

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022405.D
 Acq On : 18 Jun 2016 2:34
 Operator : UM/SJ
 Sample : H3514-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S5-B2(8-15)C

Quant Time: Jun 18 04:22:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

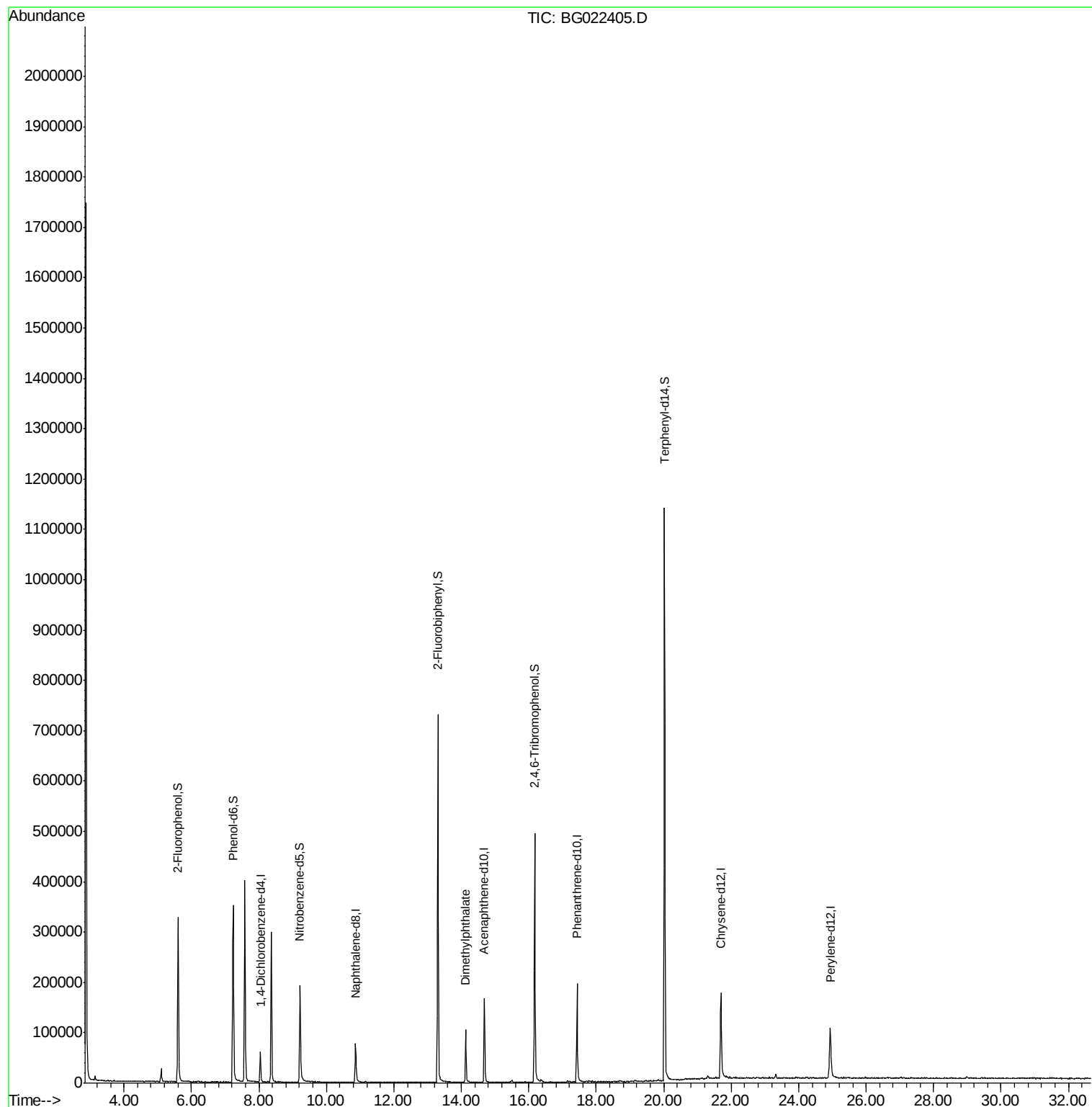
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	21418	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	104439	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	67744	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	146278	20.00	ng	-0.04
75) Chrysene-d12	21.70	240	132799	20.00	ng	-0.04
86) Perylene-d12	24.94	264	120452	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	220450	199.01	ng	-0.03
7) Phenol-d6	7.24	99	317977	182.57	ng	-0.01
23) Nitrobenzene-d5	9.22	82	168264	112.32	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	109714	143.33	ng	-0.04
44) 2-Fluorobiphenyl	13.31	172	460109	103.50	ng	-0.04
78) Terphenyl-d14	20.02	244	578986	103.51	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.13	163	97132	17.29	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.05 min

Lab File: BG022405.D

Acq: 18 Jun 2016 2:34

Instrument :

BNA_G

ClientSampleId :

S5-B2(8-15)C

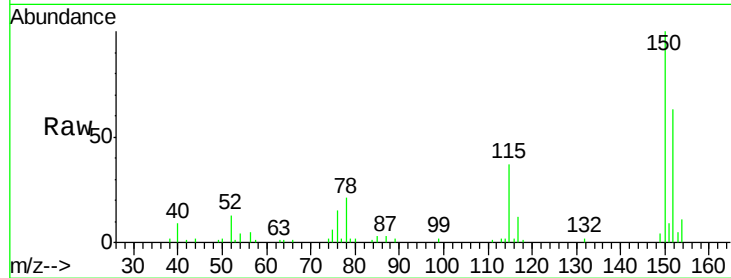
Tot Ion:152 Resp: 21418

Ion Ratio Lower Upper

152 100

150 157.8 130.1 195.1

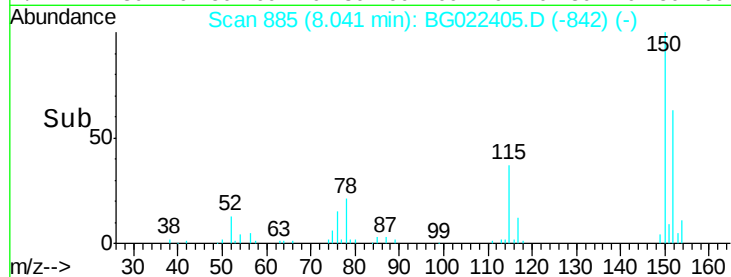
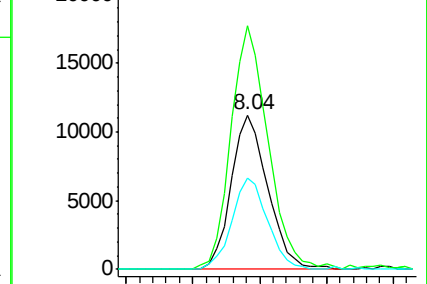
115 59.0 62.2 93.2#



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: 199.01 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.03 min

Lab File: BG022405.D

Acq: 18 Jun 2016 2:34

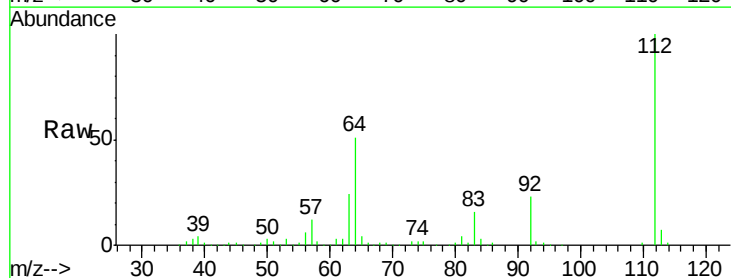
Tgt Ion:112 Resp: 220450

Ion Ratio Lower Upper

112 100

64 50.6 51.1 76.7#

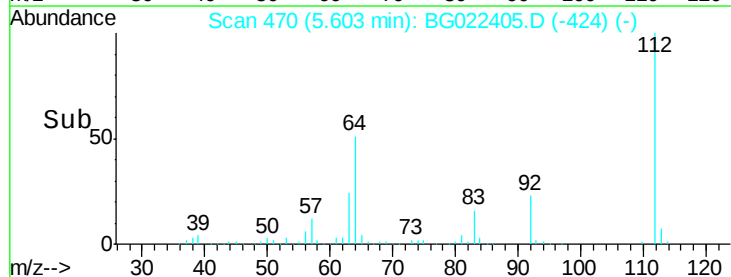
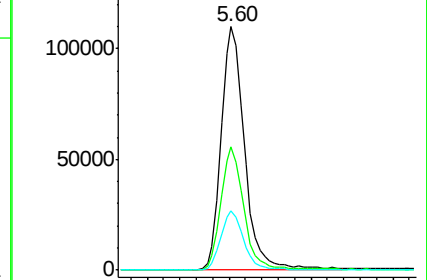
63 24.2 24.6 37.0#



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: 182.57 ng

RT: 7.24 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG022405.D

Acq: 18 Jun 2016 2:34

Instrument :

BNA_G

ClientSampleId :

S5-B2(8-15)C

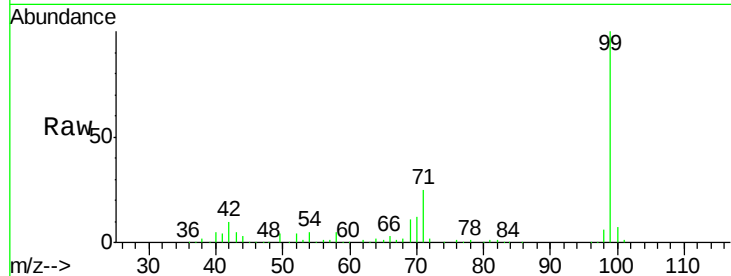
Tot Ion: 99 Resp: 317977

Ion Ratio Lower Upper

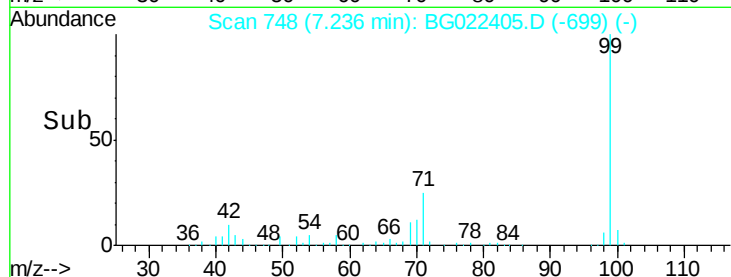
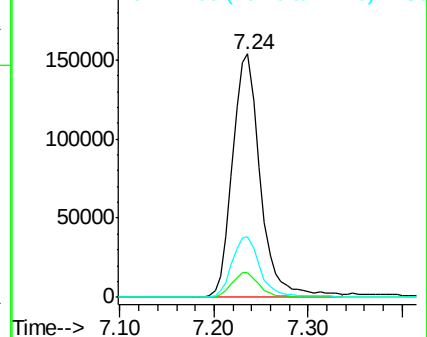
99 100

42 10.1 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: 10.86 min Scan# 1365

Delta R.T. -0.04 min

Lab File: BG022405.D

Acq: 18 Jun 2016 2:34

Tgt Ion: 136 Resp: 104439

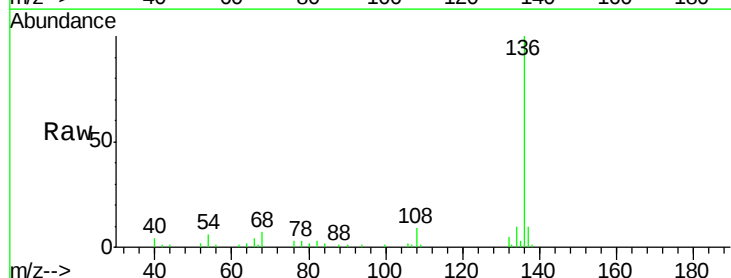
Ion Ratio Lower Upper

136 100

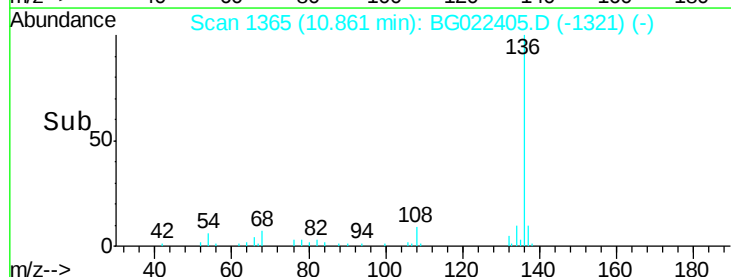
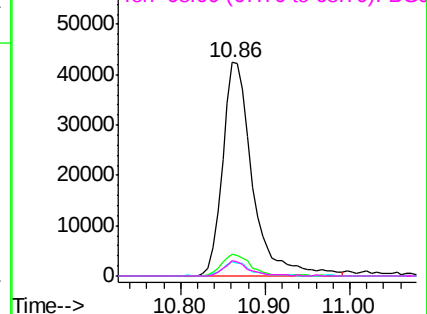
137 10.4 9.0 13.4

54 6.4 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

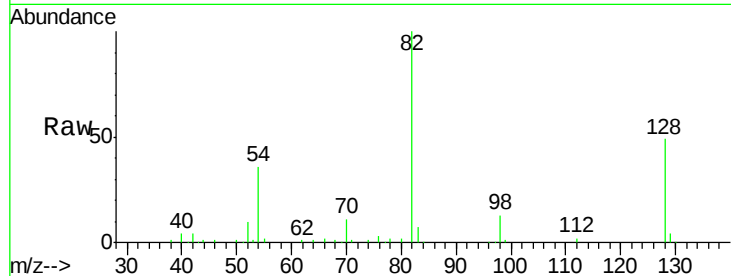




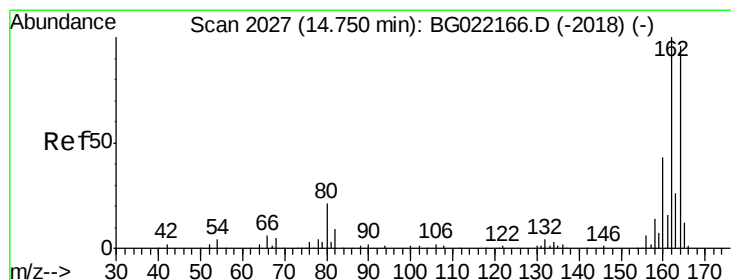
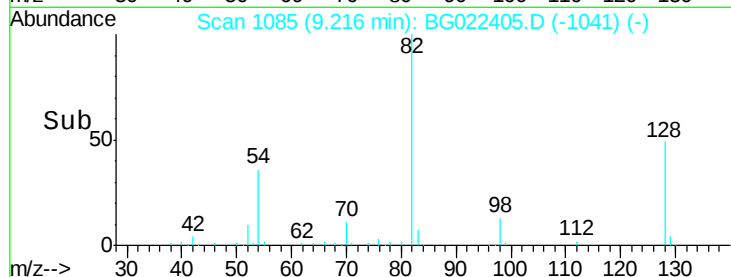
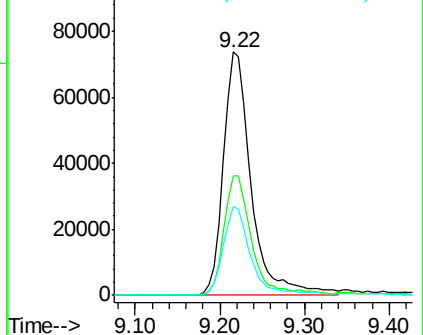
#23
Nitrobenzene-d5
Concen: 112.32 ng
RT: 9.22 min Scan# 1085
Delta R.T. -0.04 min
Lab File: BG022405.D
Acq: 18 Jun 2016 2:34

Instrument :
BNA_G
ClientSampleId :
S5-B2(8-15)C

Tot Ion: 82 Resp: 168264
Ion Ratio Lower Upper
82 100
128 48.9 33.4 50.0
54 36.4 46.1 69.1#

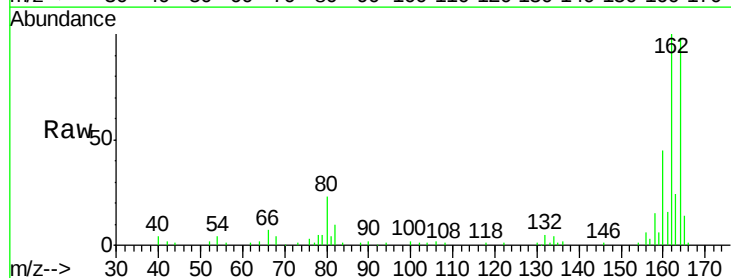


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

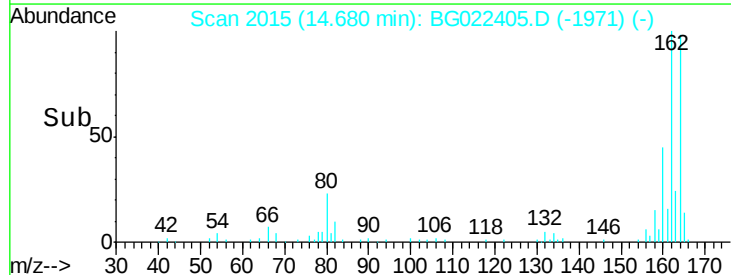
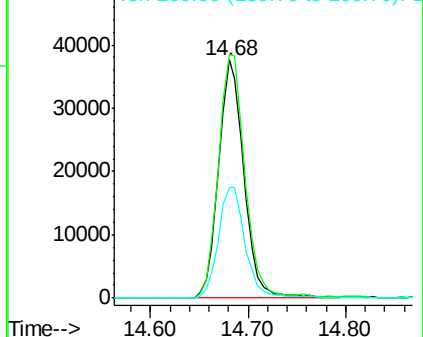


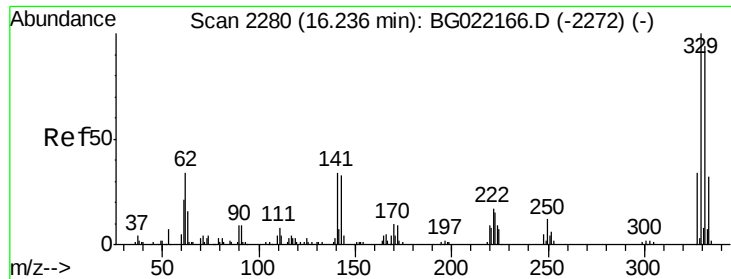
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2015
Delta R.T. -0.04 min
Lab File: BG022405.D
Acq: 18 Jun 2016 2:34

Tgt Ion:164 Resp: 67744
Ion Ratio Lower Upper
164 100
162 102.1 78.0 117.0
160 46.3 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

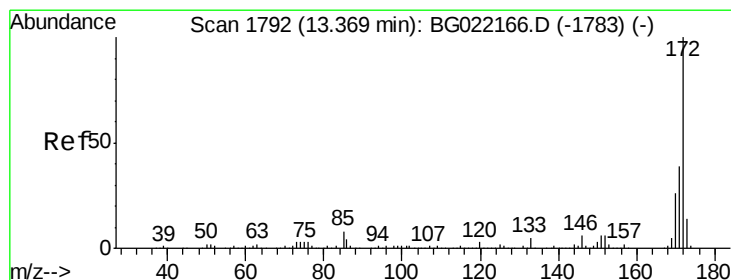
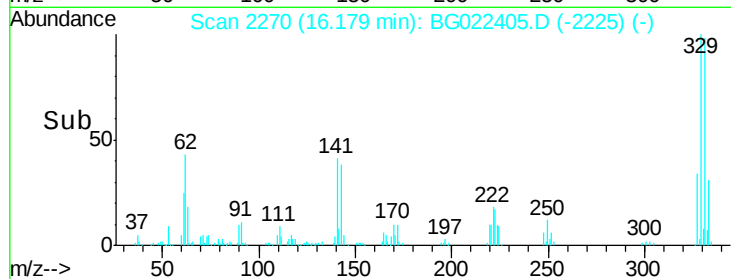
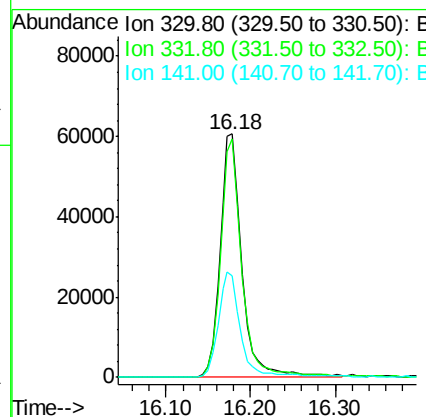
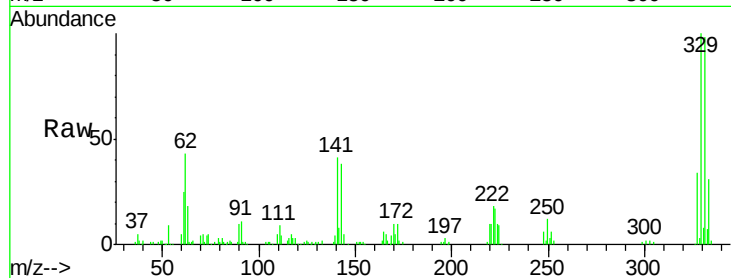




#41
 2,4,6-Tribromophenol
 Concen: 143.33 ng
 RT: 16.18 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022405.D
 Acq: 18 Jun 2016 2:34

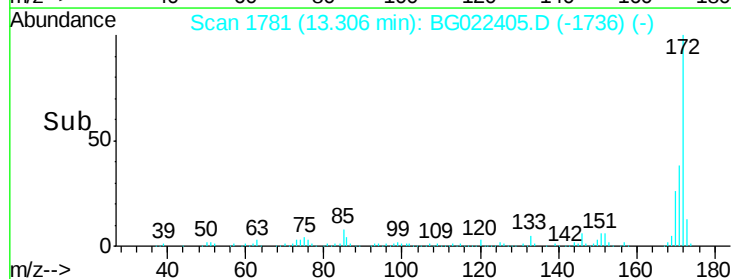
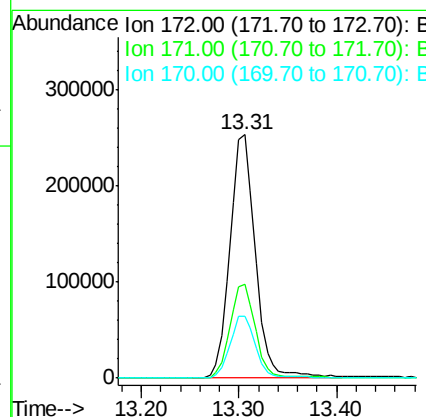
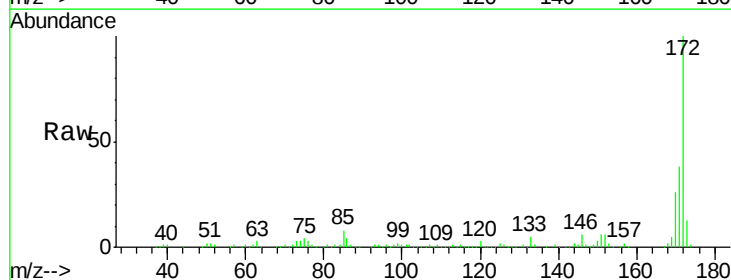
Instrument :
 BNA_G
 ClientSampleId :
 S5-B2(8-15)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	43.8	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 103.50 ng
 RT: 13.31 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022405.D
 Acq: 18 Jun 2016 2:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	27.8	41.6
170	25.6	19.6	29.4

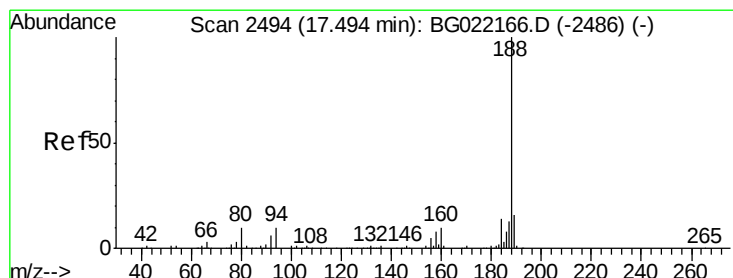
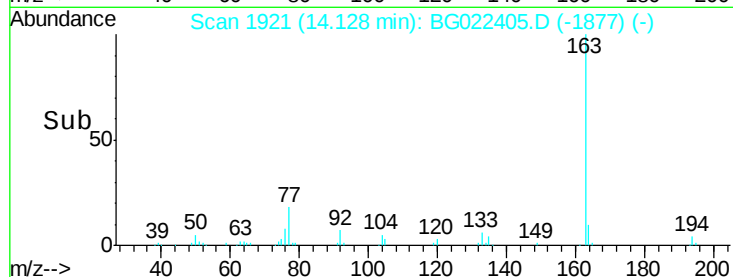
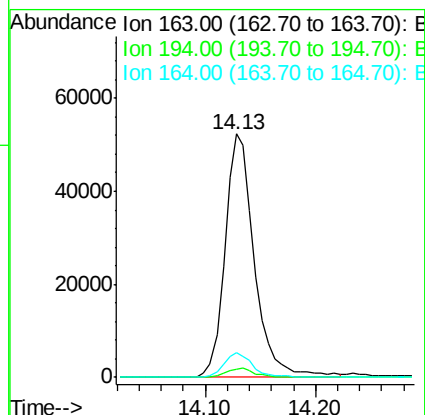
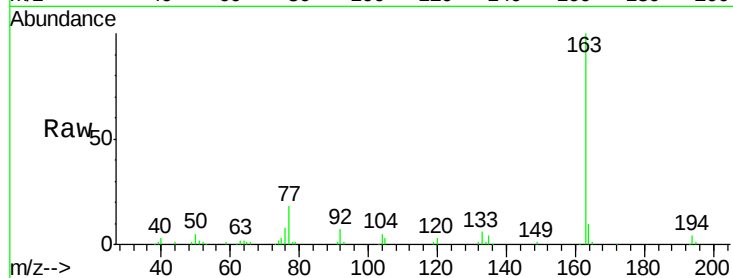




#49
Dimethylphthalate
Concen: 17.29 ng
RT: 14.13 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BG022405.D
Acq: 18 Jun 2016 2:34

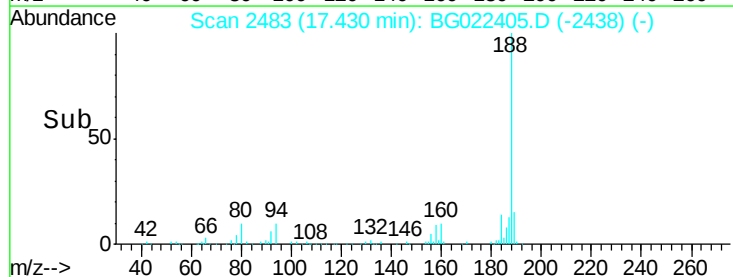
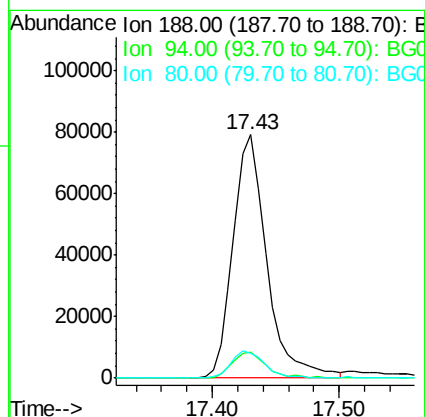
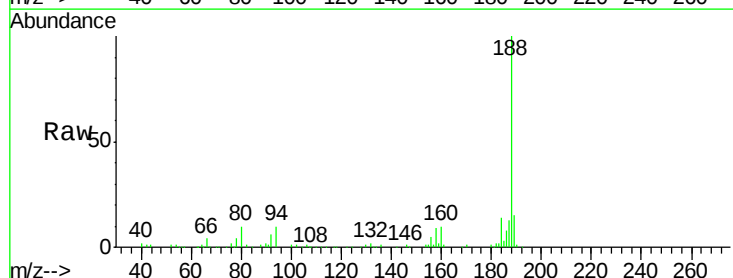
Instrument :
BNA_G
ClientSampleId :
S5-B2(8-15)C

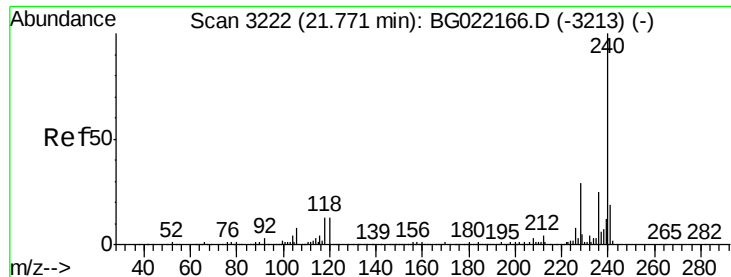
Tot Ion:163 Resp: 97132
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 9.9 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG022405.D
Acq: 18 Jun 2016 2:34

Tgt Ion:188 Resp: 146278
Ion Ratio Lower Upper
188 100
94 10.5 7.5 11.3
80 10.4 8.6 13.0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.70 min Scan# 3209

Delta R.T. -0.04 min

Lab File: BG022405.D

Acq: 18 Jun 2016 2:34

Instrument :

BNA_G

ClientSampleId :

S5-B2(8-15)C

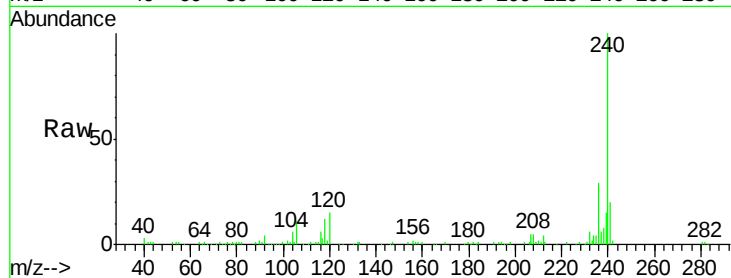
Tot Ion:240 Resp: 132799

Ion Ratio Lower Upper

240 100

120 15.5 8.4 12.6#

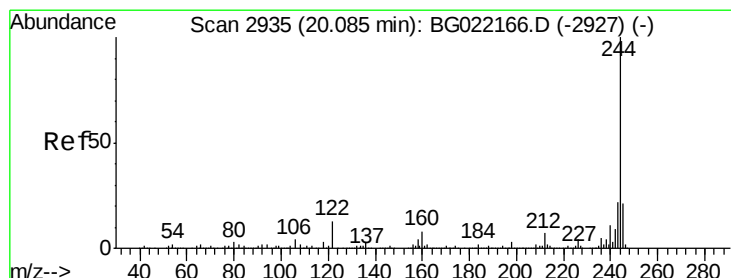
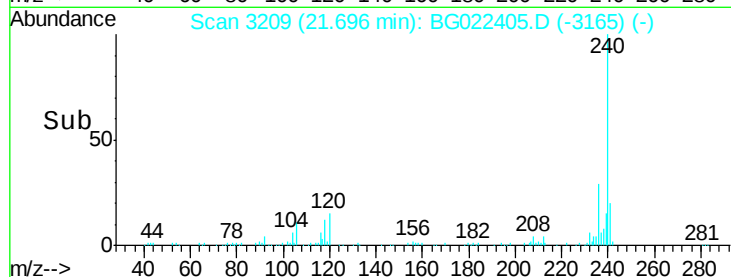
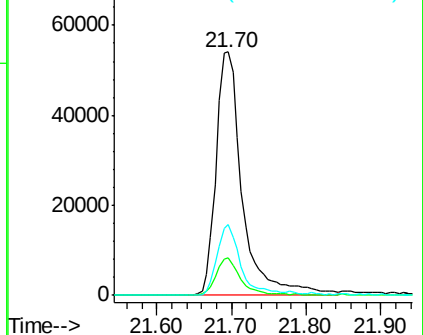
236 28.9 19.6 29.4



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: 103.51 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.04 min

Lab File: BG022405.D

Acq: 18 Jun 2016 2:34

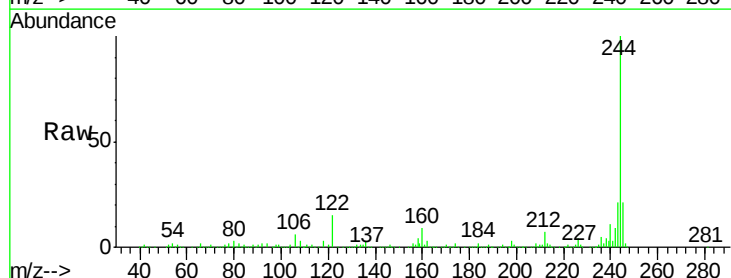
Tgt Ion:244 Resp: 578986

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

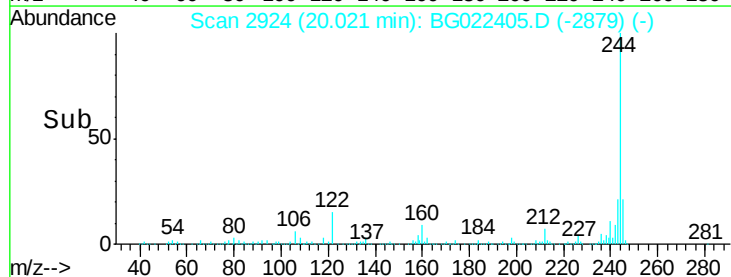
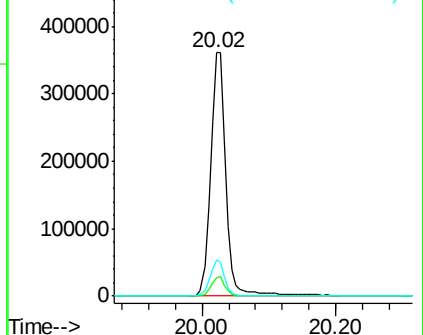
122 14.6 8.6 12.8#

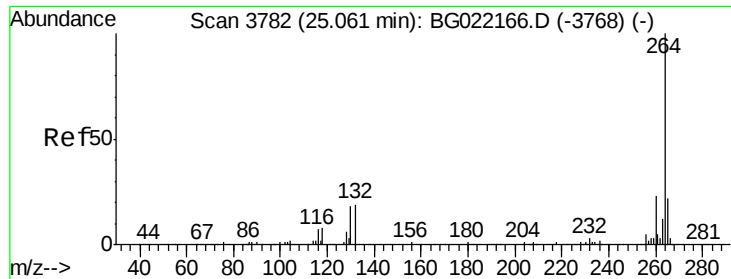


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.94 min Scan# 3761
Delta R.T. -0.07 min
Lab File: BG022405.D
Acq: 18 Jun 2016 2:34

Instrument :
BNA_G
ClientSampleId :
S5-B2(8-15)C

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.5	20.2	30.4	
265	20.3	17.8	26.8	

