

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062116\
 Data File : BG022489.D
 Acq On : 22 Jun 2016 6:55
 Operator : UM/SJ
 Sample : H3600-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1398(0-4)

Quant Time: Jun 22 08:10:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:27:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	19948	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	95390	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	63213	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	144237	20.00	ng	0.00
75) Chrysene-d12	21.64	240	125415	20.00	ng	0.00
86) Perylene-d12	24.85	264	113402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	182527	176.91	ng	0.00
7) Phenol-d6	7.17	99	244102	150.48	ng	-0.01
23) Nitrobenzene-d5	9.16	82	138420	101.17	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	82213	115.10	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	400430	96.54	ng	0.00
78) Terphenyl-d14	19.98	244	589249	111.54	ng	0.00

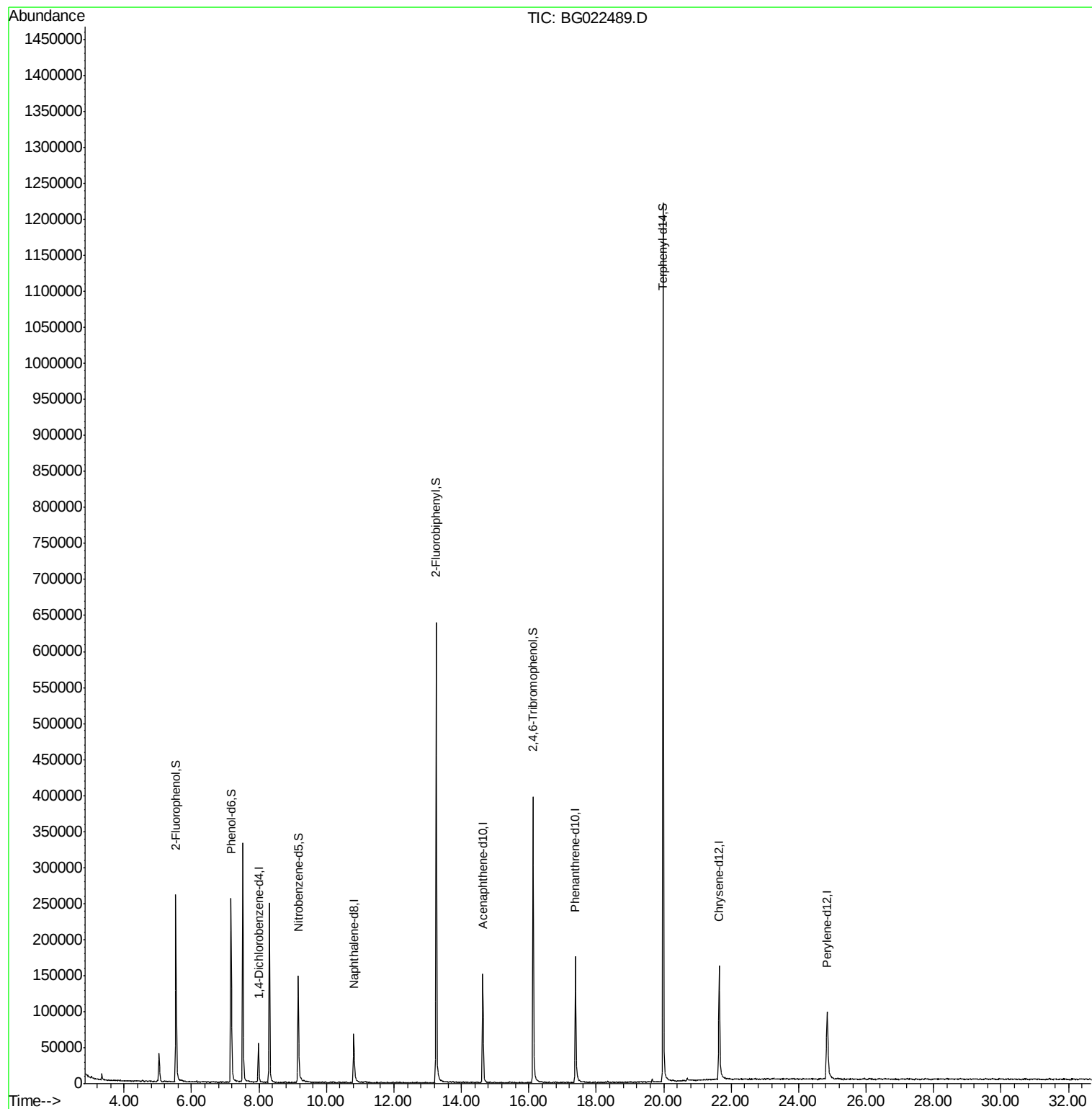
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.98 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG022489.D

Acq: 22 Jun 2016 6:55

Instrument :

BNA_G

ClientSampleId :

PM-STA-1398(0-4)

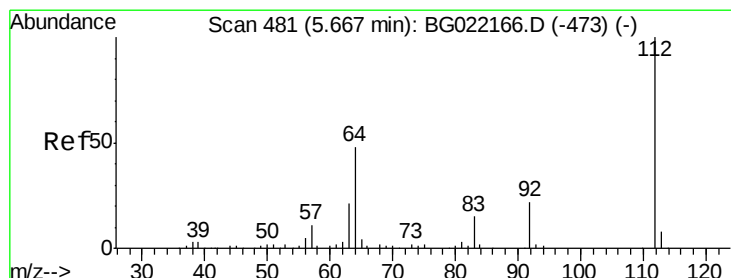
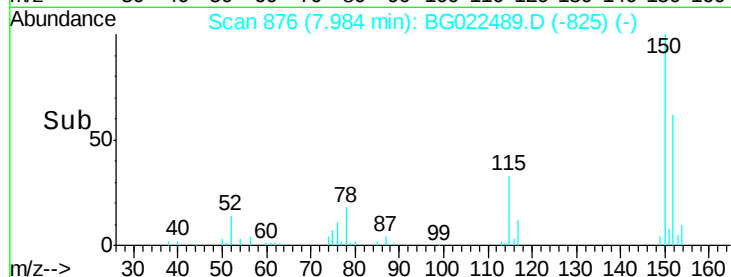
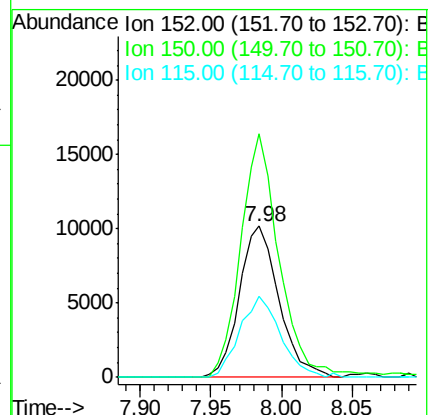
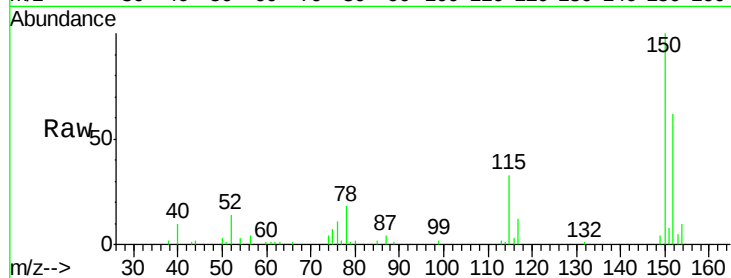
Tgt Ion:152 Resp: 19948

Ion Ratio Lower Upper

152 100

150 160.9 130.1 195.1

115 53.3 62.2 93.2#



#5

2-Fluorophenol

Concen: 176.91 ng

RT: 5.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BG022489.D

Acq: 22 Jun 2016 6:55

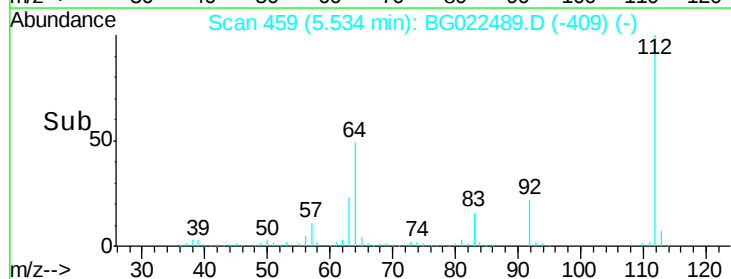
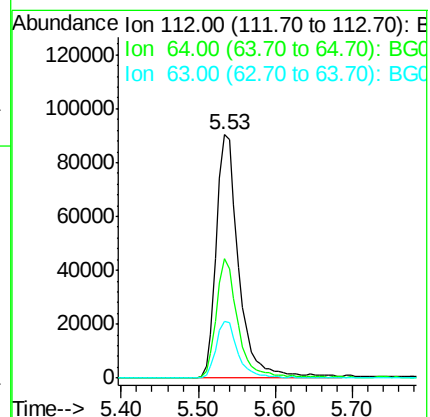
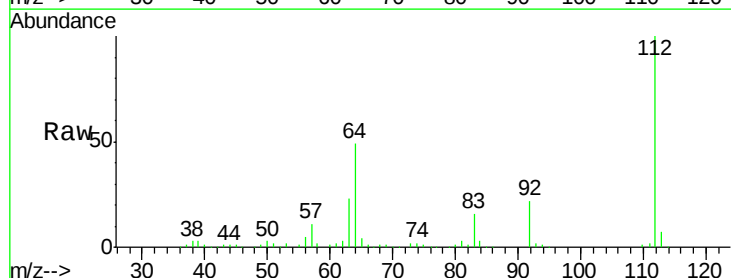
Tgt Ion:112 Resp: 182527

Ion Ratio Lower Upper

112 100

64 49.3 51.1 76.7#

63 23.3 24.6 37.0#





#7

Phenol-d6

Concen: 150.48 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG022489.D

Acq: 22 Jun 2016 6:55

Instrument :

BNA_G

ClientSampleId :

PM-STA-1398(0-4)

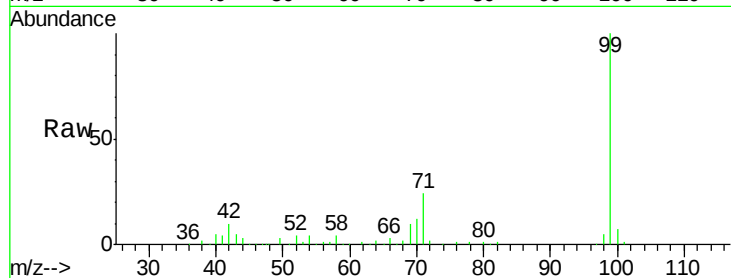
Tgt Ion: 99 Resp: 244102

Ion Ratio Lower Upper

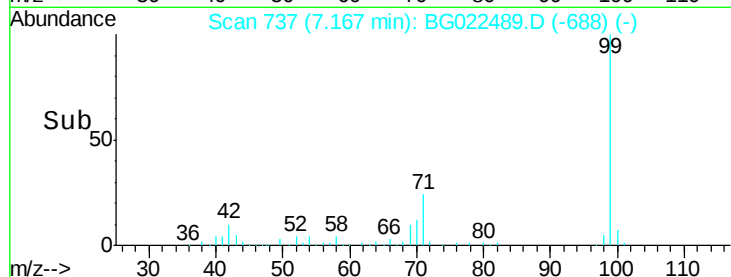
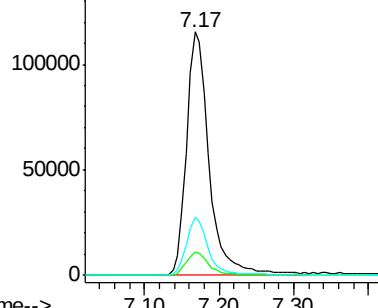
99 100

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: 10.80 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG022489.D

Acq: 22 Jun 2016 6:55

Tgt Ion: 136 Resp: 95390

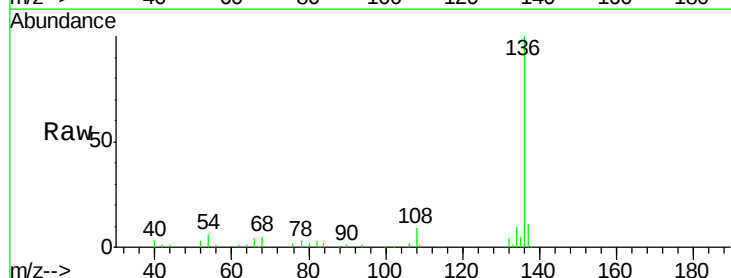
Ion Ratio Lower Upper

136 100

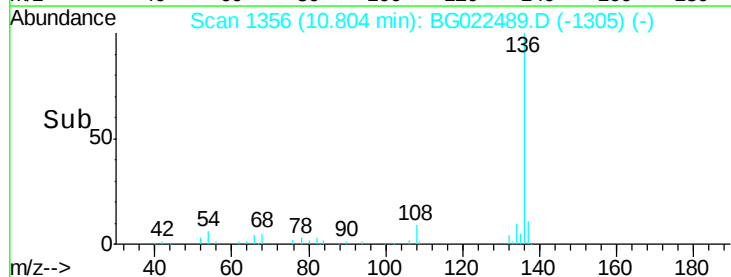
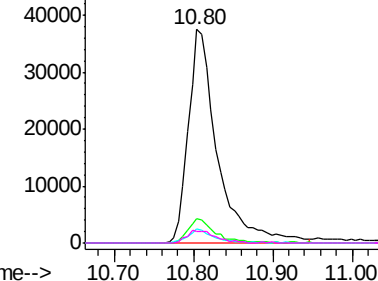
137 11.3 9.0 13.4

54 6.3 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

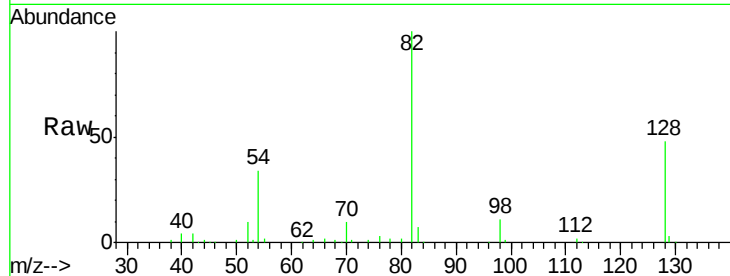




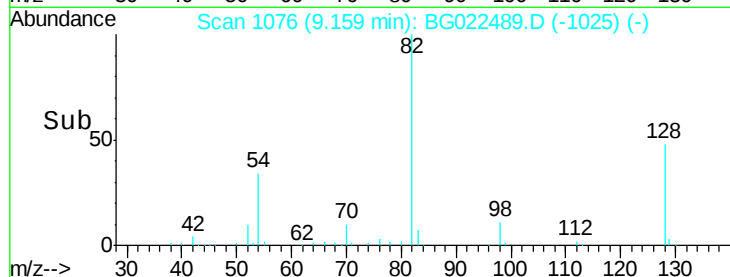
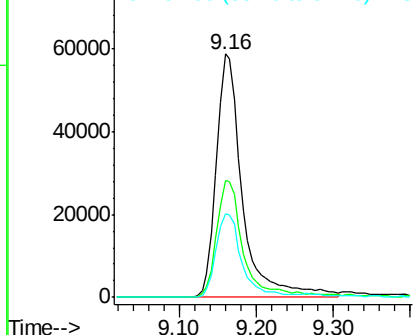
#23
 Nitrobenzene-d5
 Concen: 101.17 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG022489.D
 Acq: 22 Jun 2016 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1398(0-4)

Tgt Ion: 82 Resp: 138420
 Ion Ratio Lower Upper
 82 100
 128 48.1 33.4 50.0
 54 34.3 46.1 69.1#

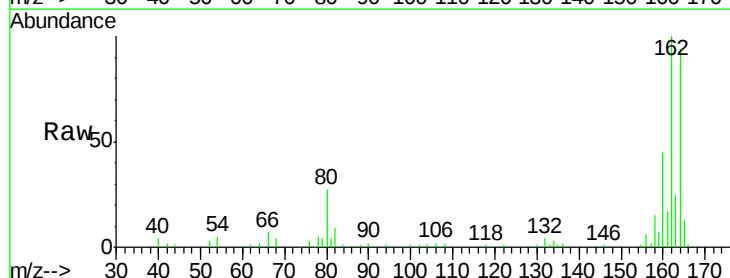


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

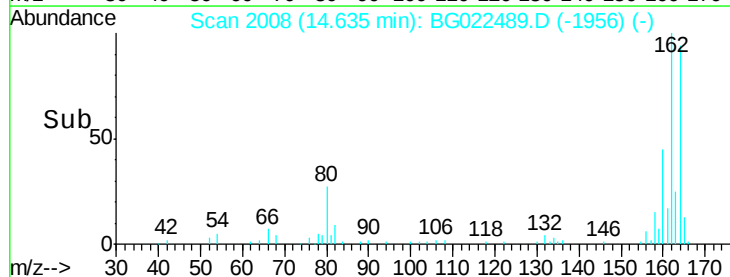
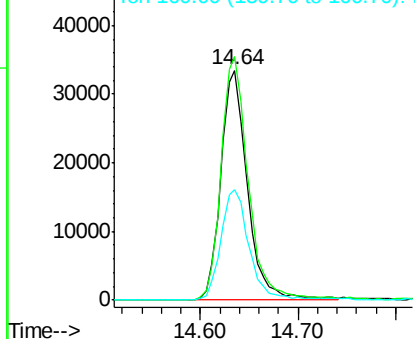


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG022489.D
 Acq: 22 Jun 2016 6:55

Tgt Ion:164 Resp: 63213
 Ion Ratio Lower Upper
 164 100
 162 106.0 78.0 117.0
 160 48.0 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

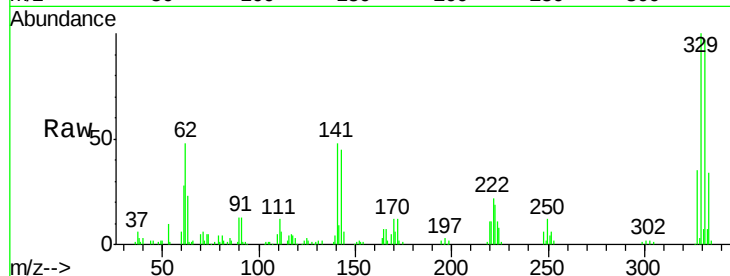




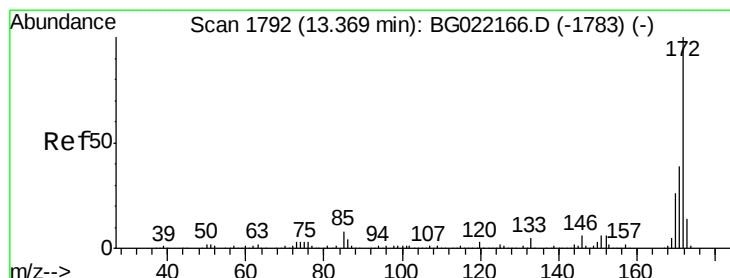
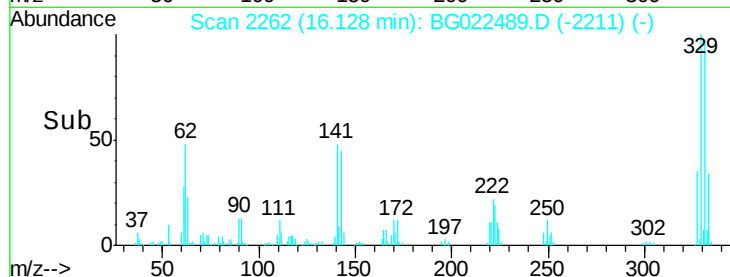
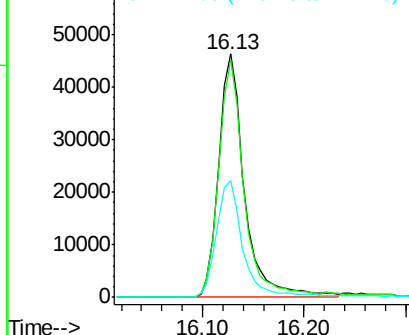
#41
 2,4,6-Tribromophenol
 Concen: 115.10 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG022489.D
 Acq: 22 Jun 2016 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1398(0-4)

Tgt Ion:330 Resp: 82213
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.0 117.0
 141 49.8 33.8 50.8

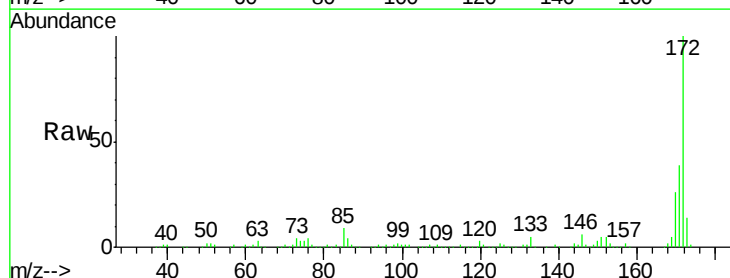


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

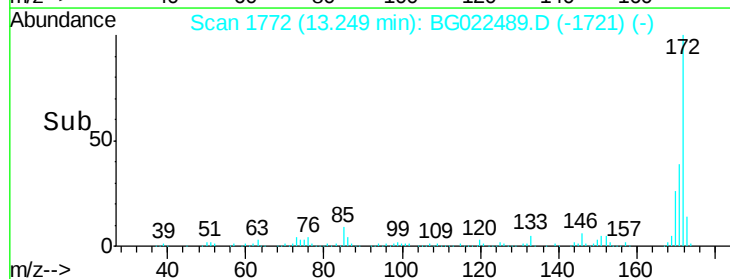
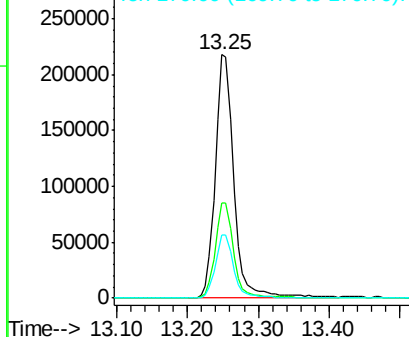


#44
 2-Fluorobiphenyl
 Concen: 96.54 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG022489.D
 Acq: 22 Jun 2016 6:55

Tgt Ion:172 Resp: 400430
 Ion Ratio Lower Upper
 172 100
 171 39.1 27.8 41.6
 170 26.0 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

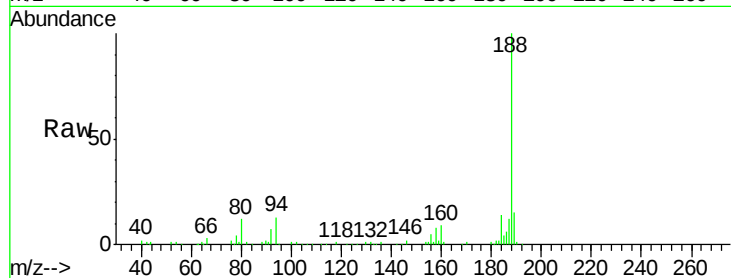




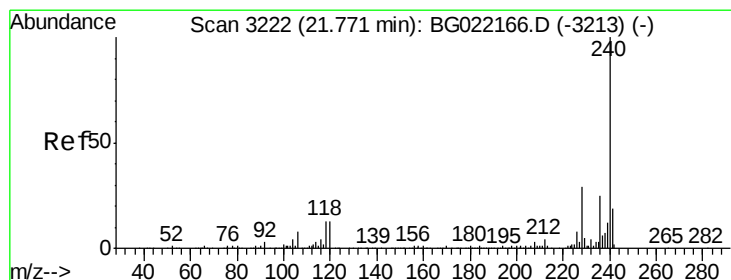
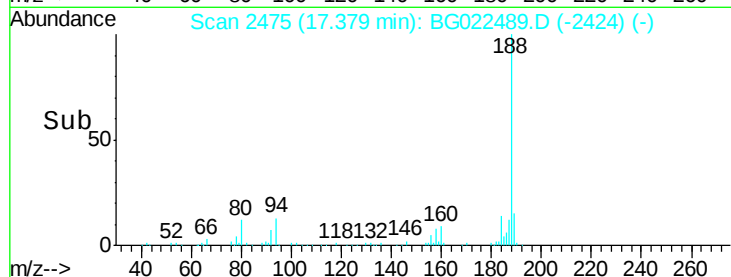
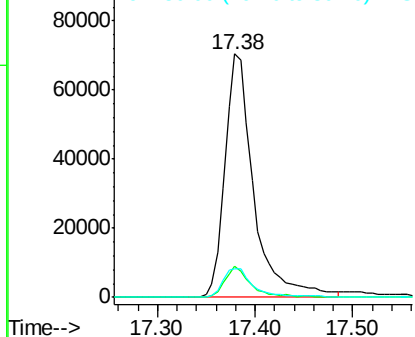
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022489.D
Acq: 22 Jun 2016 6:55

Instrument :
BNA_G
ClientSampleId :
PM-STA-1398(0-4)

Tgt Ion:188 Resp: 144237
Ion Ratio Lower Upper
188 100
94 12.8 7.5 11.3#
80 11.7 8.6 13.0

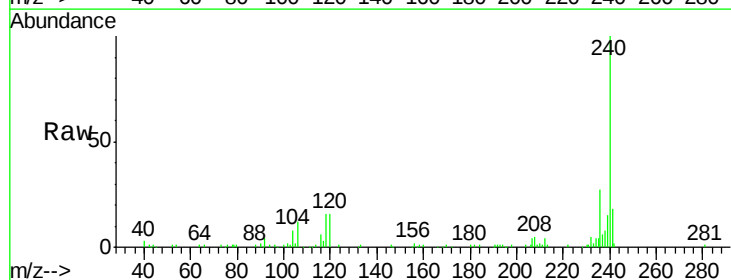


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

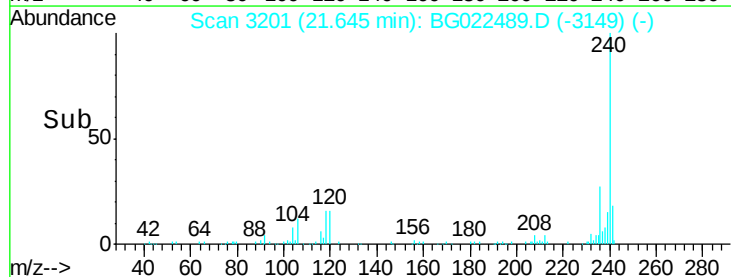
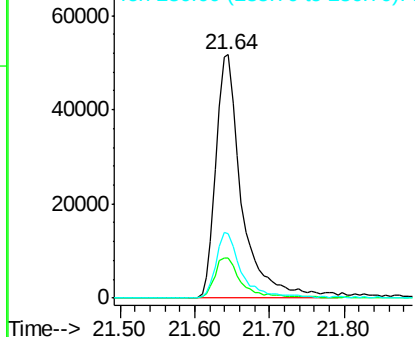


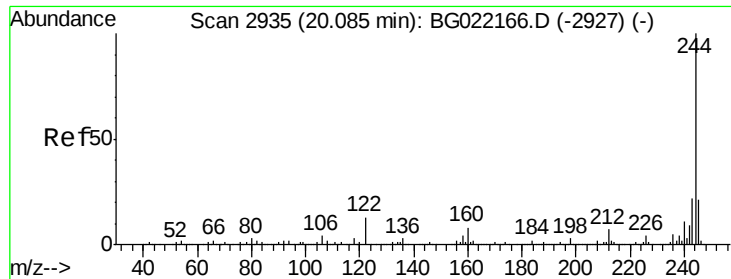
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3201
Delta R.T. 0.00 min
Lab File: BG022489.D
Acq: 22 Jun 2016 6:55

Tgt Ion:240 Resp: 125415
Ion Ratio Lower Upper
240 100
120 16.5 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: 111.54 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG022489.D

Acq: 22 Jun 2016 6:55

Instrument :

BNA_G

ClientSampleId :

PM-STA-1398(0-4)

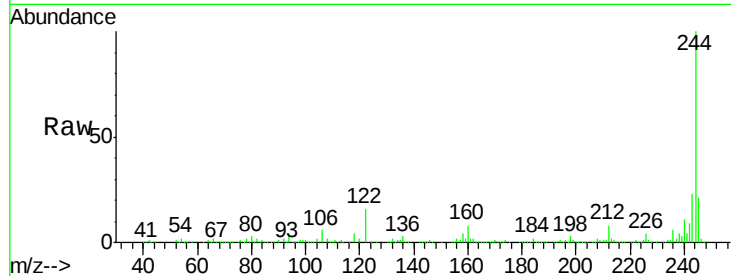
Tgt Ion:244 Resp: 589249

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

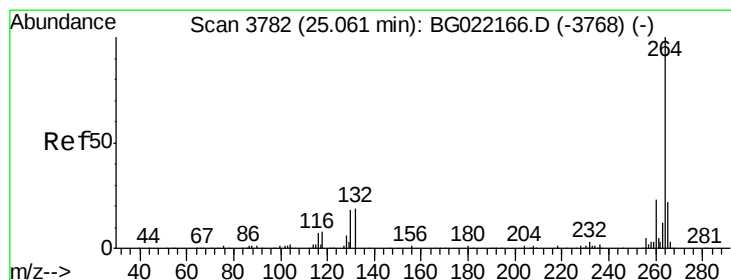
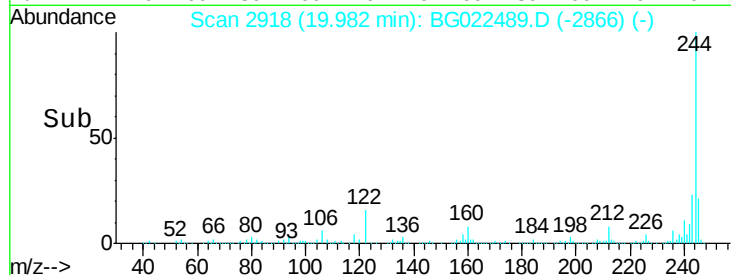
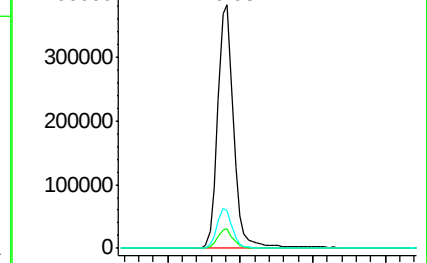
122 15.5 8.6 12.8#



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: 24.85 min Scan# 3746

Delta R.T. 0.01 min

Lab File: BG022489.D

Acq: 22 Jun 2016 6:55

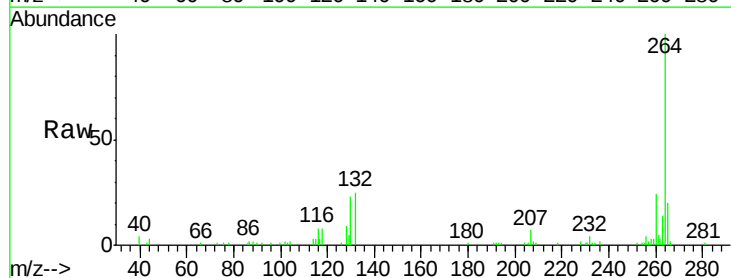
Tgt Ion:264 Resp: 113402

Ion Ratio Lower Upper

264 100

260 24.0 20.2 30.4

265 20.2 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

