

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

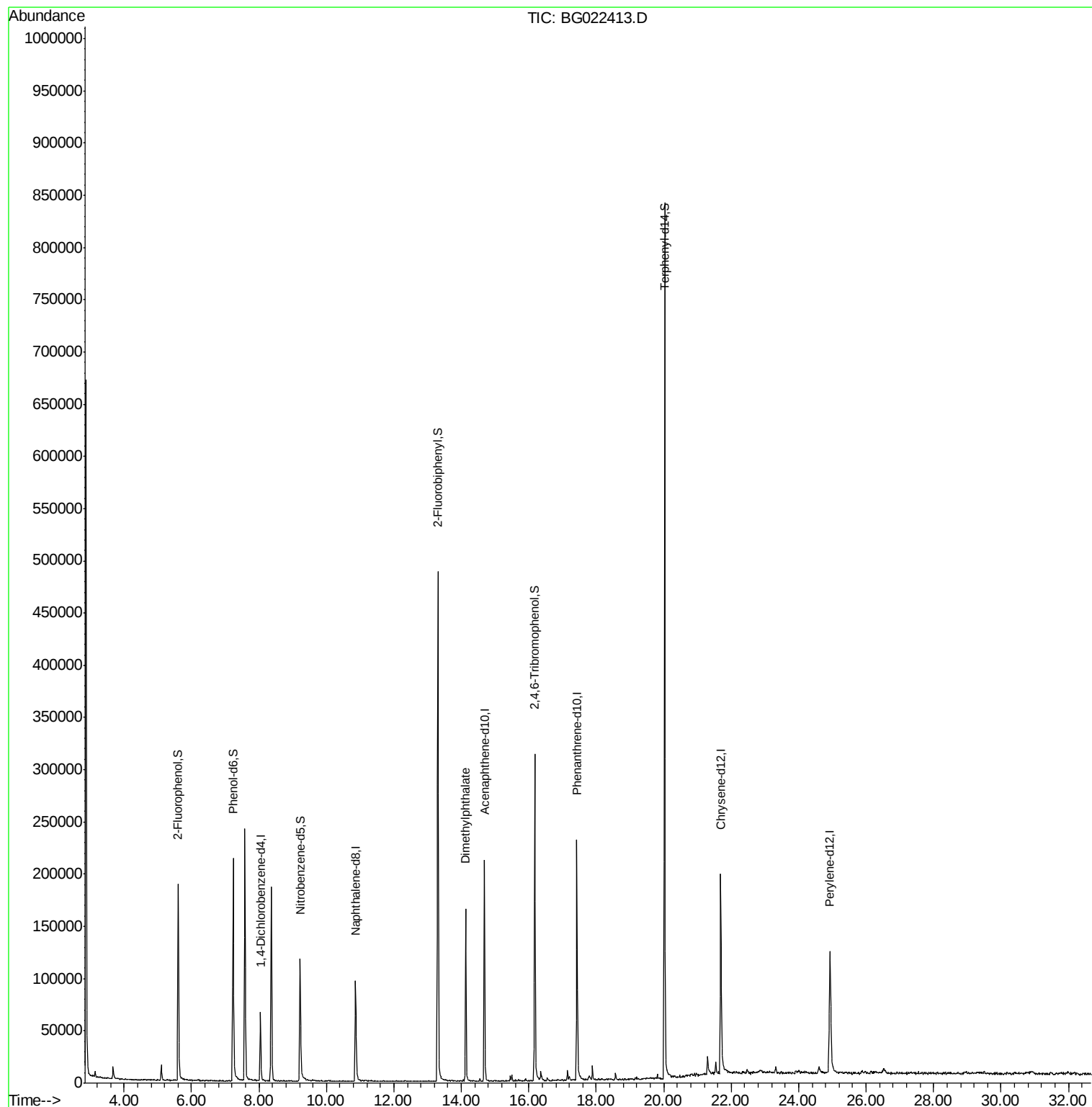
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	23970	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	114118	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	80628	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	173811	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	147430	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						
49) Dimethylphthalate	14.12	163	144100	21.56	ng	Qvalue 99

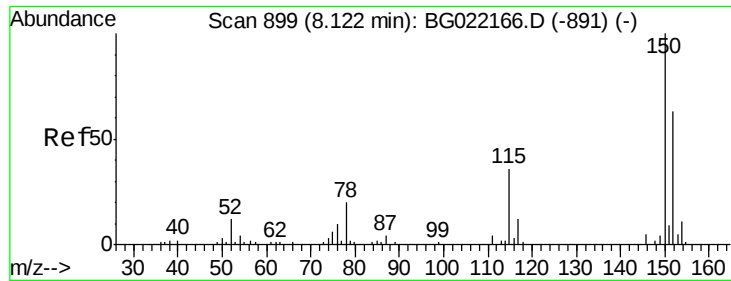
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.05 min

Lab File: BG022413.D

Acq: 18 Jun 2016 7:55

Instrument :

BNA_G

ClientSampleId :

SB10-1-3

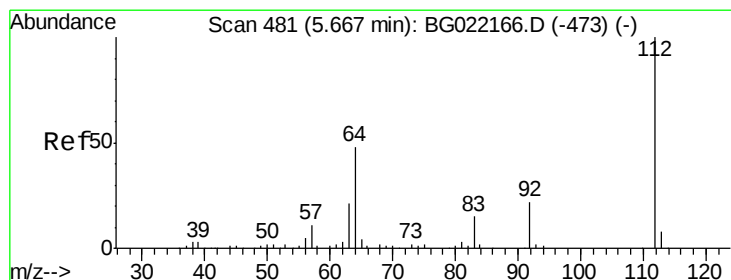
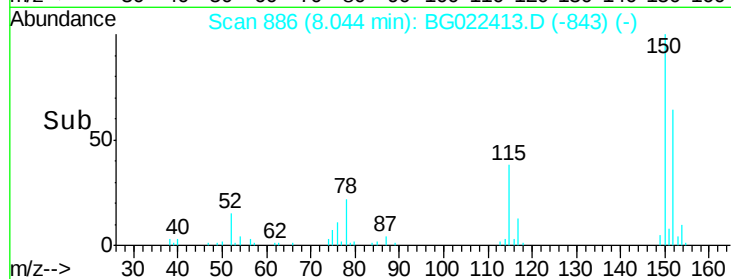
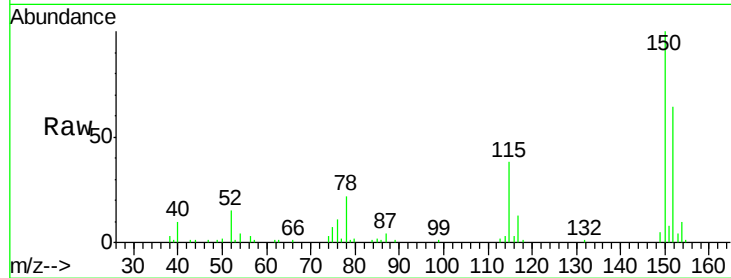
Tgt Ion:152 Resp: 23970

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

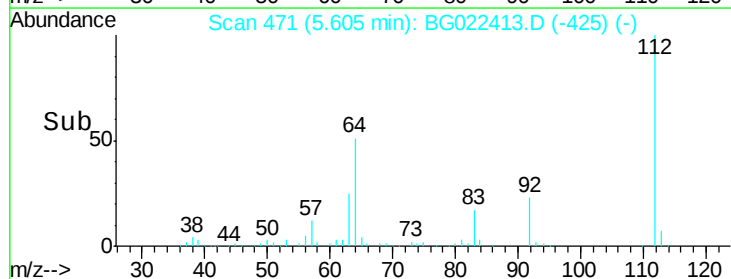
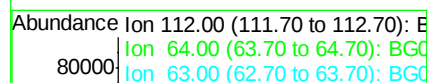
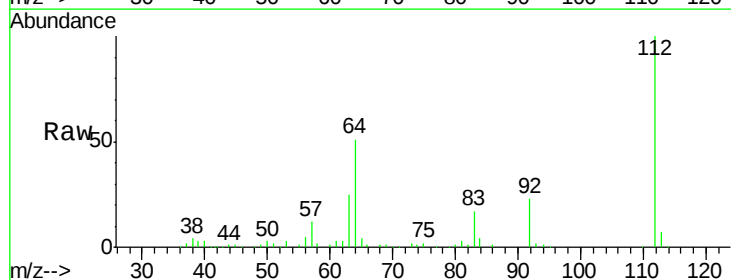
Tgt Ion:112 Resp: 131700

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

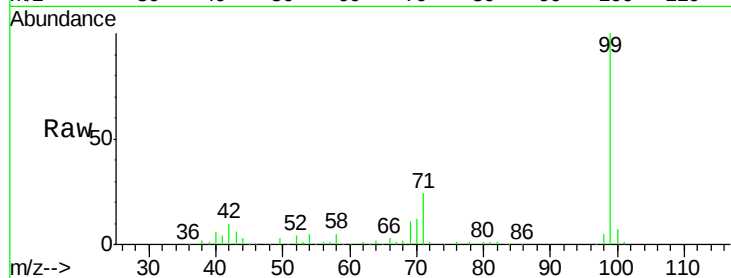
Tgt Ion: 99 Resp: 200482

Ion Ratio Lower Upper

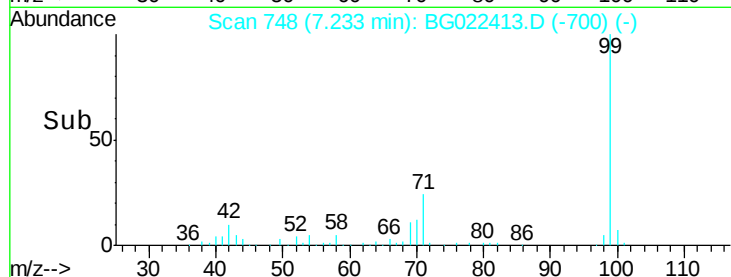
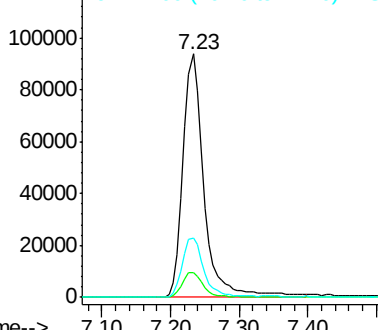
99 100

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

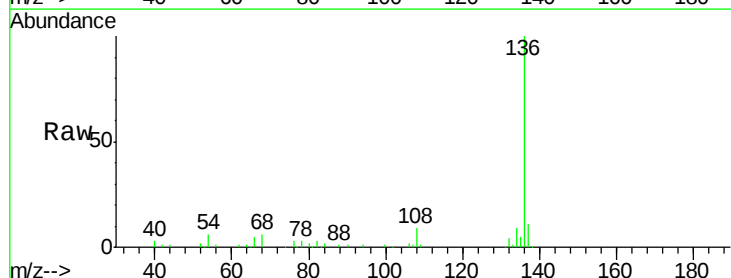
Ion Ratio Lower Upper

136 100

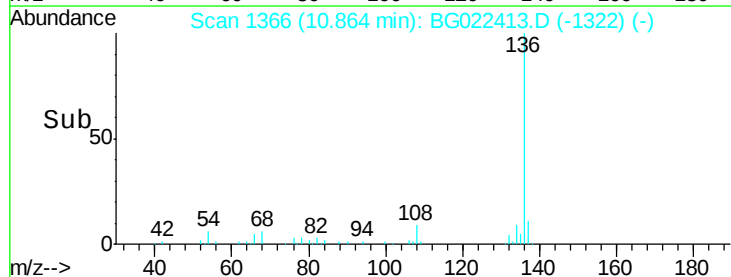
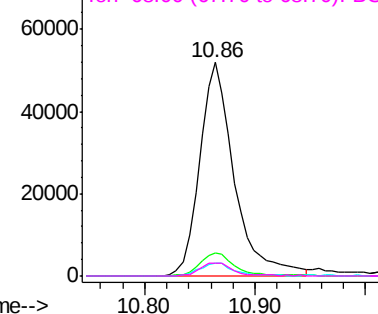
137 10.6 9.0 13.4

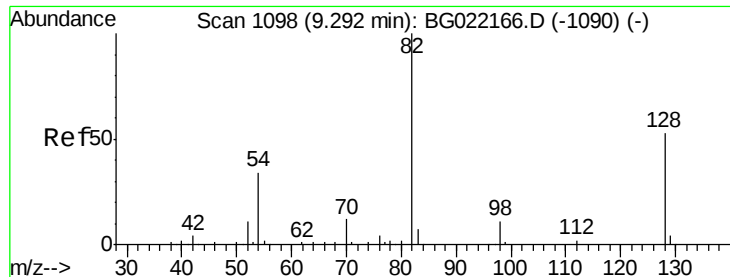
54 6.1 9.6 14.4#

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

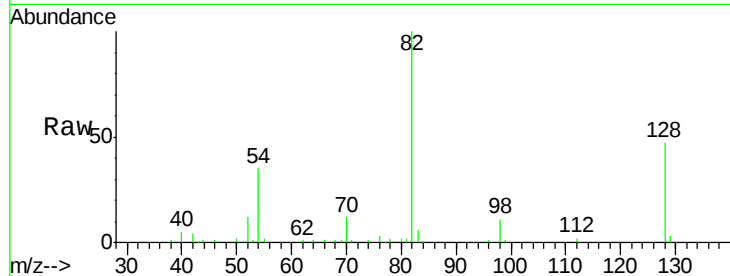




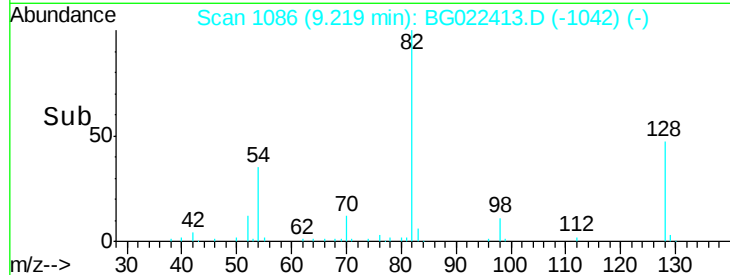
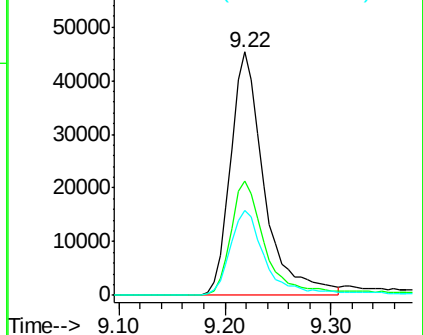
#23
Nitrobenzene-d5
Concen: 61.07 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BG022413.D
Acq: 18 Jun 2016 7:55

Instrument :
BNA_G
ClientSampleId :
SB10-1-3

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

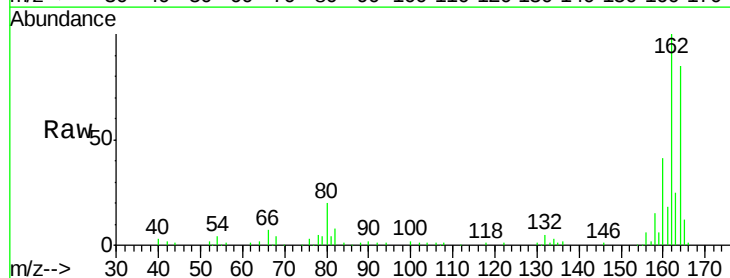


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

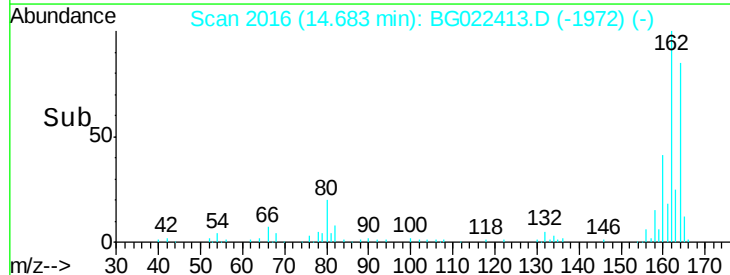
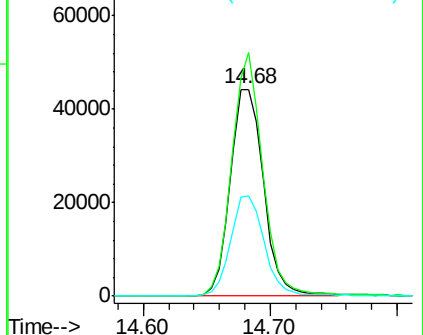


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BG022413.D
Acq: 18 Jun 2016 7:55

Tgt Ion: 164 Resp: 80628
Ion Ratio Lower Upper
164 100
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

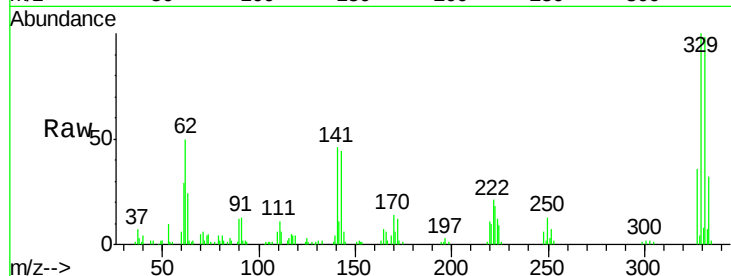




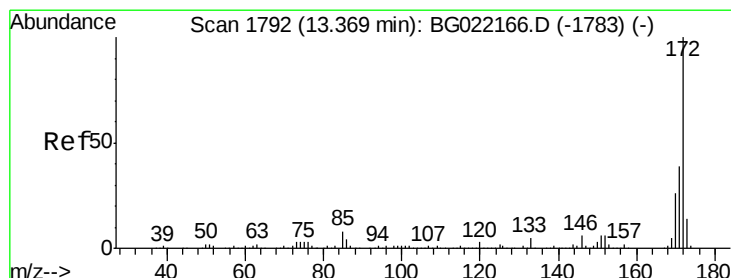
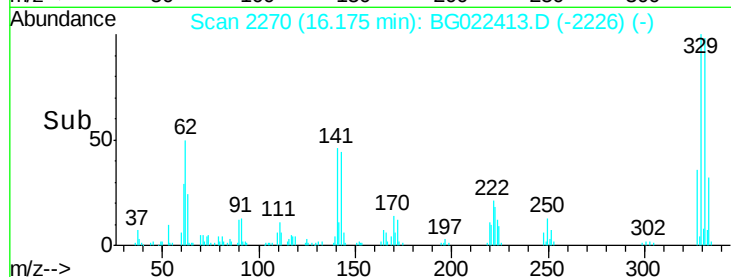
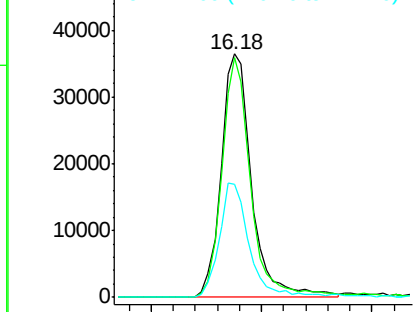
#41
 2,4,6-Tribromophenol
 Concen: 77.15 ng
 RT: 16.18 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022413.D
 Acq: 18 Jun 2016 7:55

Instrument :
 BNA_G
 ClientSampled :
 SB10-1-3

Tgt Ion:330 Resp: 70291
 Ion Ratio Lower Upper
 330 100
 332 93.2 78.0 117.0
 141 46.3 33.8 50.8

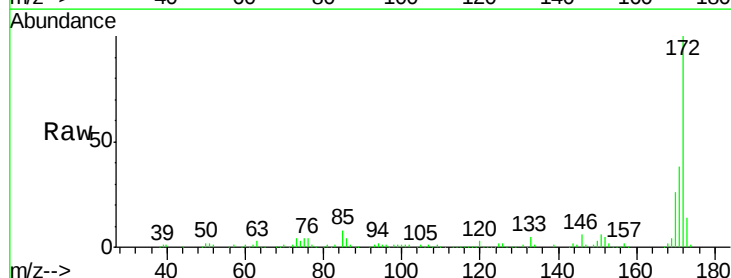


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

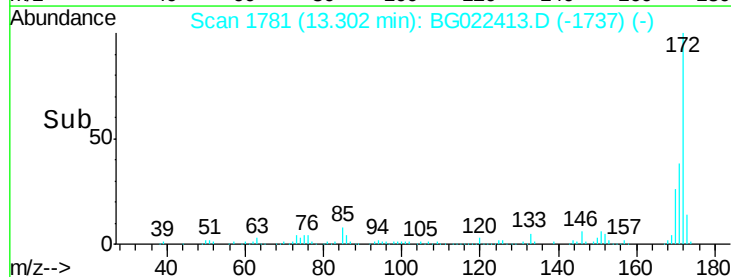
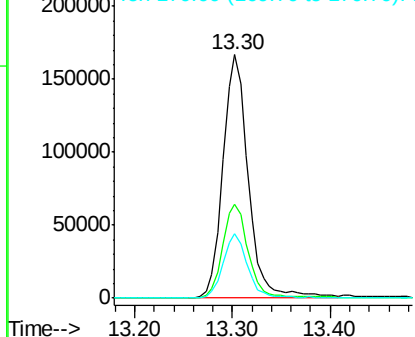


#44
 2-Fluorobiphenyl
 Concen: 57.07 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022413.D
 Acq: 18 Jun 2016 7:55

Tgt Ion:172 Resp: 301938
 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

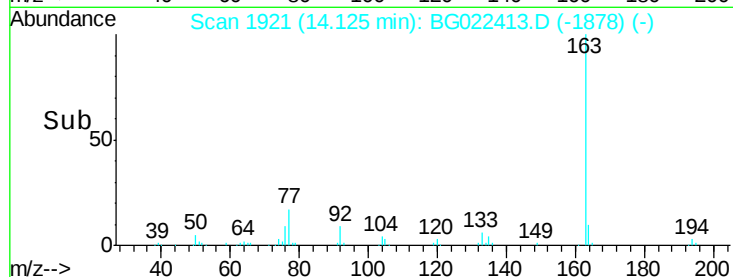
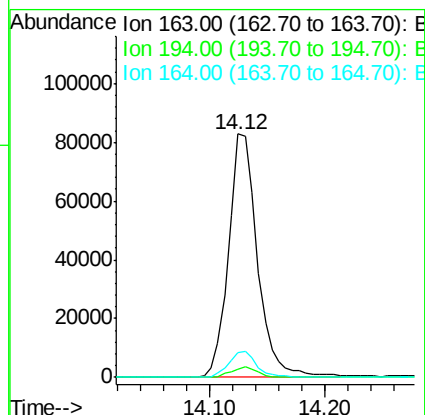
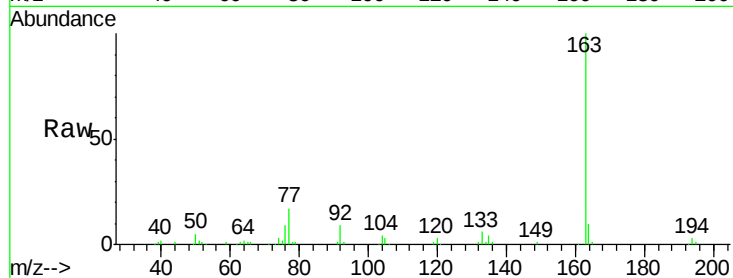




#49
Dimethylphthalate
Concen: 21.56 ng
RT: 14.12 min Scan# 1921
Delta R.T. -0.05 min
Lab File: BG022413.D
Acq: 18 Jun 2016 7:55

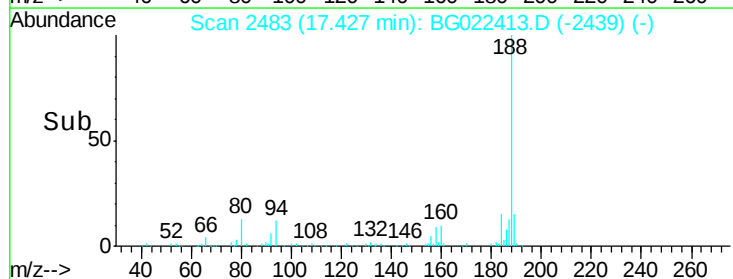
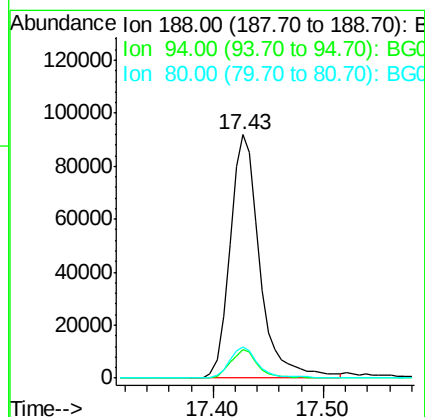
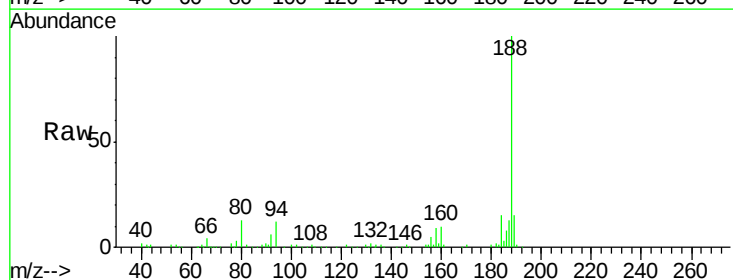
Instrument :
BNA_G
ClientSampled :
SB10-1-3

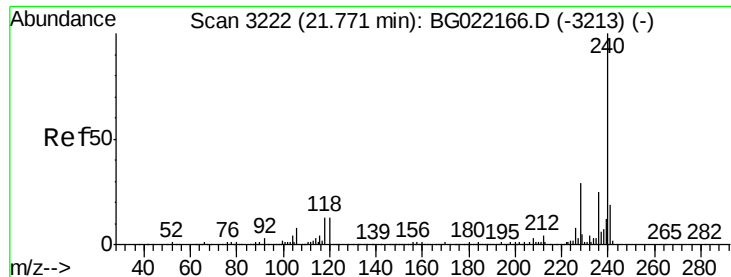
Tgt Ion:163 Resp: 144100
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 10.3 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2483
Delta R.T. -0.04 min
Lab File: 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

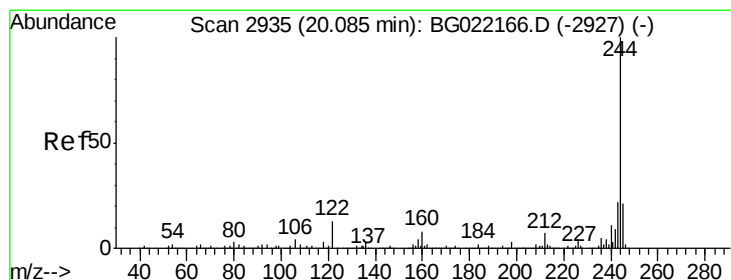
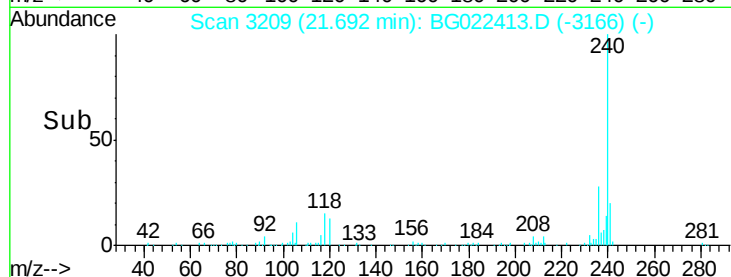
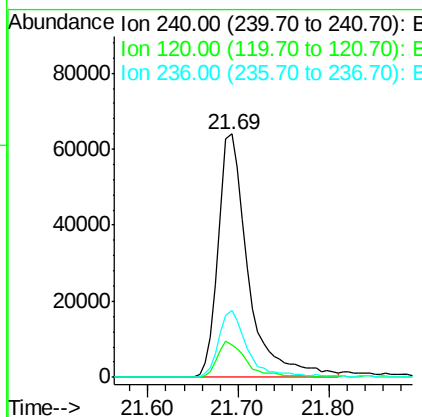
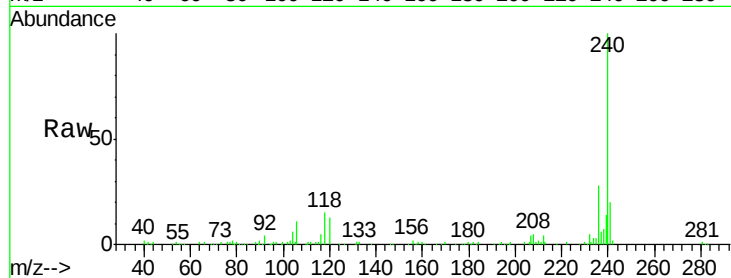




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3209
Delta R.T. -0.05 min
Lab File: BG022413.D
Acq: 18 Jun 2016 7:55

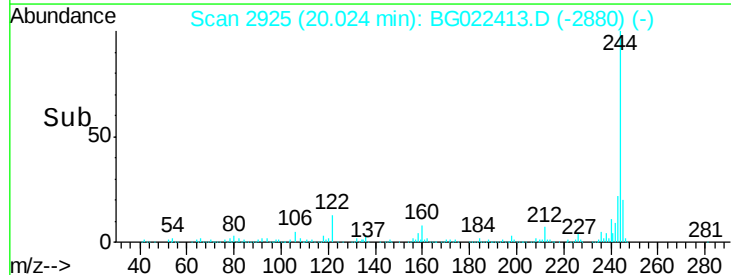
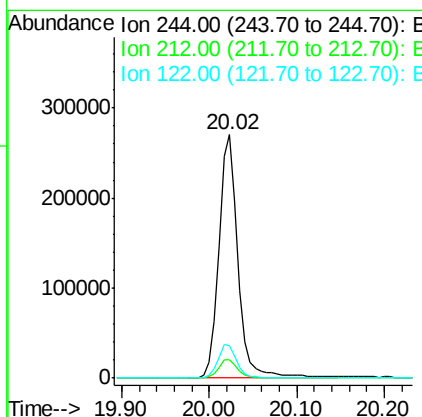
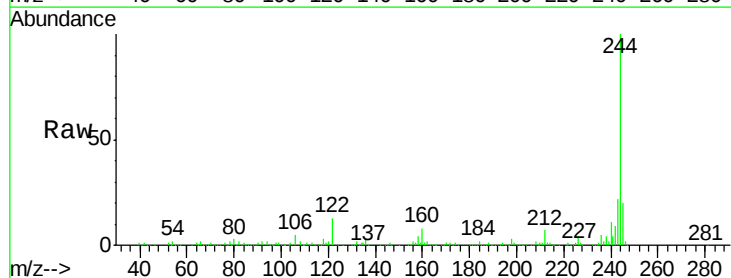
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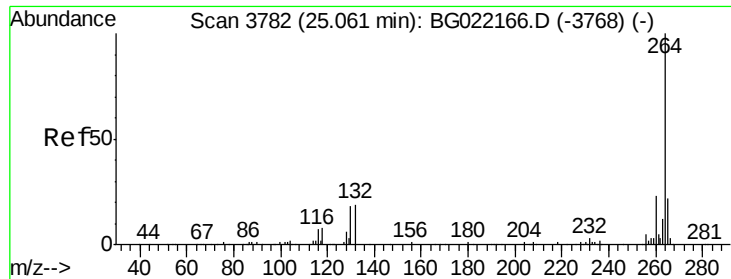
Tgt Ion:240 Resp: 147430
Ion Ratio Lower Upper
240 100
120 13.4 8.4 12.6#
236 27.7 19.6 29.4



#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#





#86
Perylene-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

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

