

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022490.D
 Acq On : 22 Jun 2016 7:35
 Operator : UM/SJ
 Sample : H3601-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1402(0-4)

Quant Time: Jun 22 08:12:35 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	17493	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	83068	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	56940	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	134204	20.00	ng	0.00
75) Chrysene-d12	21.64	240	111873	20.00	ng	0.00
86) Perylene-d12	24.84	264	101935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	163408	180.61	ng	0.00
7) Phenol-d6	7.17	99	217287	152.75	ng	-0.01
23) Nitrobenzene-d5	9.16	82	119061	99.93	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	73849	114.78	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	355267	95.08	ng	0.00
78) Terphenyl-d14	19.98	244	532718	113.05	ng	0.00

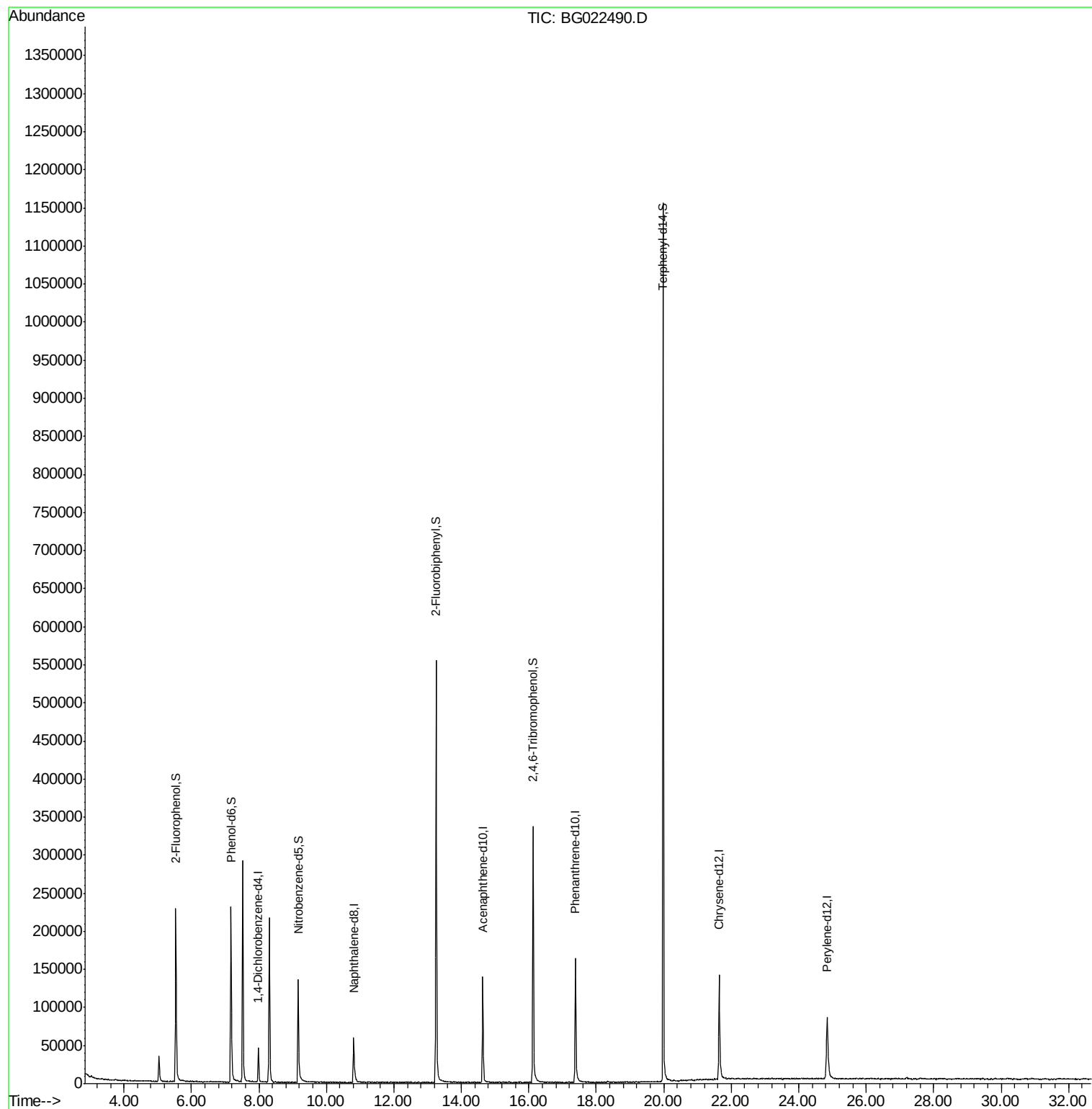
Target Compounds Qvalue

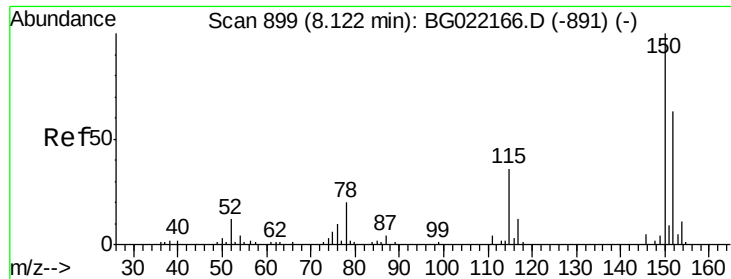
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.98 min Scan# 875

Delta R.T. -0.01 min

Lab File: BG022490.D

Acq: 22 Jun 2016 7:35

Instrument :

BNA_G

ClientSampleId :

PM-STA-1402(0-4)

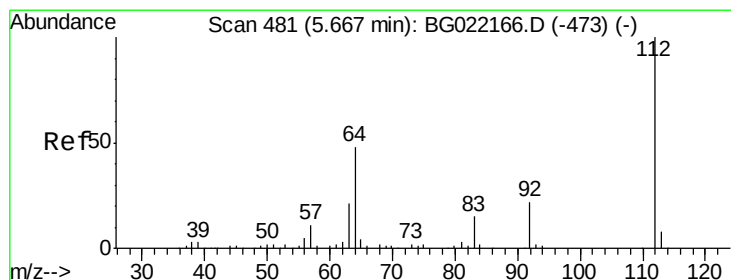
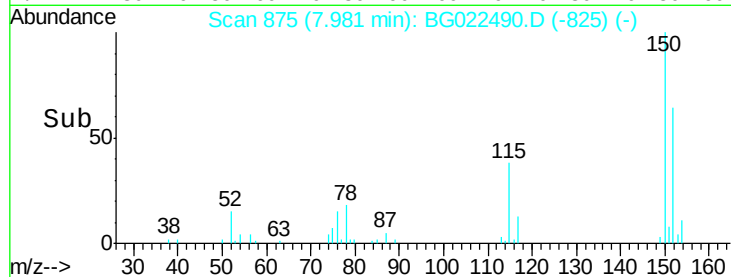
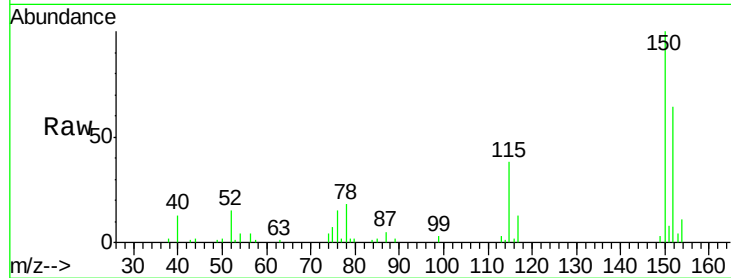
Tot Ion:152 Resp: 17493

Ion Ratio Lower Upper

152 100

150 155.9 130.1 195.1

115 59.5 62.2 93.2#



#5

2-Fluorophenol

Concen: 180.61 ng

RT: 5.54 min Scan# 459

Delta R.T. -0.01 min

Lab File: BG022490.D

Acq: 22 Jun 2016 7:35

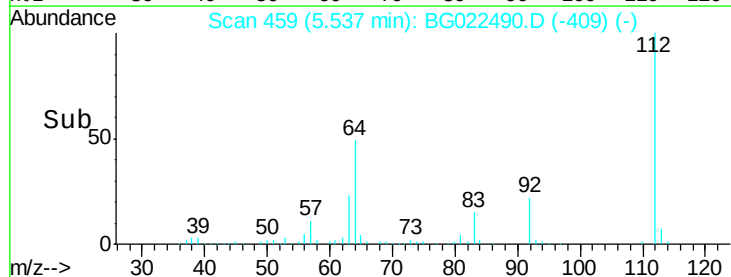
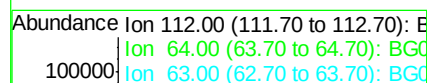
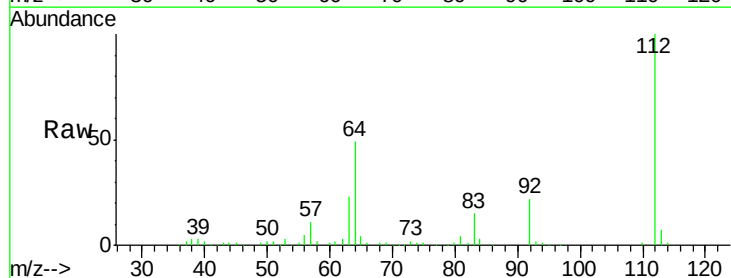
Tgt Ion:112 Resp: 163408

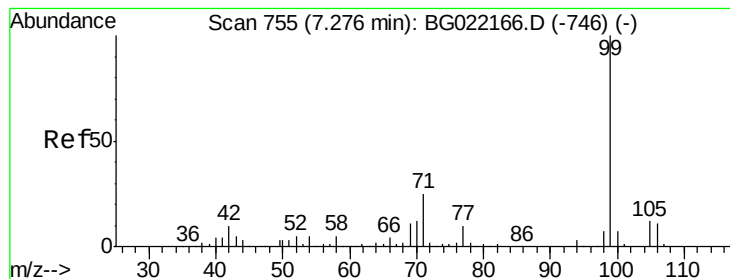
Ion Ratio Lower Upper

112 100

64 48.5 51.1 76.7#

63 23.4 24.6 37.0#





#7

Phenol-d6

Concen: 152.75 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG022490.D

Acq: 22 Jun 2016 7:35

Instrument :

BNA_G

ClientSampleId :

PM-STA-1402(0-4)

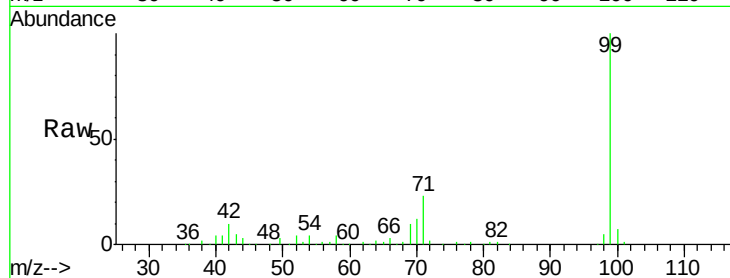
Tot Ion: 99 Resp: 217287

Ion Ratio Lower Upper

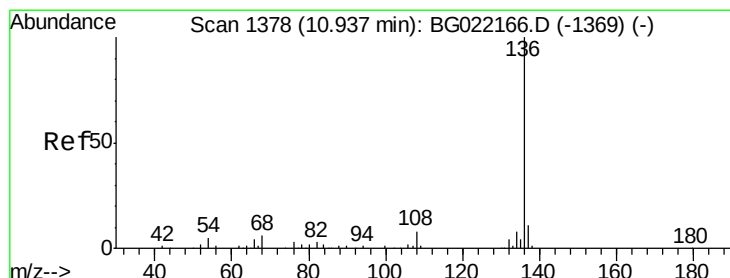
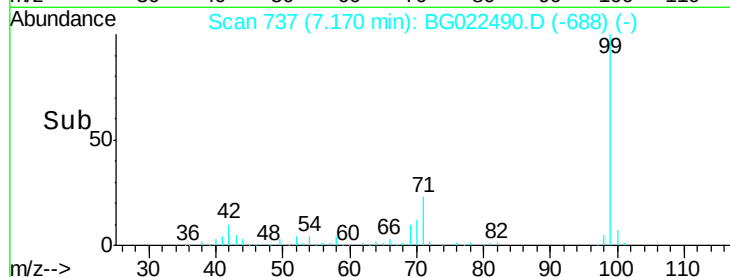
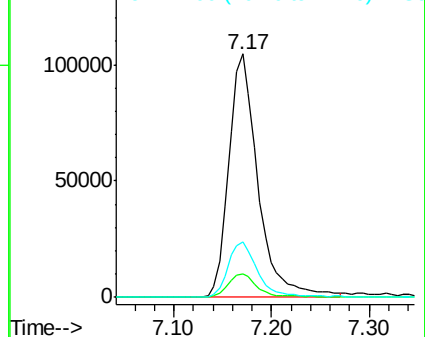
99 100

42 9.6 16.4 24.6#

71 22.7 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: 10.81 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BG022490.D

Acq: 22 Jun 2016 7:35

Tgt Ion: 136 Resp: 83068

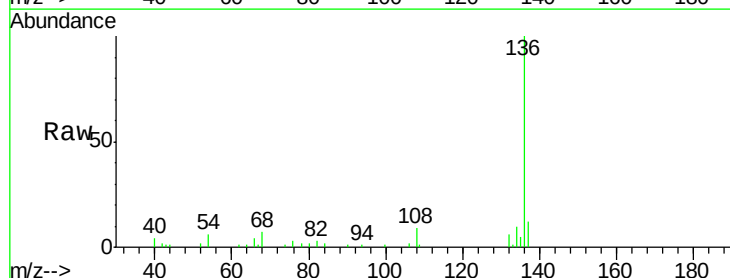
Ion Ratio Lower Upper

136 100

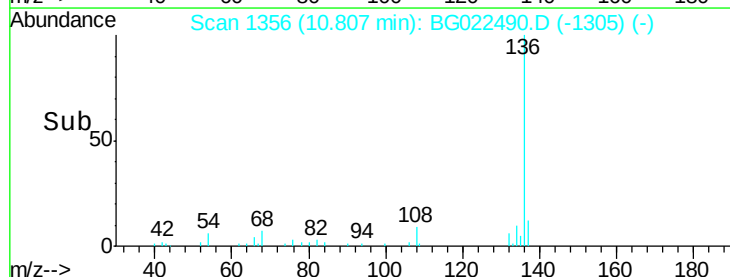
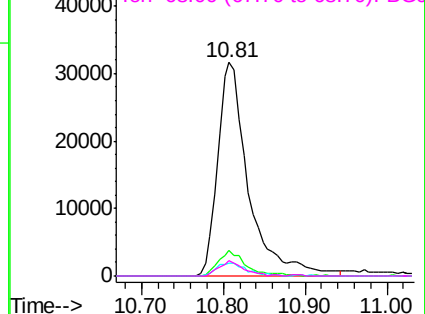
137 12.1 9.0 13.4

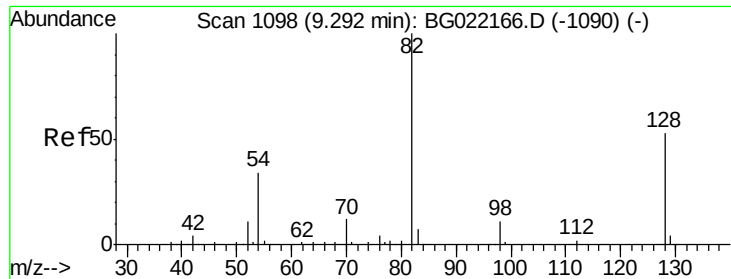
54 6.2 9.6 14.4#

68 7.3 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

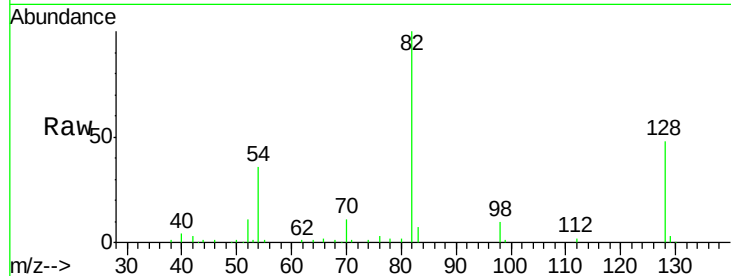




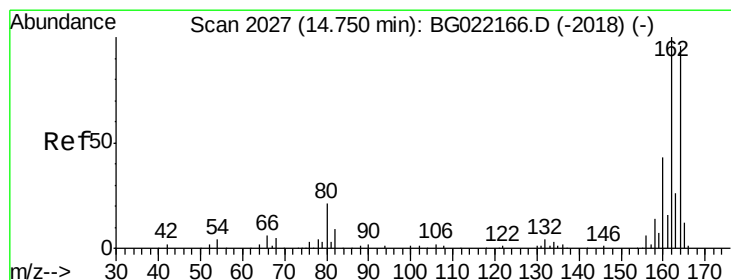
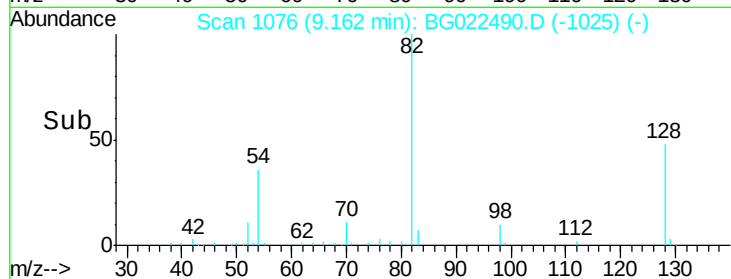
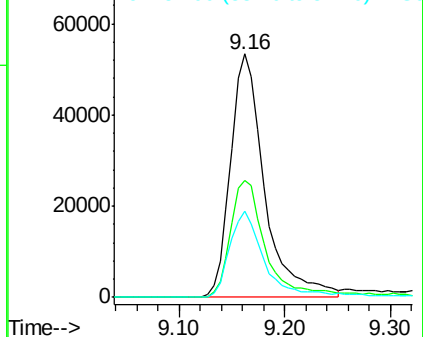
#23
 Nitrobenzene-d5
 Concen: 99.93 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG022490.D
 Acq: 22 Jun 2016 7:35

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1402(0-4)

Tot Ion	82	Resp	119061
Ion Ratio	Lower	Upper	
82	100		
128	48.3	33.4	50.0
54	35.6	46.1	69.1#

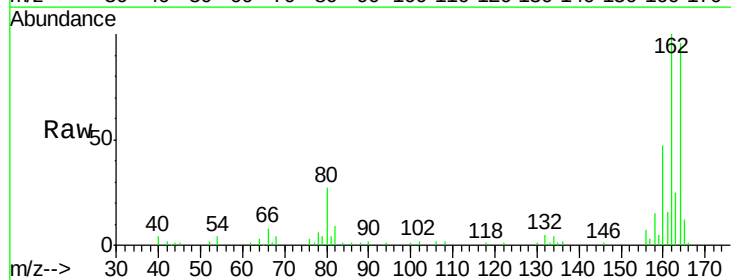


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

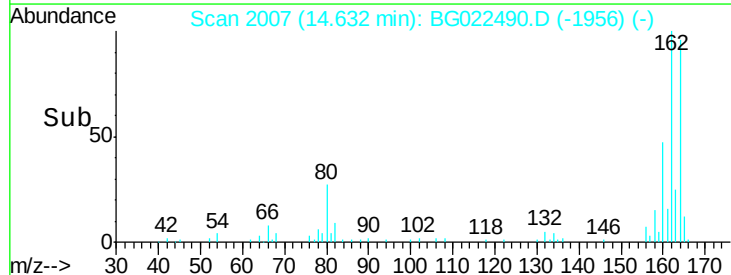
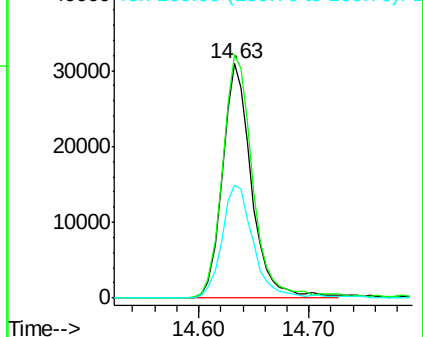


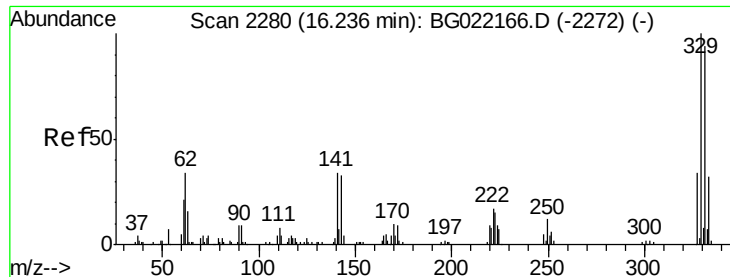
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG022490.D
 Acq: 22 Jun 2016 7:35

Tgt Ion	164	Resp	56940
Ion Ratio	Lower	Upper	
164	100		
162	103.8	78.0	117.0
160	48.5	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: 114.78 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG022490.D

Acq: 22 Jun 2016 7:35

Instrument :

BNA_G

ClientSampleId :

PM-STA-1402(0-4)

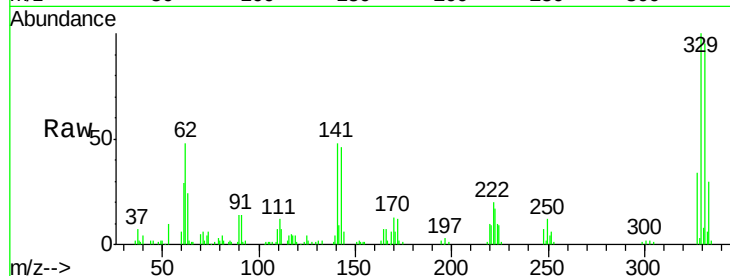
Tot Ion:330 Resp: 73849

Ion Ratio Lower Upper

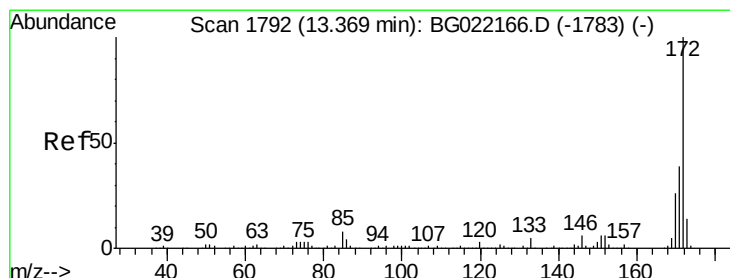
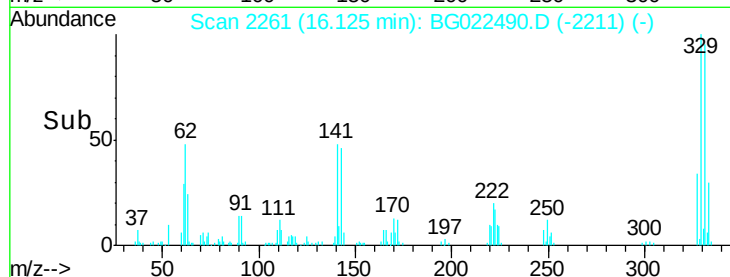
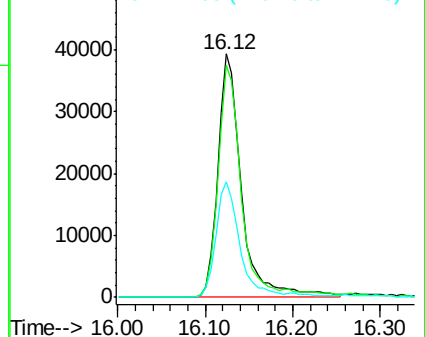
330 100

332 95.2 78.0 117.0

141 46.8 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: 95.08 ng

RT: 13.25 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BG022490.D

Acq: 22 Jun 2016 7:35

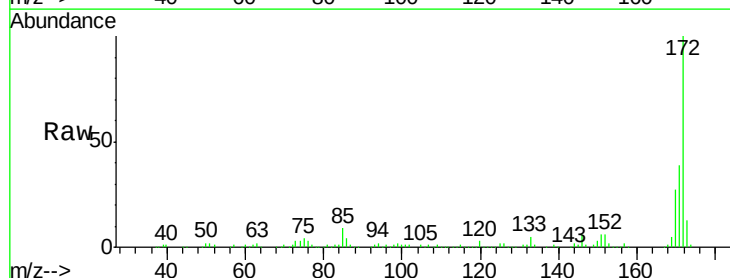
Tgt Ion:172 Resp: 355267

Ion Ratio Lower Upper

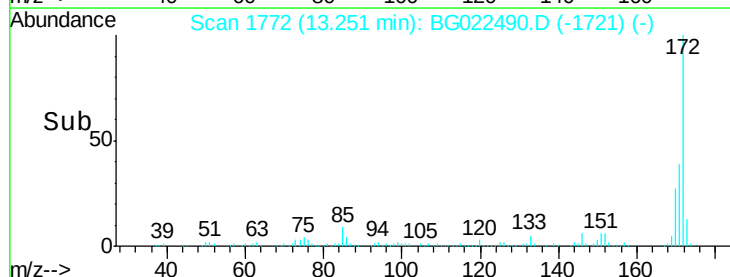
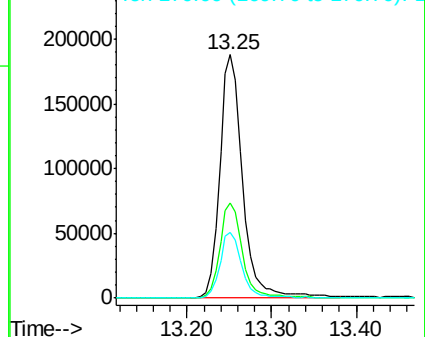
172 100

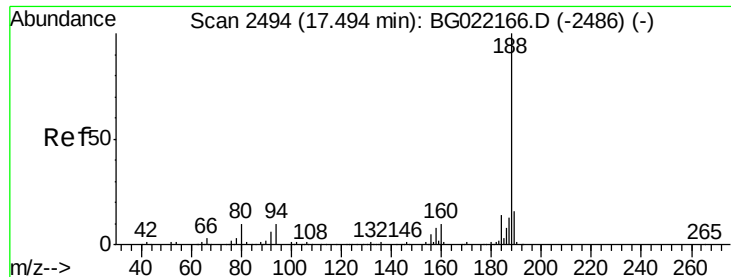
171 39.1 27.8 41.6

170 27.2 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

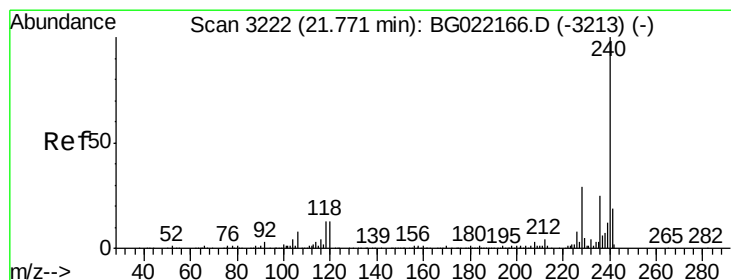
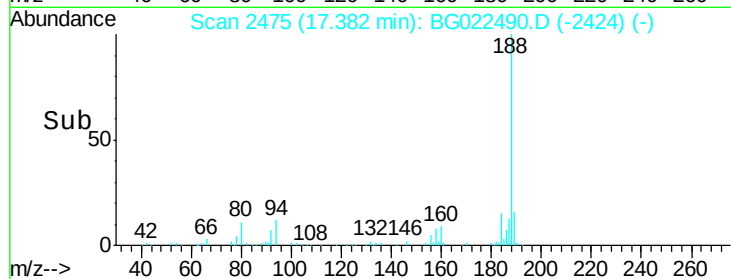
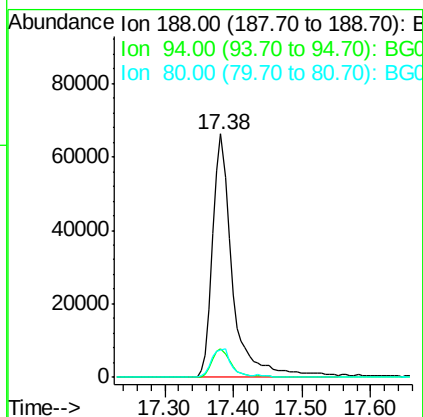
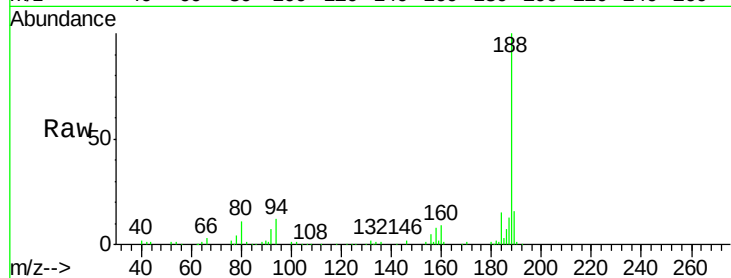




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BG022490.D
Acq: 22 Jun 2016 7:35

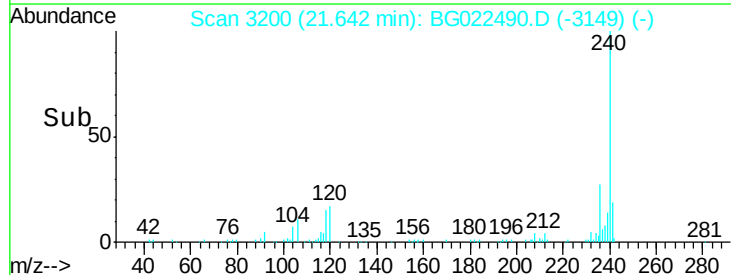
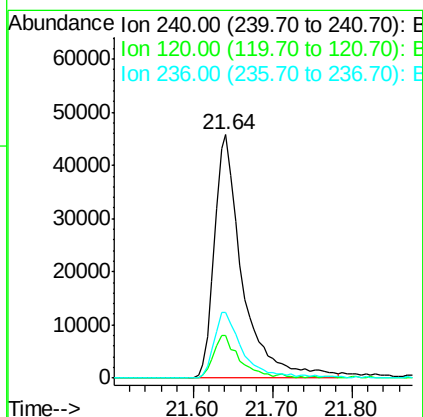
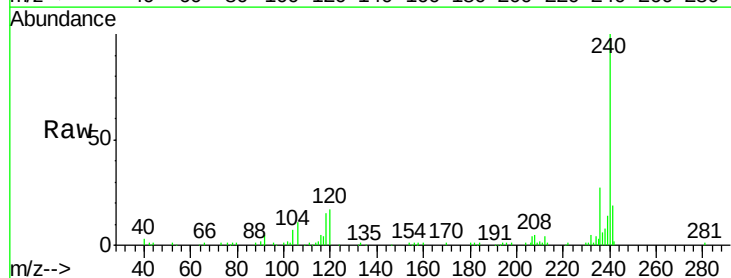
Instrument :
BNA_G
ClientSampleId :
PM-STA-1402(0-4)

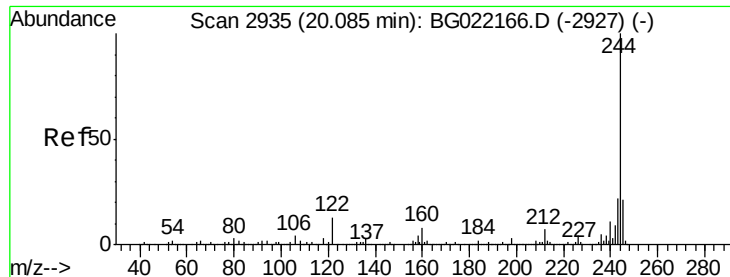
Tot Ion:188 Resp: 134204
Ion Ratio Lower Upper
188 100
94 11.7 7.5 11.3#
80 11.2 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. 0.00 min
Lab File: BG022490.D
Acq: 22 Jun 2016 7:35

Tgt Ion:240 Resp: 111873
Ion Ratio Lower Upper
240 100
120 17.3 8.4 12.6#
236 27.2 19.6 29.4





#78

Terphenyl-d14

Concen: 113.05 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG022490.D

Acq: 22 Jun 2016 7:35

Instrument :

BNA_G

ClientSampleId :

PM-STA-1402(0-4)

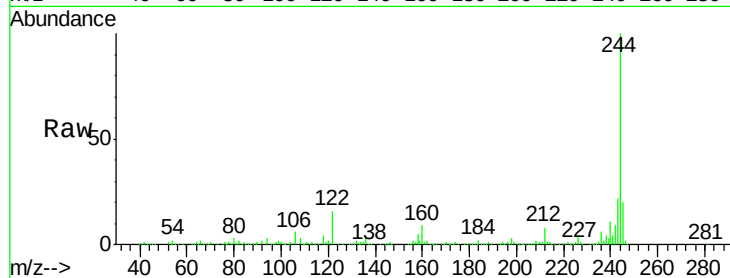
Tot Ion:244 Resp: 532718

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

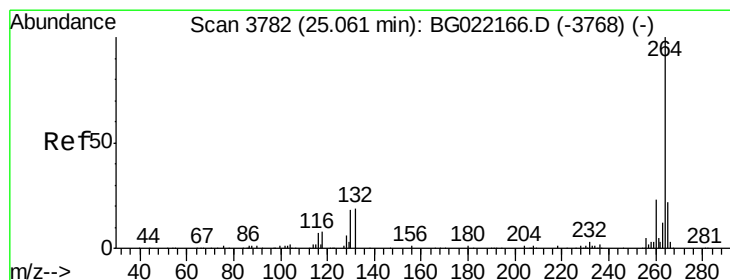
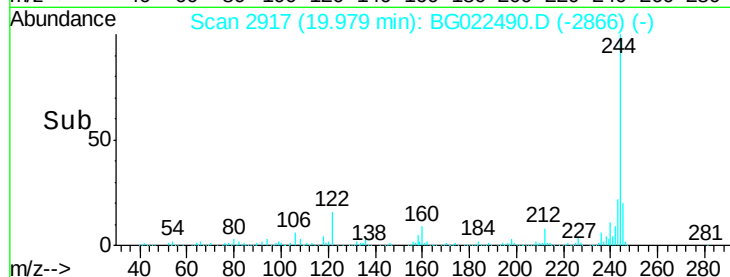
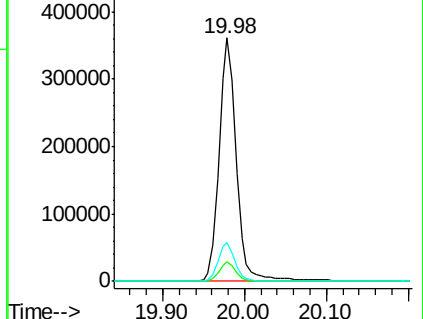
122 15.7 8.6 12.8#



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: 24.84 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG022490.D

Acq: 22 Jun 2016 7:35

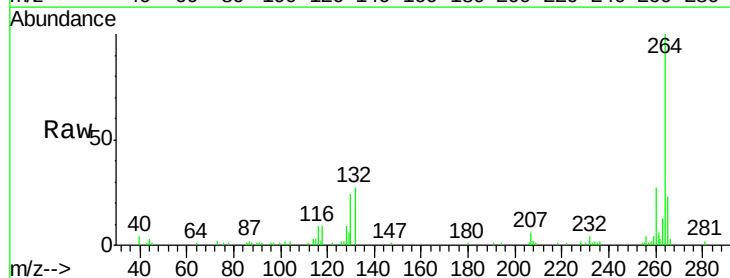
Tgt Ion:264 Resp: 101935

Ion Ratio Lower Upper

264 100

260 26.5 20.2 30.4

265 23.2 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

