

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060716\
 Data File : BG022214.D
 Acq On : 7 Jun 2016 21:28
 Operator : UM/SJ
 Sample : H3387-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW4-9007

Quant Time: Jun 08 03:12:37 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	8.12	152	21949	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	103443	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	72199	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	170724	20.00	ng	0.00
75) Chrysene-d12	21.76	240	174040	20.00	ng	0.00
86) Perylene-d12	25.06	264	166491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	74913	65.99	ng	0.00
7) Phenol-d6	7.27	99	60722	34.02	ng	0.00
23) Nitrobenzene-d5	9.29	82	159080	107.22	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	130043	159.40	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	477683	100.83	ng	0.00
78) Terphenyl-d14	20.08	244	722295	98.53	ng	0.00

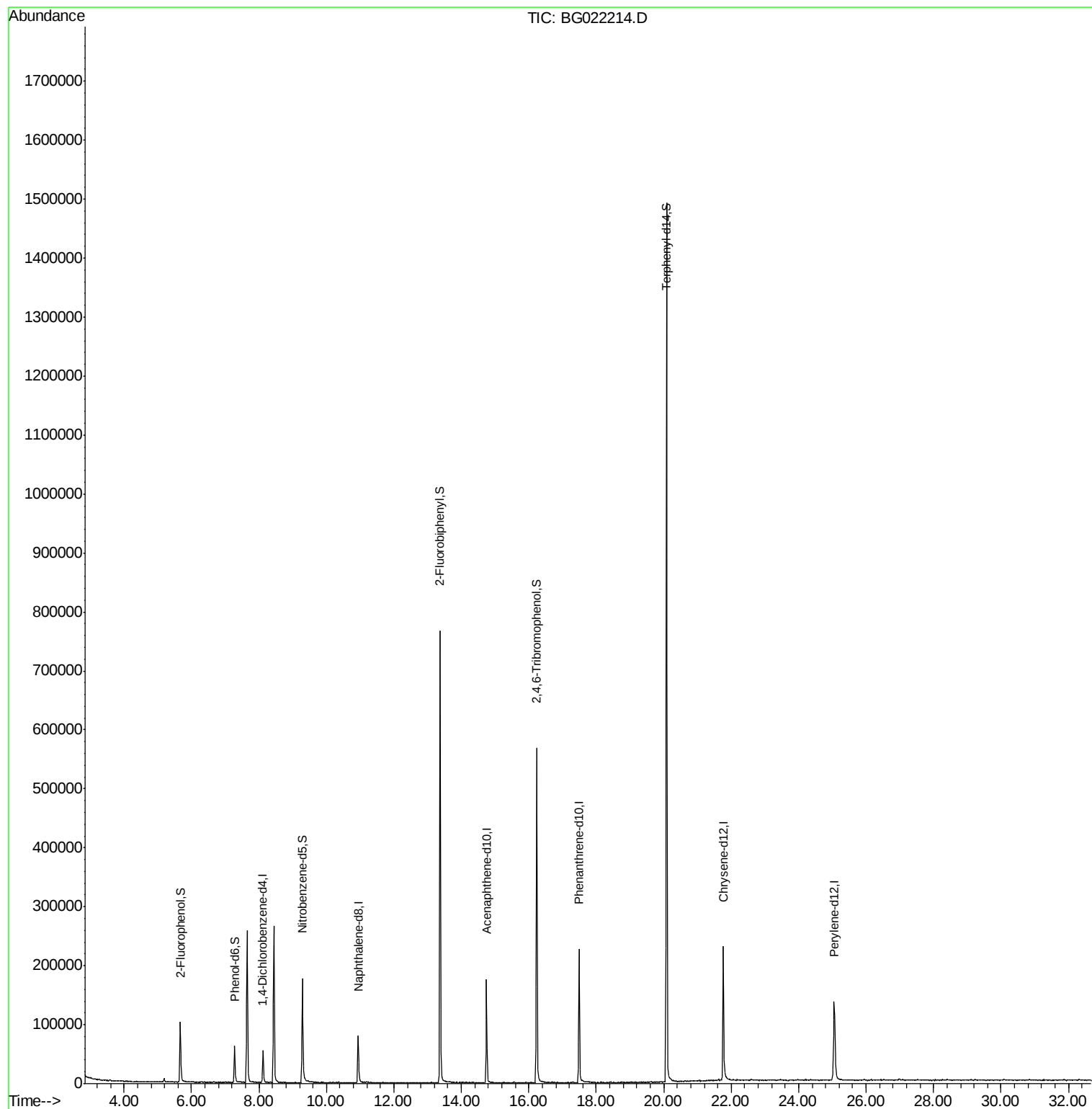
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022214.D

Acq: 7 Jun 2016 21:28

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW4-9007

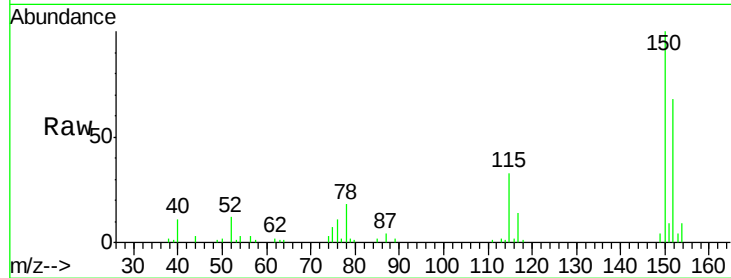
Tot Ion:152 Resp: 21949

Ion Ratio Lower Upper

152 100

150 147.5 130.1 195.1

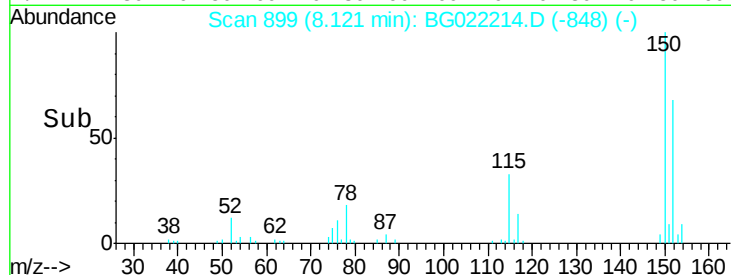
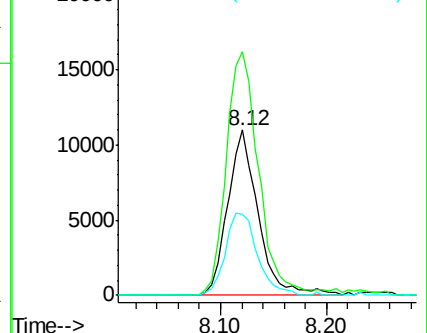
115 49.3 62.2 93.2#



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: 65.99 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022214.D

Acq: 7 Jun 2016 21:28

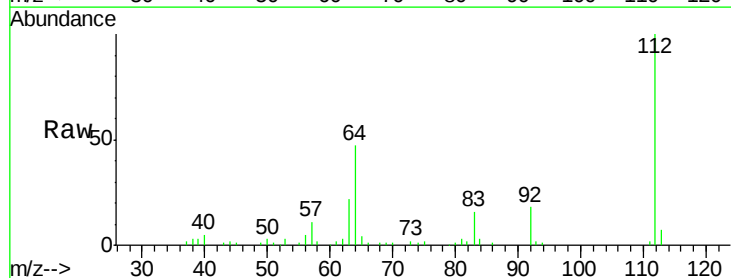
Tgt Ion:112 Resp: 74913

Ion Ratio Lower Upper

112 100

64 46.8 51.1 76.7#

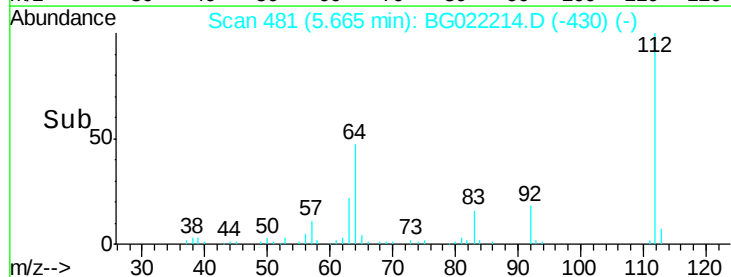
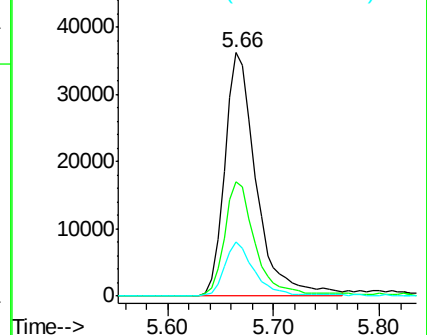
63 22.4 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 34.02 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022214.D

Acq: 7 Jun 2016 21:28

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW4-9007

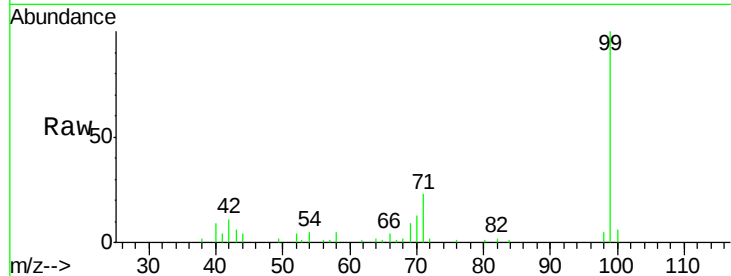
Tot Ion: 99 Resp: 60722

Ion Ratio Lower Upper

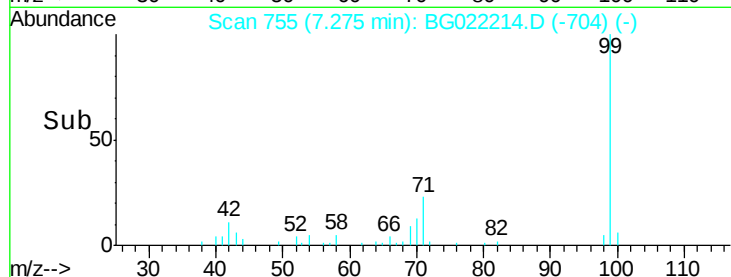
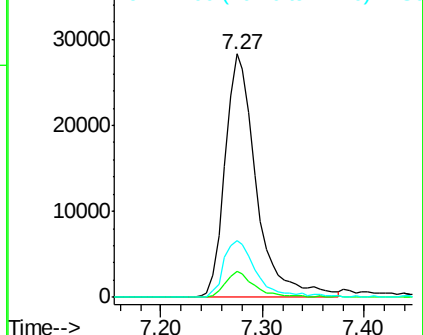
99 100

42 10.7 16.4 24.6#

71 23.4 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: 10.94 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BG022214.D

Acq: 7 Jun 2016 21:28

Tgt Ion: 136 Resp: 103443

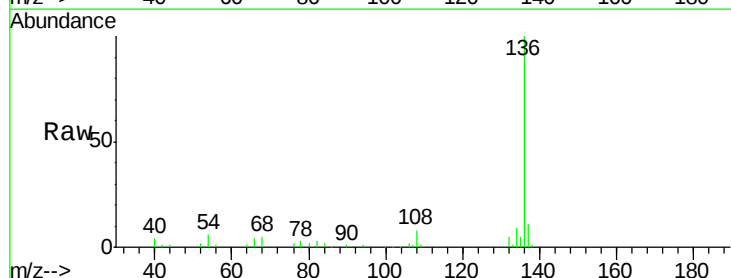
Ion Ratio Lower Upper

136 100

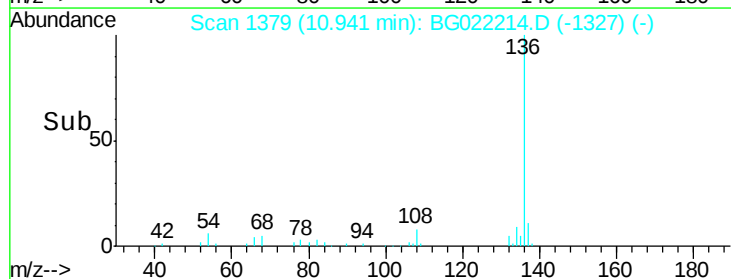
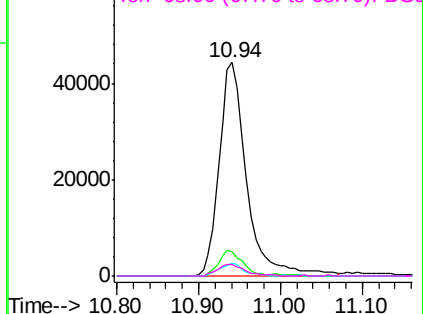
137 11.2 9.0 13.4

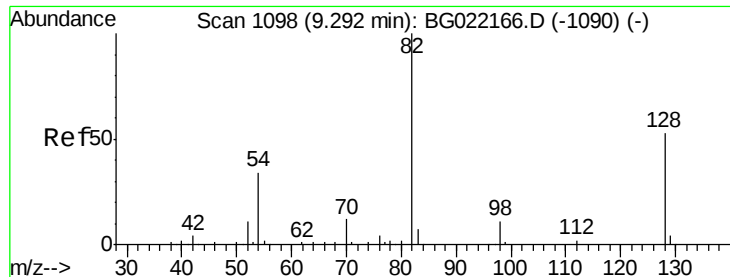
54 6.0 9.6 14.4#

68 5.3 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

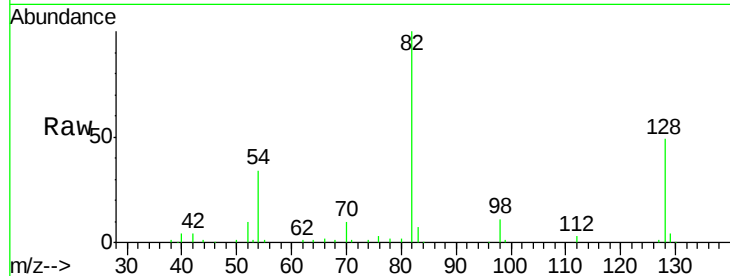




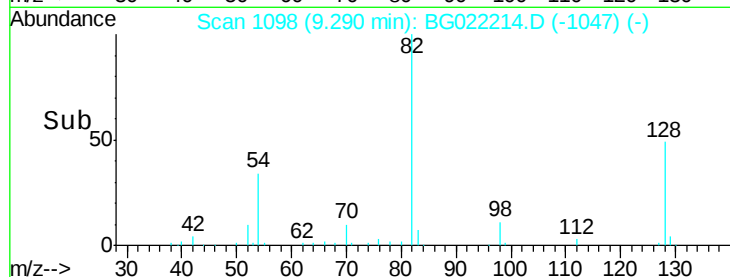
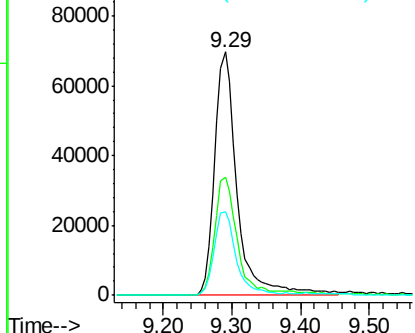
#23
Nitrobenzene-d5
Concen: 107.22 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022214.D
Acq: 7 Jun 2016 21:28

Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW4-9007

Tot Ion: 82 Resp: 159080
Ion Ratio Lower Upper
82 100
128 48.5 33.4 50.0
54 34.3 46.1 69.1#

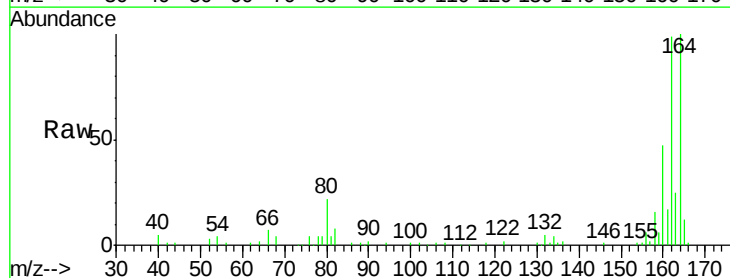


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

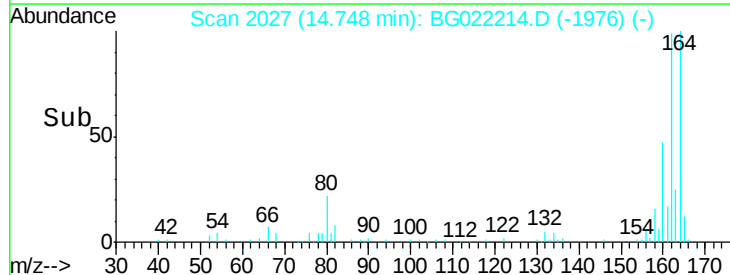
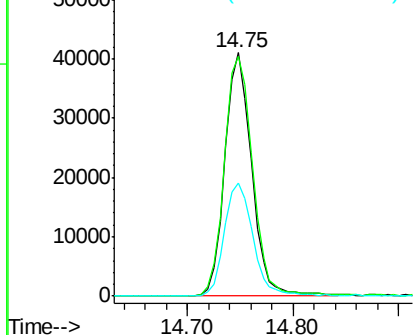


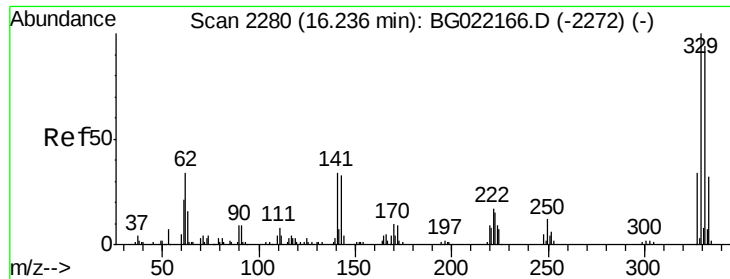
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022214.D
Acq: 7 Jun 2016 21:28

Tgt Ion:164 Resp: 72199
Ion Ratio Lower Upper
164 100
162 98.6 78.0 117.0
160 46.5 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

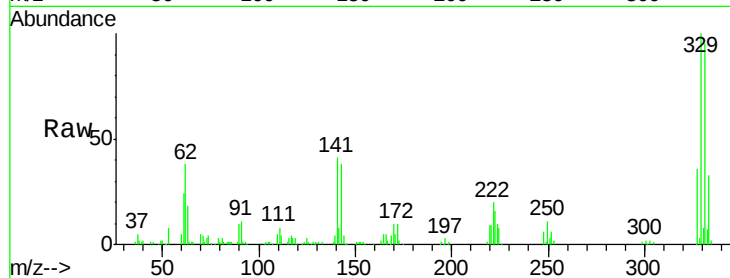




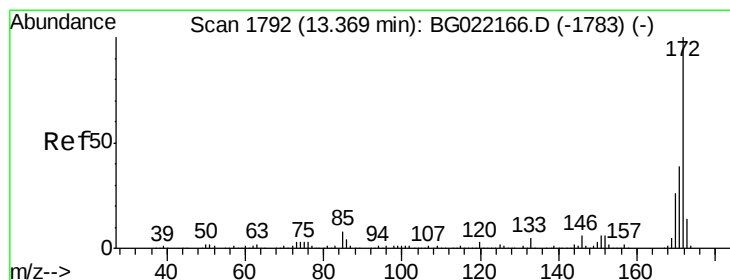
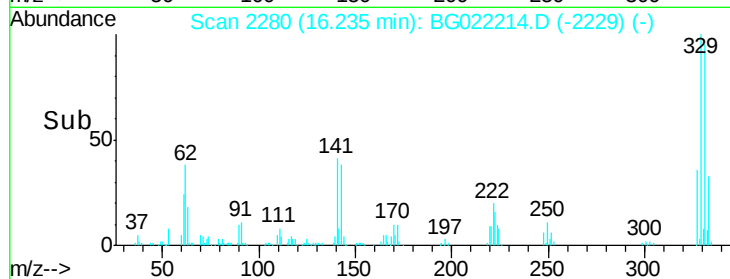
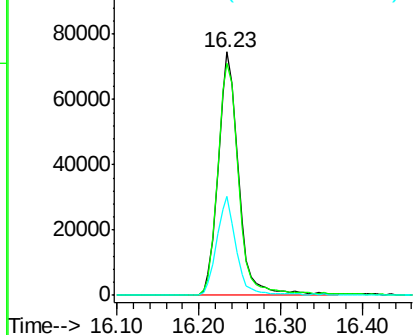
#41
 2,4,6-Tribromophenol
 Concen: 159.40 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022214.D
 Acq: 7 Jun 2016 21:28

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW4-9007

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.0	117.0
141	38.4	33.8	50.8

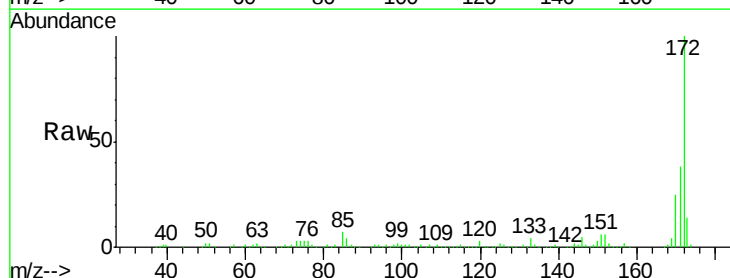


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

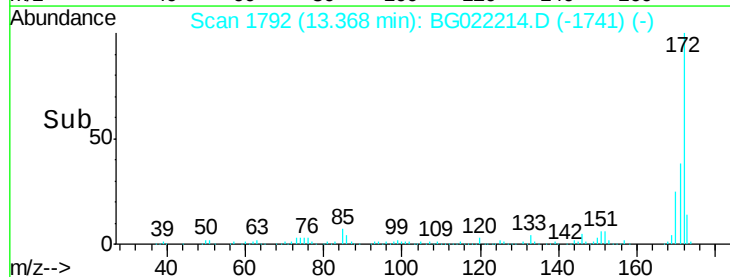
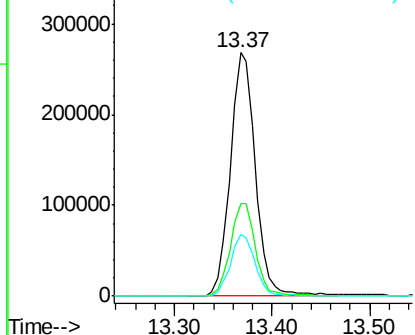


#44
 2-Fluorobiphenyl
 Concen: 100.83 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022214.D
 Acq: 7 Jun 2016 21:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	27.8	41.6
170	25.4	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: BG022214.D

Acq: 7 Jun 2016 21:28

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW4-9007

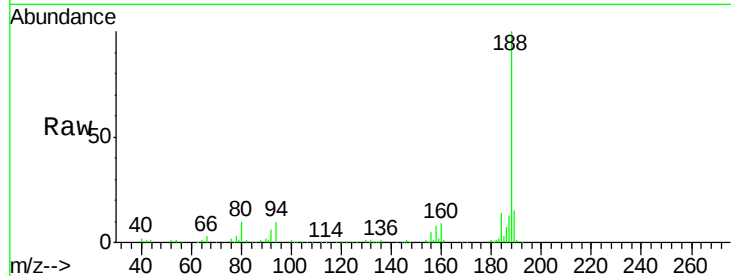
Tot Ion:188 Resp: 170724

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

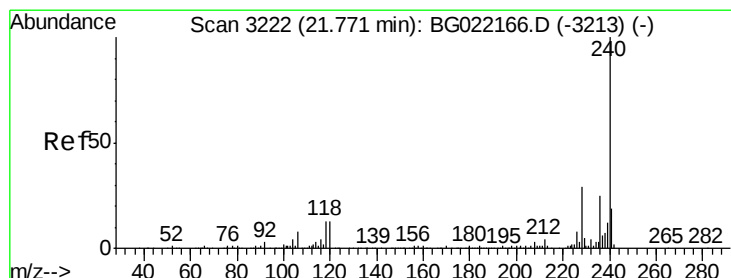
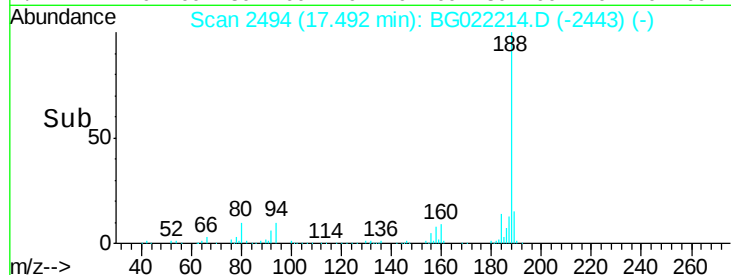
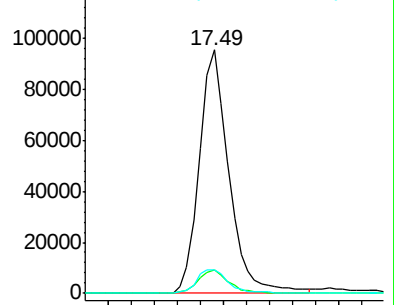
80 9.7 8.6 13.0



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: BG022214.D

Acq: 7 Jun 2016 21:28

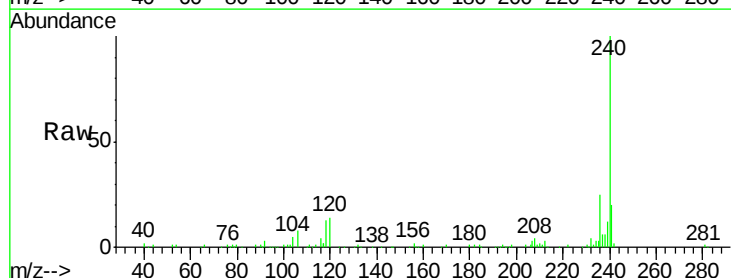
Tgt Ion:240 Resp: 174040

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

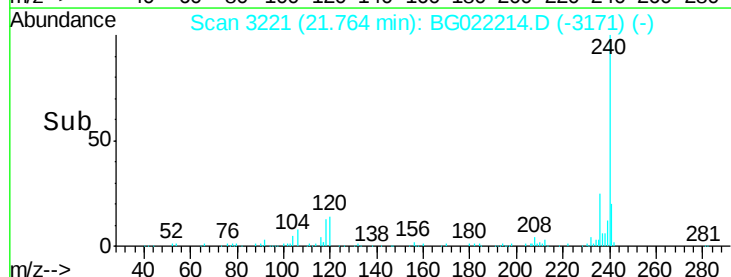
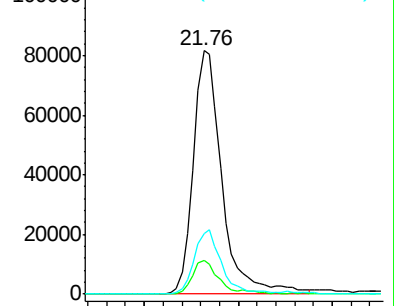
236 24.7 19.6 29.4

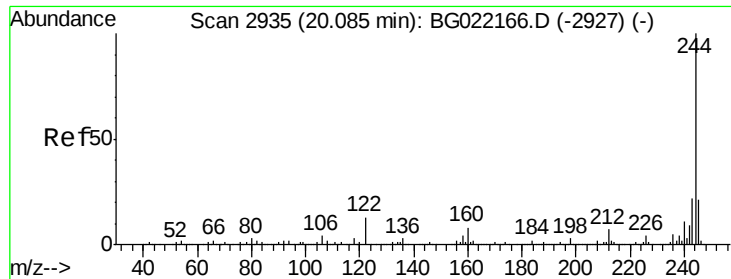


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.53 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022214.D

Acq: 7 Jun 2016 21:28

Instrument :

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SP16-LF2MW4-9007

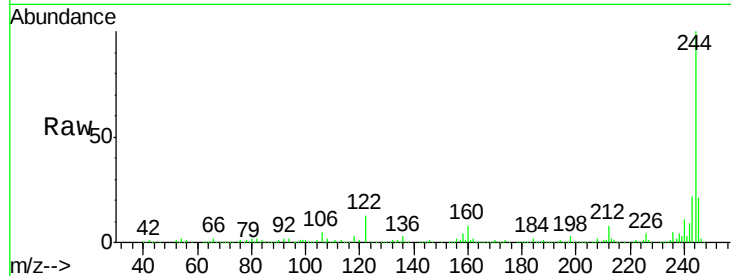
Tot Ion:244 Resp: 722295

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

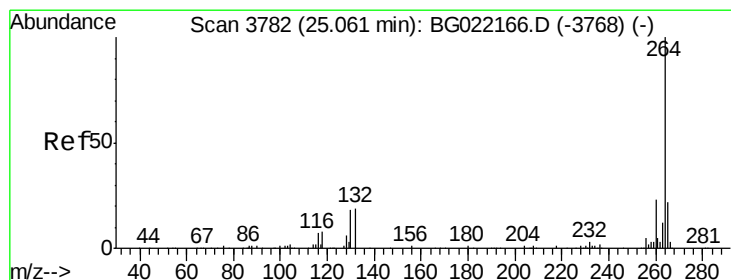
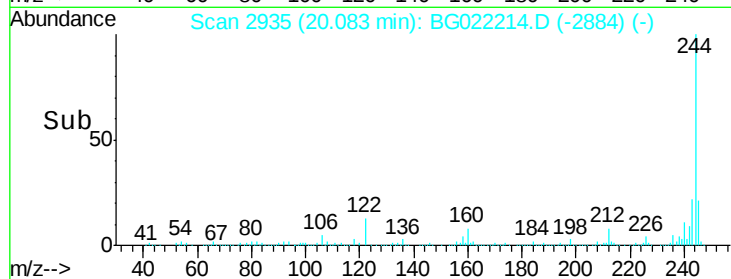
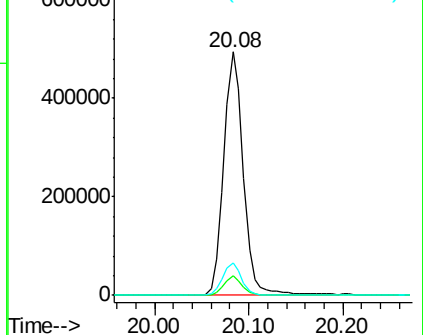
122 13.3 8.6 12.8#



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: BG022214.D

Acq: 7 Jun 2016 21:28

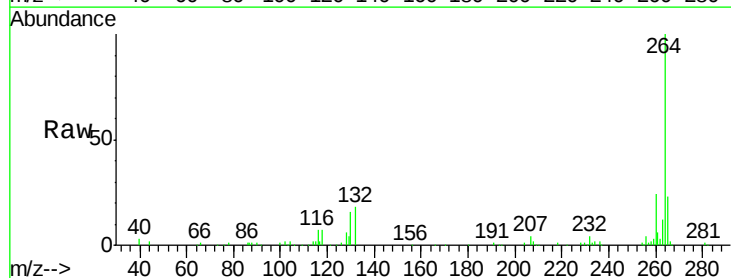
Tgt Ion:264 Resp: 166491

Ion Ratio Lower Upper

264 100

260 23.6 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

