

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022413.D
 Acq On : 18 Jun 2016 7:55
 Operator : UM/SJ
 Sample : H3501-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB10-1-3

Quant Time: Jun 20 01:17:59 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

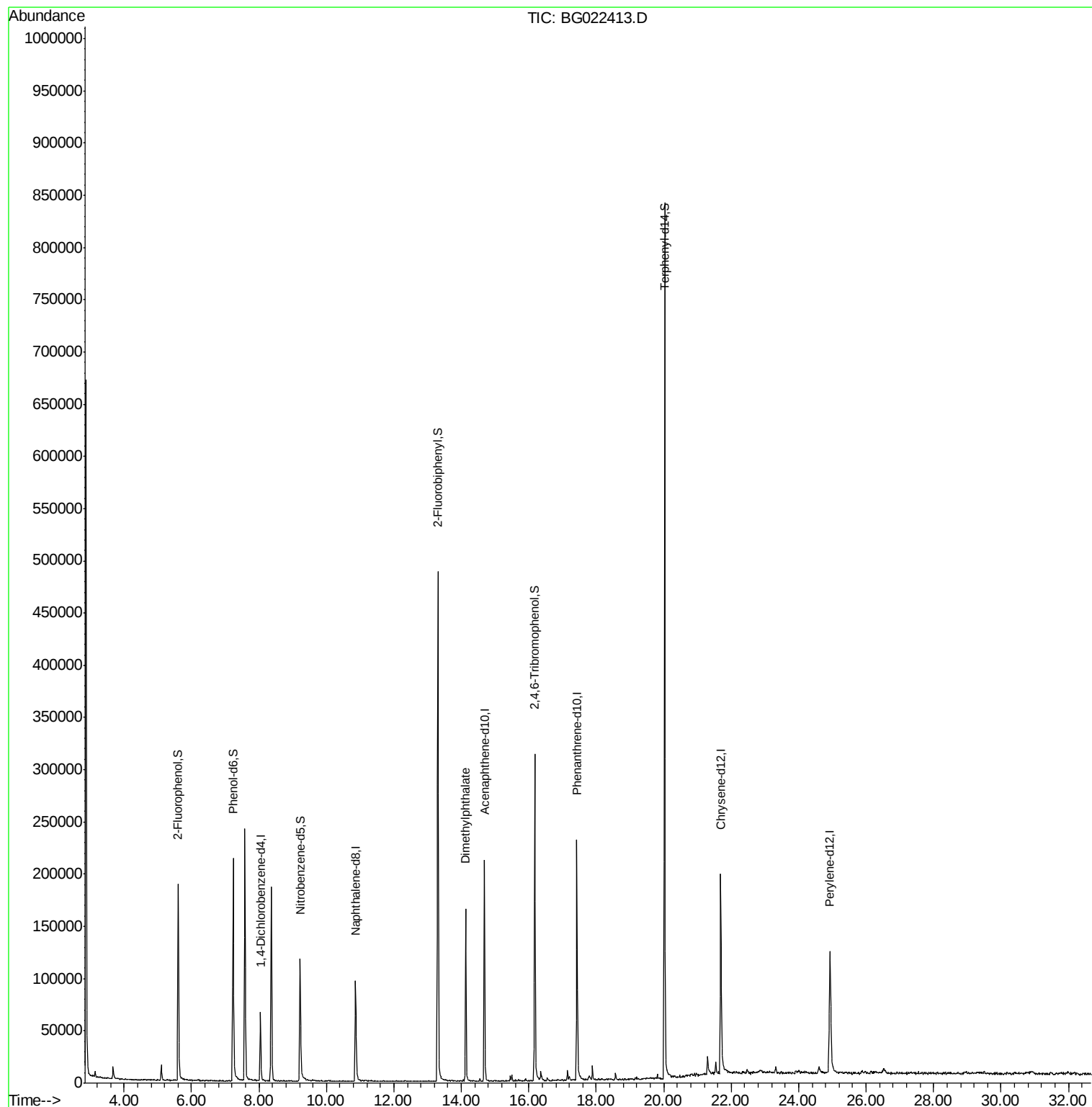
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	23970	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	114118	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	80628	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	173811	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	147430	20.00	ng	-0.05
86) Perylene-d12	24.93	264	134299	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	131700	106.23	ng	-0.03
7) Phenol-d6	7.23	99	200482	102.85	ng	-0.02
23) Nitrobenzene-d5	9.22	82	99963	61.07	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	70291	77.15	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	301938	57.07	ng	-0.04
78) Terphenyl-d14	20.02	244	410453	66.10	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	14.12	163	144100	21.56	ng	99

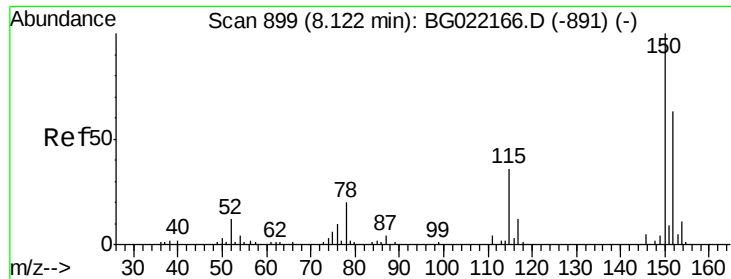
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.05 min

Lab File: BG022413.D

Acq: 18 Jun 2016 7:55

Instrument :

BNA_G

ClientSampleId :

SB10-1-3

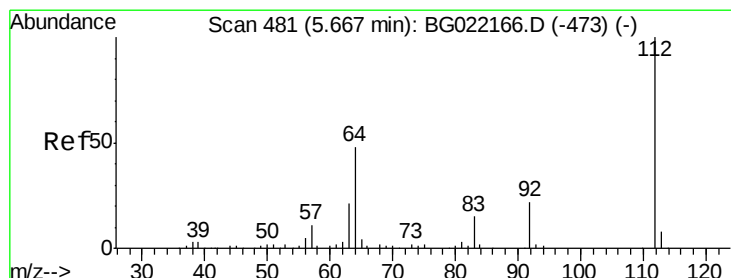
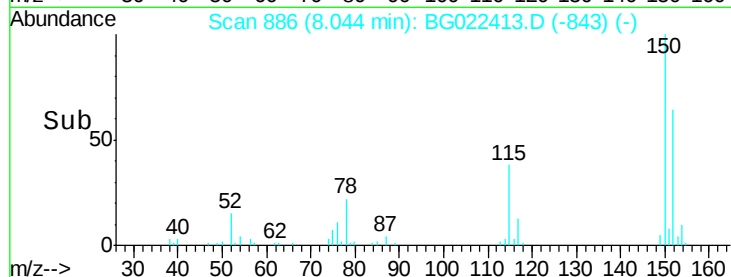
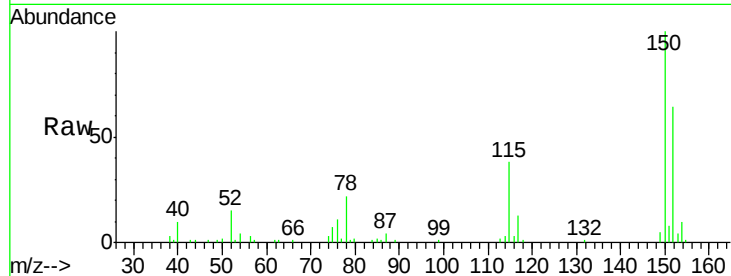
Tot Ion:152 Resp: 23970

Ion Ratio Lower Upper

152 100

150 155.1 130.1 195.1

115 58.3 62.2 93.2#



#5

2-Fluorophenol

Concen: 106.23 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.03 min

Lab File: BG022413.D

Acq: 18 Jun 2016 7:55

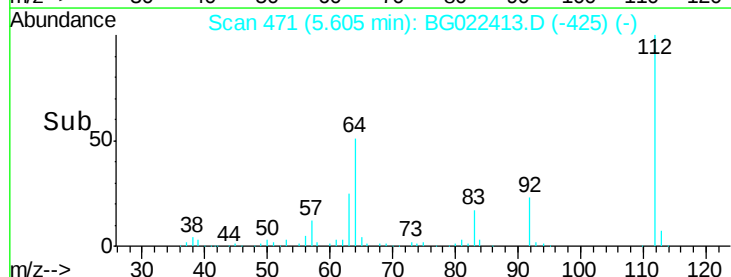
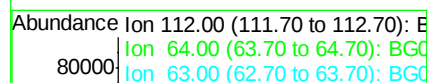
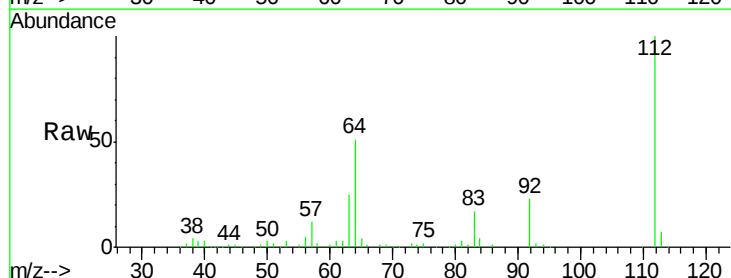
Tgt Ion:112 Resp: 131700

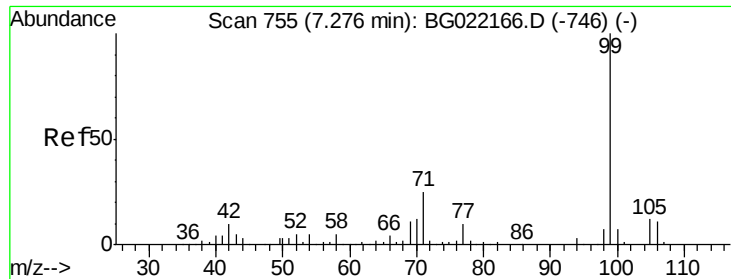
Ion Ratio Lower Upper

112 100

64 51.0 51.1 76.7#

63 24.8 24.6 37.0





#7

Phenol-d6

Concen: 102.85 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022413.D

Acq: 18 Jun 2016 7:55

Instrument :

BNA_G

ClientSampleId :

SB10-1-3

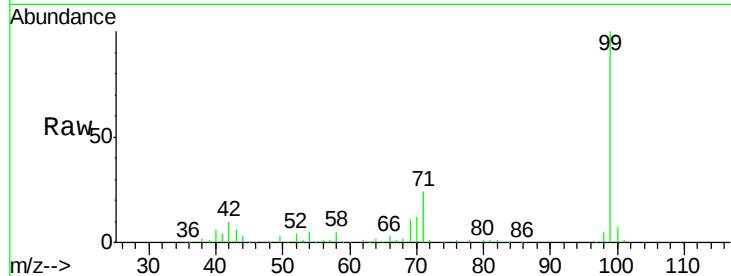
Tot Ion: 99 Resp: 200482

Ion Ratio Lower Upper

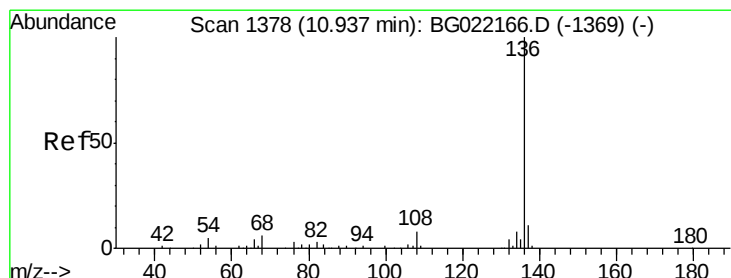
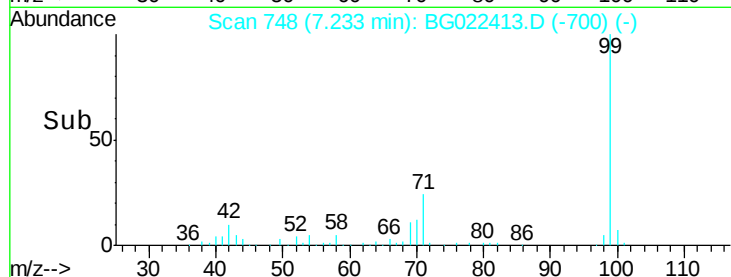
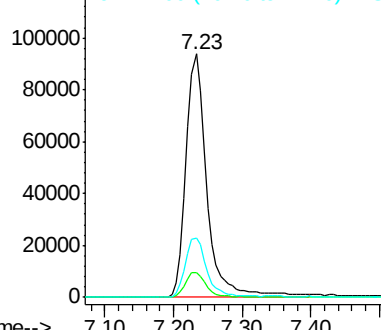
99 100

42 10.3 16.4 24.6#

71 24.5 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# 1366

Delta R.T. -0.04 min

Lab File: BG022413.D

Acq: 18 Jun 2016 7:55

Tgt Ion: 136 Resp: 114118

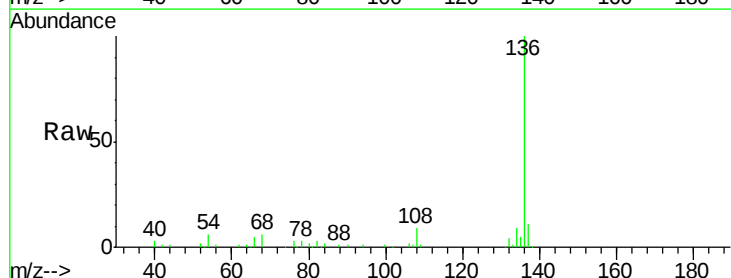
Ion Ratio Lower Upper

136 100

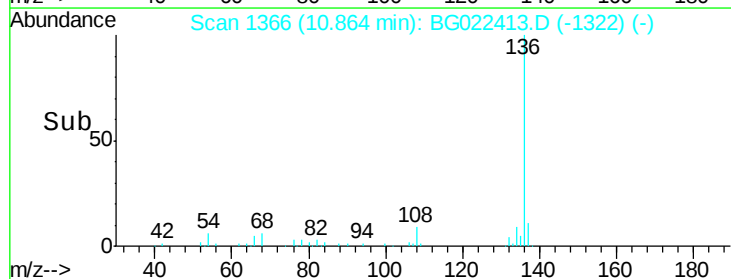
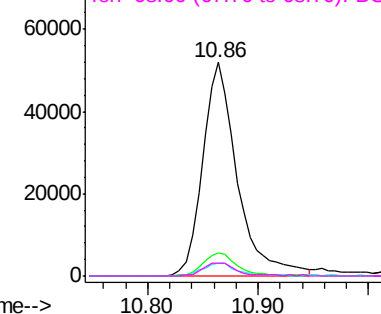
137 10.6 9.0 13.4

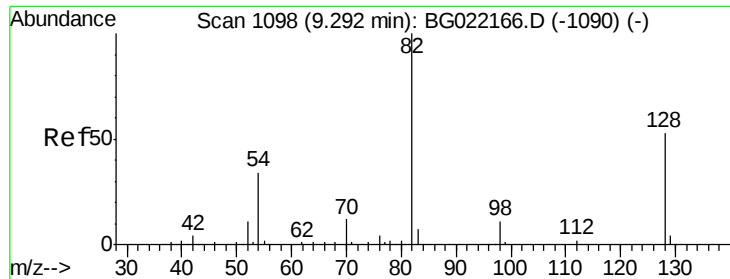
54 6.1 9.6 14.4#

68 6.2 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

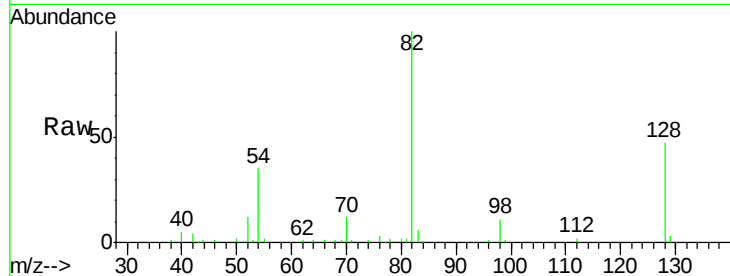




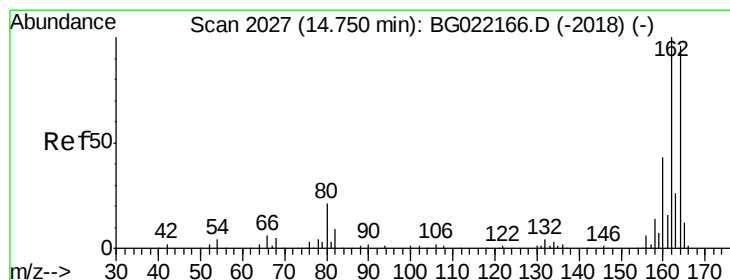
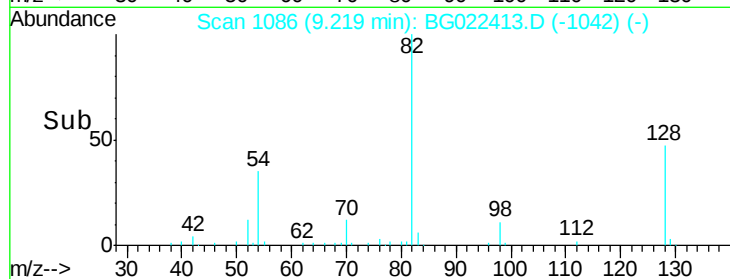
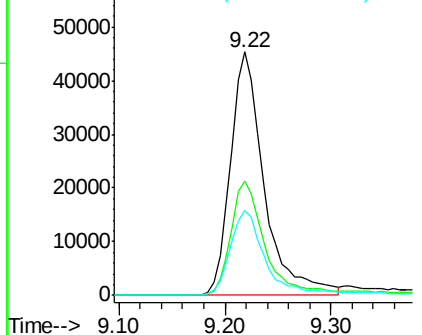
#23
 Nitrobenzene-d5
 Concen: 61.07 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.04 min
 Lab File: BG022413.D
 Acq: 18 Jun 2016 7:55

Instrument :
 BNA_G
 ClientSampleId :
 SB10-1-3

Tot Ion	82	Resp	99963
Ion Ratio	100	Lower	Upper
128	47.0	33.4	50.0
54	35.0	46.1	69.1#

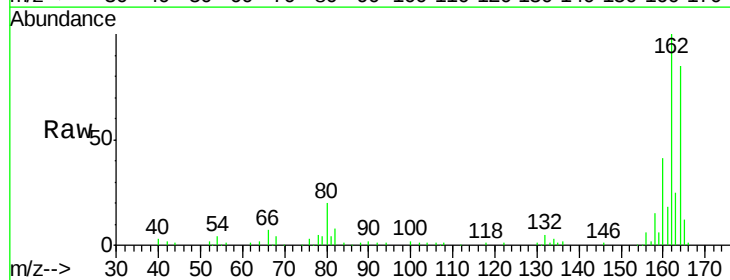


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

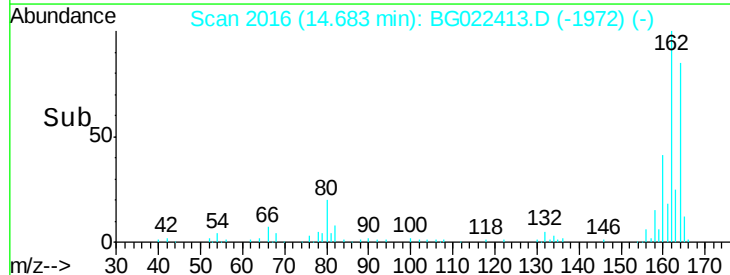
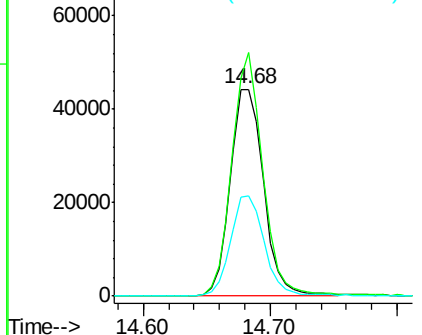


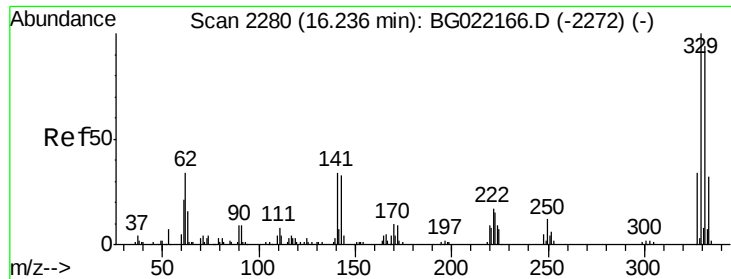
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 2016
 Delta R.T. -0.04 min
 Lab File: BG022413.D
 Acq: 18 Jun 2016 7:55

Tgt Ion	164	Resp	80628
Ion Ratio	100	Lower	Upper
162	117.8	78.0	117.0#
160	48.6	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

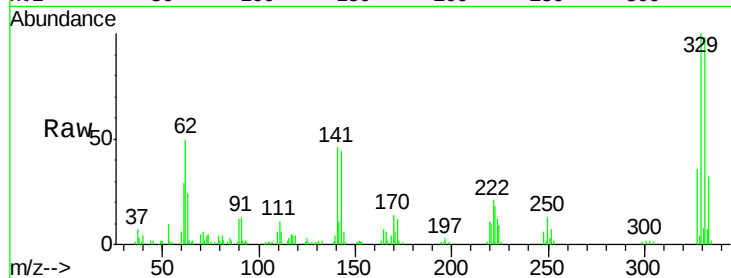




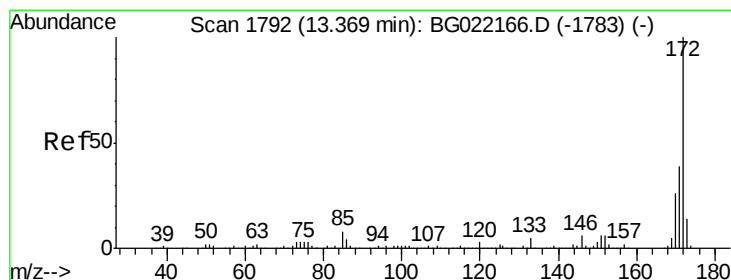
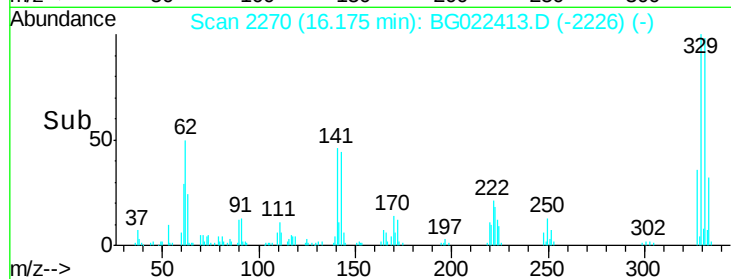
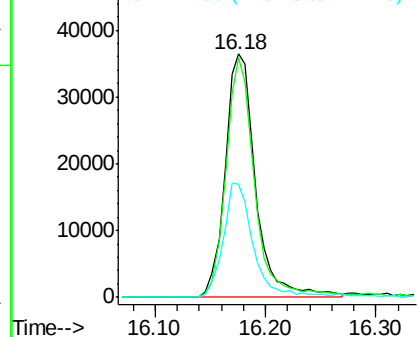
#41
 2,4,6-Tribromophenol
 Concen: 77.15 ng
 RT: 16.18 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022413.D
 Acq: 18 Jun 2016 7:55

Instrument :
 BNA_G
 ClientSampled :
 SB10-1-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	78.0	117.0
141	46.3	33.8	50.8

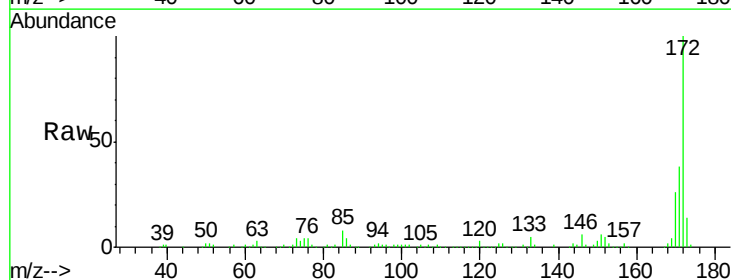


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

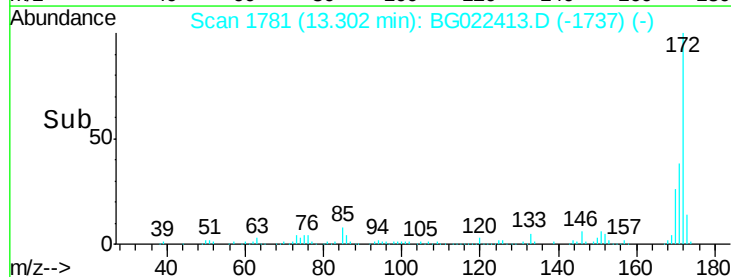
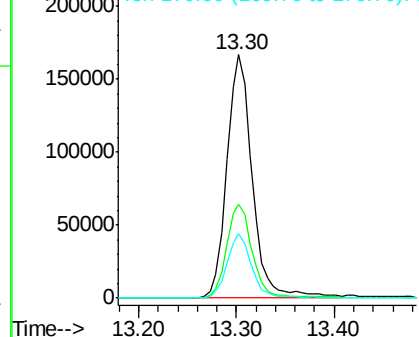


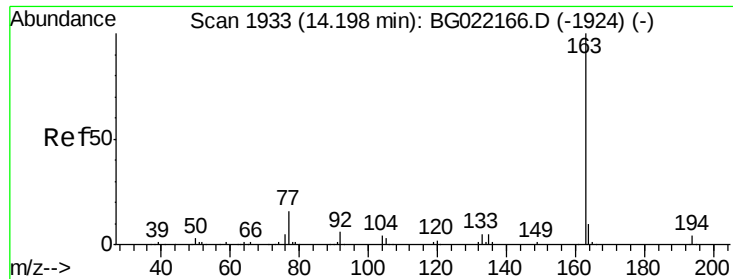
#44
 2-Fluorobiphenyl
 Concen: 57.07 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022413.D
 Acq: 18 Jun 2016 7:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	27.8	41.6
170	26.4	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: 21.56 ng

RT: 14.12 min Scan# 1921

Delta R.T. -0.05 min

Lab File: BG022413.D

Acq: 18 Jun 2016 7:55

Instrument :

BNA_G

ClientSampled :

SB10-1-3

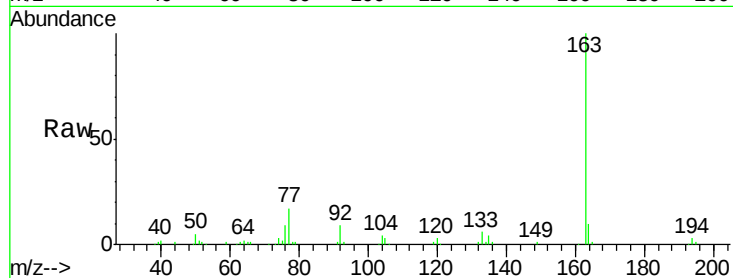
Tot Ion:163 Resp: 144100

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

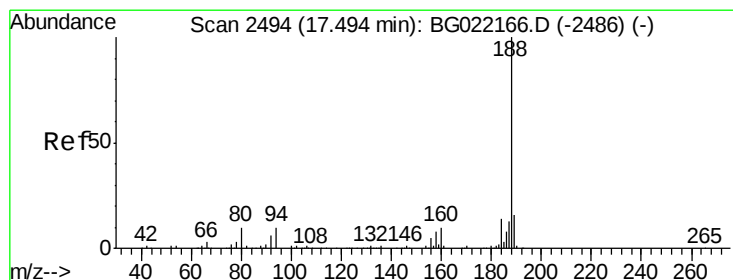
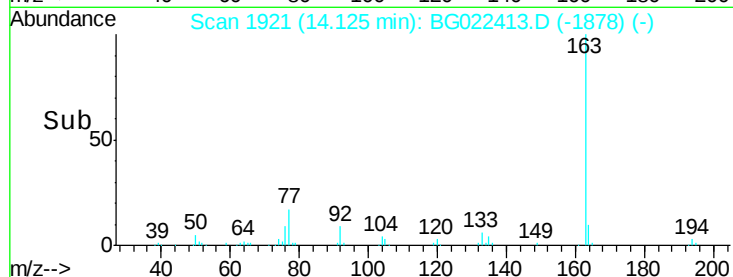
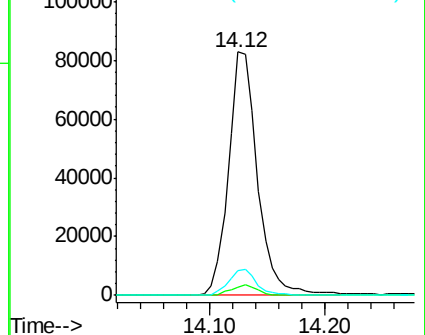
164 10.3 8.1 12.1



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: BG022413.D

Acq: 18 Jun 2016 7:55

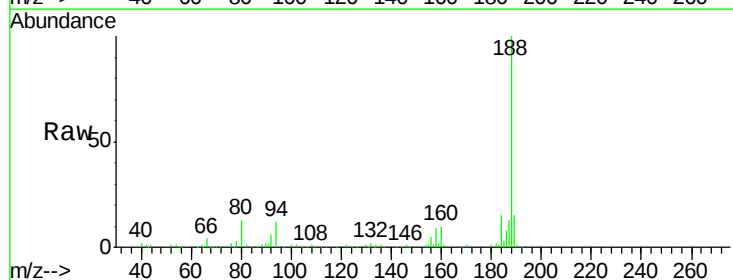
Tgt Ion:188 Resp: 173811

Ion Ratio Lower Upper

188 100

94 11.5 7.5 11.3#

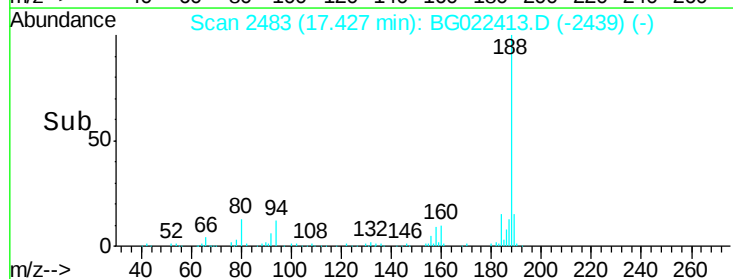
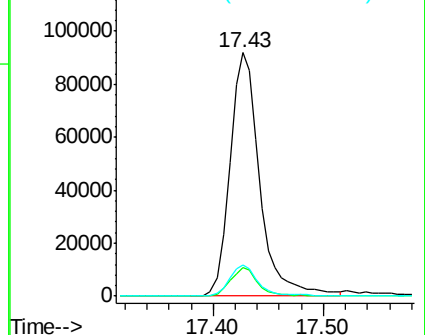
80 12.7 8.6 13.0

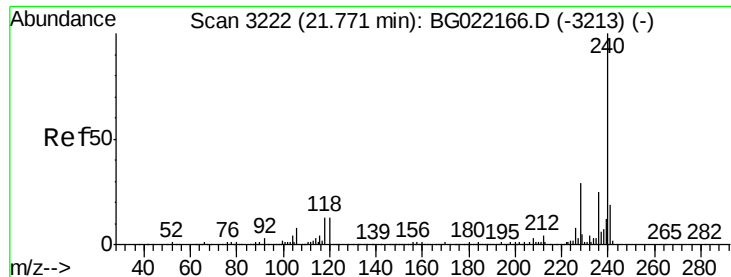


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3209

Delta R.T. -0.05 min

Lab File: BG022413.D

Acq: 18 Jun 2016 7:55

Instrument :

BNA_G

ClientSampleId :

SB10-1-3

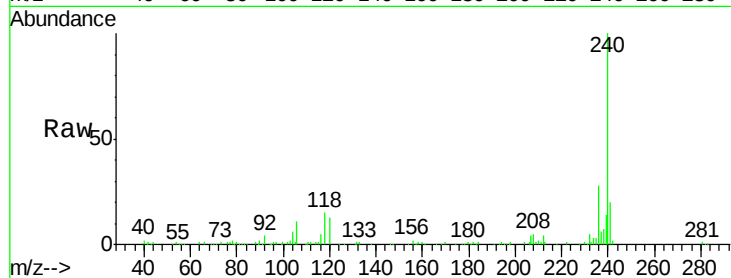
Tot Ion:240 Resp: 147430

Ion Ratio Lower Upper

240 100

120 13.4 8.4 12.6#

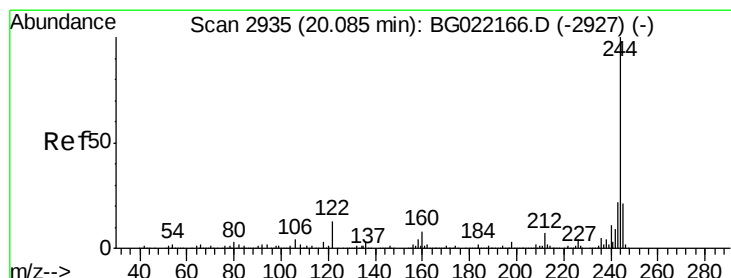
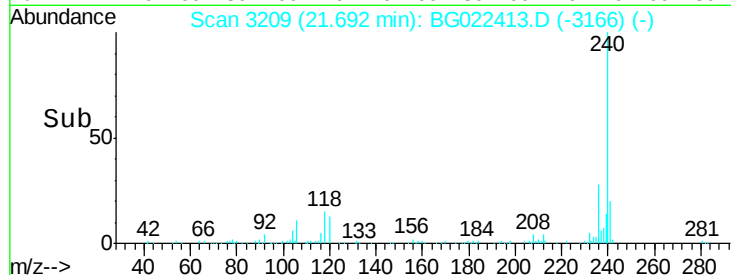
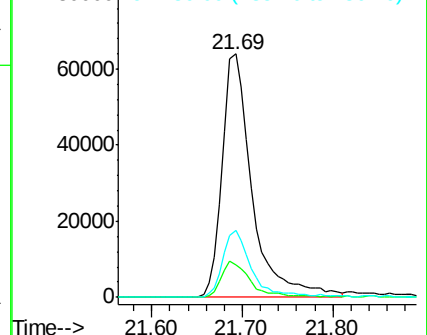
236 27.7 19.6 29.4



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: 66.10 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.04 min

Lab File: BG022413.D

Acq: 18 Jun 2016 7:55

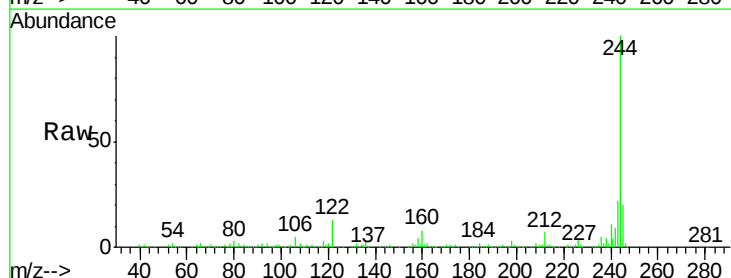
Tgt Ion:244 Resp: 410453

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

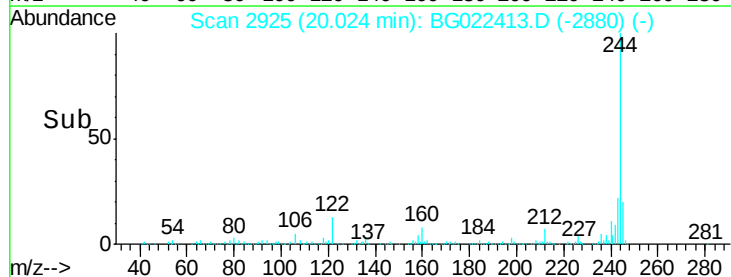
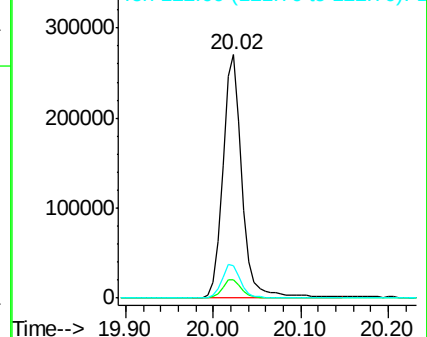
122 13.4 8.6 12.8#

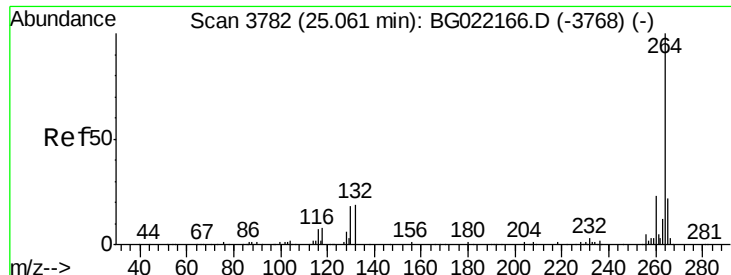


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3760
 Delta R.T. -0.08 min
 Lab File: BG022413.D
 Acq: 18 Jun 2016 7:55

Instrument :
 BNA_G
 ClientSampleId :
 SB10-1-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.4
265	21.7	17.8	26.8

