

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022487.D
 Acq On : 22 Jun 2016 5:34
 Operator : UM/SJ
 Sample : H3600-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1388(0-4)

Quant Time: Jun 22 07:05:46 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

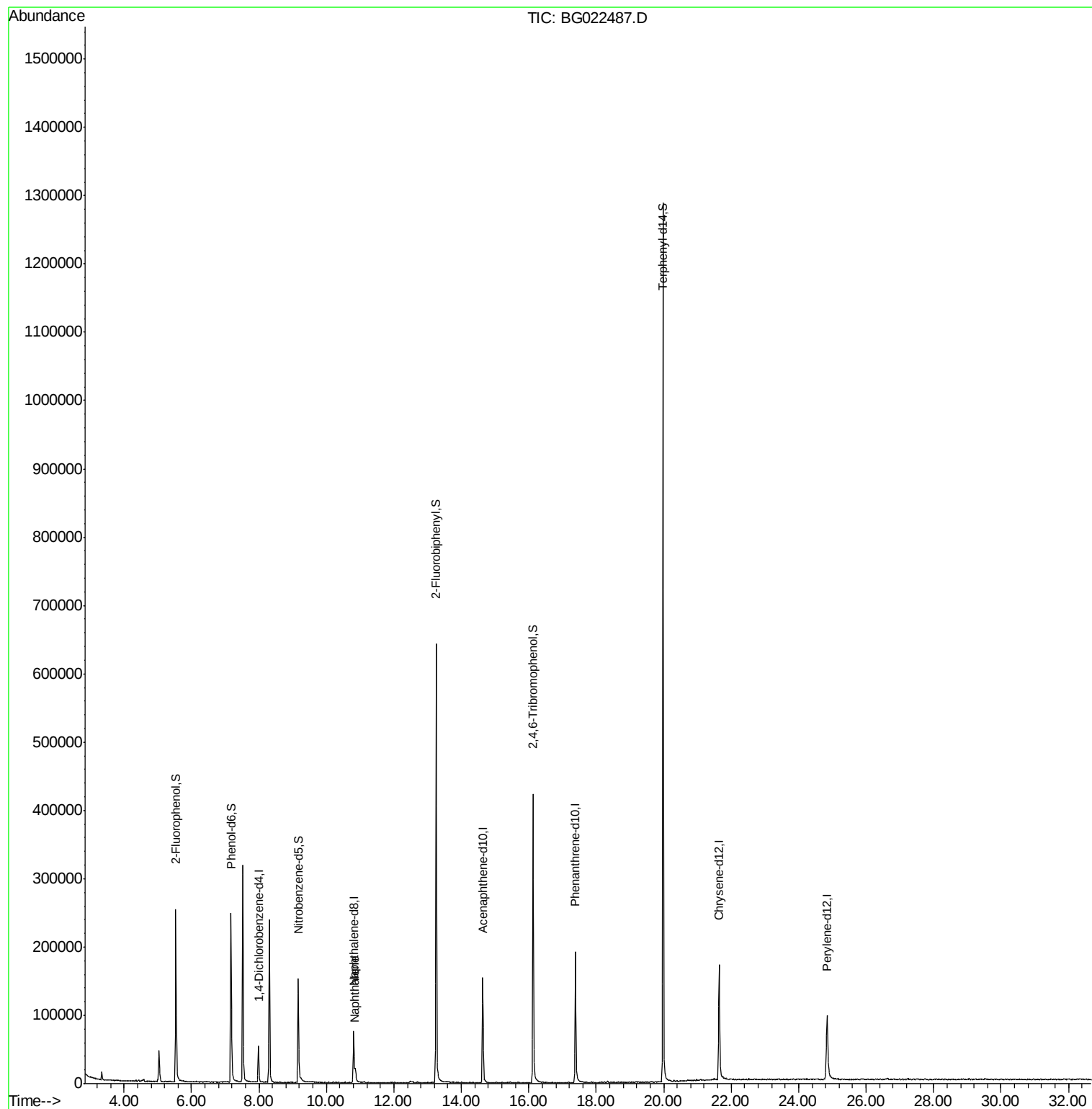
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	20243	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	98668	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	65515	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	149709	20.00	ng	0.00
75) Chrysene-d12	21.64	240	127319	20.00	ng	0.00
86) Perylene-d12	24.84	264	113419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	177478	169.51	ng	0.00
7) Phenol-d6	7.17	99	236836	143.87	ng	0.00
23) Nitrobenzene-d5	9.16	82	139015	98.23	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	87561	118.28	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	402891	93.72	ng	0.00
78) Terphenyl-d14	19.98	244	605168	112.84	ng	0.00
Target Compounds						
31) Naphthalene	10.86	128	21654	4.40	ng	Qvalue # 94

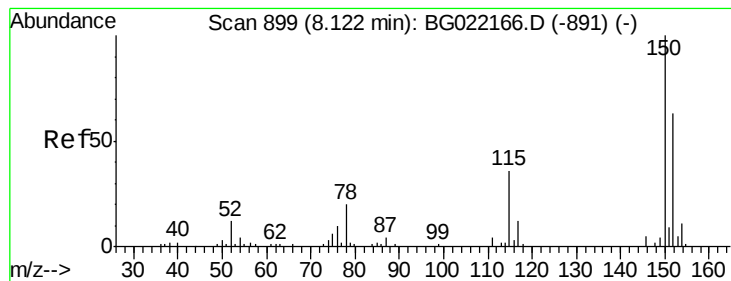
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022487.D

Acq: 22 Jun 2016 5:34

Instrument :

BNA_G

ClientSampleId :

PM-STA-1388(0-4)

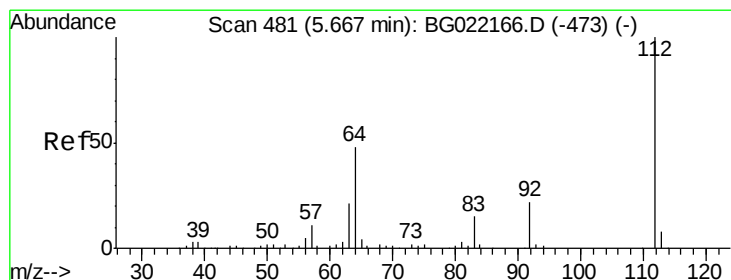
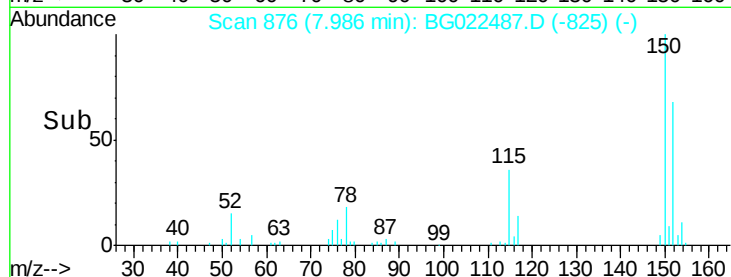
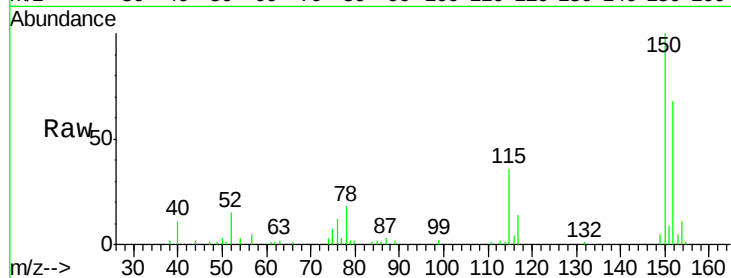
Tot Ion:152 Resp: 20243

Ion Ratio Lower Upper

152 100

150 147.8 130.1 195.1

115 53.9 62.2 93.2#



#5

2-Fluorophenol

Concen: 169.51 ng

RT: 5.54 min Scan# 459

Delta R.T. -0.00 min

Lab File: BG022487.D

Acq: 22 Jun 2016 5:34

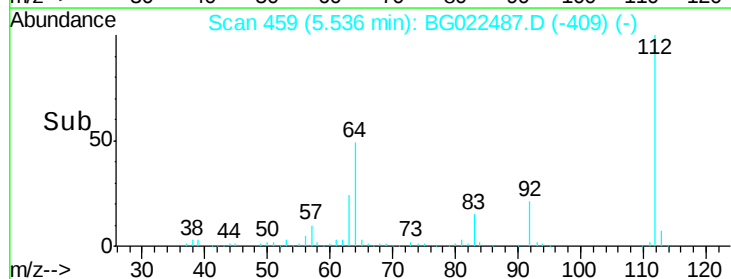
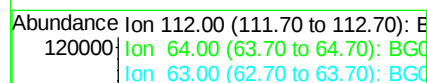
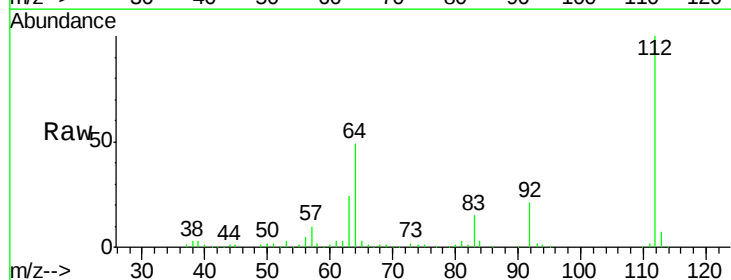
Tgt Ion:112 Resp: 177478

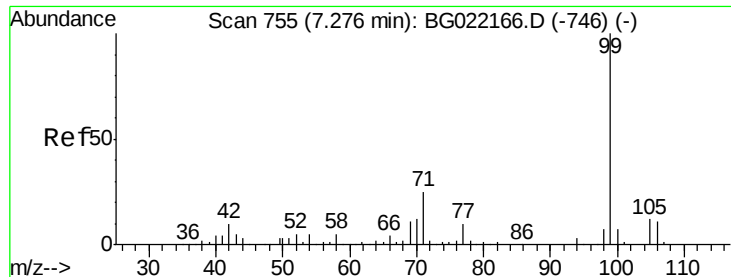
Ion Ratio Lower Upper

112 100

64 49.0 51.1 76.7#

63 24.4 24.6 37.0#





#7

Phenol-d6

Concen: 143.87 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG022487.D

Acq: 22 Jun 2016 5:34

Instrument :

BNA_G

ClientSampleId :

PM-STA-1388(0-4)

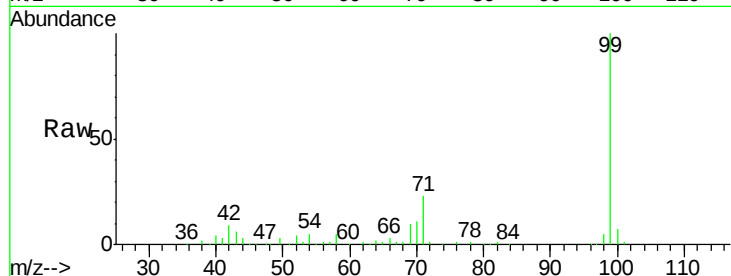
Tot Ion: 99 Resp: 236836

Ion Ratio Lower Upper

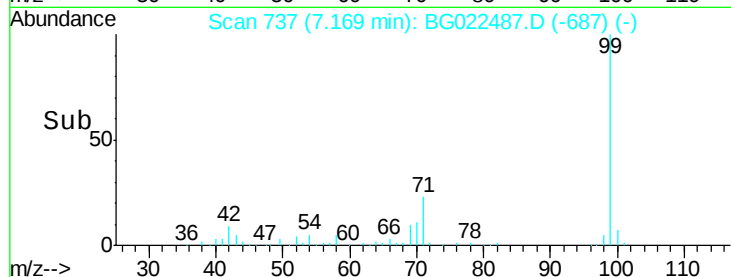
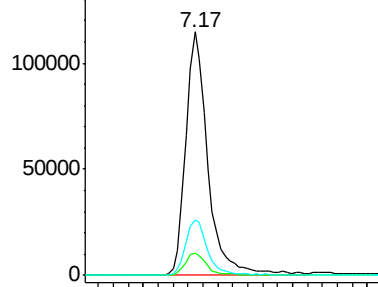
99 100

42 9.1 16.4 24.6#

71 22.6 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: BG022487.D

Acq: 22 Jun 2016 5:34

Tgt Ion: 136 Resp: 98668

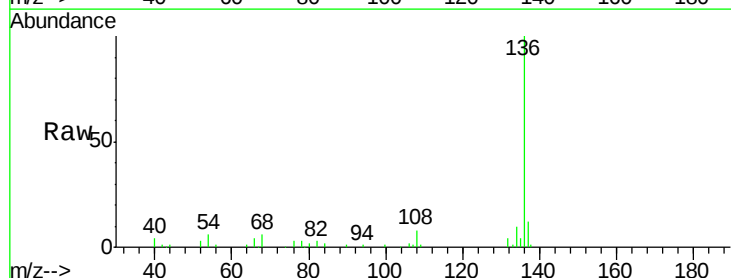
Ion Ratio Lower Upper

136 100

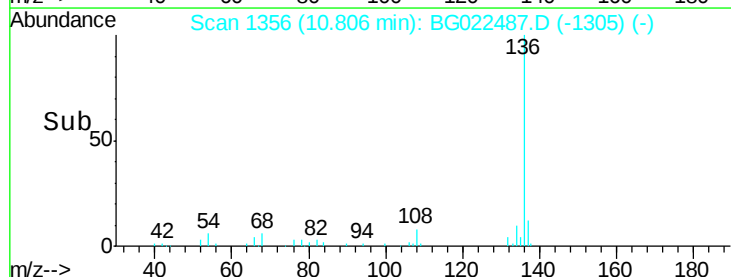
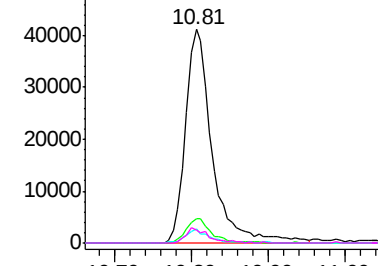
137 11.7 9.0 13.4

54 6.4 9.6 14.4#

68 5.9 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

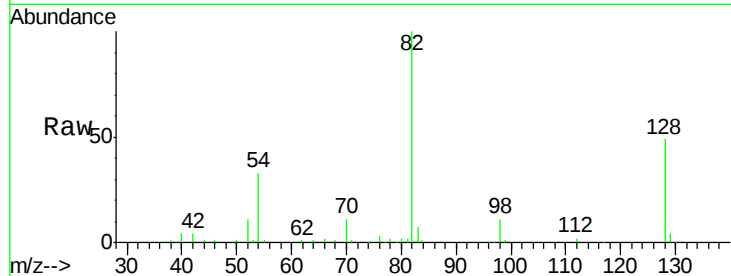




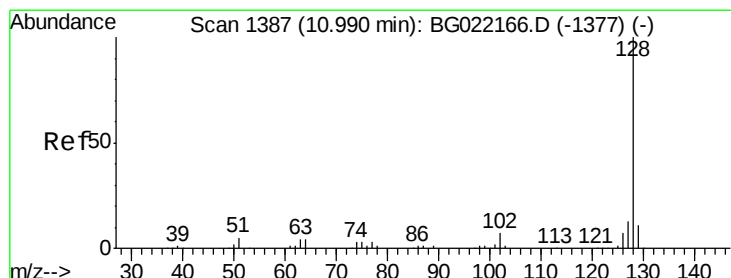
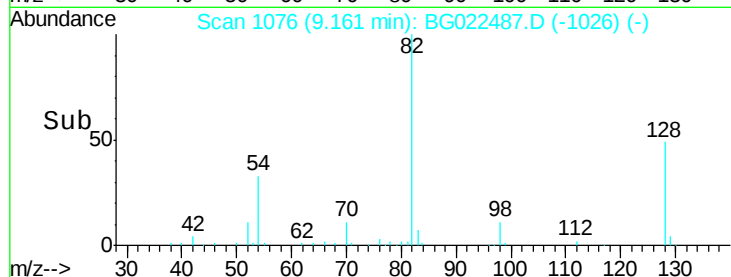
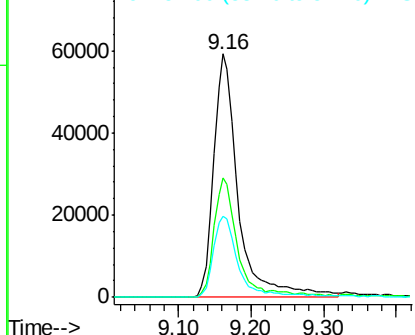
#23
Nitrobenzene-d5
Concen: 98.23 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG022487.D
Acq: 22 Jun 2016 5:34

Instrument :
BNA_G
ClientSampleId :
PM-STA-1388(0-4)

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.1	33.4	50.0
54	33.4	46.1	69.1#

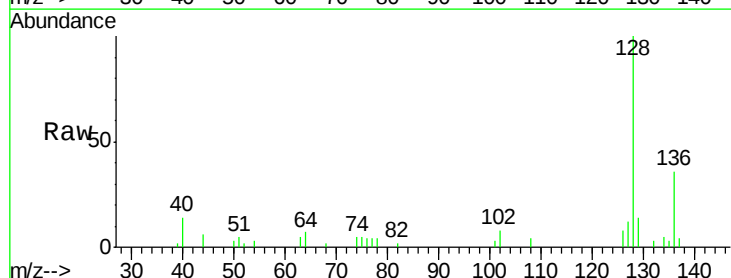


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

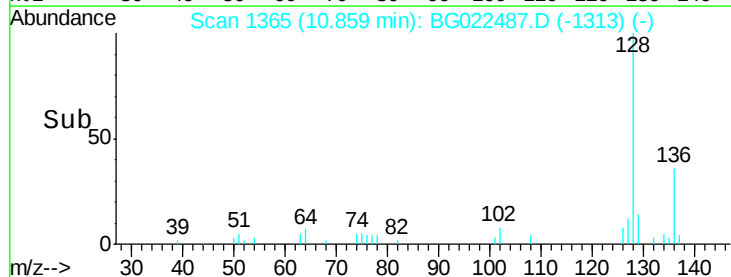
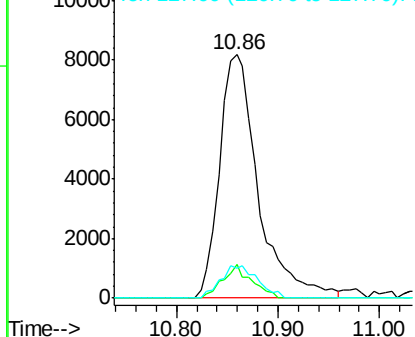


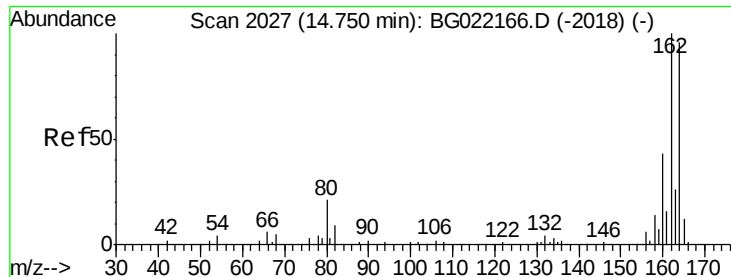
#31
Naphthalene
Concen: 4.40 ng
RT: 10.86 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BG022487.D
Acq: 22 Jun 2016 5:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.8	7.0	10.6#
127	12.5	10.1	15.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG022487.D

Acq: 22 Jun 2016 5:34

Instrument :

BNA_G

ClientSampleId :

PM-STA-1388(0-4)

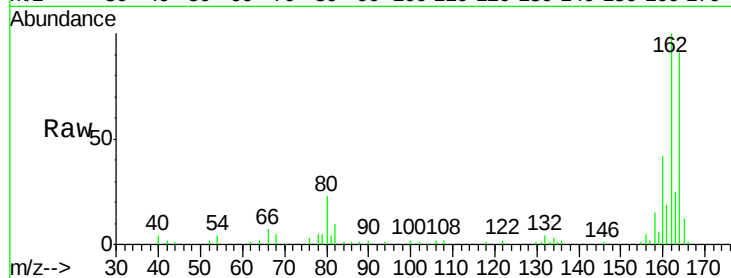
Tot Ion:164 Resp: 65515

Ion Ratio Lower Upper

164 100

162 109.7 78.0 117.0

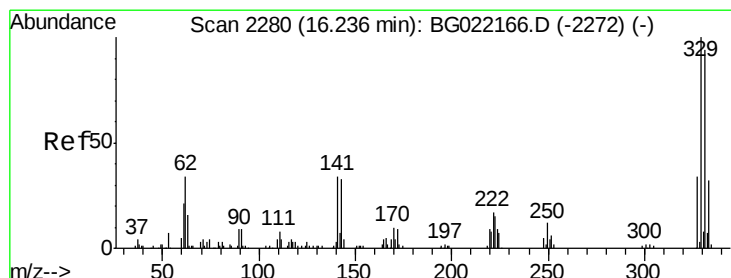
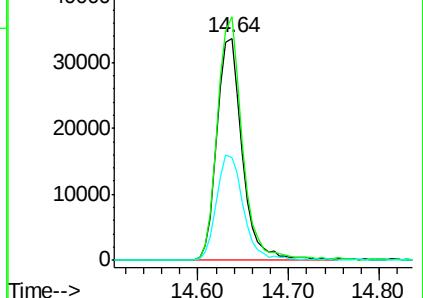
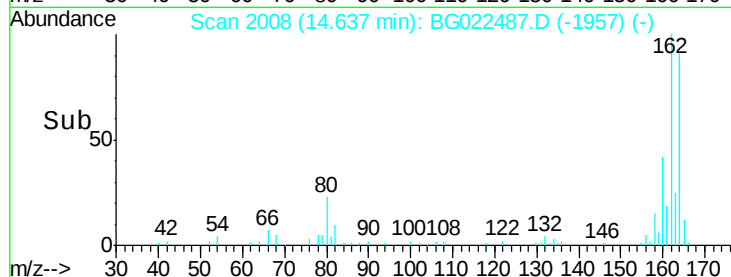
160 46.3 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 118.28 ng

RT: 16.13 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG022487.D

Acq: 22 Jun 2016 5:34

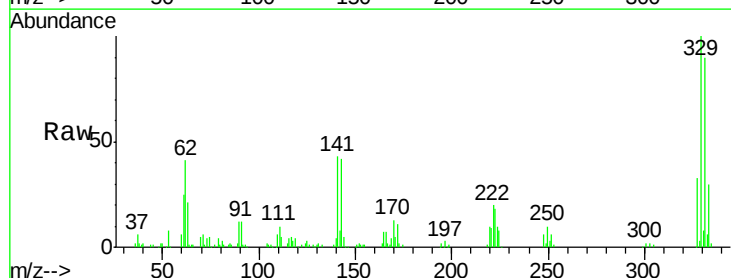
Tgt Ion:330 Resp: 87561

Ion Ratio Lower Upper

330 100

332 97.6 78.0 117.0

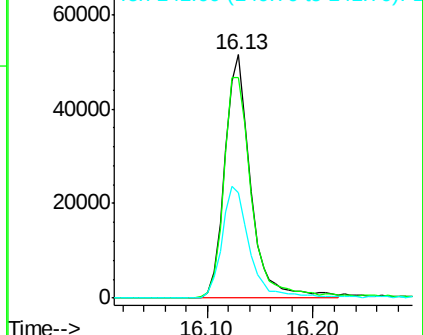
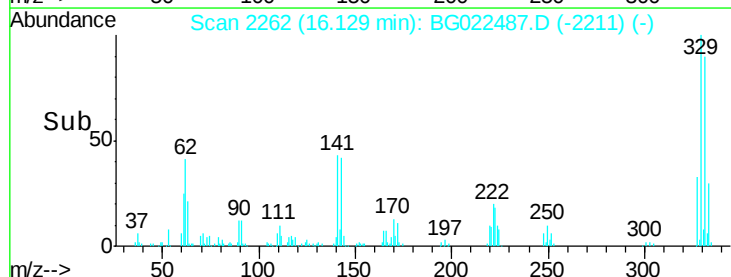
141 49.4 33.8 50.8

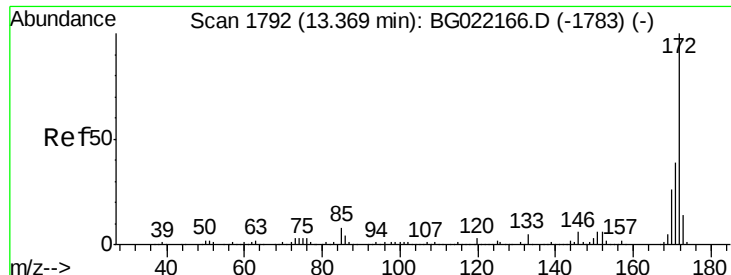


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

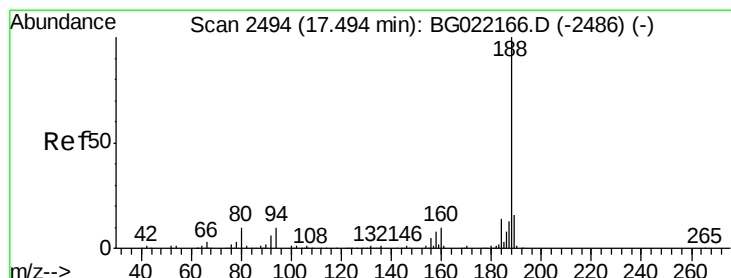
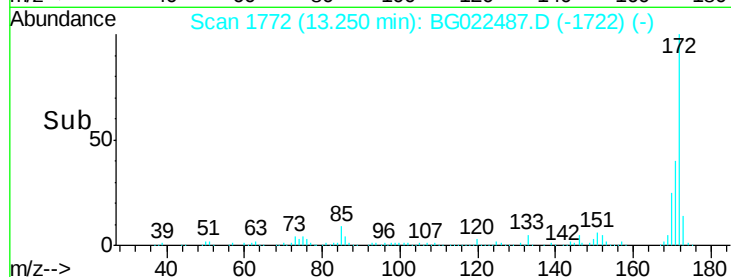
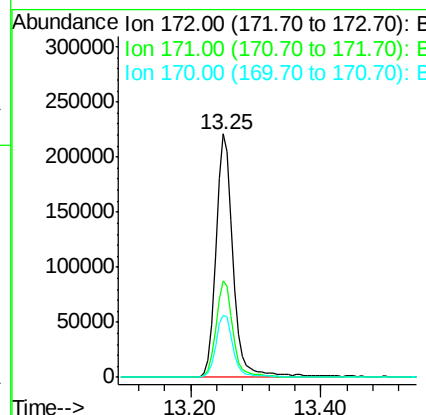
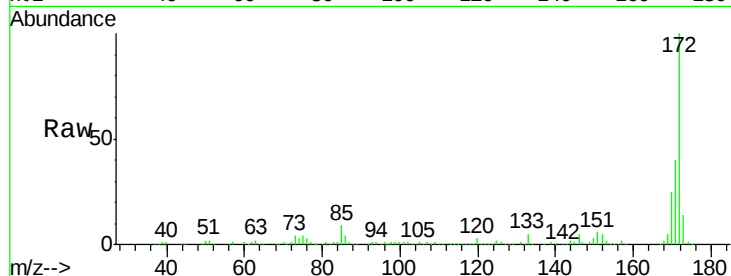




#44
 2-Fluorobiphenyl
 Concen: 93.72 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG022487.D
 Acq: 22 Jun 2016 5:34

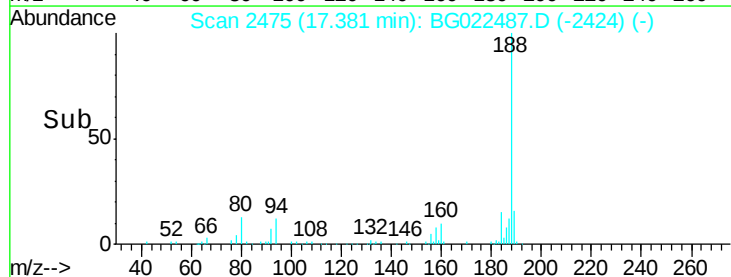
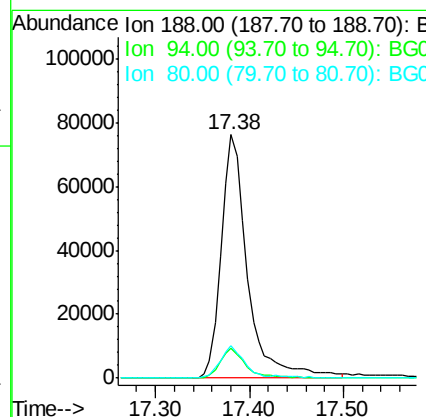
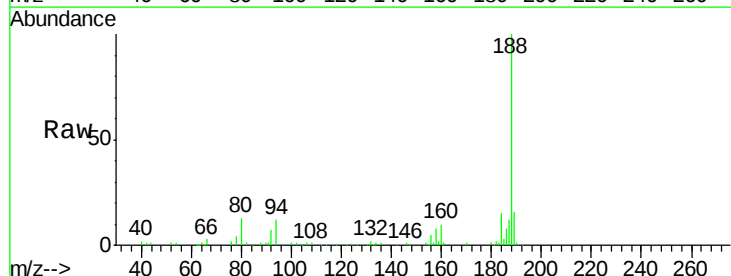
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1388(0-4)

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	27.8	41.6
170	25.3	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: BG022487.D
 Acq: 22 Jun 2016 5:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.3	7.5	11.3#
80	13.1	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: BG022487.D

Acq: 22 Jun 2016 5:34

Instrument :

BNA_G

ClientSampleId :

PM-STA-1388(0-4)

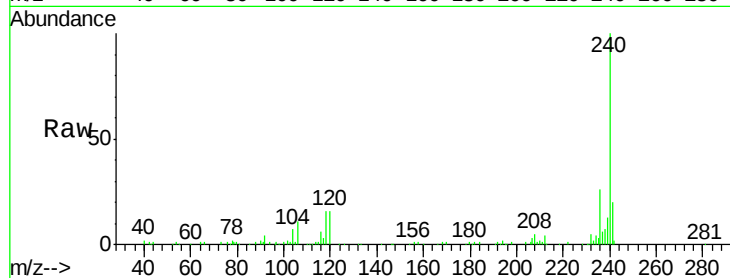
Tot Ion:240 Resp: 127319

Ion Ratio Lower Upper

240 100

120 16.4 8.4 12.6#

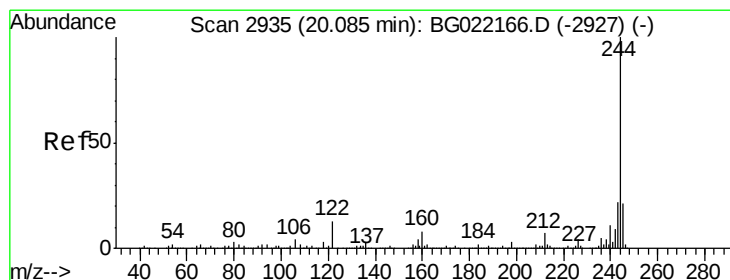
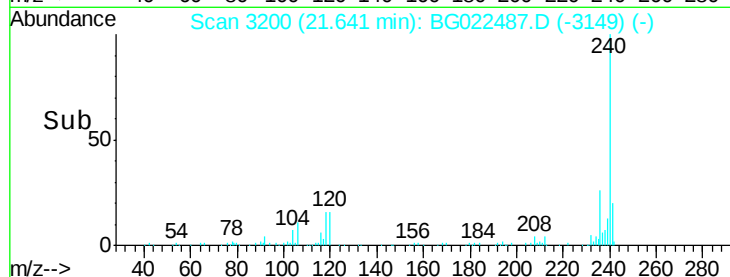
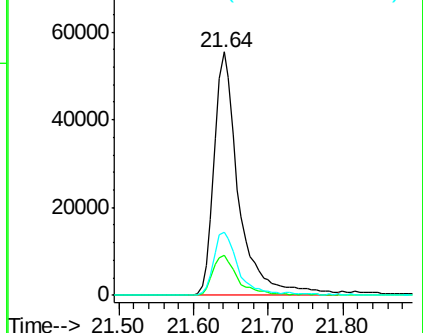
236 25.9 19.6 29.4



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: 112.84 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG022487.D

Acq: 22 Jun 2016 5:34

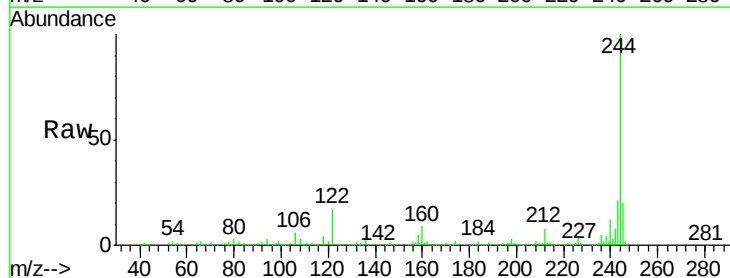
Tgt Ion:244 Resp: 605168

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

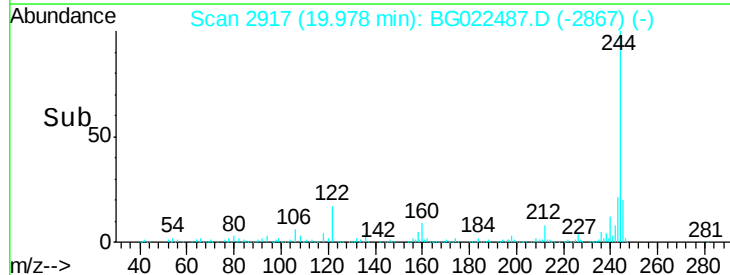
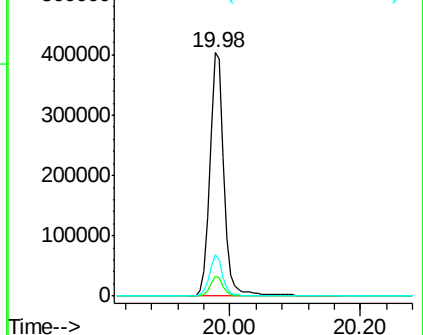
122 16.8 8.6 12.8#

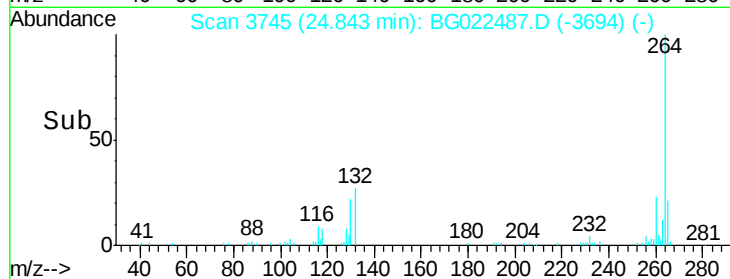
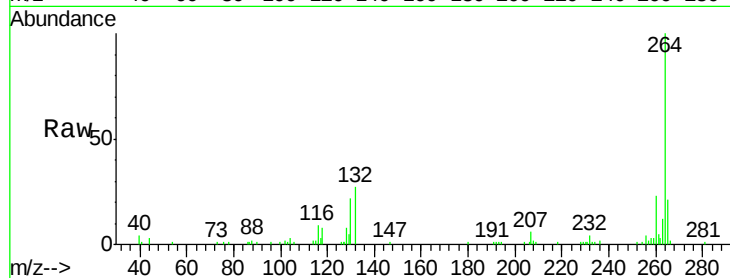
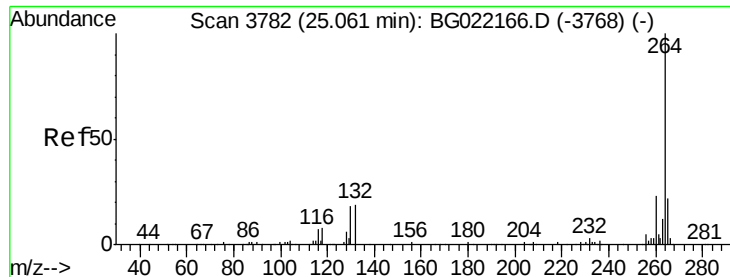


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 24.84 min Scan# 3745

Delta R.T. 0.00 min

Lab File: BG022487.D

Acq: 22 Jun 2016 5:34

Instrument :

BNA_G

ClientSampleId :

PM-STA-1388(0-4)

Tot Ion: 264 Resp: 113419

Ion Ratio Lower Upper

264 100

260 22.8 20.2 30.4

265 20.7 17.8 26.8

