

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022492.D
 Acq On : 22 Jun 2016 8:55
 Operator : UM/SJ
 Sample : H3601-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1412(0-4)

Quant Time: Jun 22 14:01:10 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	17629	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	85268	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	55957	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	130845	20.00	ng	0.00
75) Chrysene-d12	21.64	240	109331	20.00	ng	0.00
86) Perylene-d12	24.85	264	101687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	158950	174.33	ng	0.00
7) Phenol-d6	7.17	99	216515	151.03	ng	-0.01
23) Nitrobenzene-d5	9.16	82	115341	94.31	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	70671	111.77	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	355787	96.90	ng	0.00
78) Terphenyl-d14	19.98	244	532281	115.58	ng	0.00

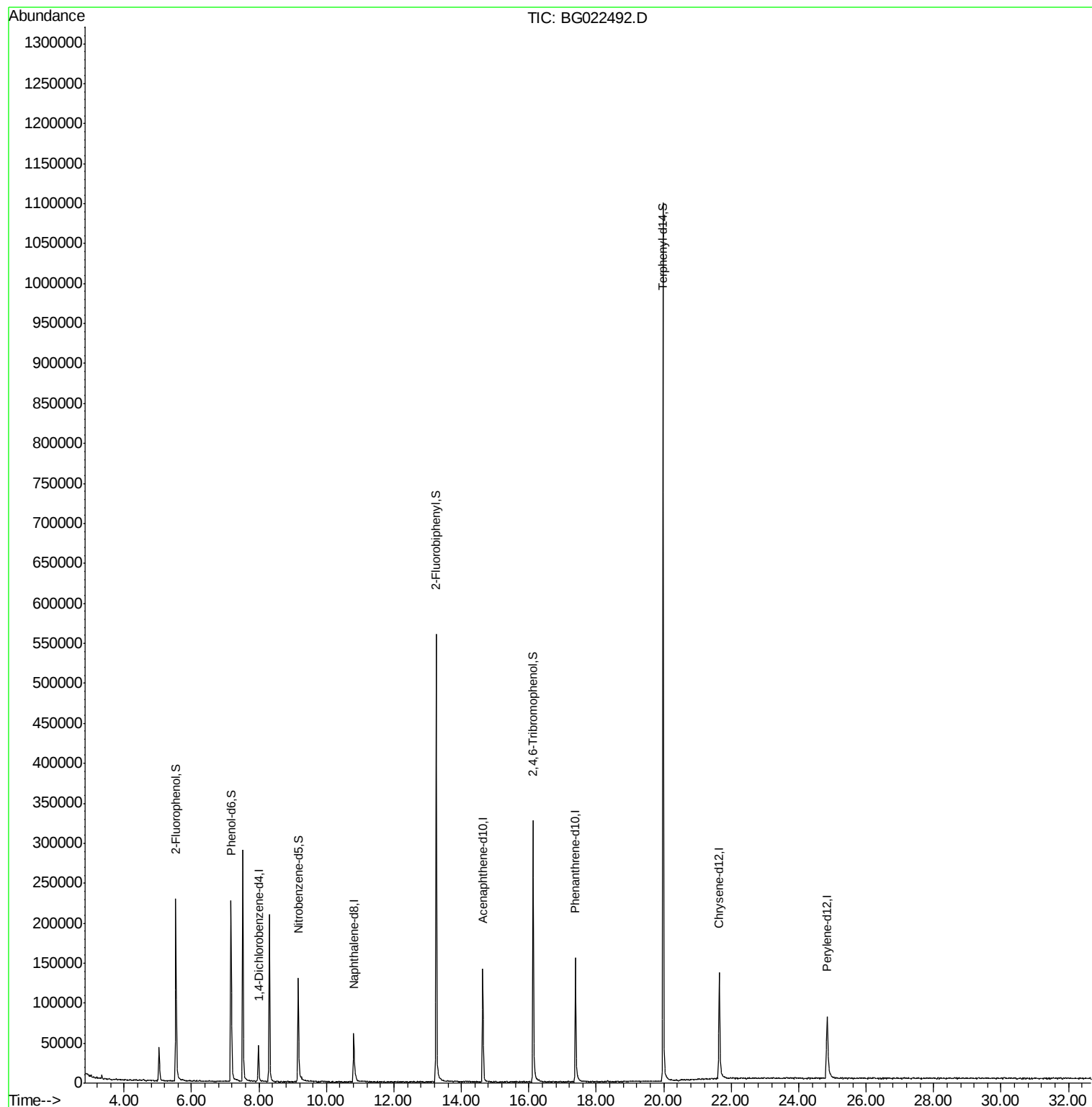
Target Compounds Qvalue

(#) = 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# 876

Delta R.T. -0.00 min

Lab File: BG022492.D

Acq: 22 Jun 2016 8:55

Instrument :

BNA_G

ClientSampleId :

PM-STA-1412(0-4)

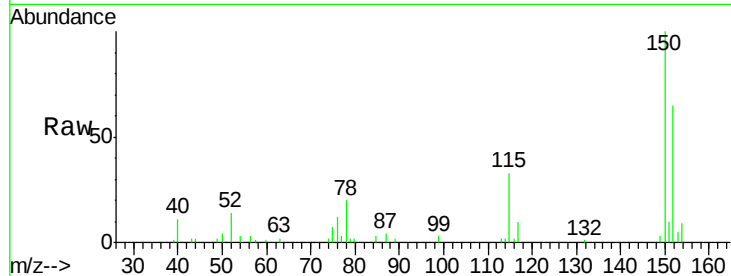
Tot Ion:152 Resp: 17629

Ion Ratio Lower Upper

152 100

150 153.1 130.1 195.1

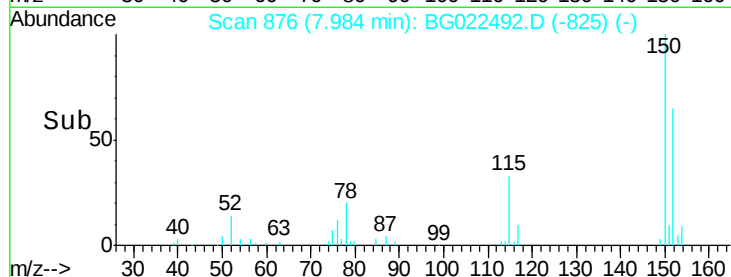
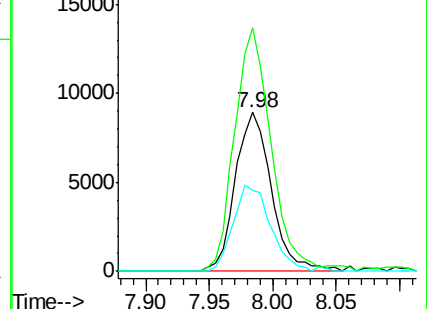
115 50.7 62.2 93.2#



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: 174.33 ng

RT: 5.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BG022492.D

Acq: 22 Jun 2016 8:55

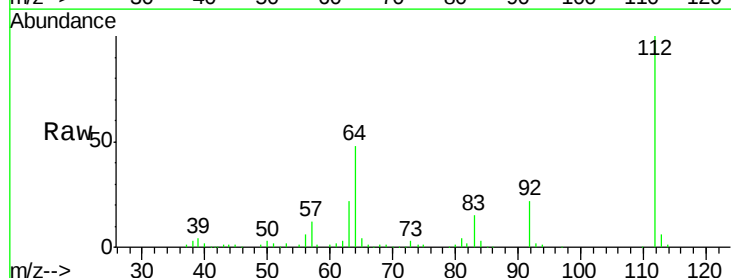
Tgt Ion:112 Resp: 158950

Ion Ratio Lower Upper

112 100

64 47.9 51.1 76.7#

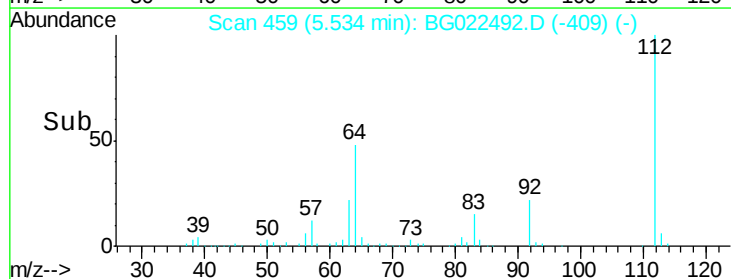
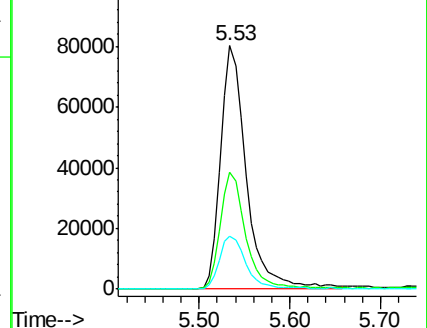
63 21.9 24.6 37.0#



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: 151.03 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG022492.D

Acq: 22 Jun 2016 8:55

Instrument :

BNA_G

ClientSampleId :

PM-STA-1412(0-4)

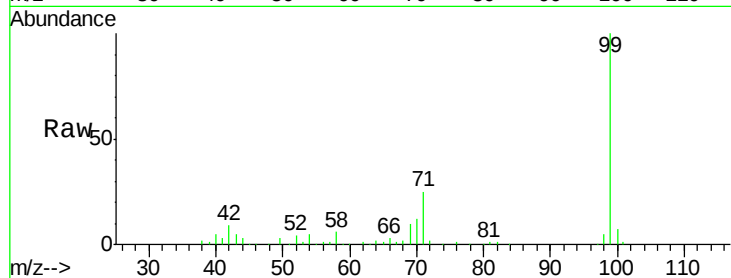
Tot Ion: 99 Resp: 216515

Ion Ratio Lower Upper

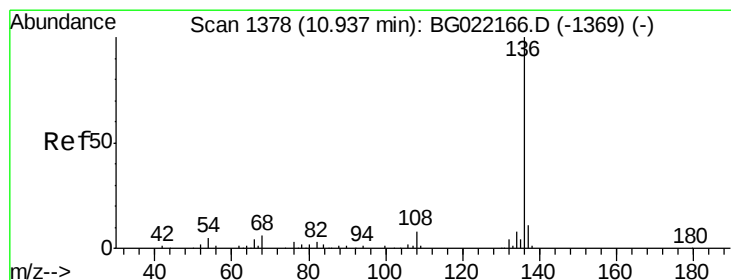
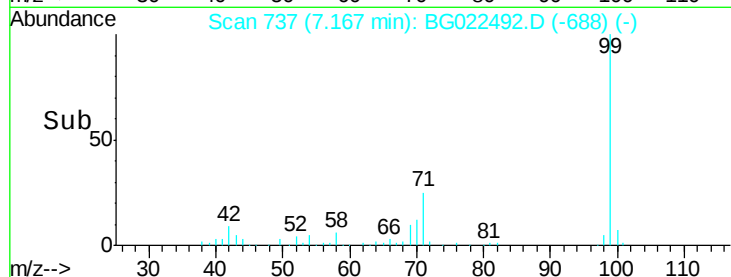
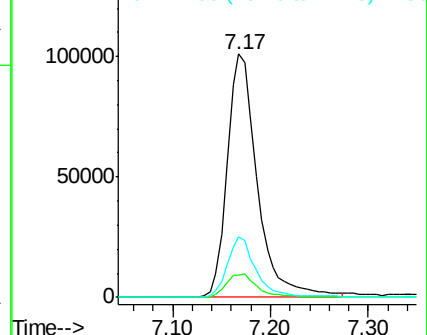
99 100

42 9.3 16.4 24.6#

71 24.9 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# 1357

Delta R.T. 0.00 min

Lab File: BG022492.D

Acq: 22 Jun 2016 8:55

Tgt Ion: 136 Resp: 85268

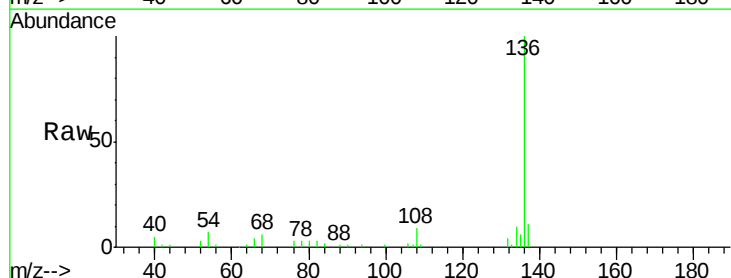
Ion Ratio Lower Upper

136 100

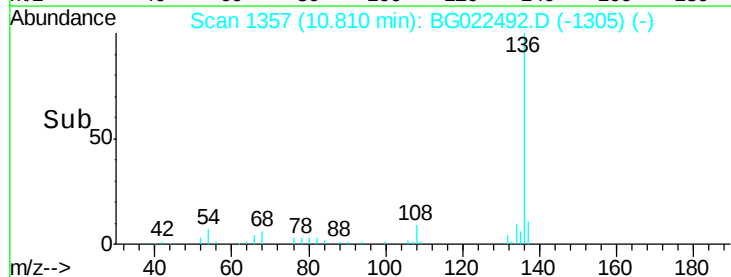
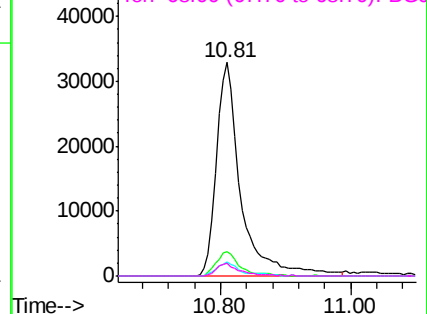
137 11.3 9.0 13.4

54 6.6 9.6 14.4#

68 6.1 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

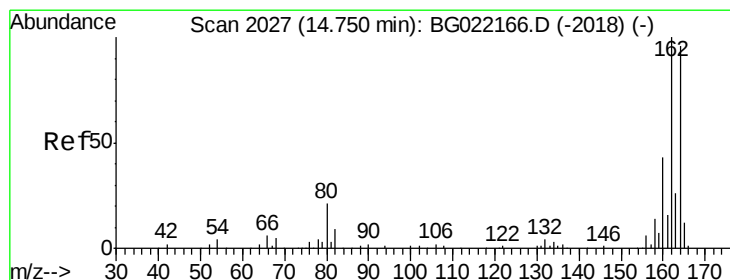
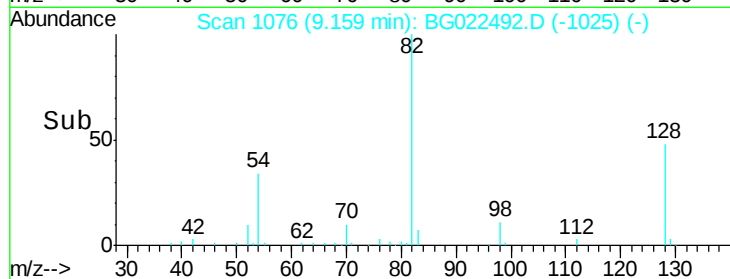
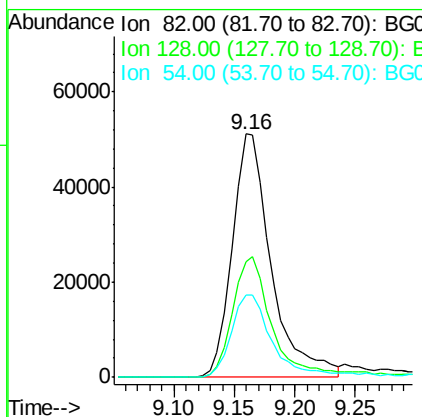
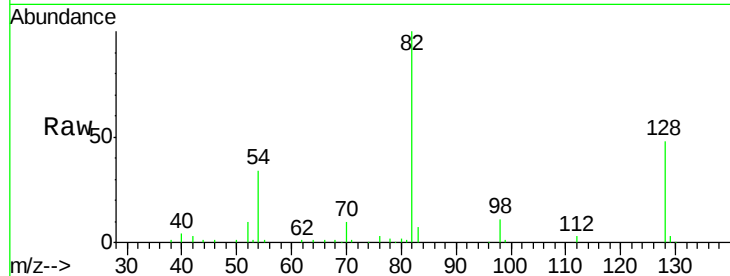




#23
 Nitrobenzene-d5
 Concen: 94.31 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG022492.D
 Acq: 22 Jun 2016 8:55

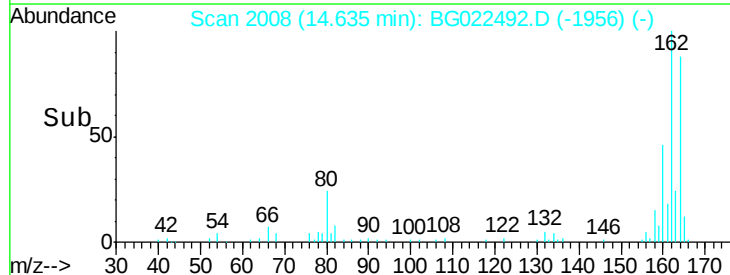
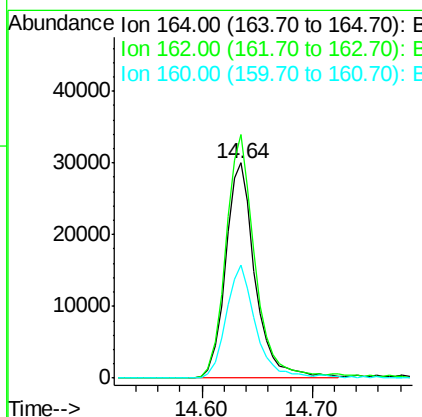
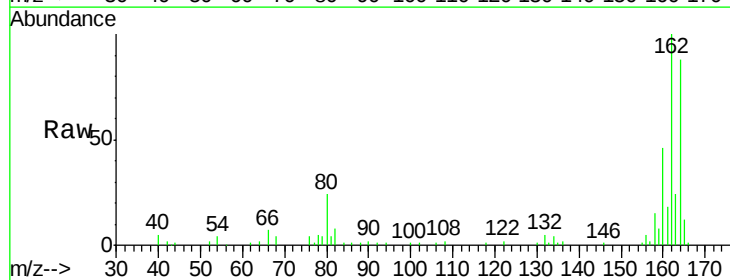
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1412(0-4)

Tot Ion: 82 Resp: 115341
 Ion Ratio Lower Upper
 82 100
 128 47.6 33.4 50.0
 54 33.9 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG022492.D
 Acq: 22 Jun 2016 8:55

Tgt Ion:164 Resp: 55957
 Ion Ratio Lower Upper
 164 100
 162 113.1 78.0 117.0
 160 52.3 32.9 49.3#

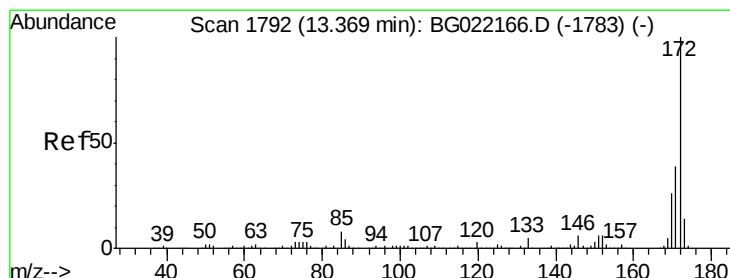
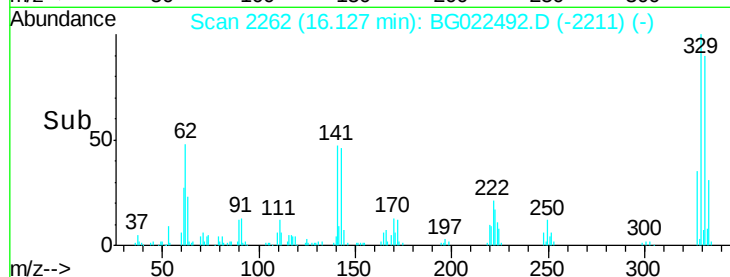
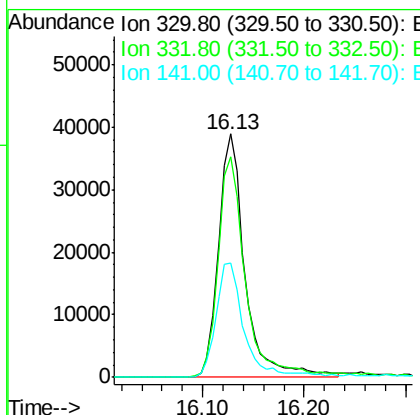
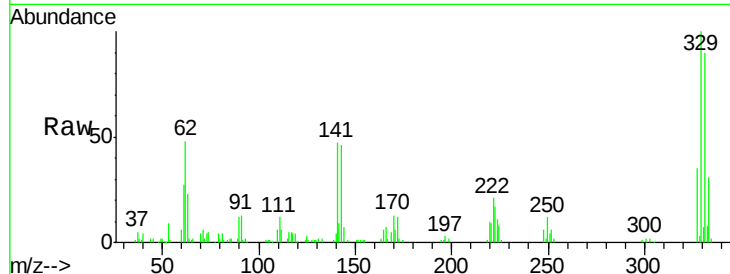




#41
 2,4,6-Tribromophenol
 Concen: 111.77 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG022492.D
 Acq: 22 Jun 2016 8:55

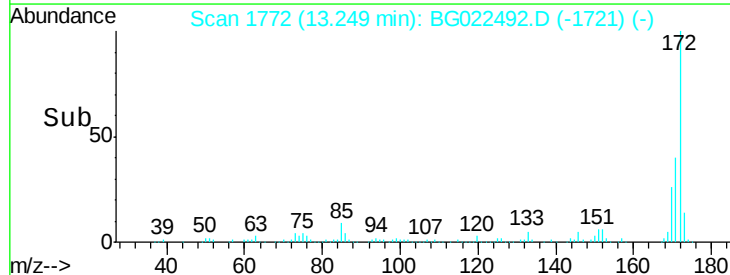
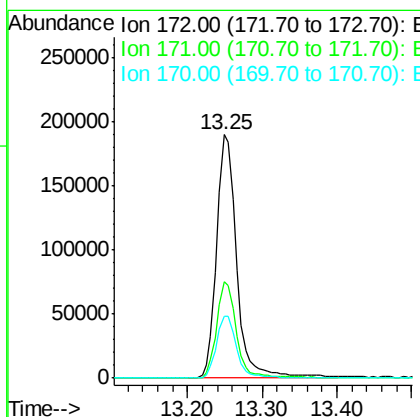
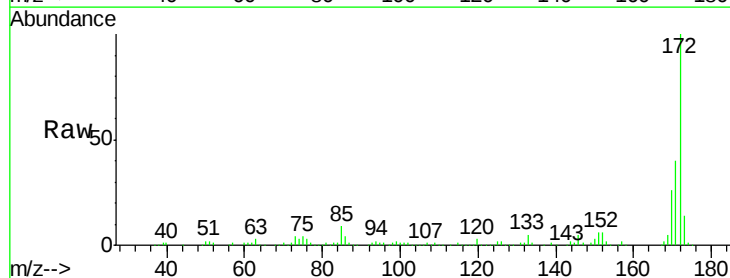
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1412(0-4)

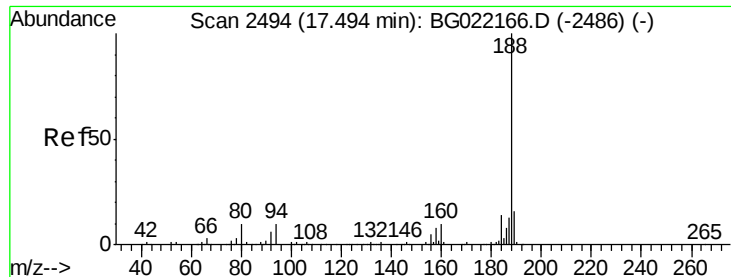
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	78.0	117.0
141	50.1	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 96.90 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG022492.D
 Acq: 22 Jun 2016 8:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	27.8	41.6
170	25.5	19.6	29.4

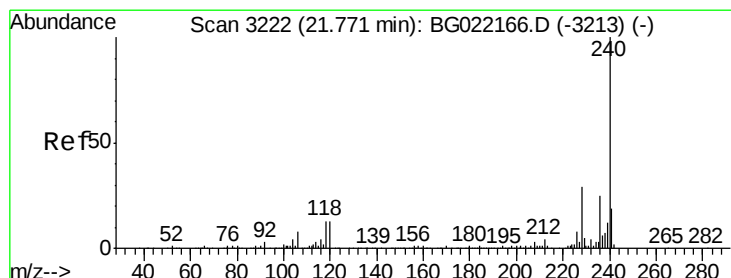
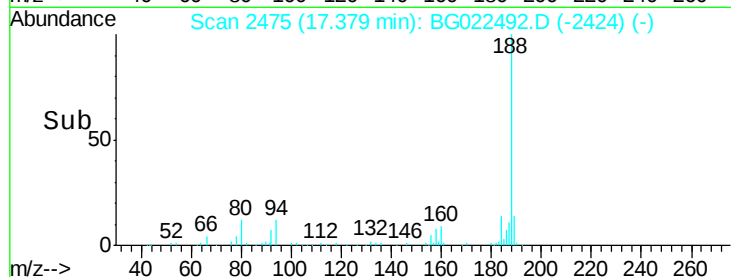
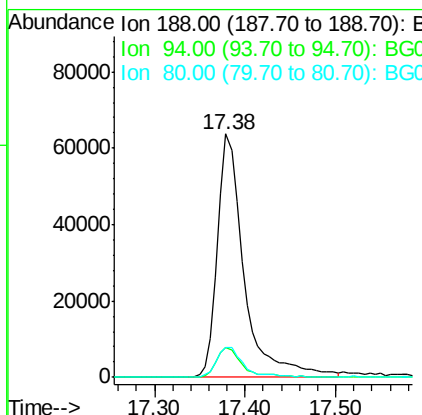
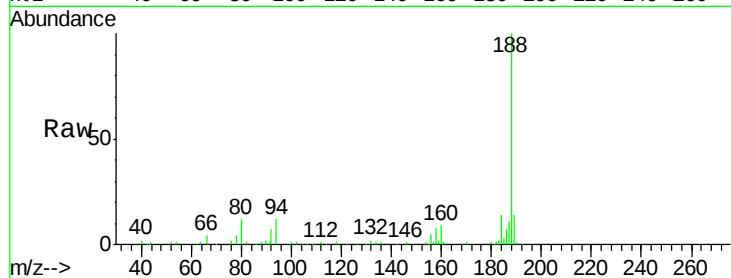




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022492.D
Acq: 22 Jun 2016 8:55

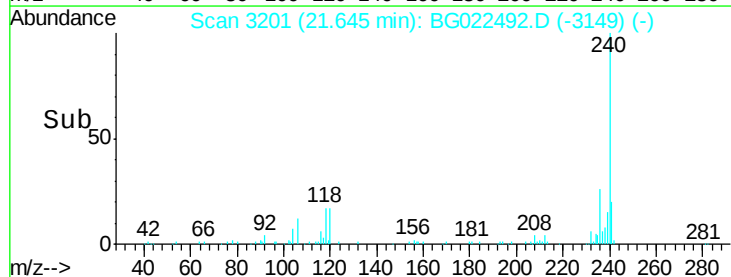
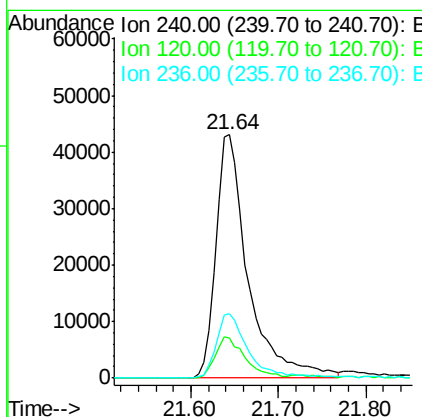
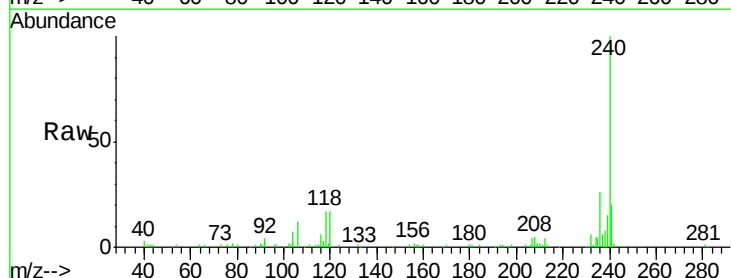
Instrument :
BNA_G
ClientSampleId :
PM-STA-1412(0-4)

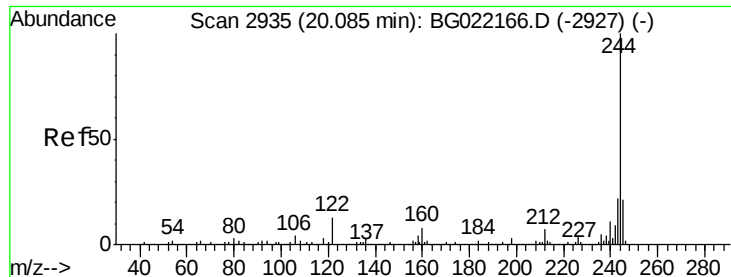
Tot Ion:188 Resp: 130845
Ion Ratio Lower Upper
188 100
94 12.3 7.5 11.3#
80 12.1 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3201
Delta R.T. 0.00 min
Lab File: BG022492.D
Acq: 22 Jun 2016 8:55

Tgt Ion:240 Resp: 109331
Ion Ratio Lower Upper
240 100
120 16.7 8.4 12.6#
236 26.4 19.6 29.4





#78

Terphenyl-d14

Concen: 115.58 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG022492.D

Acq: 22 Jun 2016 8:55

Instrument :

BNA_G

ClientSampleId :

PM-STA-1412(0-4)

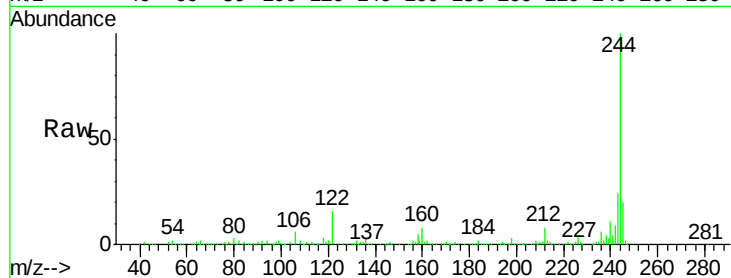
Tot Ion:244 Resp: 532281

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

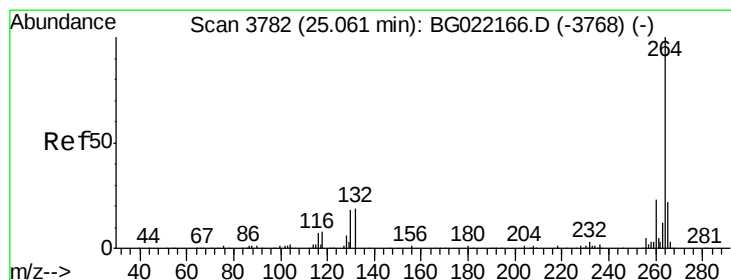
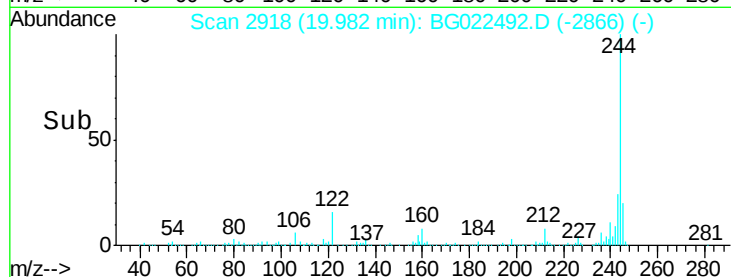
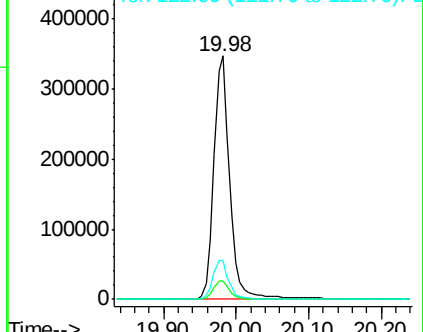
122 15.8 8.6 12.8#



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: BG022492.D

Acq: 22 Jun 2016 8:55

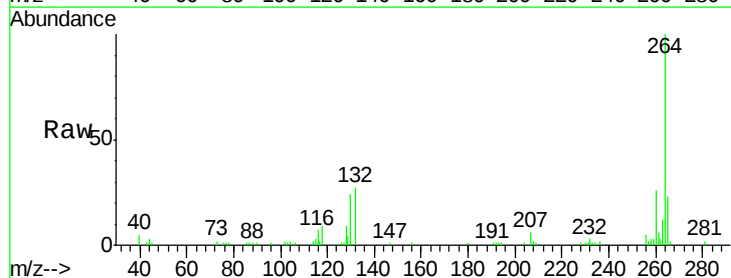
Tgt Ion:264 Resp: 101687

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.4

265 23.1 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

