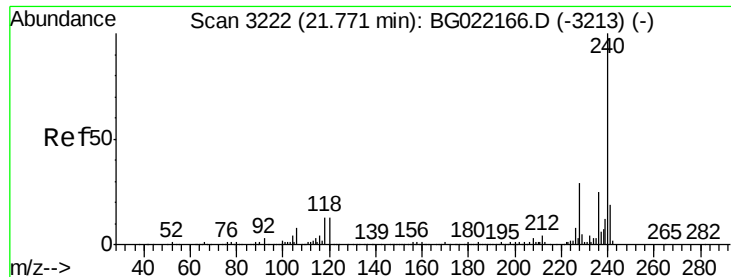


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022288.D

Acq: 10 Jun 2016 15:03

Instrument :

BNA_G

ClientSampled :

SB-07-COMP

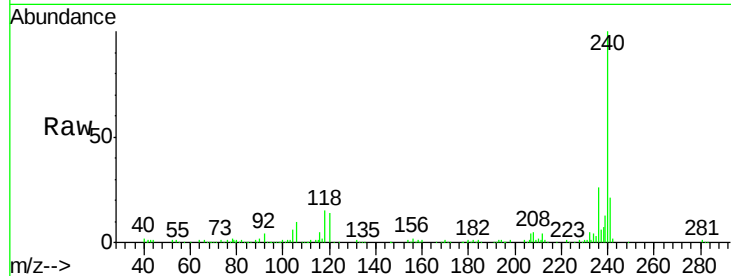
Tgt Ion:240 Resp: 164229

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

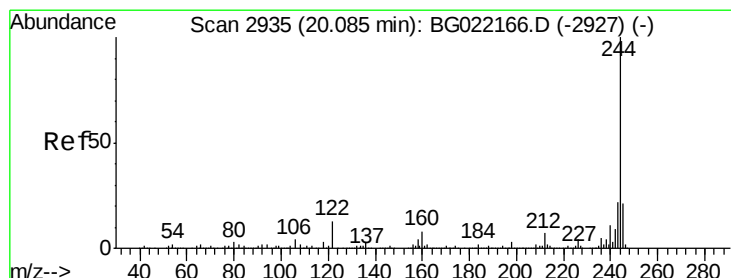
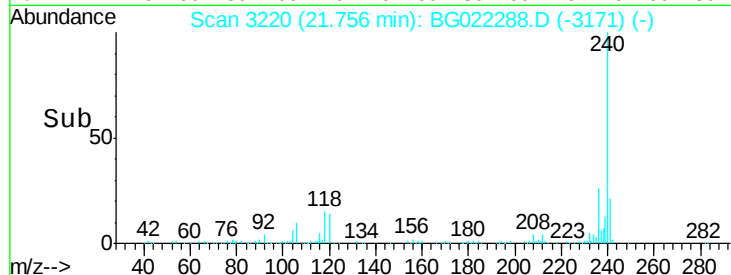
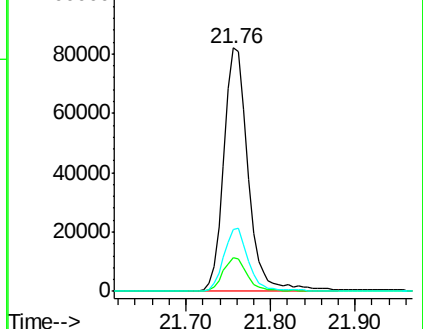
236 25.5 19.6 29.4



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: 61.52 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022288.D

Acq: 10 Jun 2016 15:03

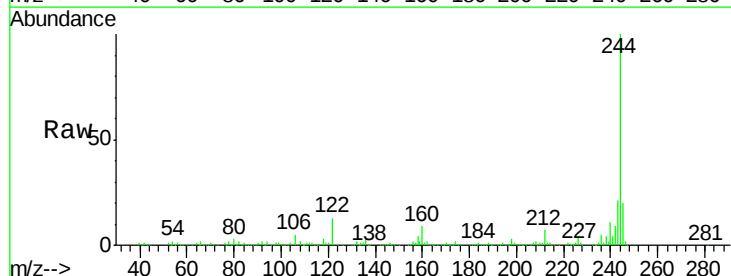
Tgt Ion:244 Resp: 425556

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

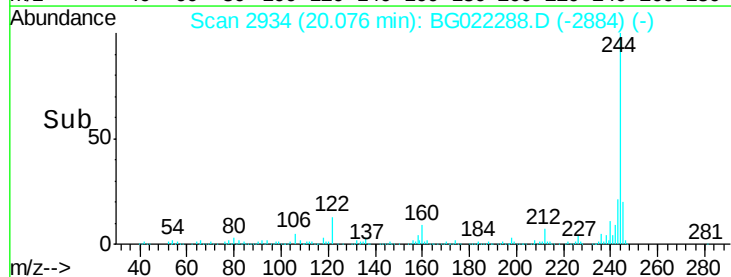
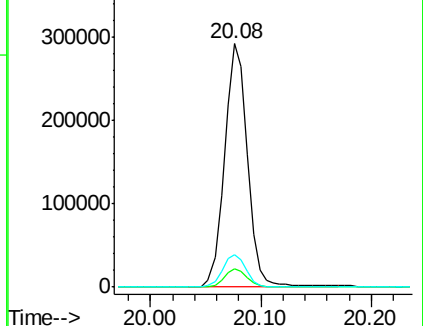
122 13.4 8.6 12.8#

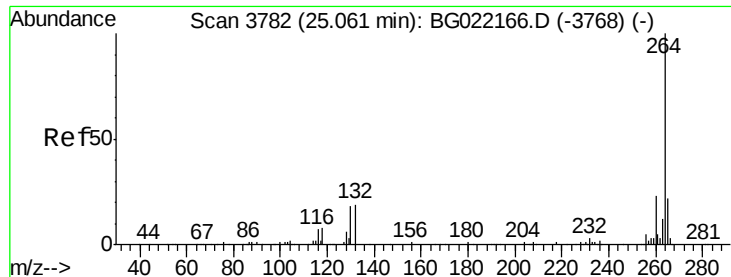


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

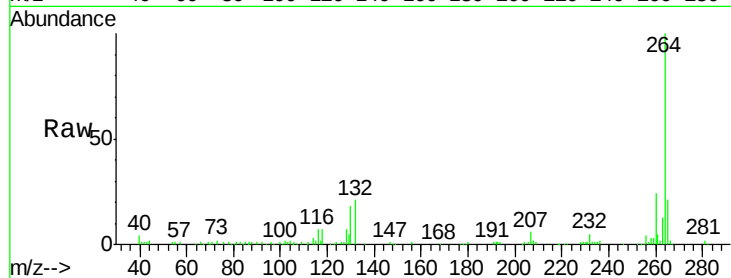




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BG022288.D
Acq: 10 Jun 2016 15:03

Instrument :
BNA_G
ClientSampleId :
SB-07-COMP

Tgt Ion: 264 Resp: 153820
Ion Ratio Lower Upper
264 100
260 24.0 20.2 30.4
265 21.5 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

