

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022289.D
 Acq On : 10 Jun 2016 15:43
 Operator : UM/SJ
 Sample : H3438-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-08-COMP

Quant Time: Jun 10 22:59:17 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

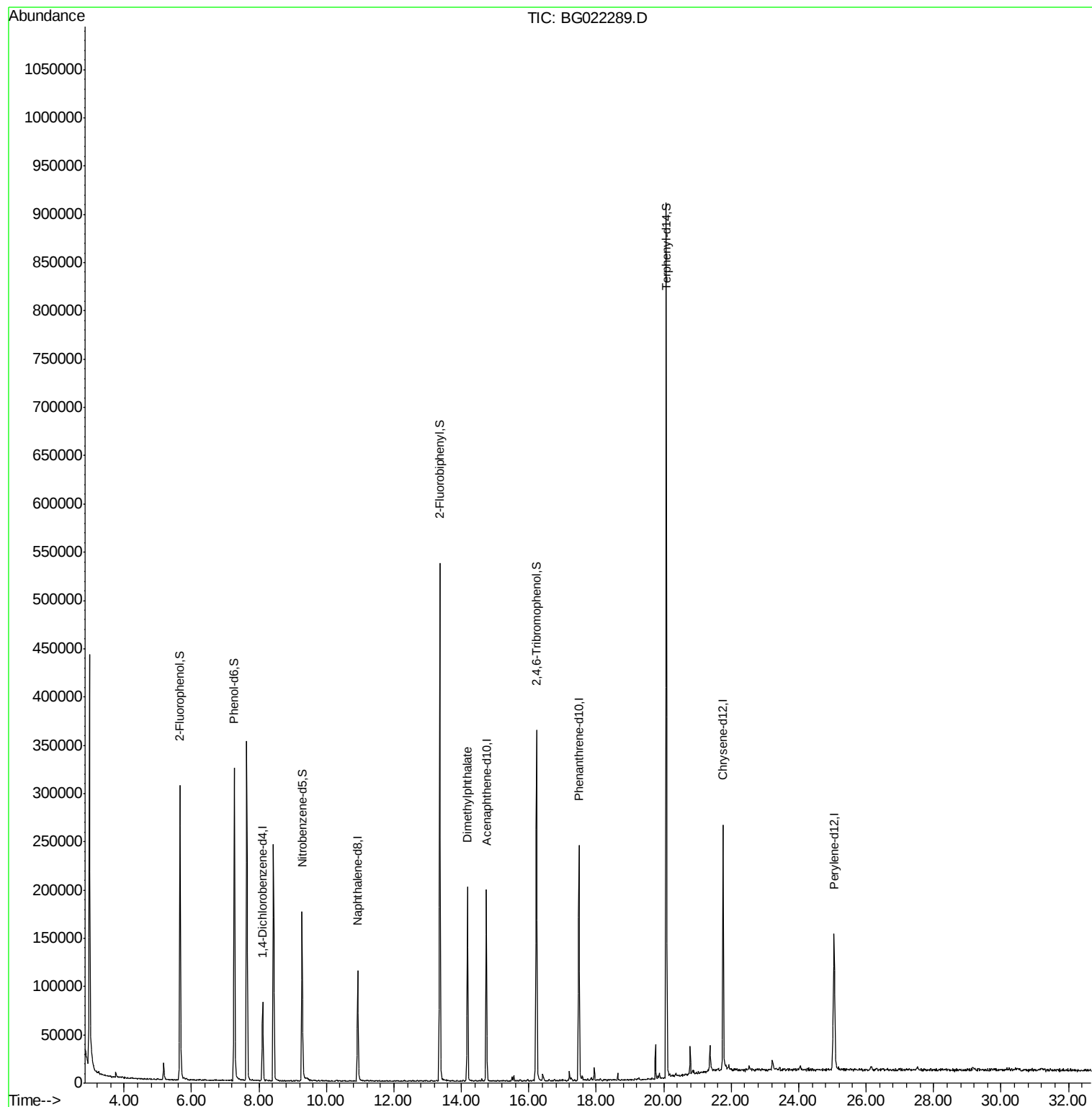
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	28844	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	132986	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	77271	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	172460	20.00	ng	0.00
75) Chrysene-d12	21.76	240	163353	20.00	ng	-0.01
86) Perylene-d12	25.05	264	151829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	191884	128.62	ng	0.00
7) Phenol-d6	7.27	99	273774	116.72	ng	0.00
23) Nitrobenzene-d5	9.28	82	145230	76.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	78757	90.20	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	313492	61.83	ng	0.00
78) Terphenyl-d14	20.08	244	417965	60.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	160798	25.10	ng	Qvalue 100

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

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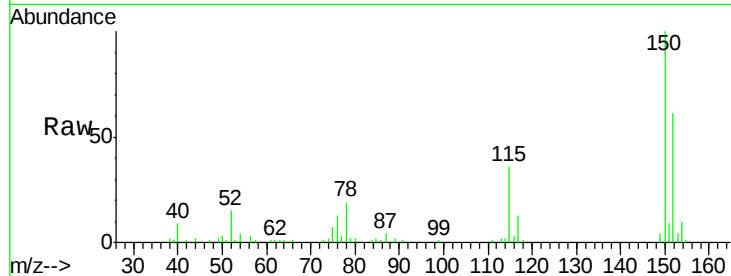


#1

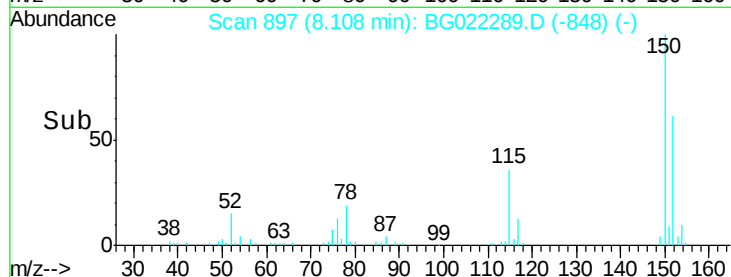
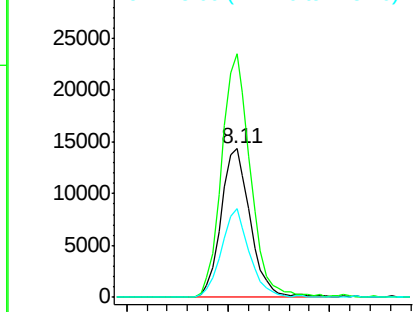
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG022289.D
Acq: 10 Jun 2016 15:43

Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

Tgt Ion:152 Resp: 28844
Ion Ratio Lower Upper
152 100
150 163.9 130.1 195.1
115 59.4 62.2 93.2#



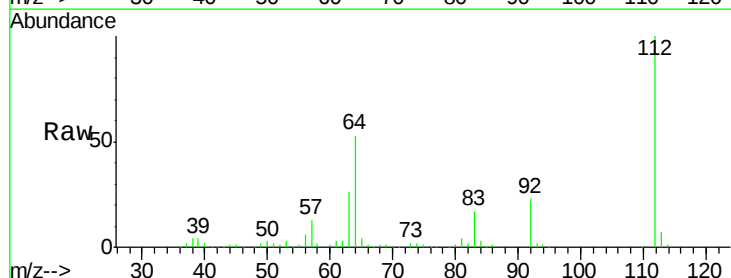
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



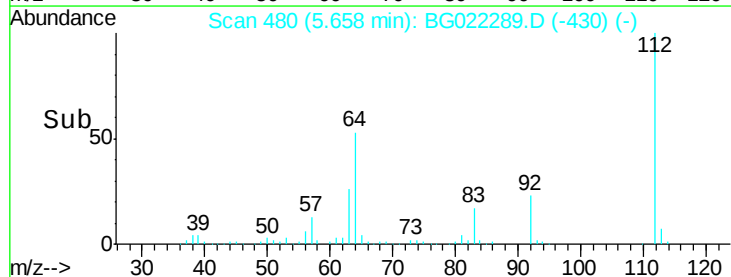
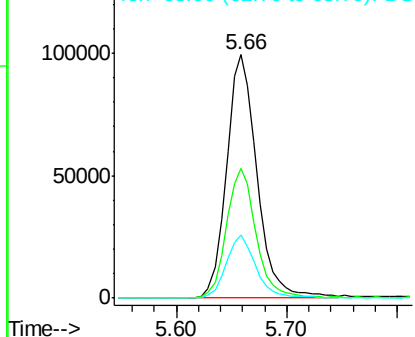
#5

2-Fluorophenol
Concen: 128.62 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG022289.D
Acq: 10 Jun 2016 15:43

Tgt Ion:112 Resp: 191884
Ion Ratio Lower Upper
112 100
64 53.4 51.1 76.7
63 26.0 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: 116.72 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022289.D

Acq: 10 Jun 2016 15:43

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

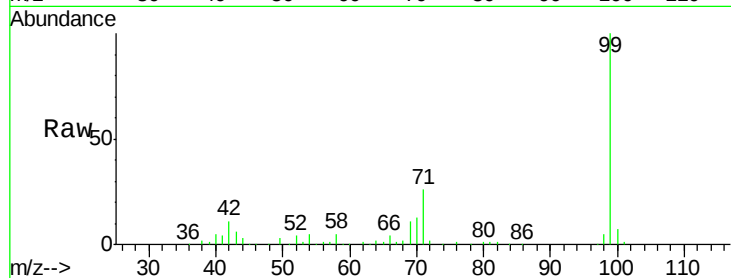
Tgt Ion: 99 Resp: 273774

Ion Ratio Lower Upper

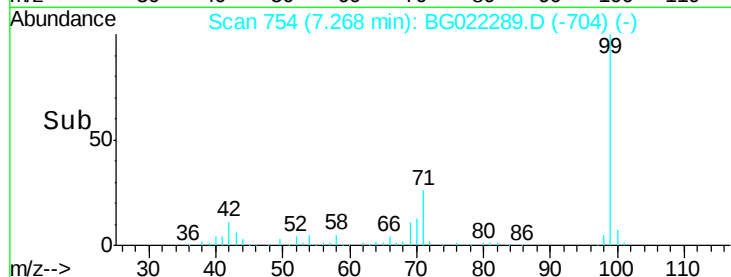
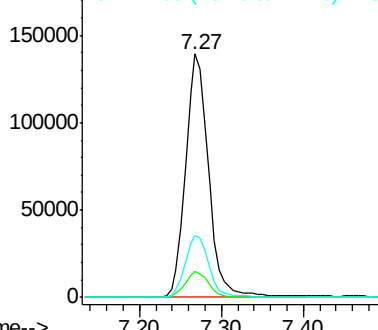
99 100

42 10.9 16.4 24.6#

71 25.5 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: BG022289.D

Acq: 10 Jun 2016 15:43

Tgt Ion: 136 Resp: 132986

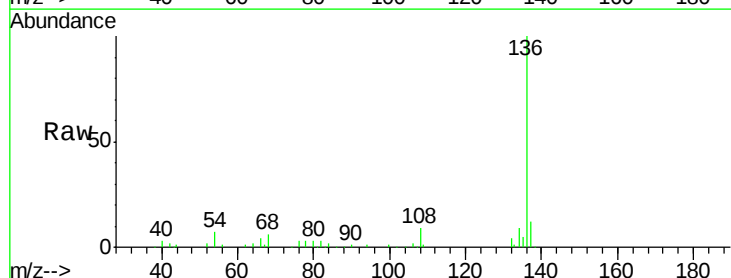
Ion Ratio Lower Upper

136 100

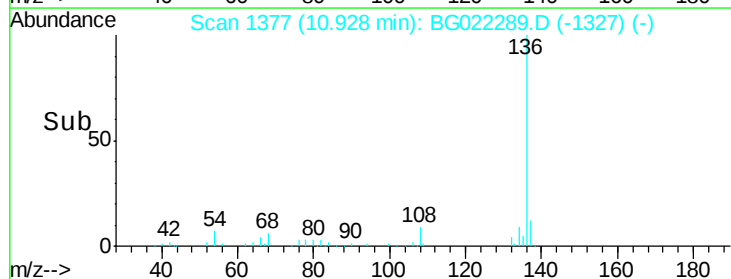
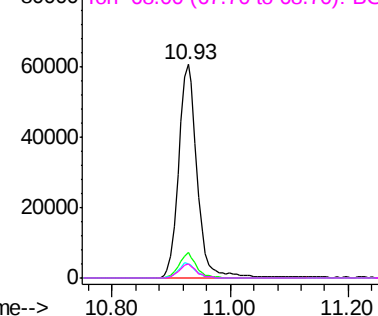
137 12.0 9.0 13.4

54 6.9 9.6 14.4#

68 6.5 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

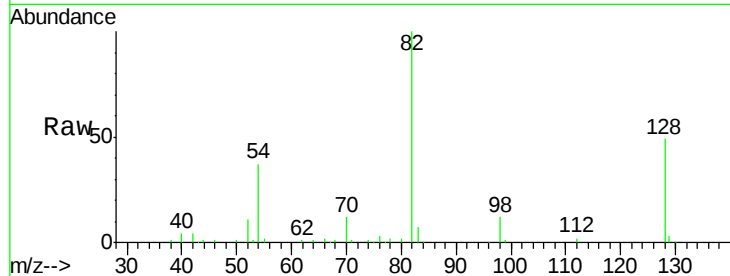




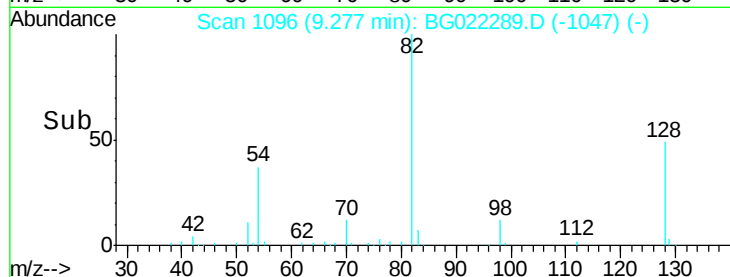
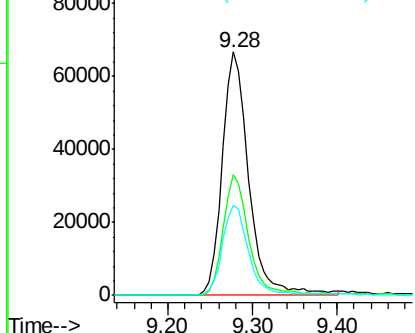
#23
Nitrobenzene-d5
Concen: 76.14 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG022289.D
Acq: 10 Jun 2016 15:43

Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

Tgt Ion: 82 Resp: 145230
Ion Ratio Lower Upper
82 100
128 49.4 33.4 50.0
54 37.2 46.1 69.1#

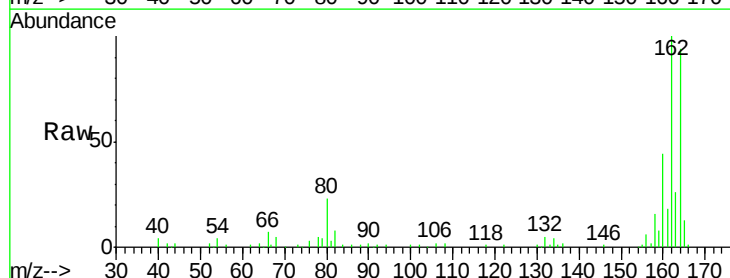


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

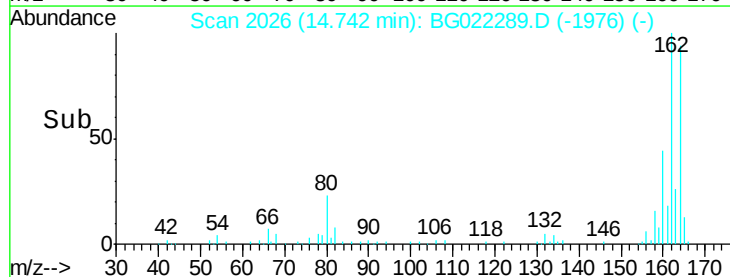
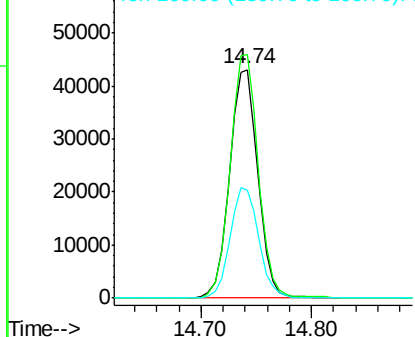


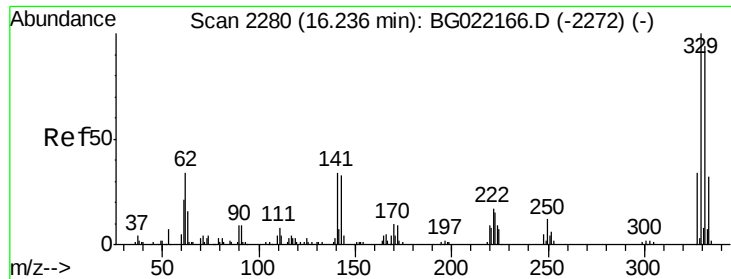
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022289.D
Acq: 10 Jun 2016 15:43

Tgt Ion: 164 Resp: 77271
Ion Ratio Lower Upper
164 100
162 106.4 78.0 117.0
160 47.0 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: 90.20 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG022289.D

Acq: 10 Jun 2016 15:43

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

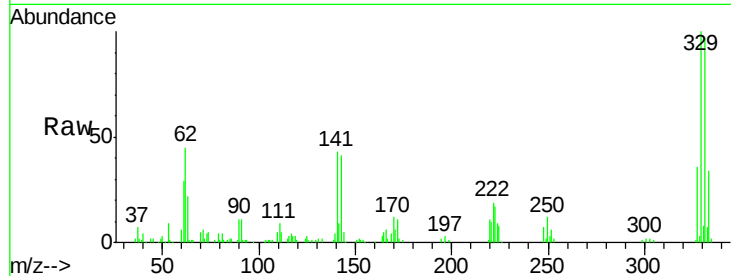
Tgt Ion:330 Resp: 78757

Ion Ratio Lower Upper

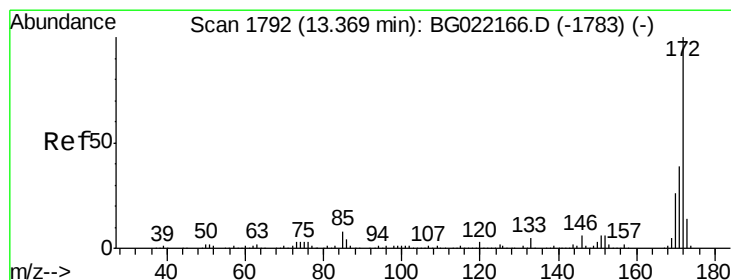
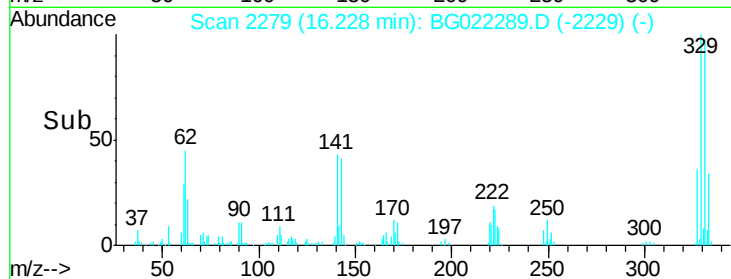
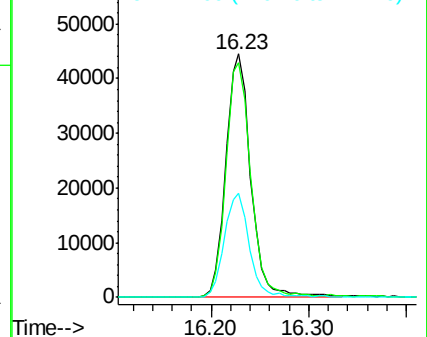
330 100

332 96.6 78.0 117.0

141 42.9 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: 61.83 ng

RT: 13.36 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BG022289.D

Acq: 10 Jun 2016 15:43

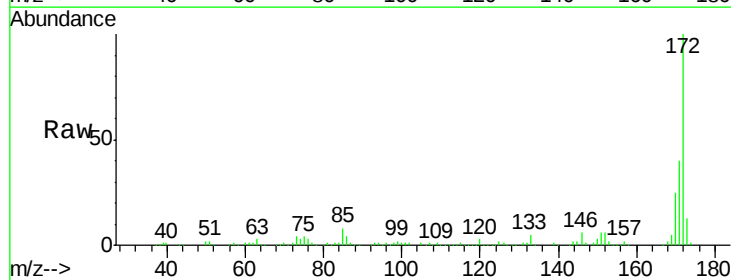
Tgt Ion:172 Resp: 313492

Ion Ratio Lower Upper

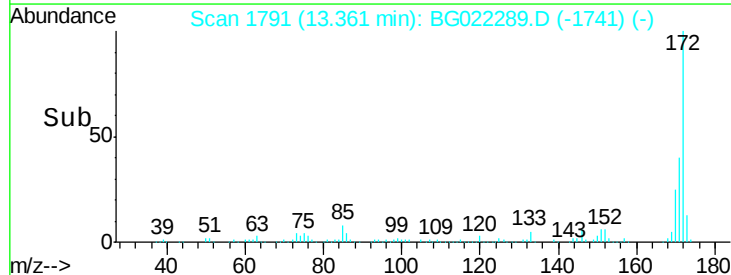
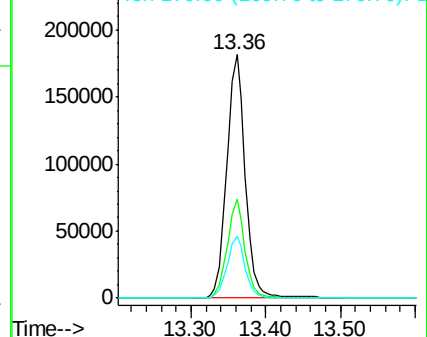
172 100

171 40.4 27.8 41.6

170 25.5 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: 25.10 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG022289.D

Acq: 10 Jun 2016 15:43

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

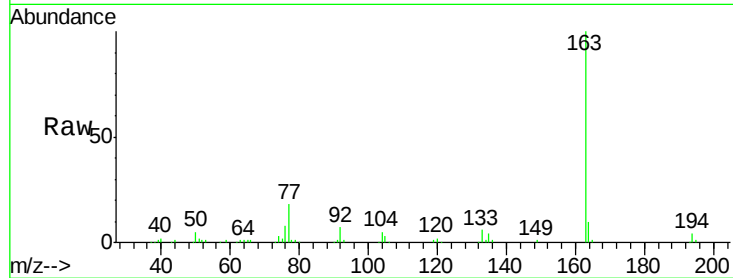
Tgt Ion:163 Resp: 160798

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

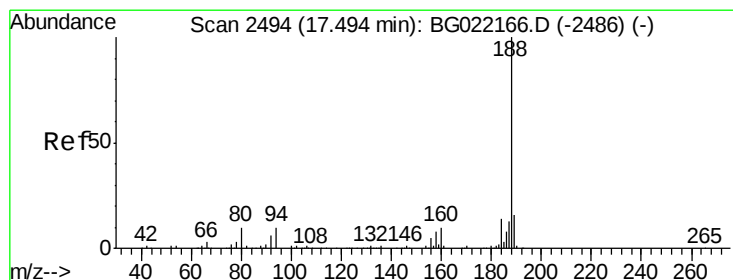
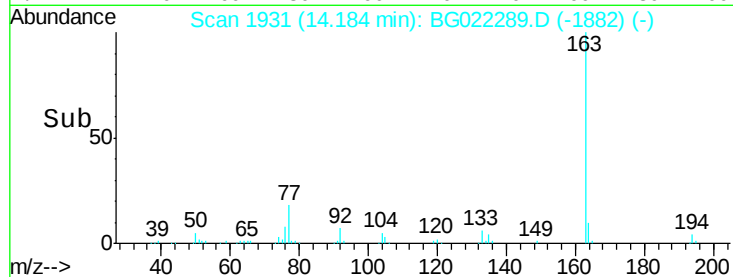
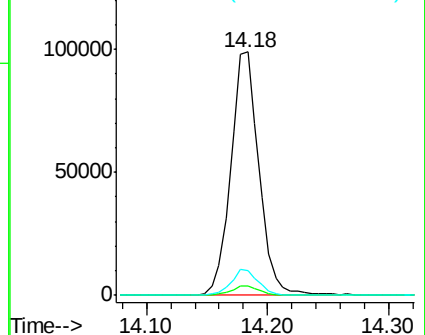
164 10.3 8.1 12.1



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: 17.49 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BG022289.D

Acq: 10 Jun 2016 15:43

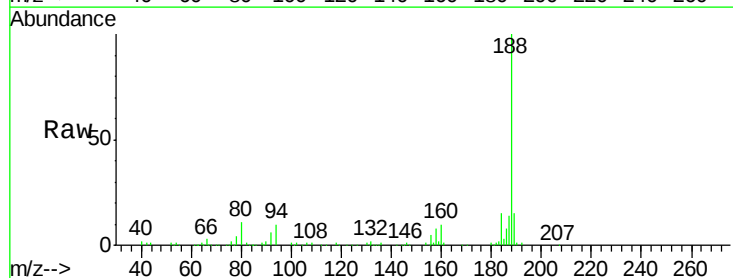
Tgt Ion:188 Resp: 172460

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

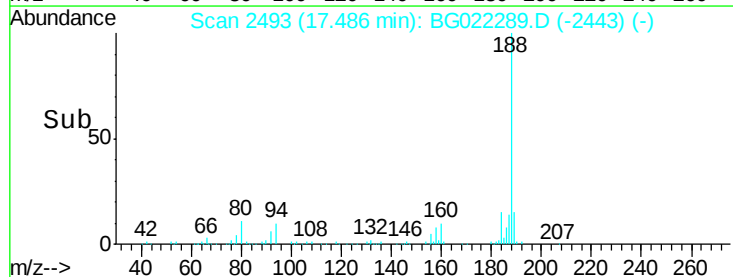
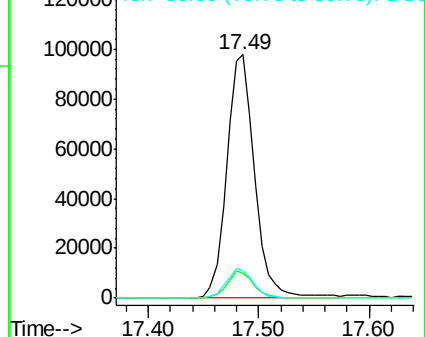
80 11.3 8.6 13.0



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: BG022289.D

Acq: 10 Jun 2016 15:43

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

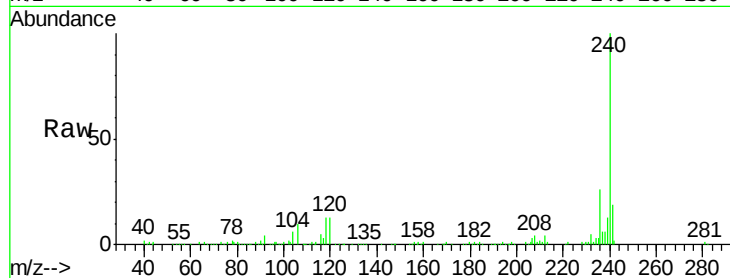
Tgt Ion:240 Resp: 163353

Ion Ratio Lower Upper

240 100

120 13.1 8.4 12.6#

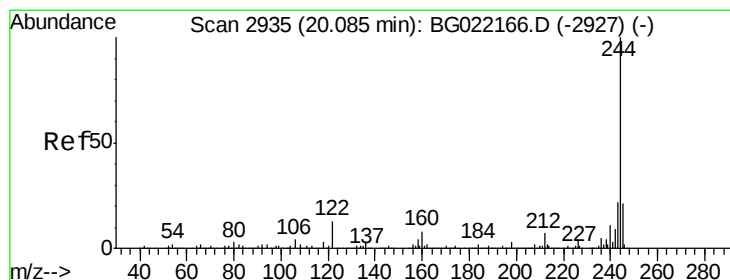
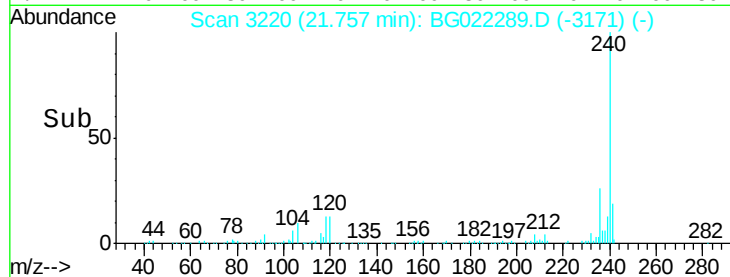
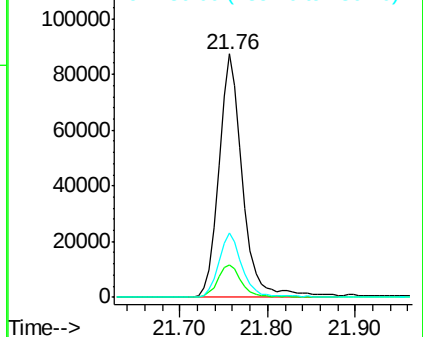
236 26.5 19.6 29.4



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: 60.75 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022289.D

Acq: 10 Jun 2016 15:43

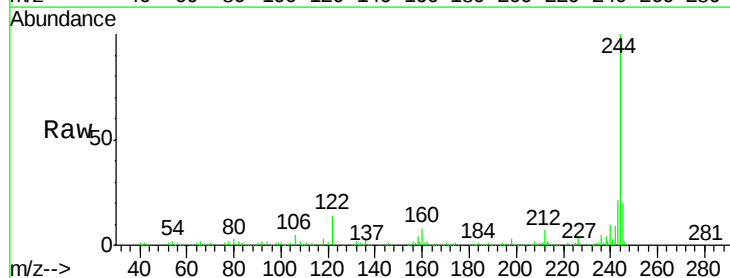
Tgt Ion:244 Resp: 417965

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

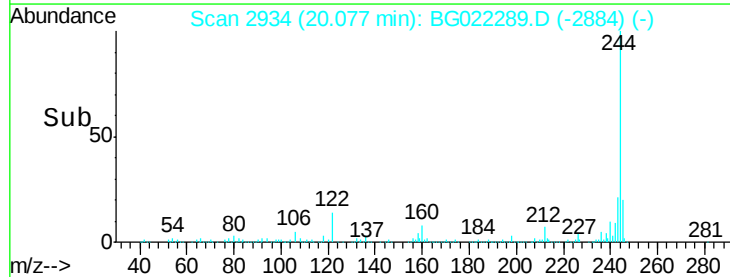
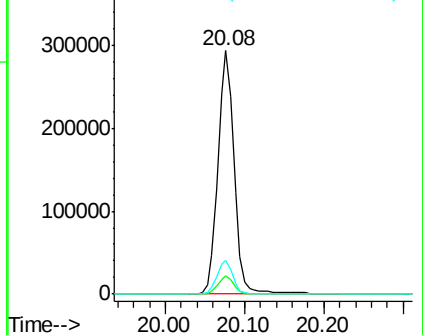
122 14.0 8.6 12.8#

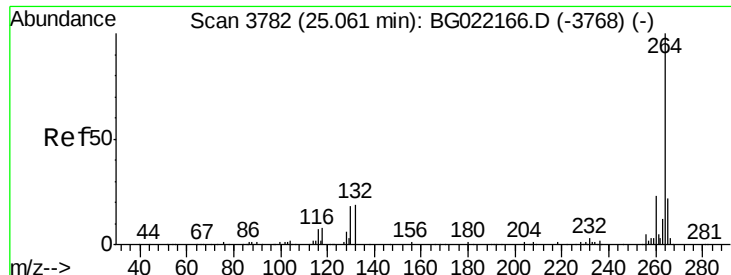


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG022289.D
Acq: 10 Jun 2016 15:43

Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

Tgt Ion: 264 Resp: 151829
Ion Ratio Lower Upper
264 100
260 23.4 20.2 30.4
265 21.3 17.8 26.8

