

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022483.D
 Acq On : 22 Jun 2016 2:14
 Operator : UM/SJ
 Sample : H3600-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1375(0-4)

Quant Time: Jun 22 03:11:56 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

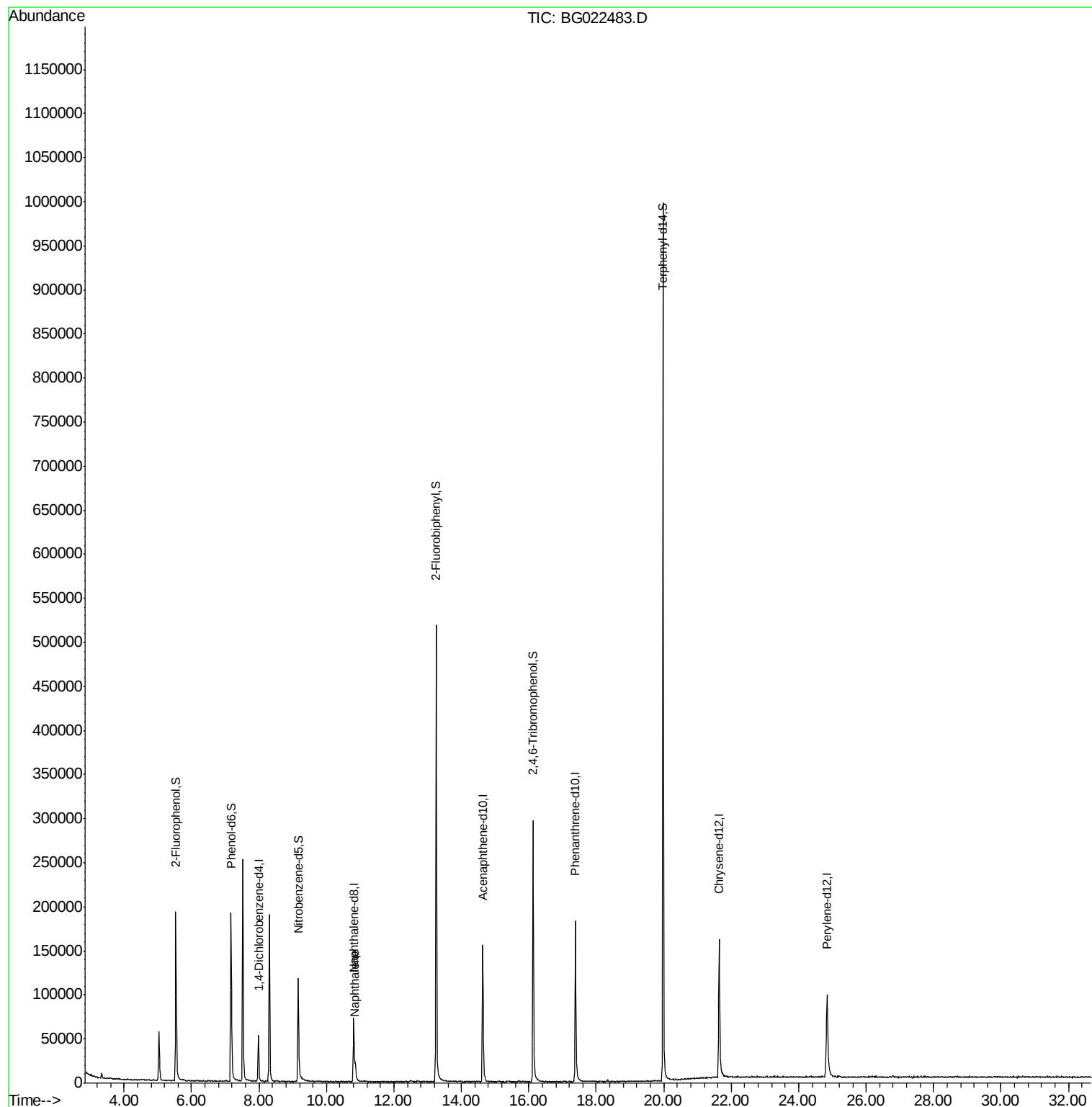
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	19975	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	95521	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	65581	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	150906	20.00	ng	0.00
75) Chrysene-d12	21.64	240	124951	20.00	ng	0.00
86) Perylene-d12	24.84	264	108509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	138716	134.27	ng	0.00
7) Phenol-d6	7.17	99	191838	118.10	ng	0.00
23) Nitrobenzene-d5	9.16	82	114034	83.23	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	65883	88.91	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	334383	77.70	ng	0.00
78) Terphenyl-d14	19.98	244	479694	91.14	ng	0.00
Target Compounds						
31) Naphthalene	10.86	128	22685	4.76	ng	Qvalue # 92

(#) = 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: BG022483.D

Acq: 22 Jun 2016 2:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1375(0-4)

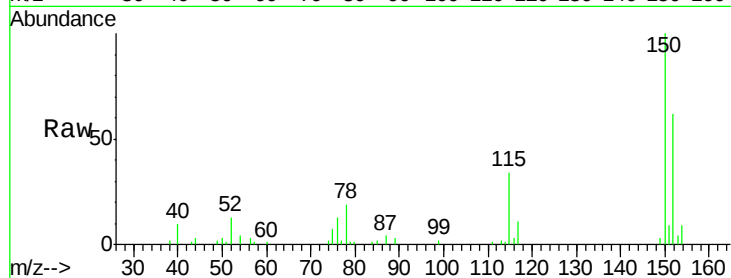
Tot Ion:152 Resp: 19975

Ion Ratio Lower Upper

152 100

150 160.8 130.1 195.1

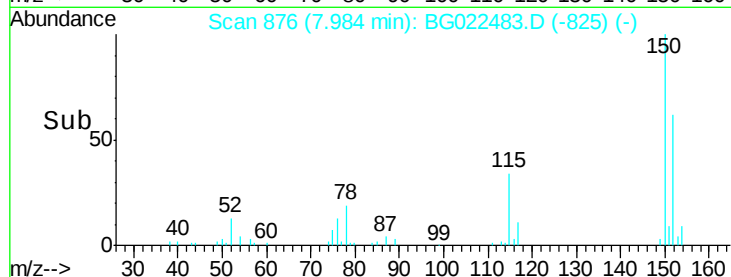
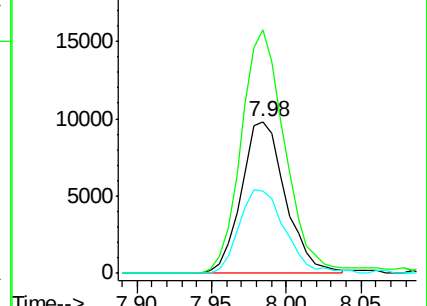
115 54.4 62.2 93.2#



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: 134.27 ng

RT: 5.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BG022483.D

Acq: 22 Jun 2016 2:14

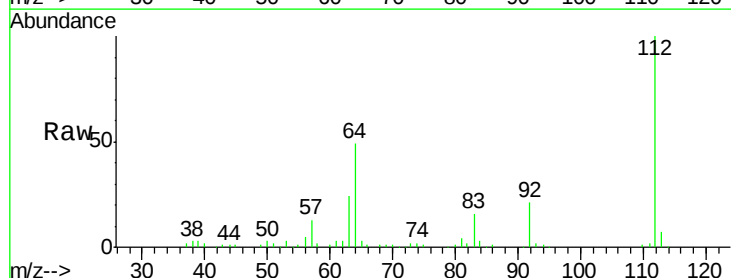
Tgt Ion:112 Resp: 138716

Ion Ratio Lower Upper

112 100

64 48.6 51.1 76.7#

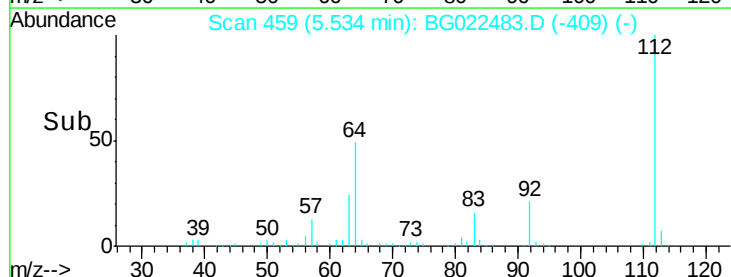
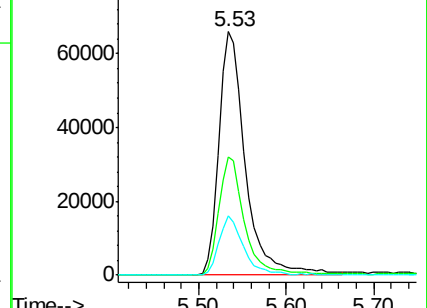
63 24.2 24.6 37.0#



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: 118.10 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG022483.D

Acq: 22 Jun 2016 2:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1375(0-4)

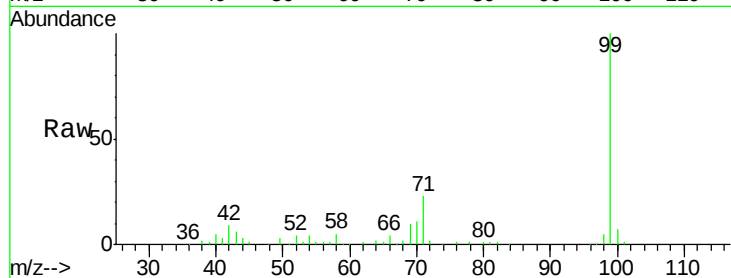
Tot Ion: 99 Resp: 191838

Ion Ratio Lower Upper

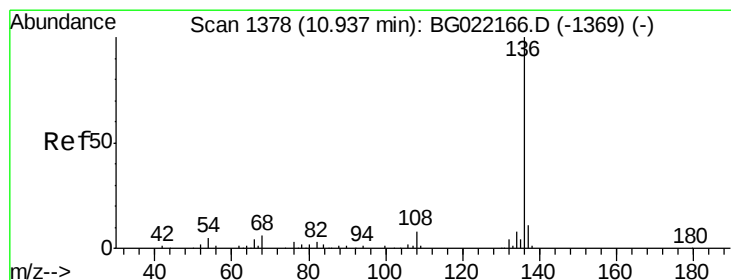
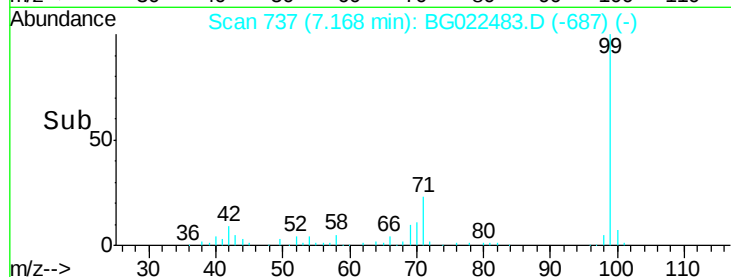
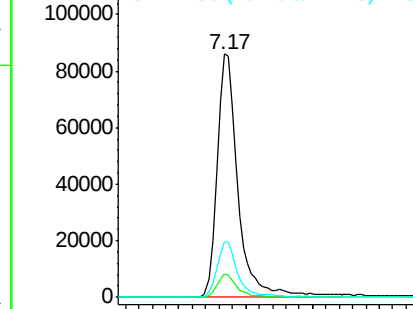
99 100

42 9.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BG022483.D

Acq: 22 Jun 2016 2:14

Tgt Ion: 136 Resp: 95521

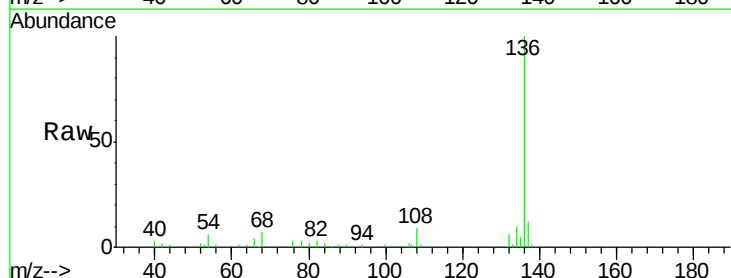
Ion Ratio Lower Upper

136 100

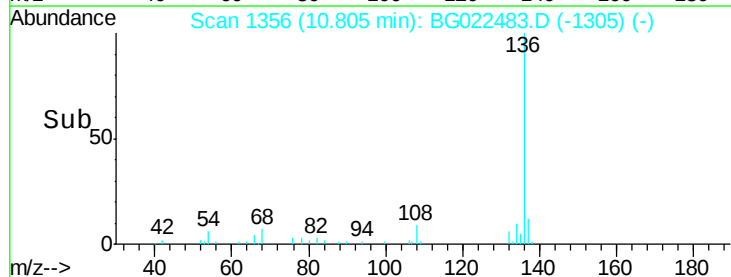
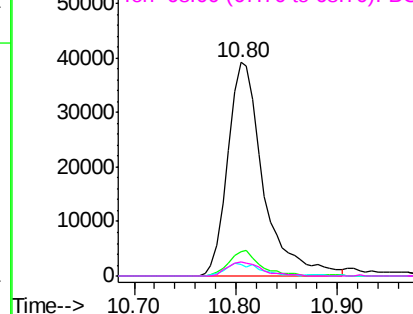
137 11.6 9.0 13.4

54 5.7 9.6 14.4#

68 6.6 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

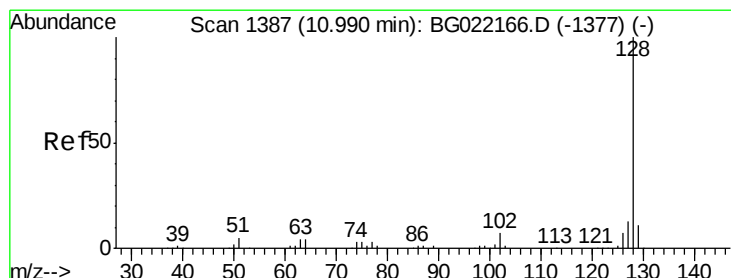
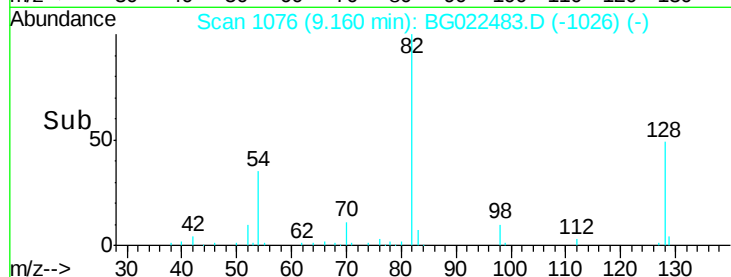
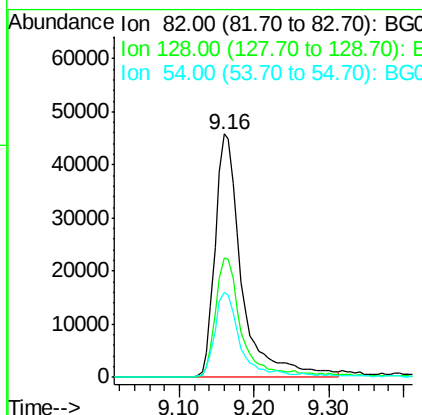
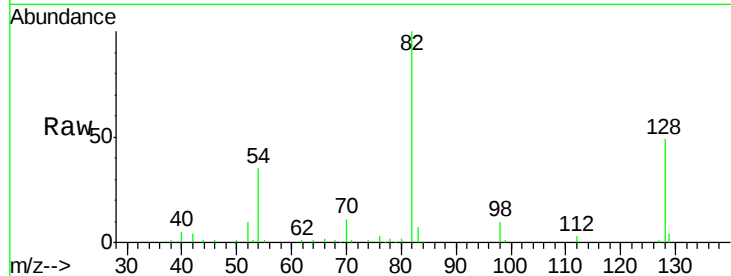




#23
 Nitrobenzene-d5
 Concen: 83.23 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BG022483.D
 Acq: 22 Jun 2016 2:14

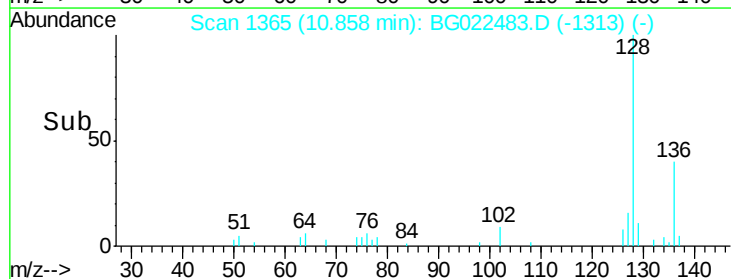
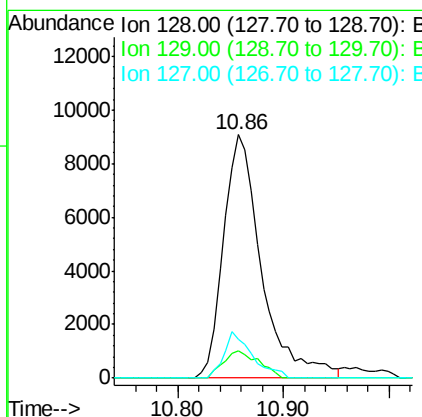
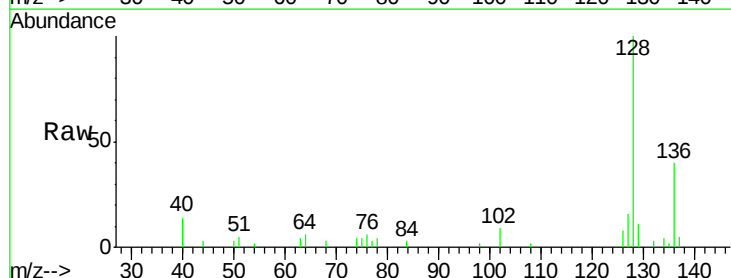
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1375(0-4)

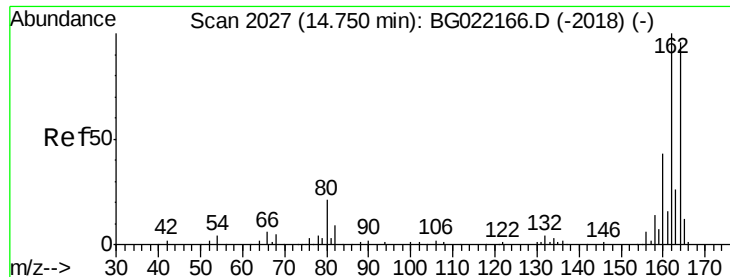
Tot Ion: 82 Resp: 114034
 Ion Ratio Lower Upper
 82 100
 128 49.2 33.4 50.0
 54 34.9 46.1 69.1#



#31
 Naphthalene
 Concen: 4.76 ng
 RT: 10.86 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BG022483.D
 Acq: 22 Jun 2016 2:14

Tgt Ion: 128 Resp: 22685
 Ion Ratio Lower Upper
 128 100
 129 11.2 7.0 10.6#
 127 16.1 10.1 15.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG022483.D

Acq: 22 Jun 2016 2:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1375(0-4)

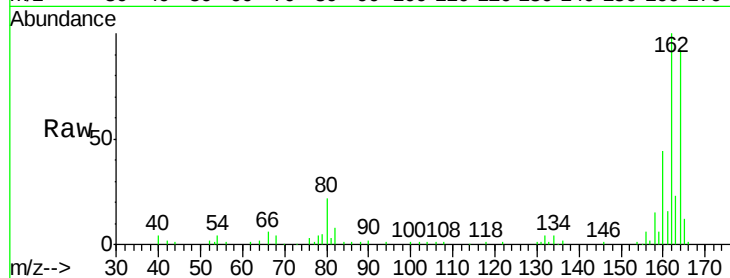
Tot Ion:164 Resp: 65581

Ion Ratio Lower Upper

164 100

162 108.4 78.0 117.0

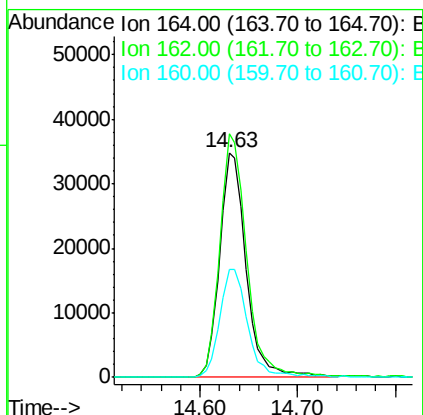
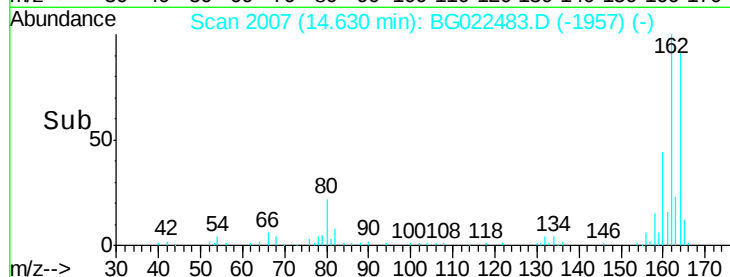
160 48.0 32.9 49.3



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: 88.91 ng

RT: 16.13 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG022483.D

Acq: 22 Jun 2016 2:14

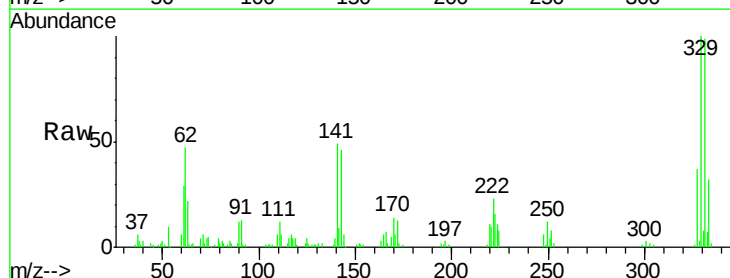
Tgt Ion:330 Resp: 65883

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

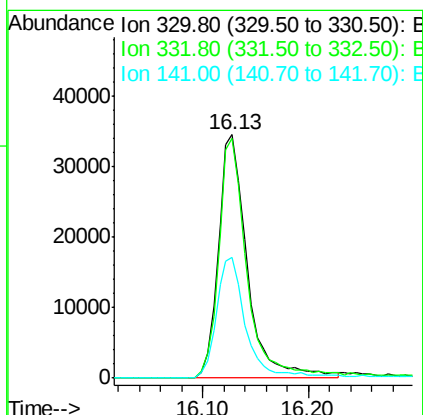
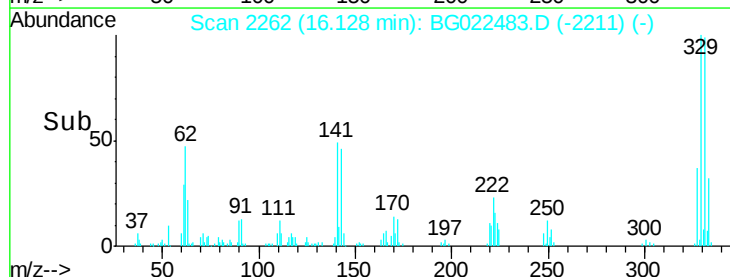
141 49.7 33.8 50.8

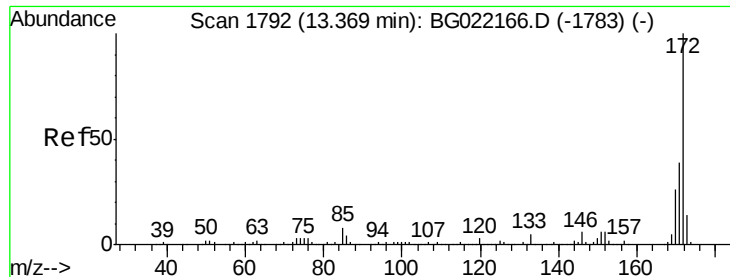


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

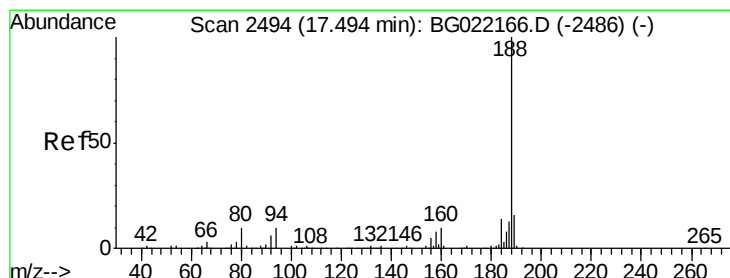
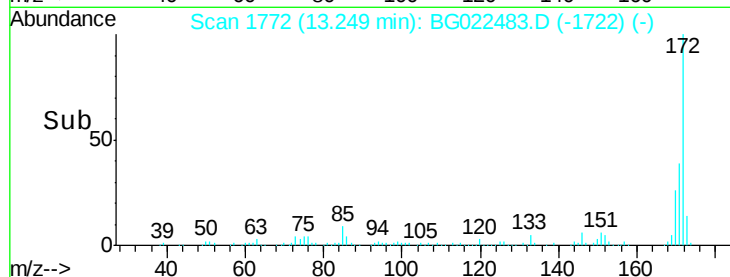
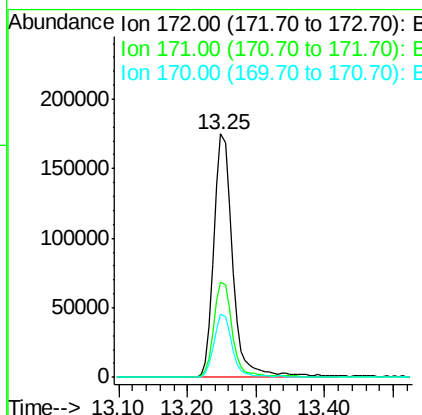
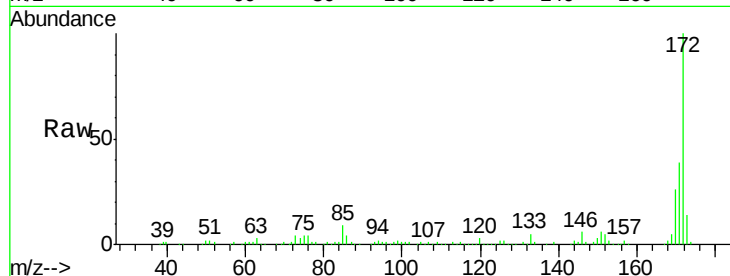




#44
 2-Fluorobiphenyl
 Concen: 77.70 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG022483.D
 Acq: 22 Jun 2016 2:14

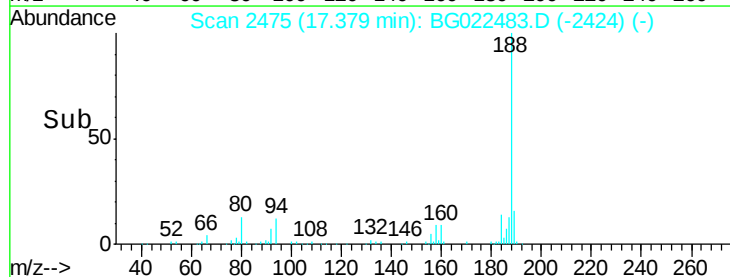
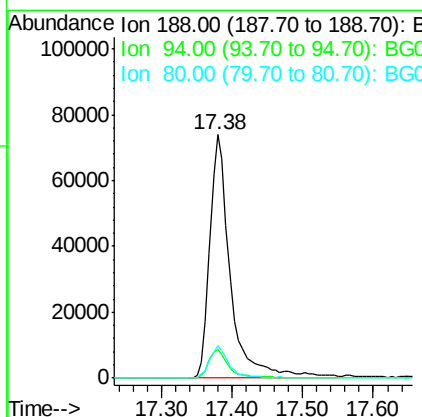
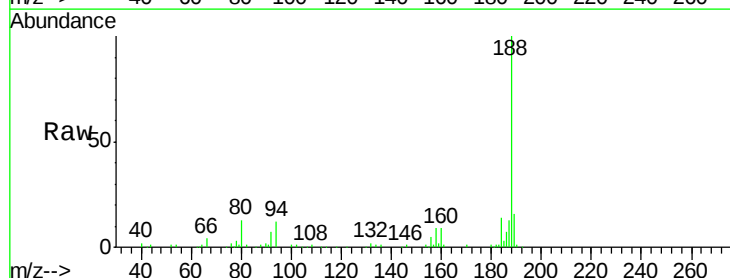
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1375(0-4)

Tot Ion:172 Resp: 334383
 Ion Ratio Lower Upper
 172 100
 171 39.0 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: BG022483.D
 Acq: 22 Jun 2016 2:14

Tgt Ion:188 Resp: 150906
 Ion Ratio Lower Upper
 188 100
 94 11.6 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: BG022483.D

Acq: 22 Jun 2016 2:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1375(0-4)

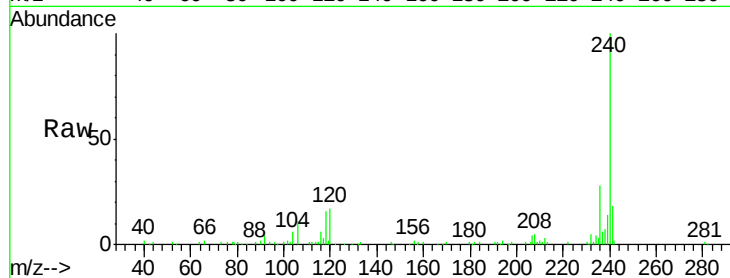
Tot Ion:240 Resp: 124951

Ion Ratio Lower Upper

240 100

120 16.8 8.4 12.6#

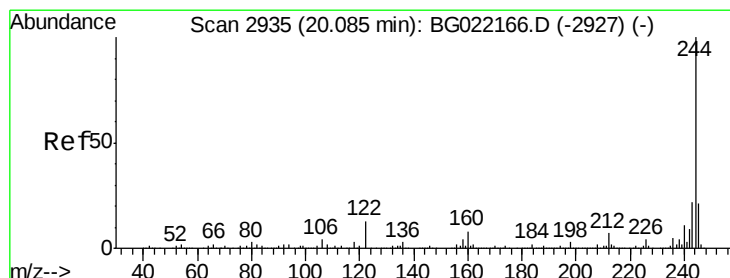
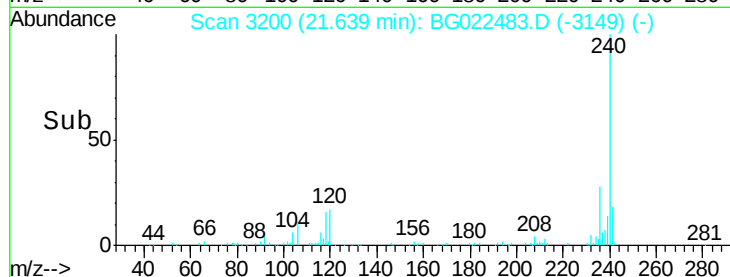
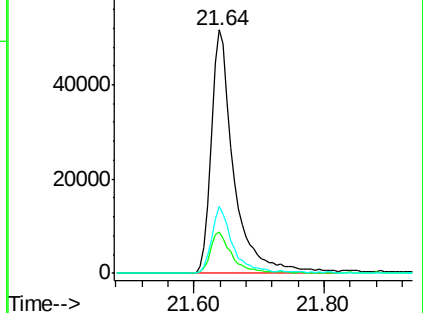
236 27.6 19.6 29.4



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: 91.14 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG022483.D

Acq: 22 Jun 2016 2:14

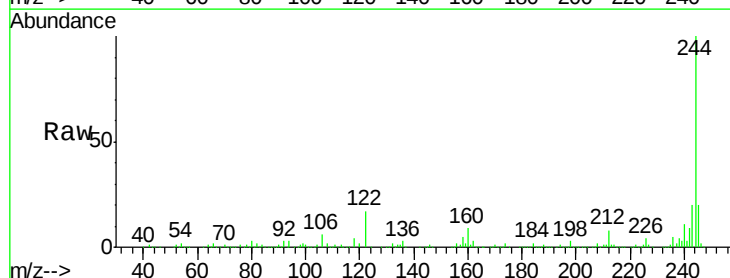
Tgt Ion:244 Resp: 479694

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

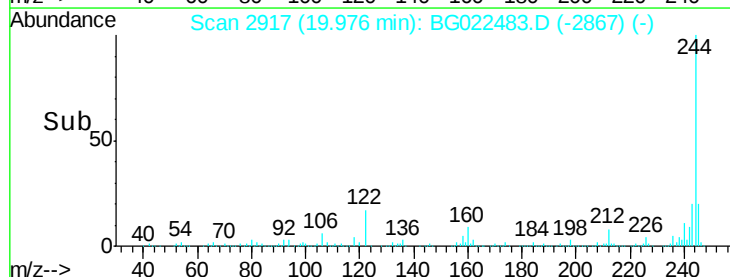
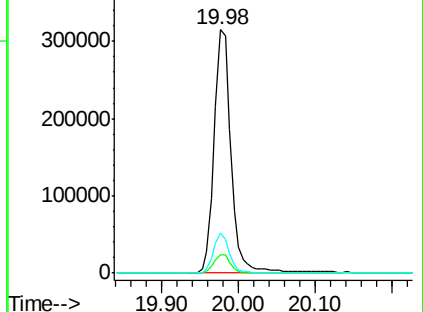
122 16.7 8.6 12.8#

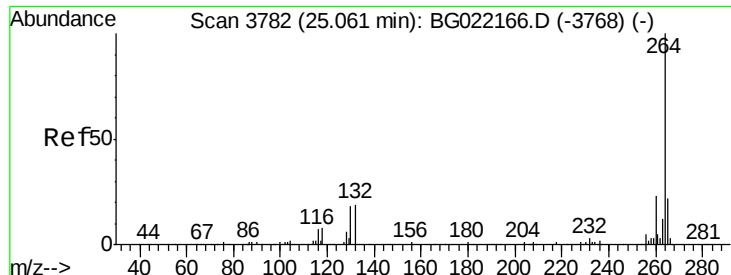


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

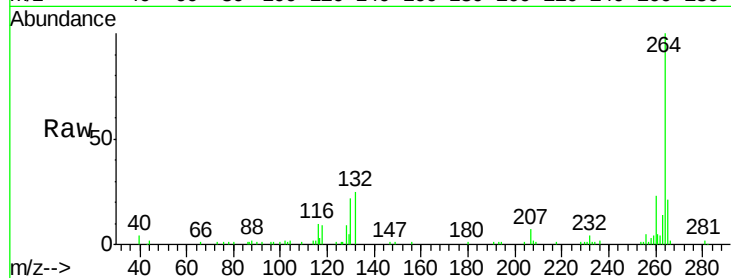




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.84 min Scan# 3745
 Delta R.T. 0.00 min
 Lab File: BG022483.D
 Acq: 22 Jun 2016 2:14

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1375(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.2	30.4
265	20.7	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

