

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062116\
 Data File : BG022482.D
 Acq On : 22 Jun 2016 1:34
 Operator : UM/SJ
 Sample : H3600-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1370(0-4)

Quant Time: Jun 22 03:10:04 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 02:15:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	21046	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	100159	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	66696	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	160039	20.00	ng	0.00
75) Chrysene-d12	21.64	240	130220	20.00	ng	0.00
86) Perylene-d12	24.84	264	113214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	178471	163.96	ng	0.00
7) Phenol-d6	7.17	99	242063	141.44	ng	0.00
23) Nitrobenzene-d5	9.16	82	139069	96.80	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	94068	124.82	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	415145	94.86	ng	0.00
78) Terphenyl-d14	19.98	244	609013	111.03	ng	0.00

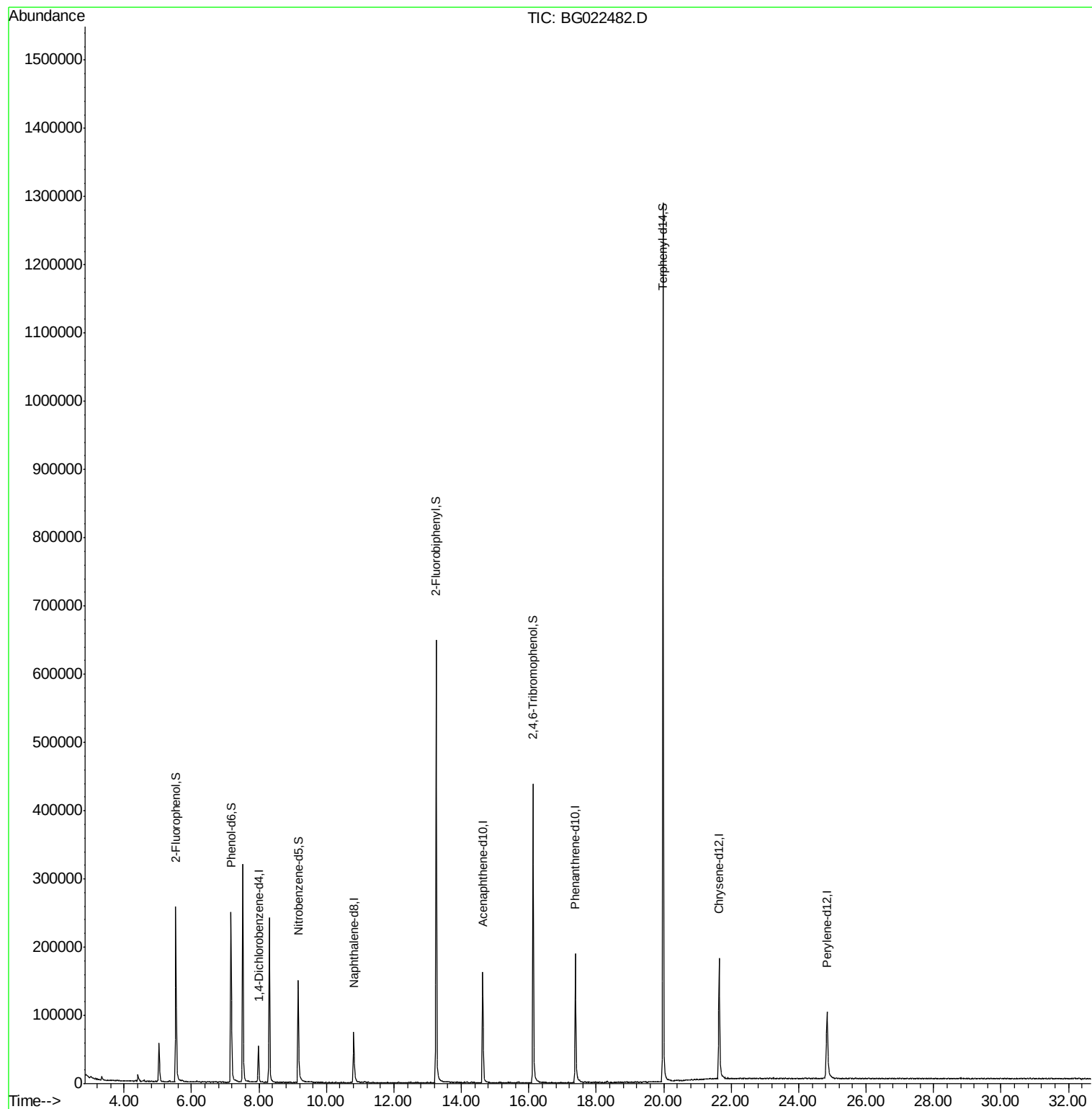
Target Compounds	Qvalue
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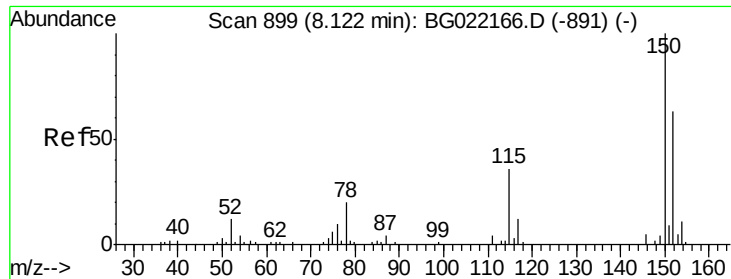
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.99 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG022482.D

Acq: 22 Jun 2016 1:34

Instrument :

BNA_G

ClientSampleId :

PM-STA-1370(0-4)

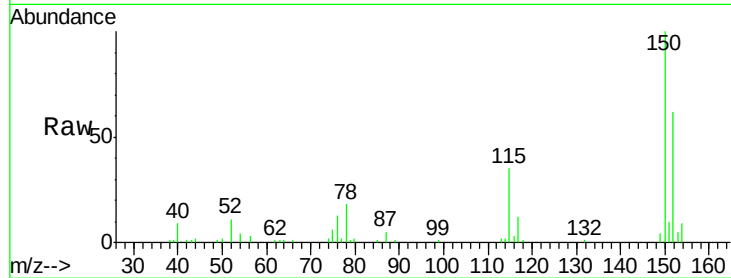
Tgt Ion:152 Resp: 21046

Ion Ratio Lower Upper

152 100

150 160.5 130.1 195.1

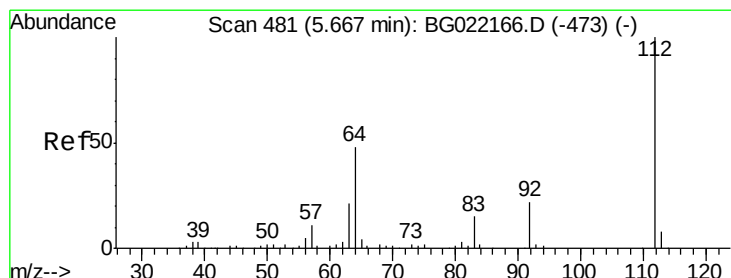
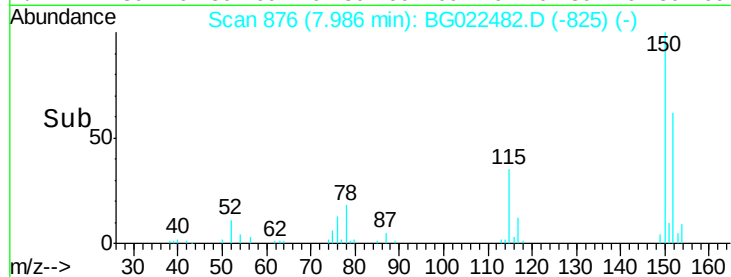
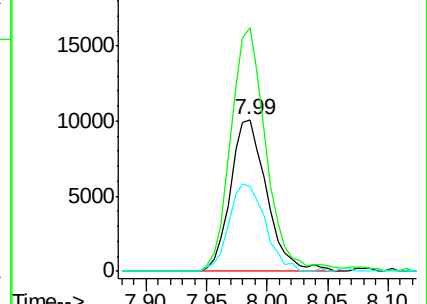
115 56.2 62.2 93.2#



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: 163.96 ng

RT: 5.54 min Scan# 459

Delta R.T. -0.00 min

Lab File: BG022482.D

Acq: 22 Jun 2016 1:34

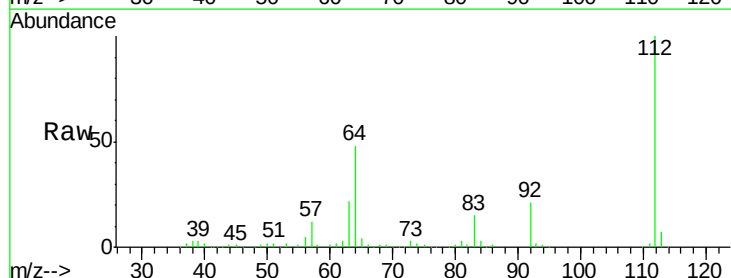
Tgt Ion:112 Resp: 178471

Ion Ratio Lower Upper

112 100

64 47.6 51.1 76.7#

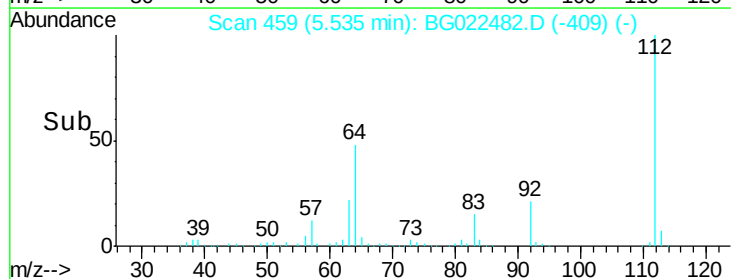
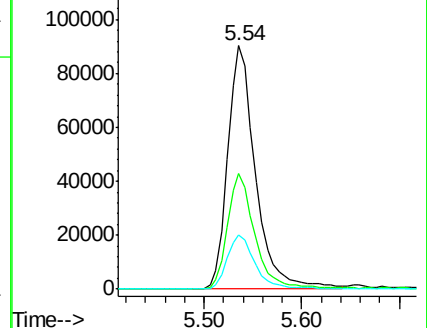
63 22.0 24.6 37.0#

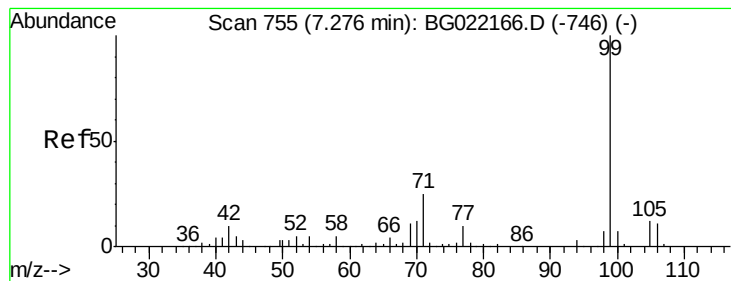


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 141.44 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG022482.D

Acq: 22 Jun 2016 1:34

Instrument :

BNA_G

ClientSampleId :

PM-STA-1370(0-4)

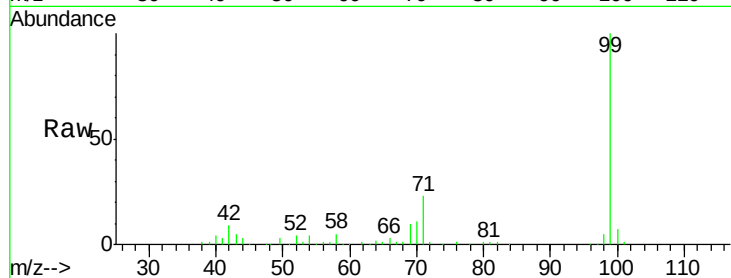
Tgt Ion: 99 Resp: 242063

Ion Ratio Lower Upper

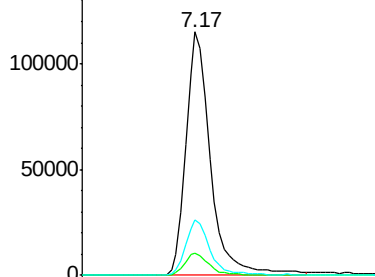
99 100

42 9.0 16.4 24.6#

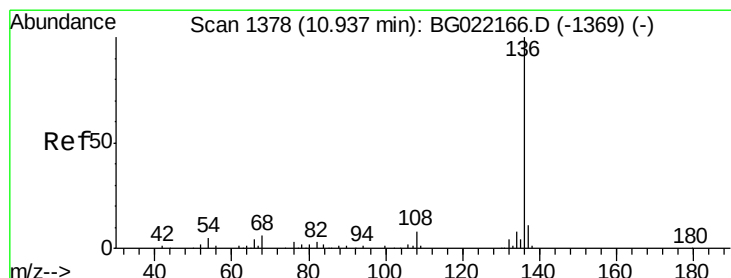
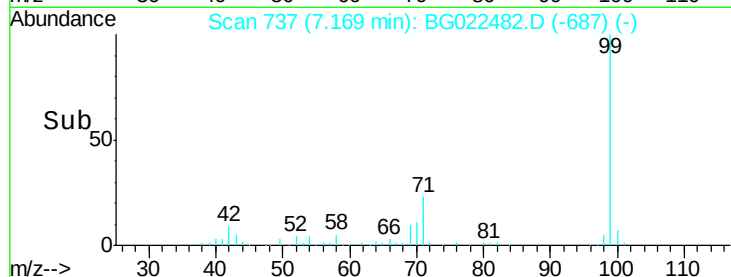
71 22.8 25.0 37.4#



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BG022482.D

Acq: 22 Jun 2016 1:34

Tgt Ion: 136 Resp: 100159

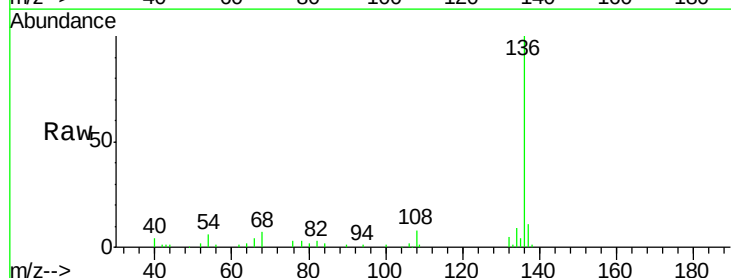
Ion Ratio Lower Upper

136 100

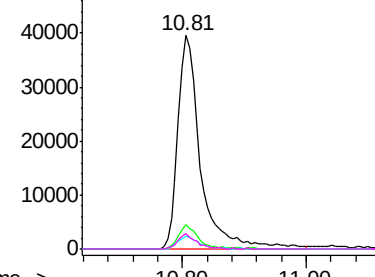
137 11.1 9.0 13.4

54 5.7 9.6 14.4#

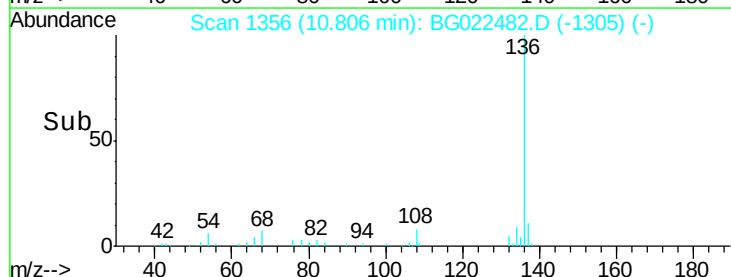
68 7.2 6.4 9.6

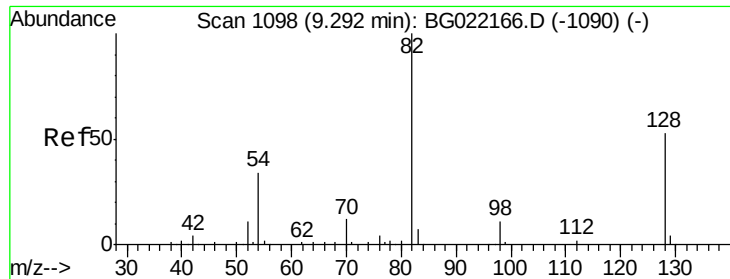


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

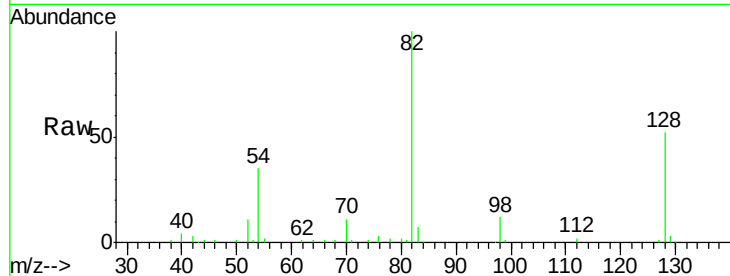




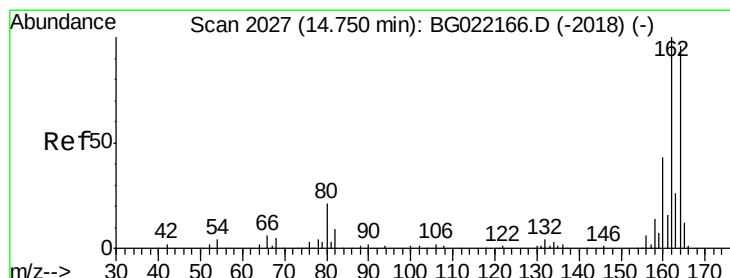
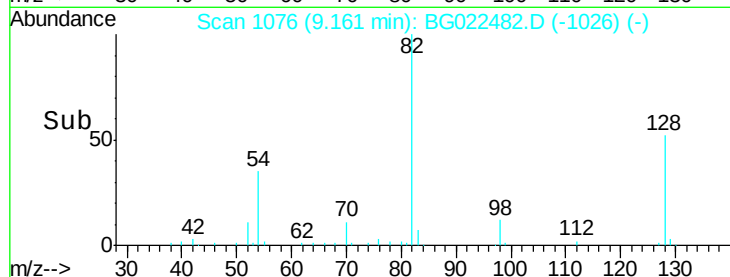
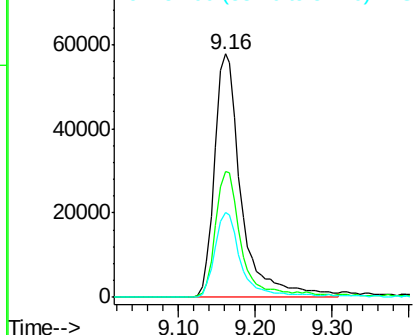
#23
 Nitrobenzene-d5
 Concen: 96.80 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG022482.D
 Acq: 22 Jun 2016 1:34

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1370(0-4)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.7	33.4	50.0#
54	35.0	46.1	69.1#

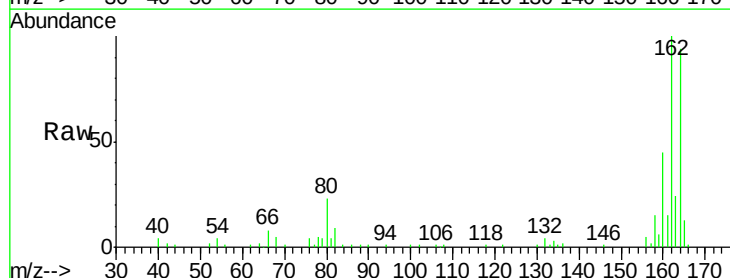


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

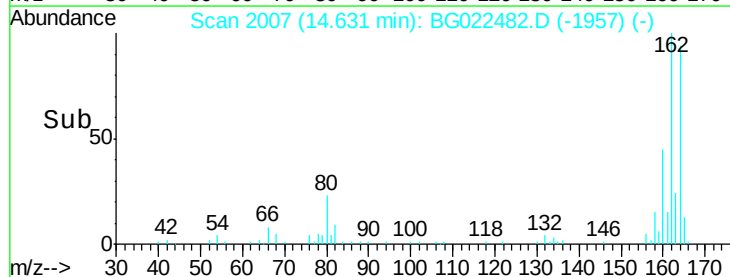
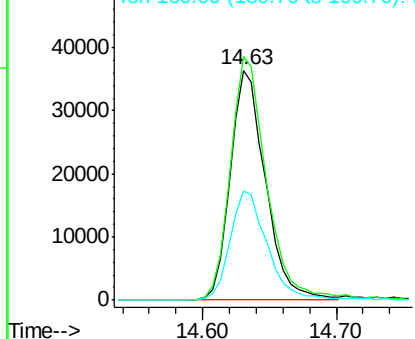


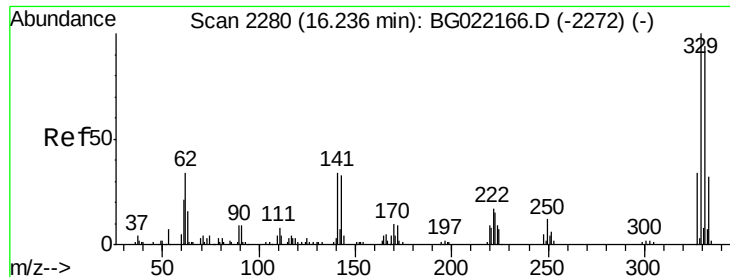
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG022482.D
 Acq: 22 Jun 2016 1:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.0	117.0
160	47.6	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

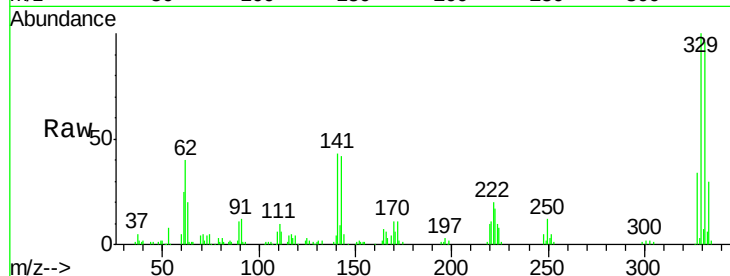




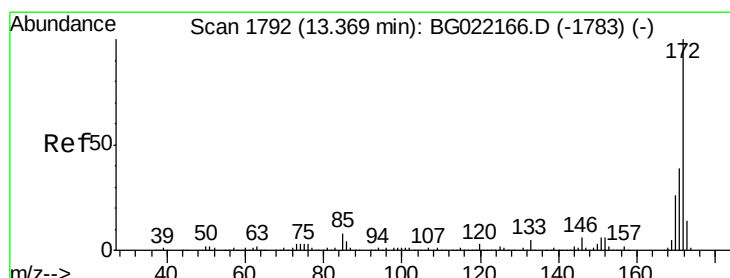
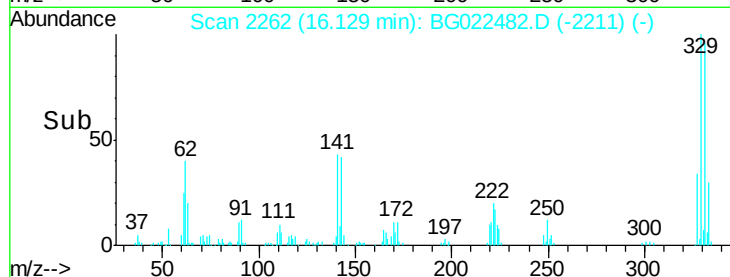
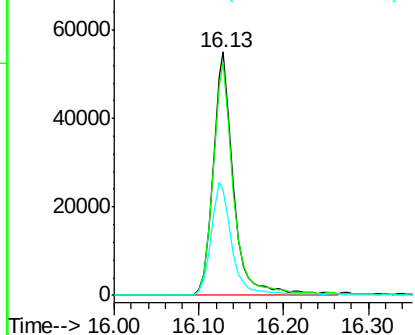
#41
 2,4,6-Tribromophenol
 Concen: 124.82 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: BG022482.D
 Acq: 22 Jun 2016 1:34

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1370(0-4)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.0	117.0
141	46.7	33.8	50.8

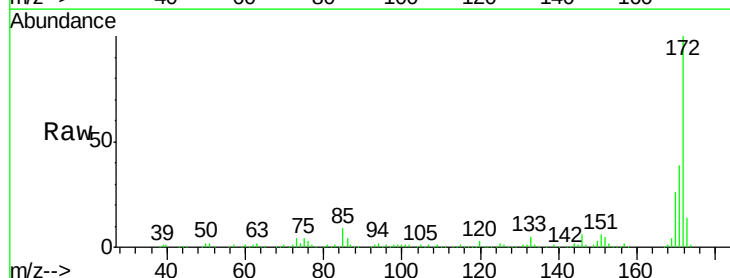


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

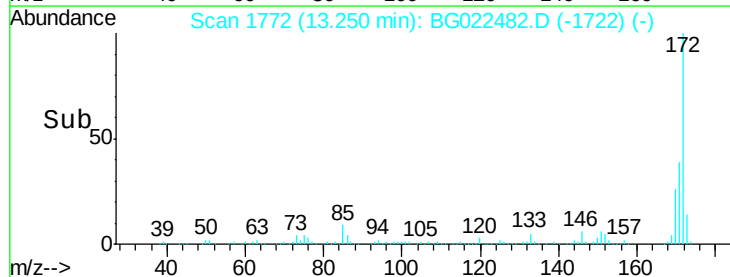
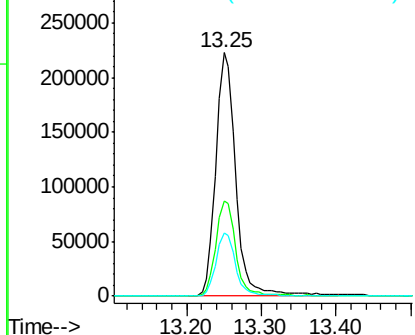


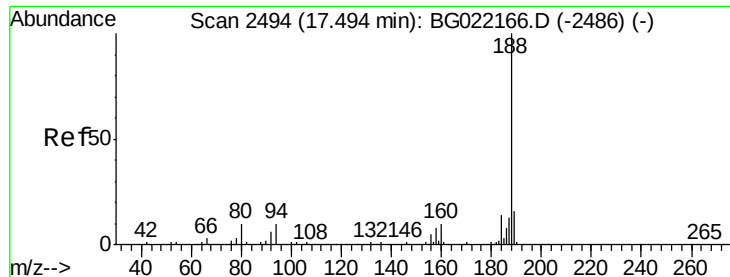
#44
 2-Fluorobiphenyl
 Concen: 94.86 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG022482.D
 Acq: 22 Jun 2016 1:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	27.8	41.6
170	26.1	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: BG022482.D

Acq: 22 Jun 2016 1:34

Instrument :

BNA_G

ClientSampleId :

PM-STA-1370(0-4)

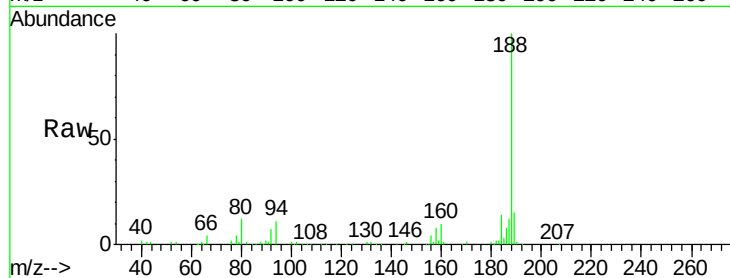
Tgt Ion:188 Resp: 160039

Ion Ratio Lower Upper

188 100

94 11.3 7.5 11.3#

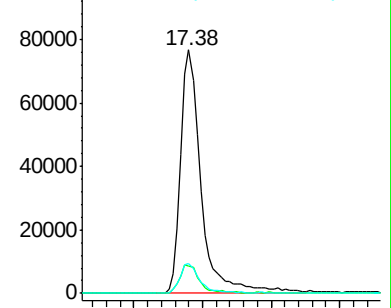
80 12.2 8.6 13.0



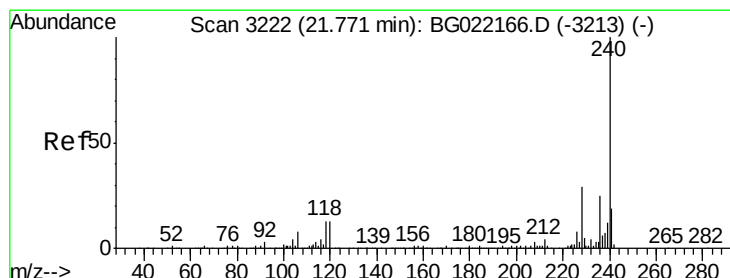
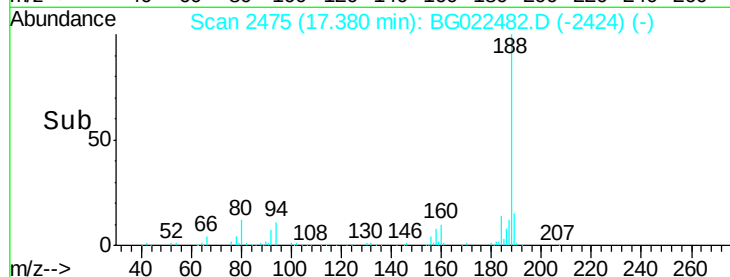
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3200

Delta R.T. 0.00 min

Lab File: BG022482.D

Acq: 22 Jun 2016 1:34

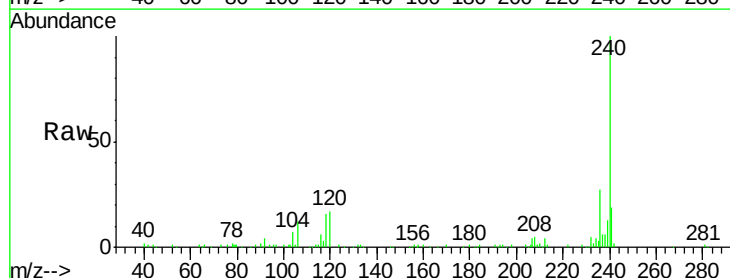
Tgt Ion:240 Resp: 130220

Ion Ratio Lower Upper

240 100

120 16.6 8.4 12.6#

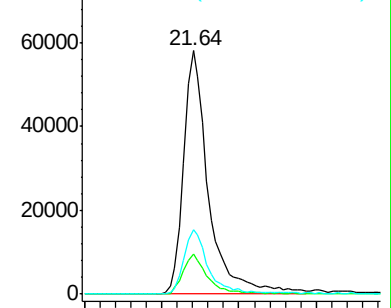
236 26.7 19.6 29.4



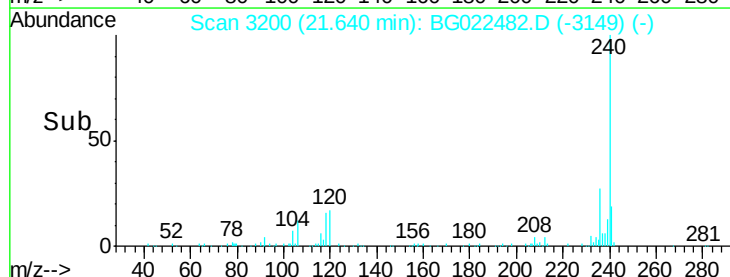
Abundance Ion 240.00 (239.70 to 240.70): E

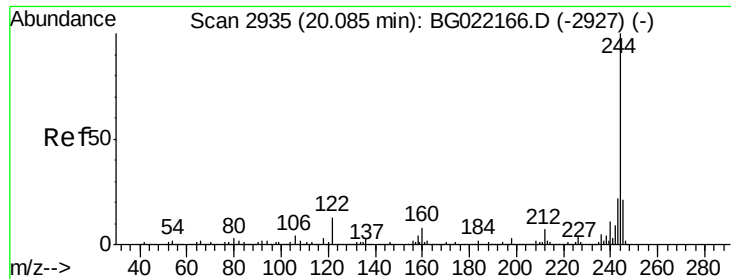
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 111.03 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG022482.D

Acq: 22 Jun 2016 1:34

Instrument :

BNA_G

ClientSampleId :

PM-STA-1370(0-4)

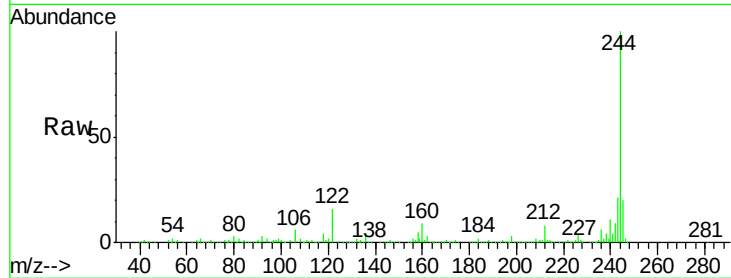
Tgt Ion:244 Resp: 609013

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

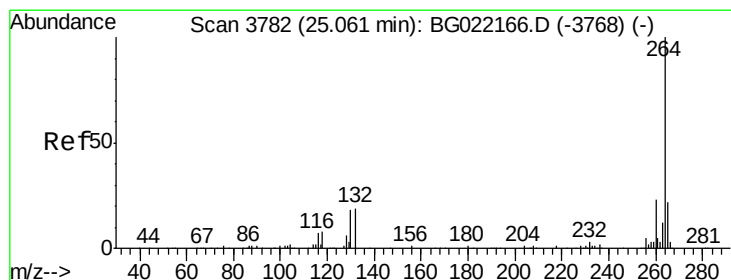
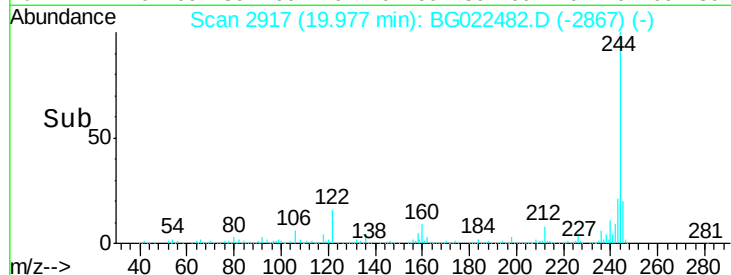
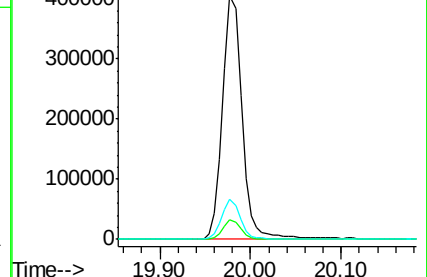
122 16.3 8.6 12.8#



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: 24.84 min Scan# 3745

Delta R.T. 0.00 min

Lab File: BG022482.D

Acq: 22 Jun 2016 1:34

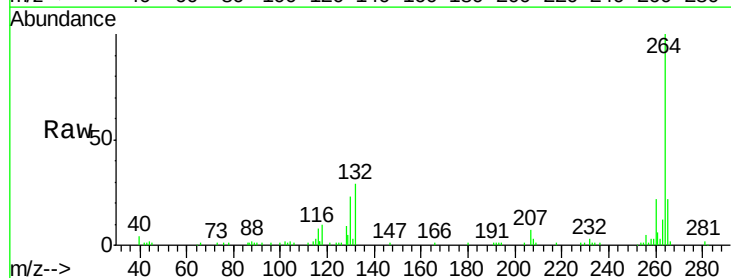
Tgt Ion:264 Resp: 113214

Ion Ratio Lower Upper

264 100

260 21.8 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

