

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022407.D
 Acq On : 18 Jun 2016 3:54
 Operator : UM/SJ
 Sample : H3501-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB2-4-6

Quant Time: Jun 18 05:10:35 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

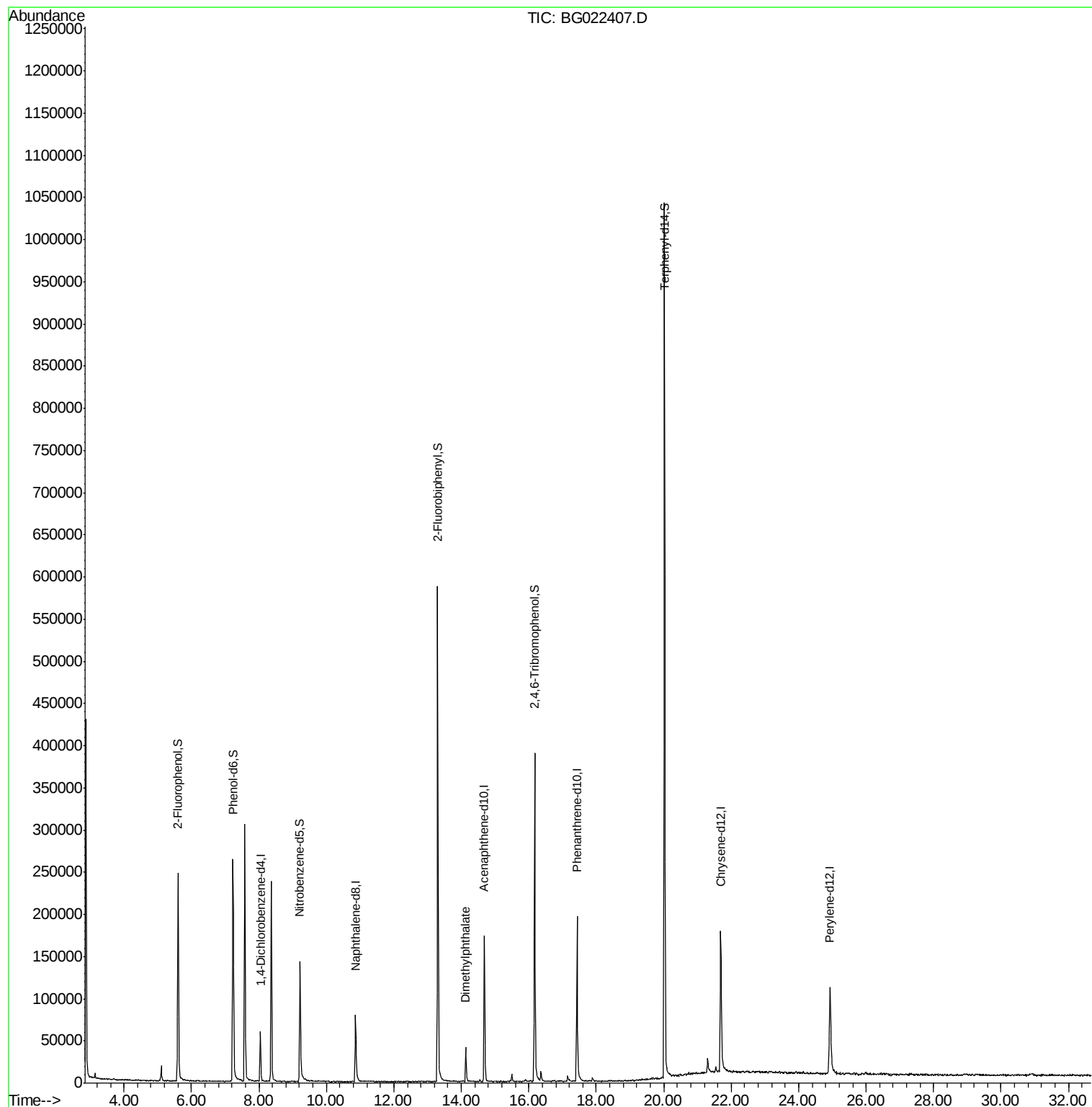
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	21918	20.00	ng	-0.05
21) Naphthalene-d8	10.87	136	106837	20.00	ng	-0.04
38) Acenaphthene-d10	14.69	164	71034	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	158989	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	133618	20.00	ng	-0.05
86) Perylene-d12	24.93	264	127413	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	166965	147.29	ng	-0.03
7) Phenol-d6	7.23	99	246073	138.06	ng	-0.02
23) Nitrobenzene-d5	9.22	82	125666	82.00	ng	-0.04
41) 2,4,6-Tribromophenol	16.17	330	81683	101.77	ng	-0.04
44) 2-Fluorobiphenyl	13.31	172	370330	79.45	ng	-0.04
78) Terphenyl-d14	20.02	244	511354	90.86	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.13	163	40362	6.85	ng	Qvalue 98

(#) = 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: BG022407.D

Acq: 18 Jun 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SB2-4-6

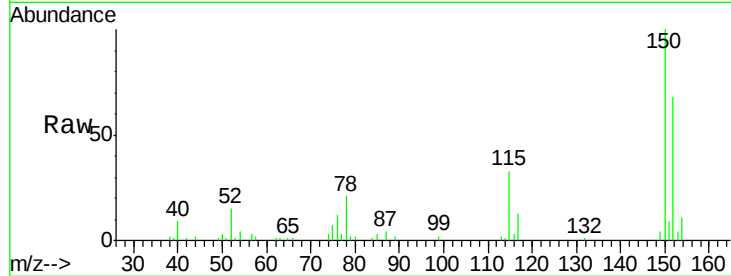
Tot Ion:152 Resp: 21918

Ion Ratio Lower Upper

152 100

150 147.7 130.1 195.1

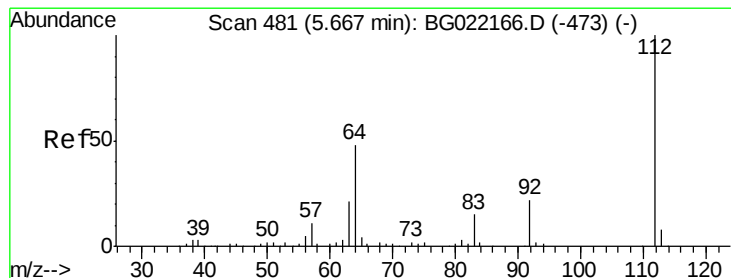
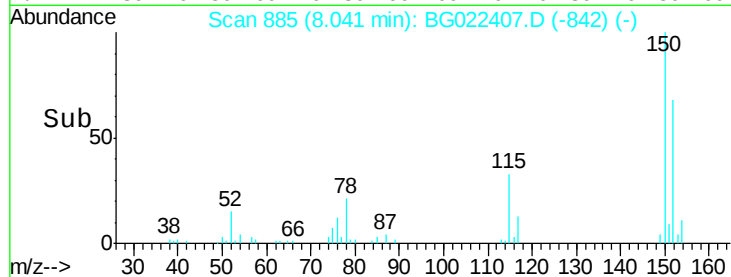
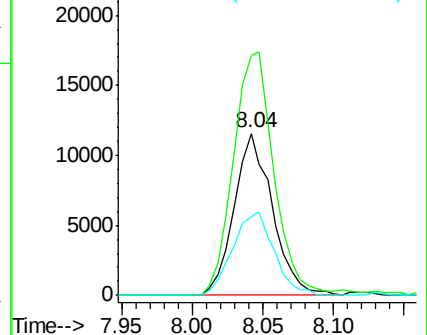
115 48.5 62.2 93.2#



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: 147.29 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.03 min

Lab File: BG022407.D

Acq: 18 Jun 2016 3:54

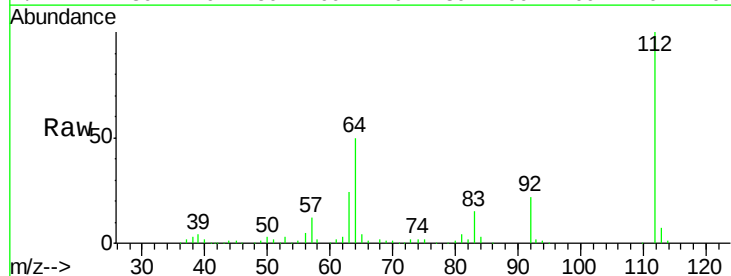
Tgt Ion:112 Resp: 166965

Ion Ratio Lower Upper

112 100

64 50.2 51.1 76.7#

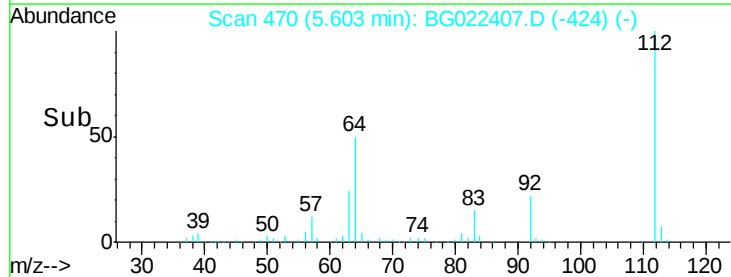
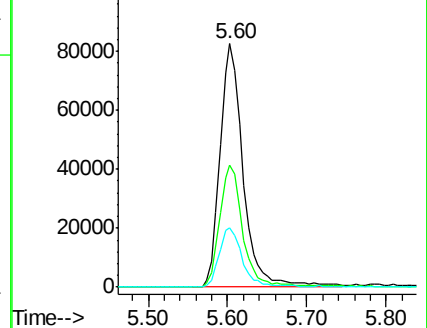
63 24.3 24.6 37.0#



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: 138.06 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG022407.D

Acq: 18 Jun 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SB2-4-6

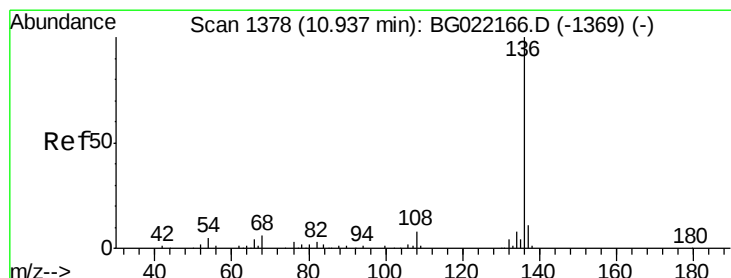
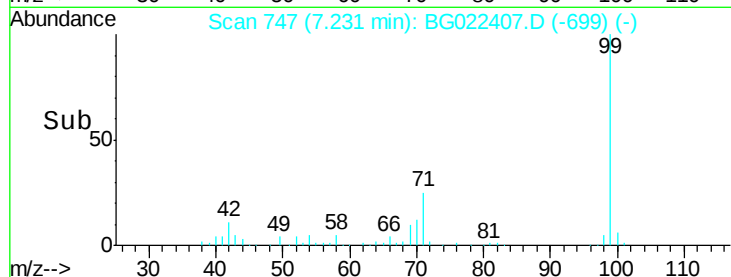
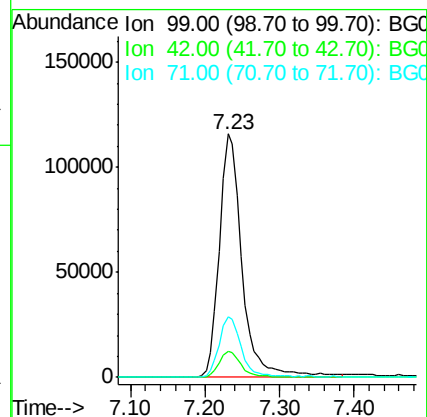
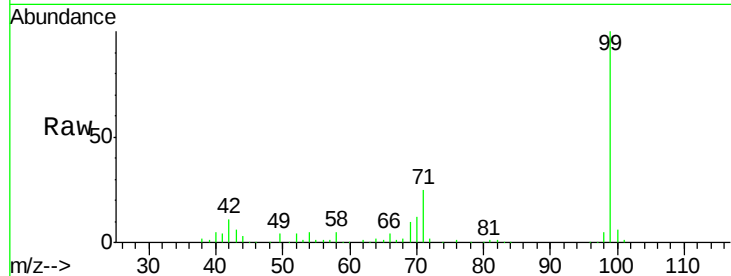
Tot Ion: 99 Resp: 246073

Ion Ratio Lower Upper

99 100

42 10.6 16.4 24.6#

71 25.1 25.0 37.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022407.D

Acq: 18 Jun 2016 3:54

Tgt Ion: 136 Resp: 106837

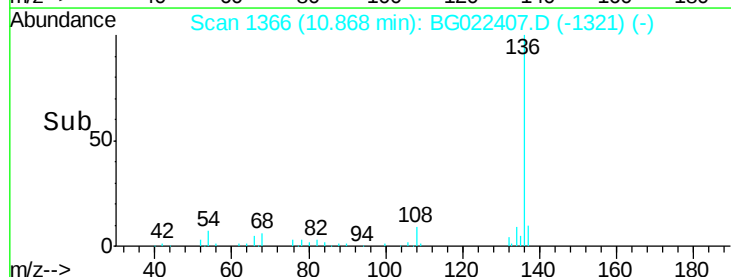
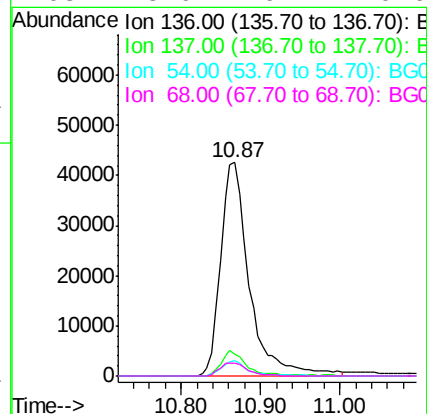
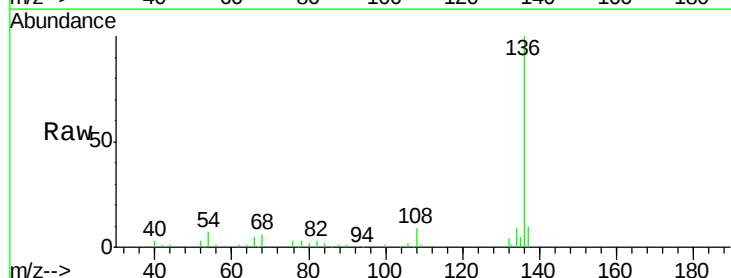
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 7.1 9.6 14.4#

68 5.9 6.4 9.6#

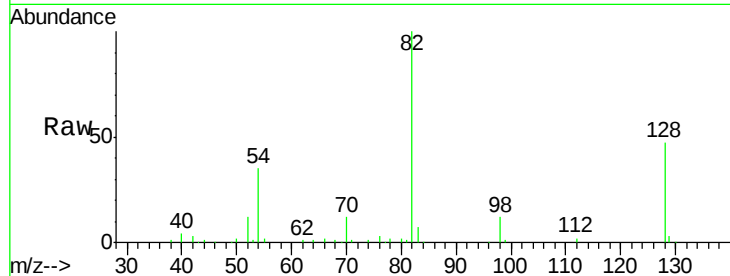




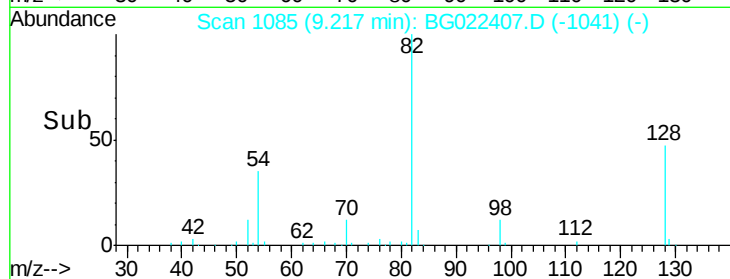
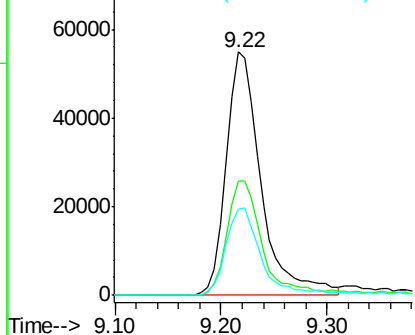
#23
 Nitrobenzene-d5
 Concen: 82.00 ng
 RT: 9.22 min Scan# 1085
 Delta R.T. -0.04 min
 Lab File: BG022407.D
 Acq: 18 Jun 2016 3:54

Instrument :
 BNA_G
 ClientSampleID :
 SB2-4-6

Tot Ion	82	Resp	125666
Ion Ratio	Lower	Upper	
82	100		
128	47.2	33.4	50.0
54	35.1	46.1	69.1#

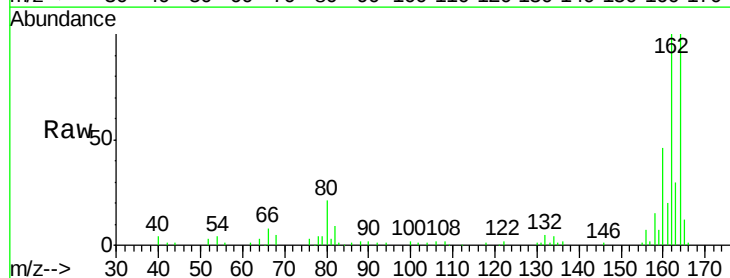


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

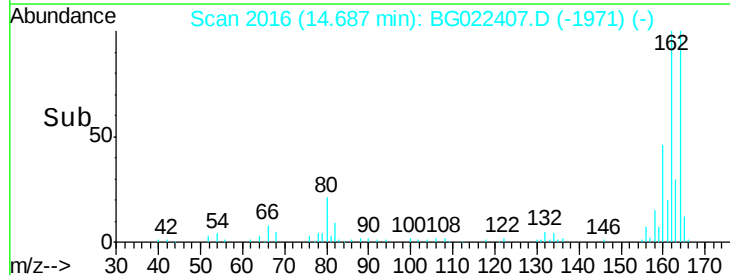
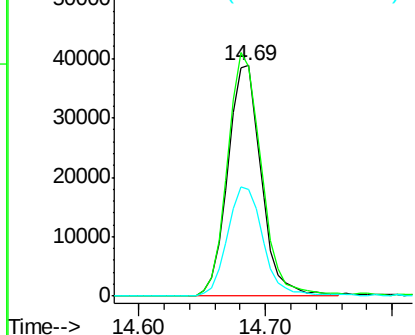


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.69 min Scan# 2016
 Delta R.T. -0.04 min
 Lab File: BG022407.D
 Acq: 18 Jun 2016 3:54

Tgt Ion	164	Resp	71034
Ion Ratio	Lower	Upper	
164	100		
162	99.6	78.0	117.0
160	46.4	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

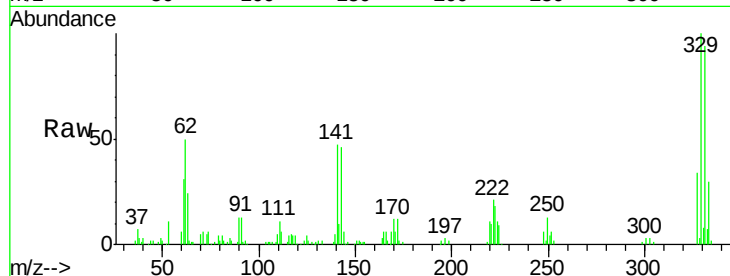




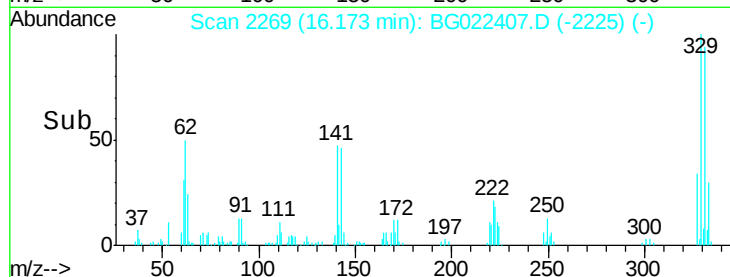
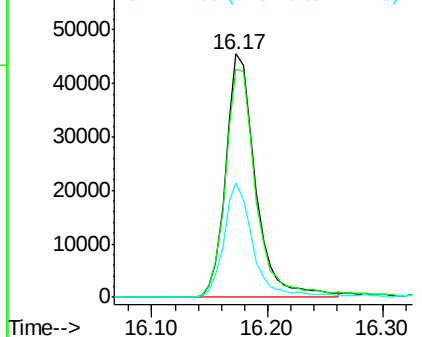
#41
 2,4,6-Tribromophenol
 Concen: 101.77 ng
 RT: 16.17 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BG022407.D
 Acq: 18 Jun 2016 3:54

Instrument :
 BNA_G
 ClientSampleId :
 SB2-4-6

Tot Ion:330 Resp: 81683
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.0 117.0
 141 45.7 33.8 50.8

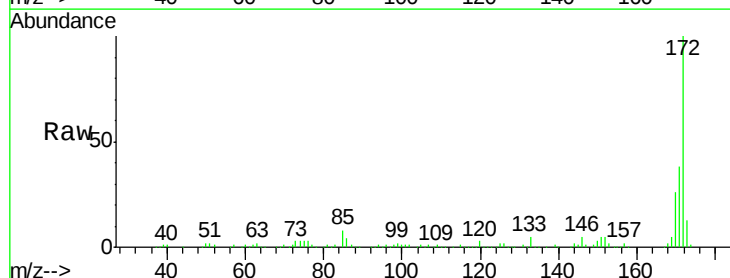


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

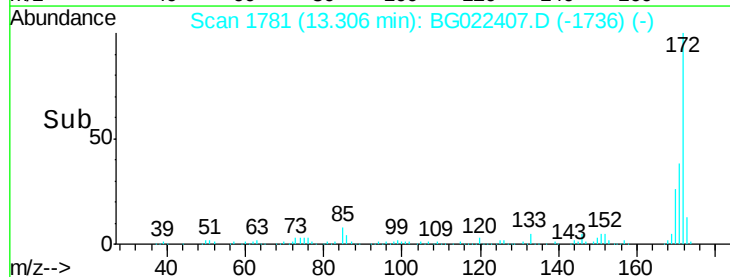
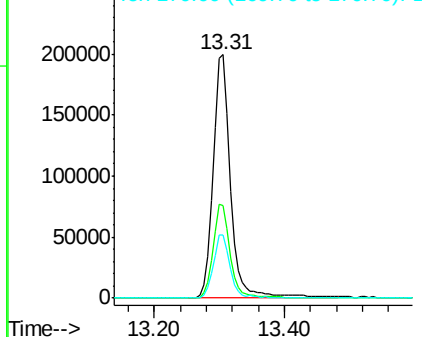


#44
 2-Fluorobiphenyl
 Concen: 79.45 ng
 RT: 13.31 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022407.D
 Acq: 18 Jun 2016 3:54

Tgt Ion:172 Resp: 370330
 Ion Ratio Lower Upper
 172 100
 171 38.0 27.8 41.6
 170 26.0 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.85 ng

RT: 14.13 min Scan# 1922

Delta R.T. -0.04 min

Lab File: BG022407.D

Acq: 18 Jun 2016 3:54

Instrument :

BNA_G

ClientSampleID :

SB2-4-6

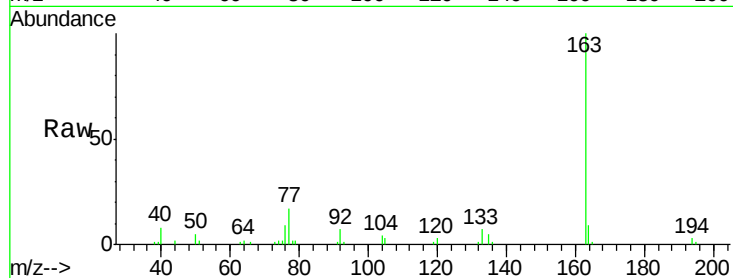
Tot Ion:163 Resp: 40362

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

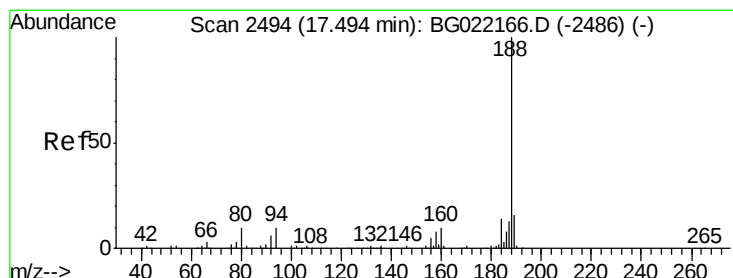
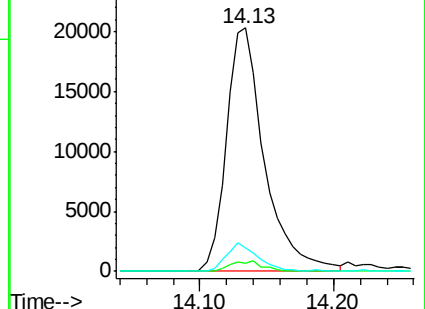
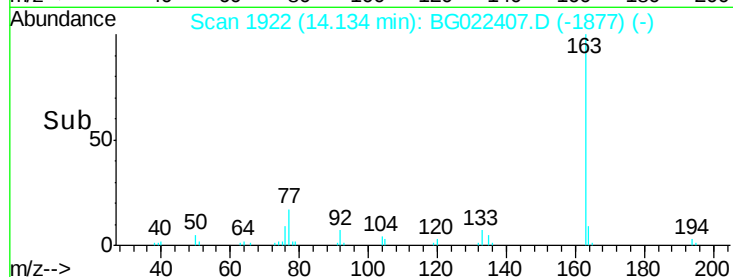
164 9.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2483

Delta R.T. -0.04 min

Lab File: BG022407.D

Acq: 18 Jun 2016 3:54

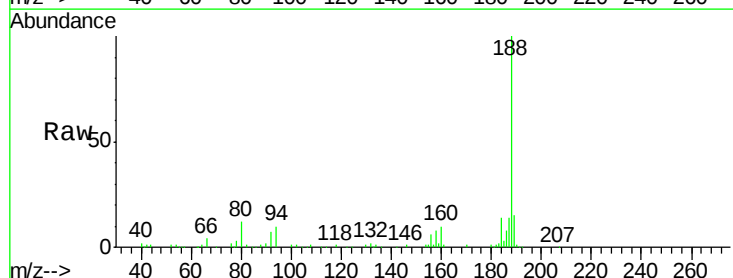
Tgt Ion:188 Resp: 158989

Ion Ratio Lower Upper

188 100

94 10.4 7.5 11.3

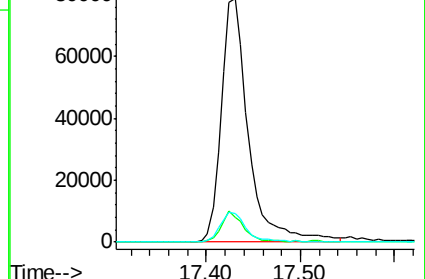
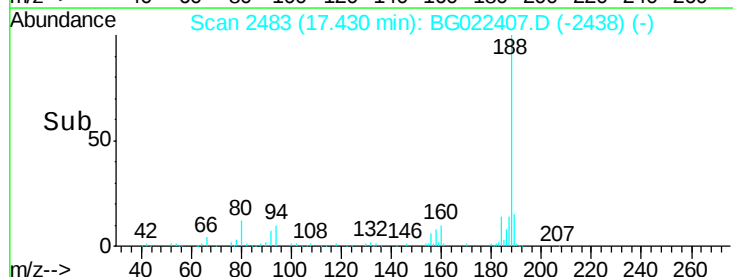
80 11.6 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

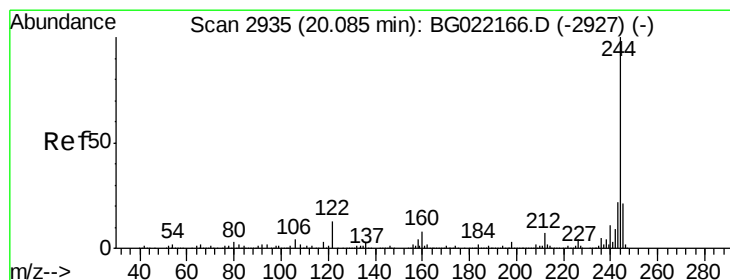
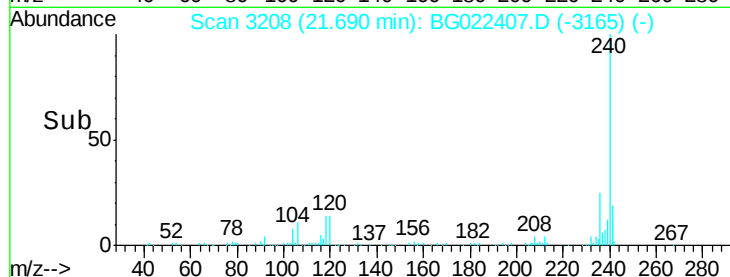
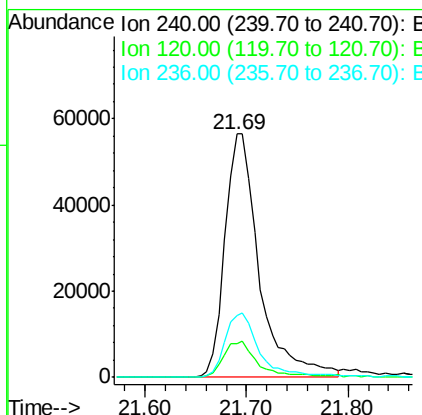
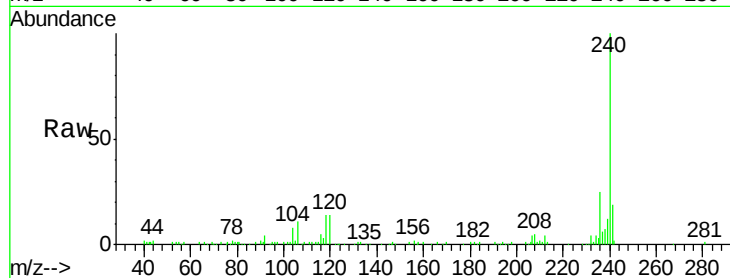




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.69 min Scan# 3208
 Delta R.T. -0.05 min
 Lab File: BG022407.D
 Acq: 18 Jun 2016 3:54

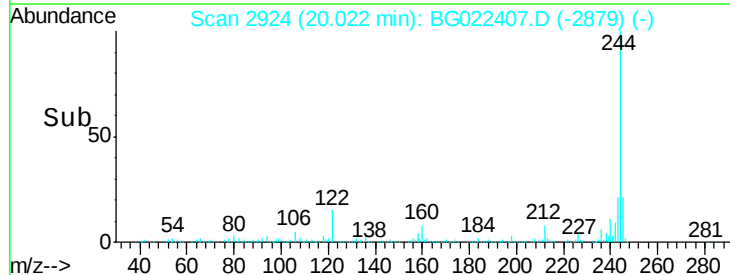
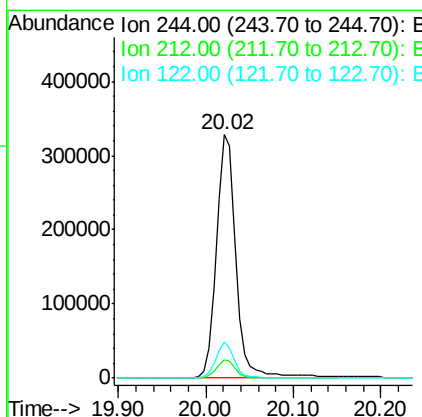
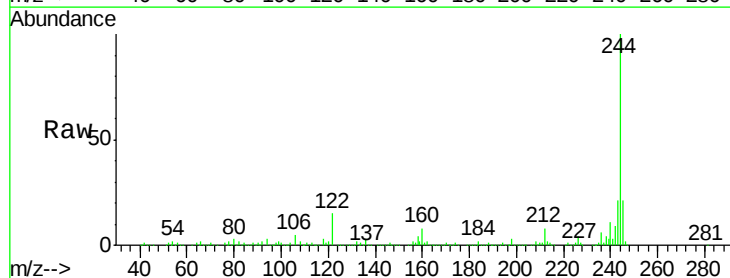
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 SB2-4-6

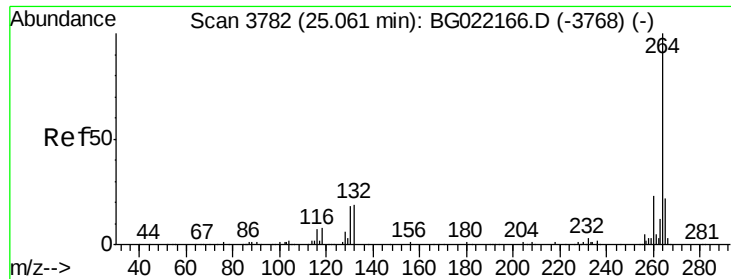
Tot Ion:240 Resp: 133618
 Ion Ratio Lower Upper
 240 100
 120 13.9 8.4 12.6#
 236 25.2 19.6 29.4



#78
 Terphenyl-d14
 Concen: 90.86 ng
 RT: 20.02 min Scan# 2924
 Delta R.T. -0.04 min
 Lab File: BG022407.D
 Acq: 18 Jun 2016 3:54

Tgt Ion:244 Resp: 511354
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 14.7 8.6 12.8#

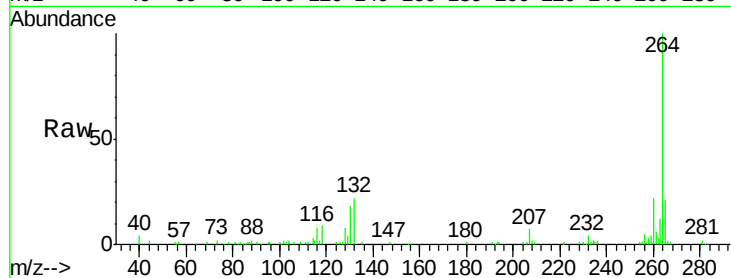




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.93 min Scan# 3760
 Delta R.T. -0.08 min
 Lab File: BG022407.D
 Acq: 18 Jun 2016 3:54

Instrument :
 BNA_G
 ClientSampleId :
 SB2-4-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	20.2	30.4
265	20.9	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

