

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062116\
 Data File : BG022486.D
 Acq On : 22 Jun 2016 4:54
 Operator : UM/SJ
 Sample : H3600-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1381(0-4)

Quant Time: Jun 22 07:05:31 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

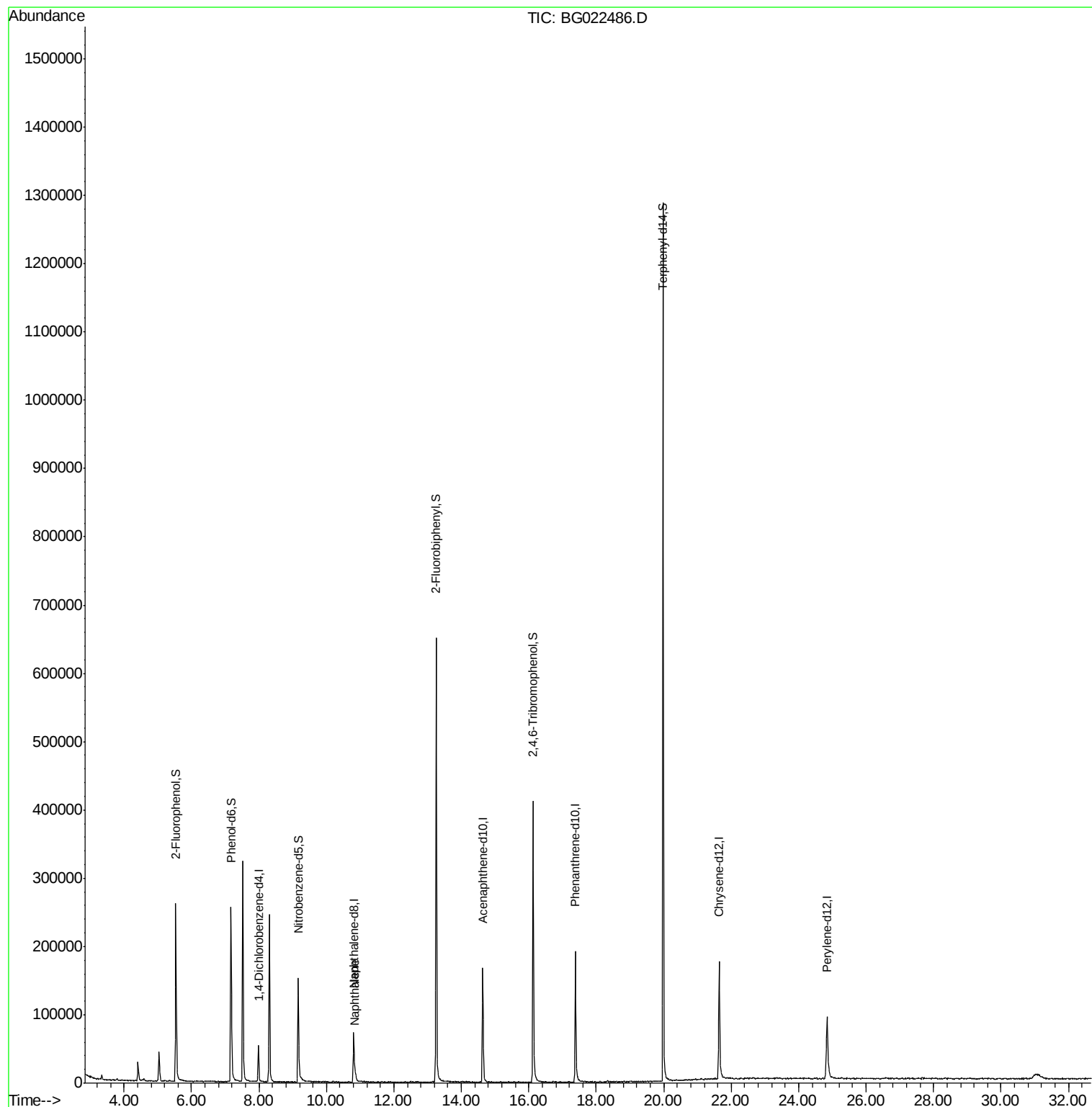
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	20610	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	99977	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	68722	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	155077	20.00	ng	0.00
75) Chrysene-d12	21.64	240	131366	20.00	ng	0.00
86) Perylene-d12	24.84	264	106336	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	184165	172.77	ng	0.00
7) Phenol-d6	7.17	99	249659	148.96	ng	0.00
23) Nitrobenzene-d5	9.17	82	145055	101.15	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	91028	117.22	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	419818	93.10	ng	0.00
78) Terphenyl-d14	19.98	244	606775	109.66	ng	0.00
Target Compounds						
31) Naphthalene	10.86	128	11938	2.39	ng	Qvalue # 93

(#) = 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: BG022486.D

Acq: 22 Jun 2016 4:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1381(0-4)

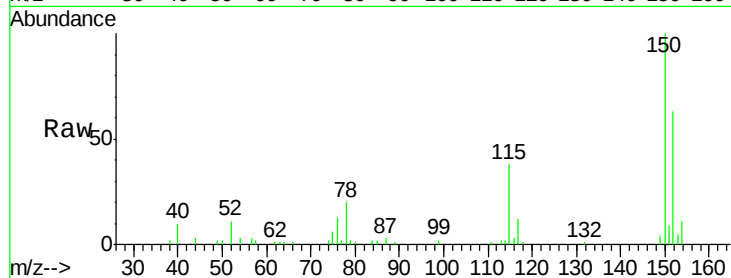
Tgt Ion:152 Resp: 20610

Ion Ratio Lower Upper

152 100

150 158.3 130.1 195.1

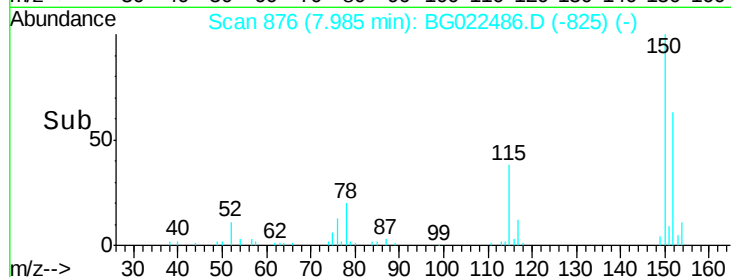
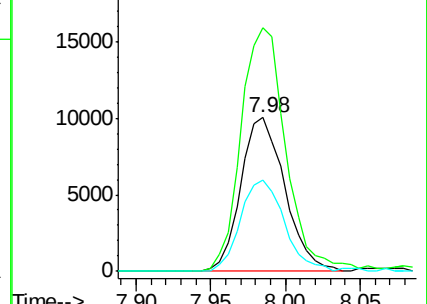
115 59.7 62.2 93.2#



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: 172.77 ng

RT: 5.53 min Scan# 459

Delta R.T. -0.00 min

Lab File: BG022486.D

Acq: 22 Jun 2016 4:54

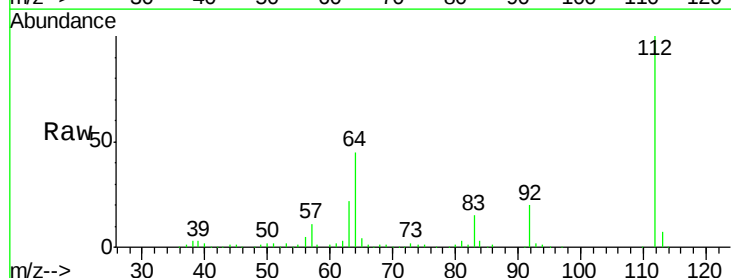
Tgt Ion:112 Resp: 184165

Ion Ratio Lower Upper

112 100

64 45.2 51.1 76.7#

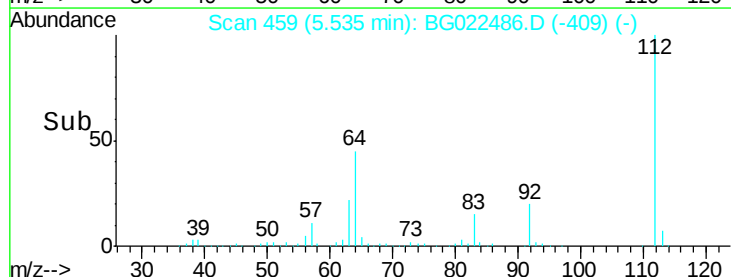
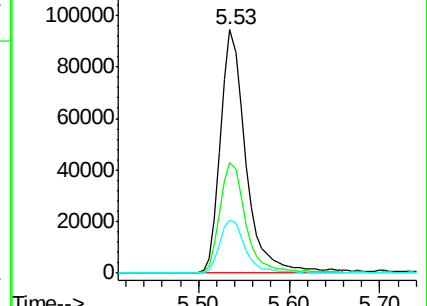
63 21.7 24.6 37.0#



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: 148.96 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG022486.D

Acq: 22 Jun 2016 4:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1381(0-4)

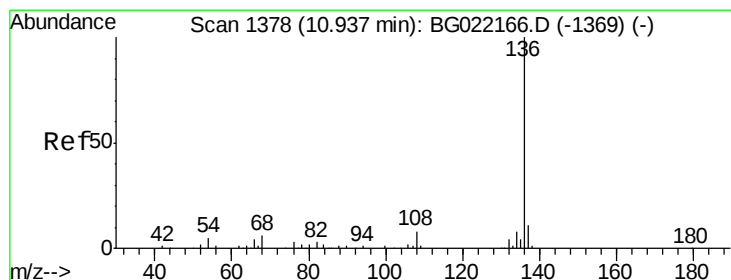
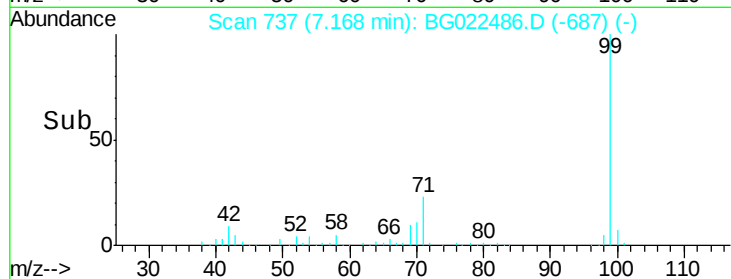
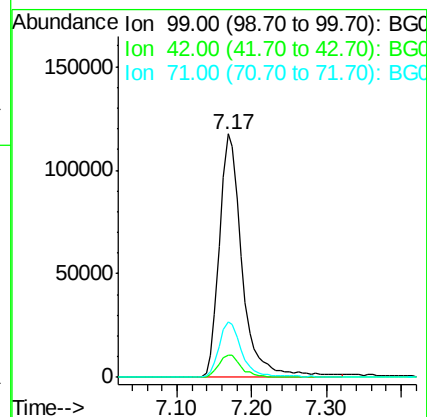
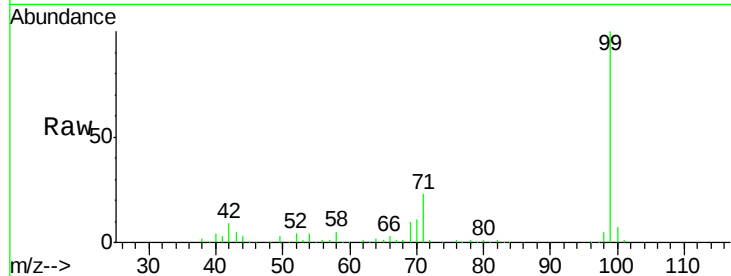
Tgt Ion: 99 Resp: 249659

Ion Ratio Lower Upper

99 100

42 8.9 16.4 24.6#

71 22.7 25.0 37.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BG022486.D

Acq: 22 Jun 2016 4:54

Tgt Ion: 136 Resp: 99977

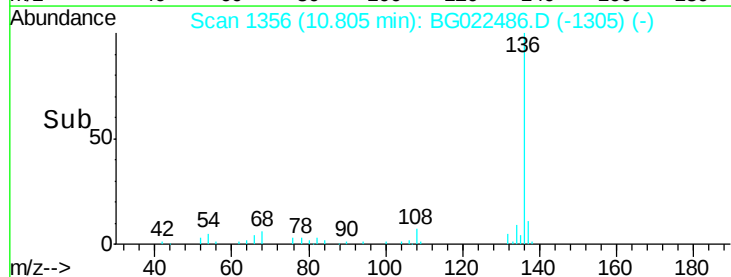
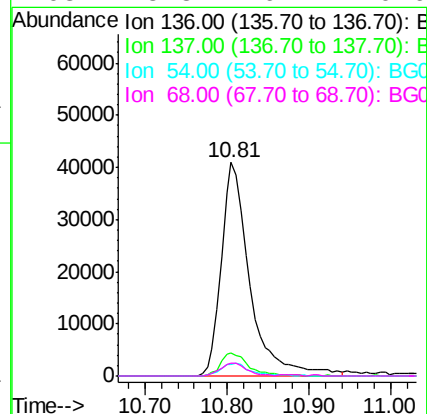
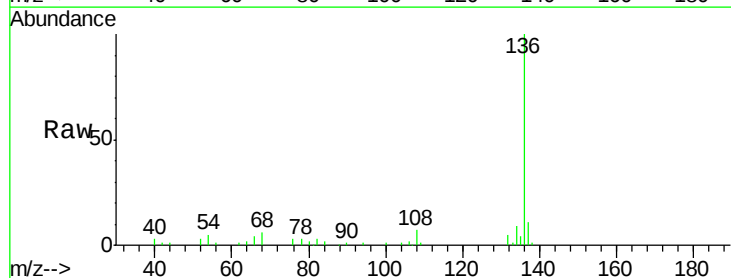
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.1 9.6 14.4#

68 5.8 6.4 9.6#

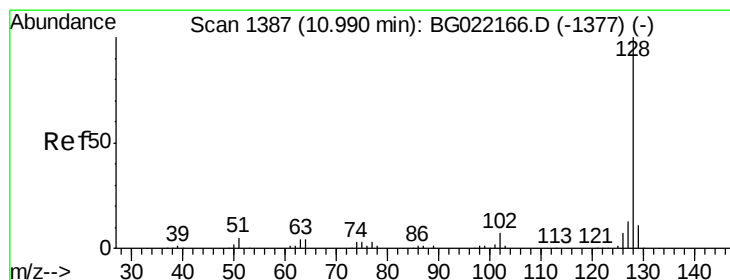
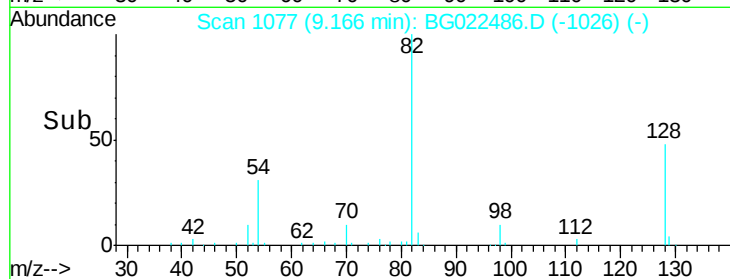
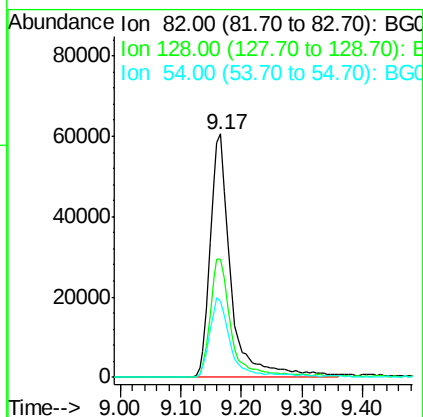
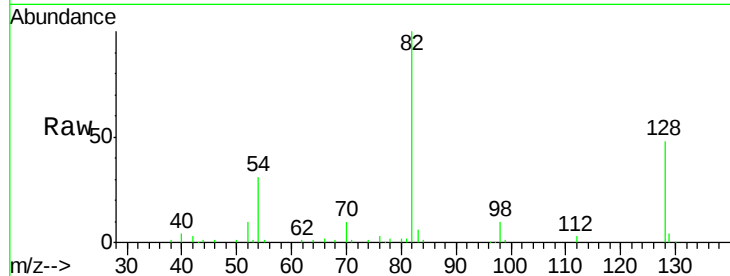




#23
Nitrobenzene-d5
Concen: 101.15 ng
RT: 9.17 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BG022486.D
Acq: 22 Jun 2016 4:54

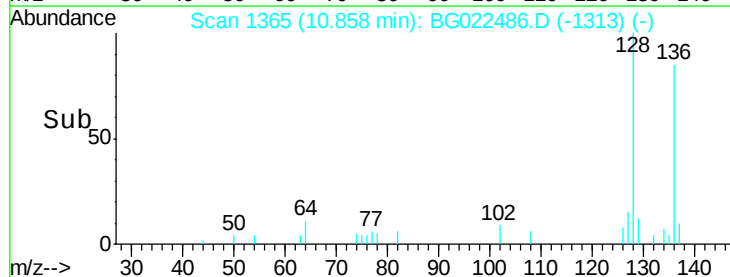
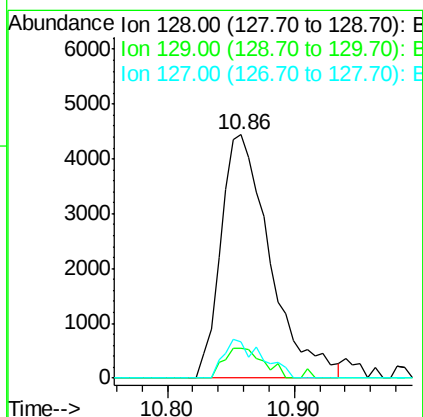
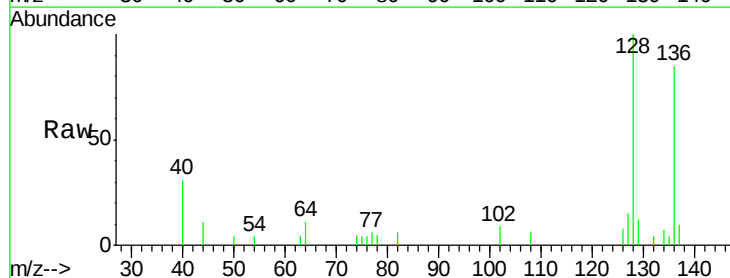
Instrument :
BNA_G
ClientSampleId :
PM-STA-1381(0-4)

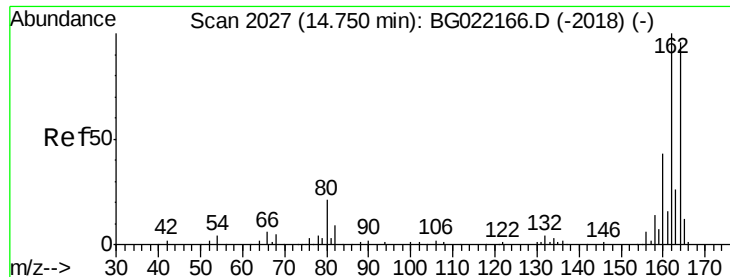
Tgt Ion: 82 Resp: 145055
Ion Ratio Lower Upper
82 100
128 48.5 33.4 50.0
54 31.4 46.1 69.1#



#31
Naphthalene
Concen: 2.39 ng
RT: 10.86 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BG022486.D
Acq: 22 Jun 2016 4:54

Tgt Ion: 128 Resp: 11938
Ion Ratio Lower Upper
128 100
129 12.1 7.0 10.6#
127 14.7 10.1 15.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG022486.D

Acq: 22 Jun 2016 4:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1381(0-4)

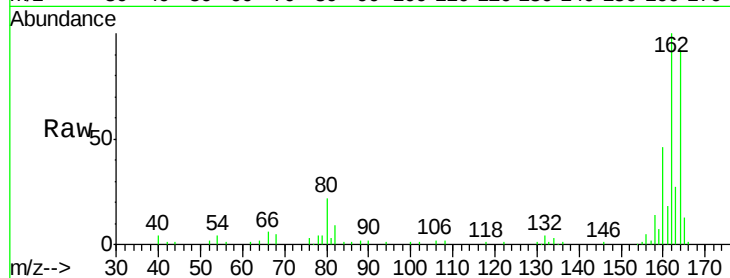
Tgt Ion:164 Resp: 68722

Ion Ratio Lower Upper

164 100

162 108.3 78.0 117.0

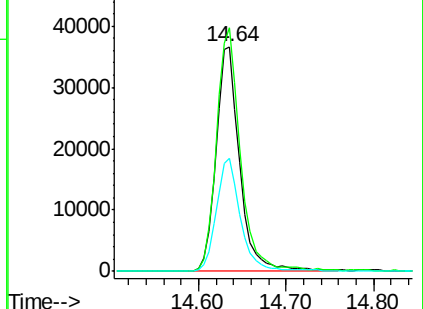
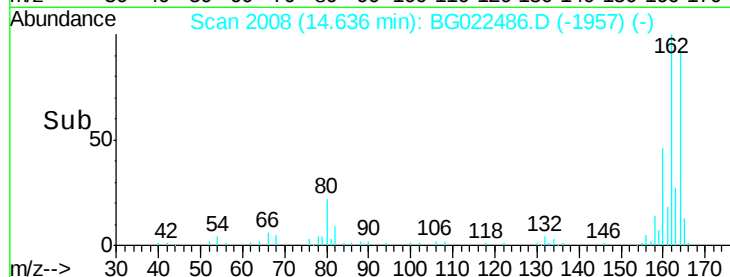
160 50.1 32.9 49.3#



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: 117.22 ng

RT: 16.13 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG022486.D

Acq: 22 Jun 2016 4:54

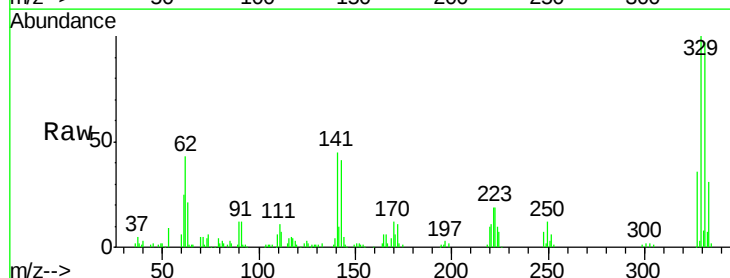
Tgt Ion:330 Resp: 91028

Ion Ratio Lower Upper

330 100

332 95.7 78.0 117.0

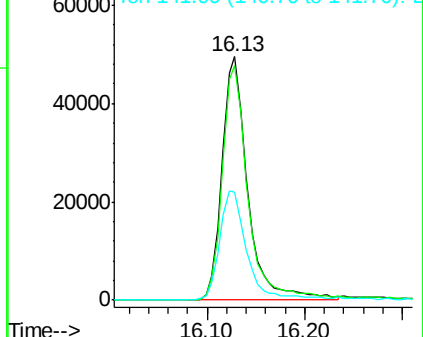
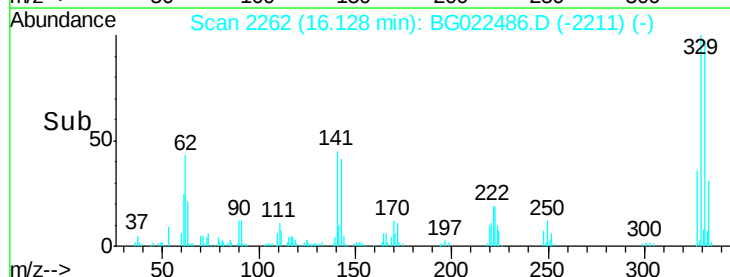
141 47.0 33.8 50.8

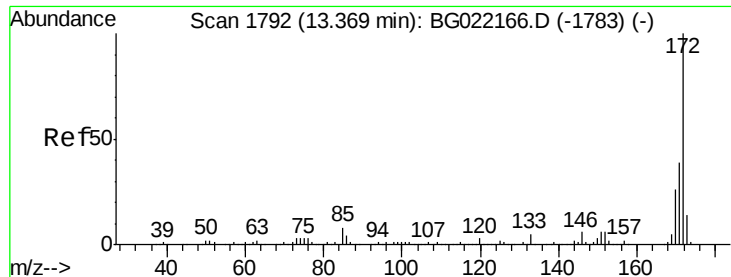


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

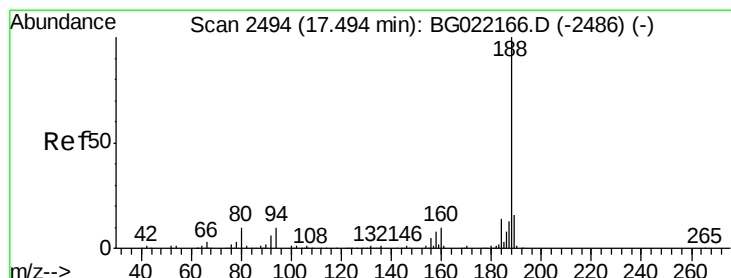
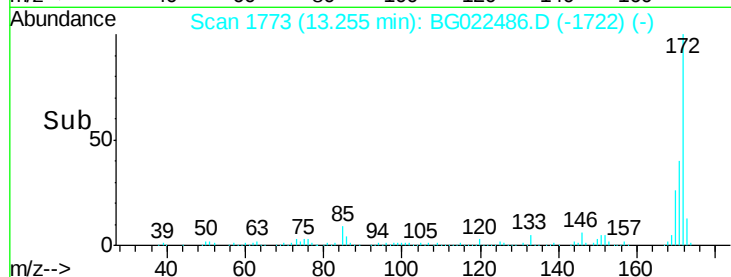
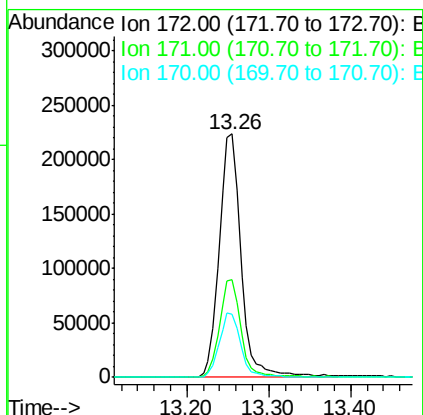
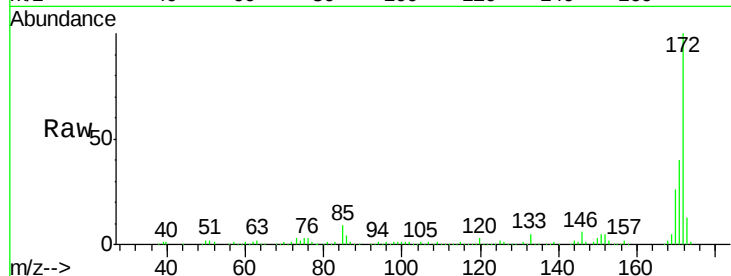




#44
 2-Fluorobiphenyl
 Concen: 93.10 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG022486.D
 Acq: 22 Jun 2016 4:54

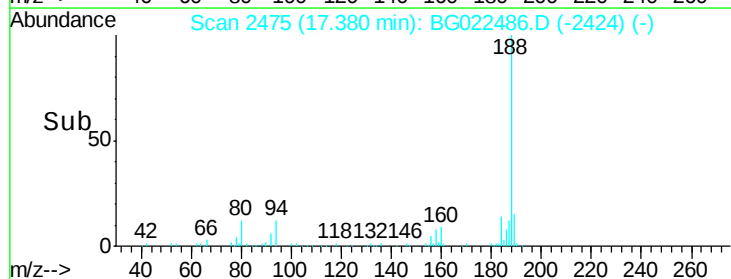
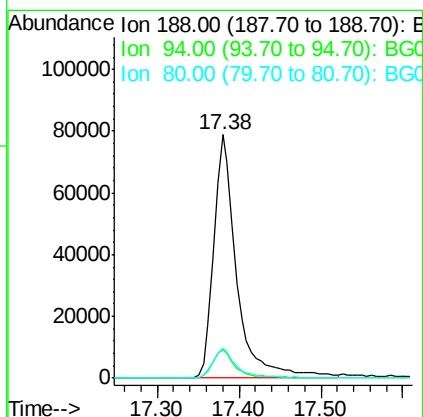
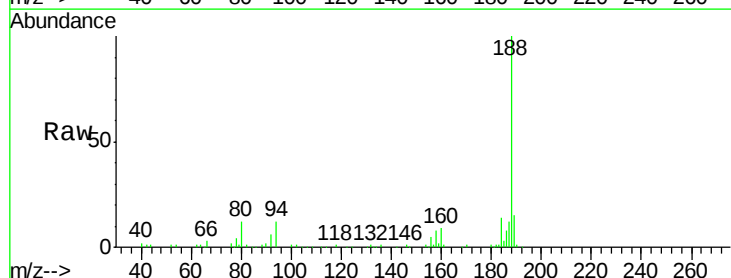
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1381(0-4)

Tgt Ion:172 Resp: 419818
 Ion Ratio Lower Upper
 172 100
 171 40.3 27.8 41.6
 170 26.0 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: BG022486.D
 Acq: 22 Jun 2016 4:54

Tgt Ion:188 Resp: 155077
 Ion Ratio Lower Upper
 188 100
 94 11.9 7.5 11.3#
 80 12.1 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: BG022486.D

Acq: 22 Jun 2016 4:54

Instrument :

BNA_G

ClientSampleId :

PM-STA-1381(0-4)

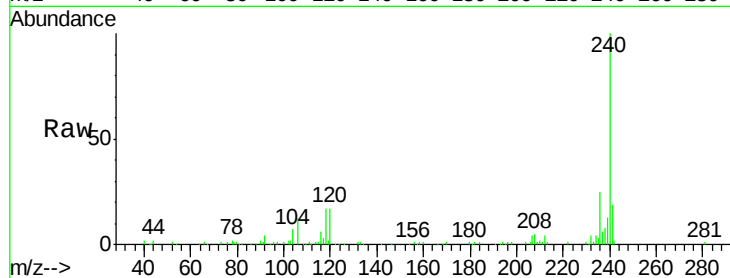
Tgt Ion:240 Resp: 131366

Ion Ratio Lower Upper

240 100

120 16.8 8.4 12.6#

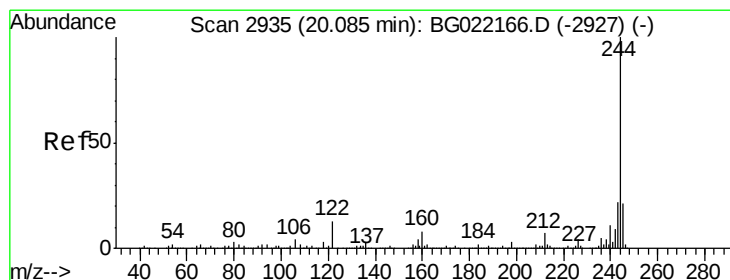
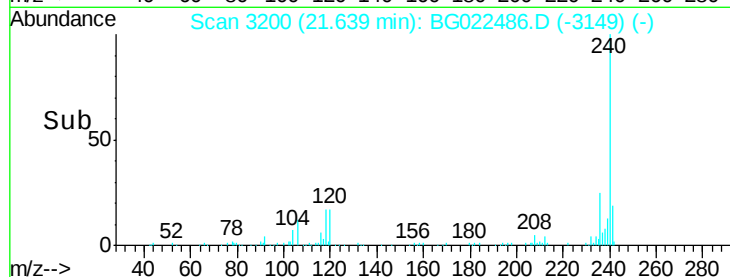
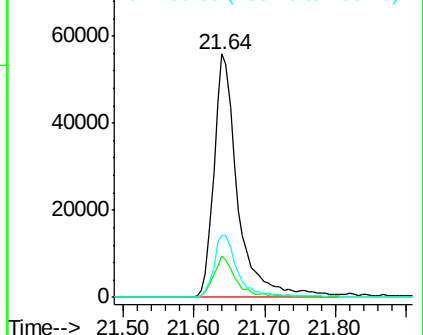
236 25.4 19.6 29.4



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: 109.66 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG022486.D

Acq: 22 Jun 2016 4:54

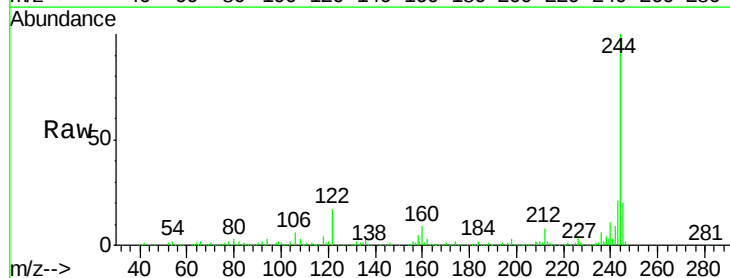
Tgt Ion:244 Resp: 606775

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

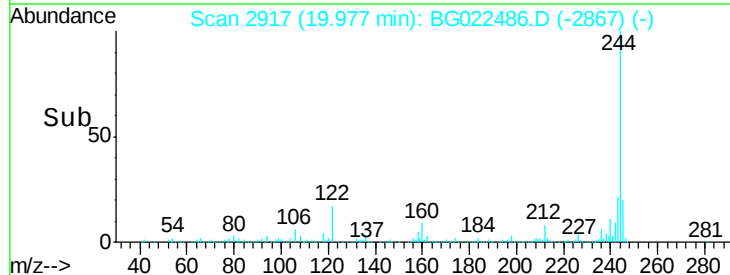
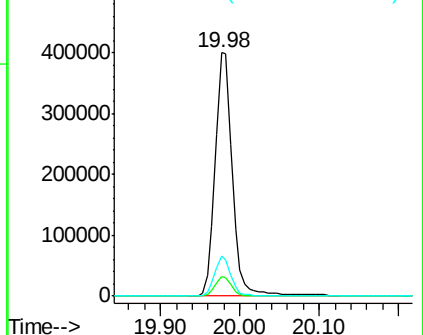
122 16.6 8.6 12.8#

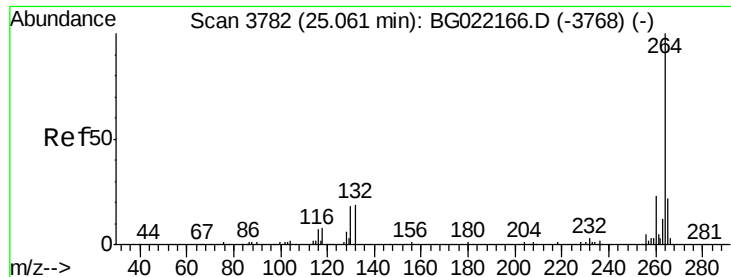


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG022486.D
Acq: 22 Jun 2016 4:54

Instrument :
BNA_G
ClientSampleId :
PM-STA-1381(0-4)

Tgt Ion: 264 Resp: 106336
Ion Ratio Lower Upper
264 100
260 25.1 20.2 30.4
265 22.8 17.8 26.8

