

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022310.D
 Acq On : 11 Jun 2016 6:36
 Operator : UM/SJ
 Sample : H3448-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3-VE-PILE-WALL(0-2)

Quant Time: Jun 12 03:10:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

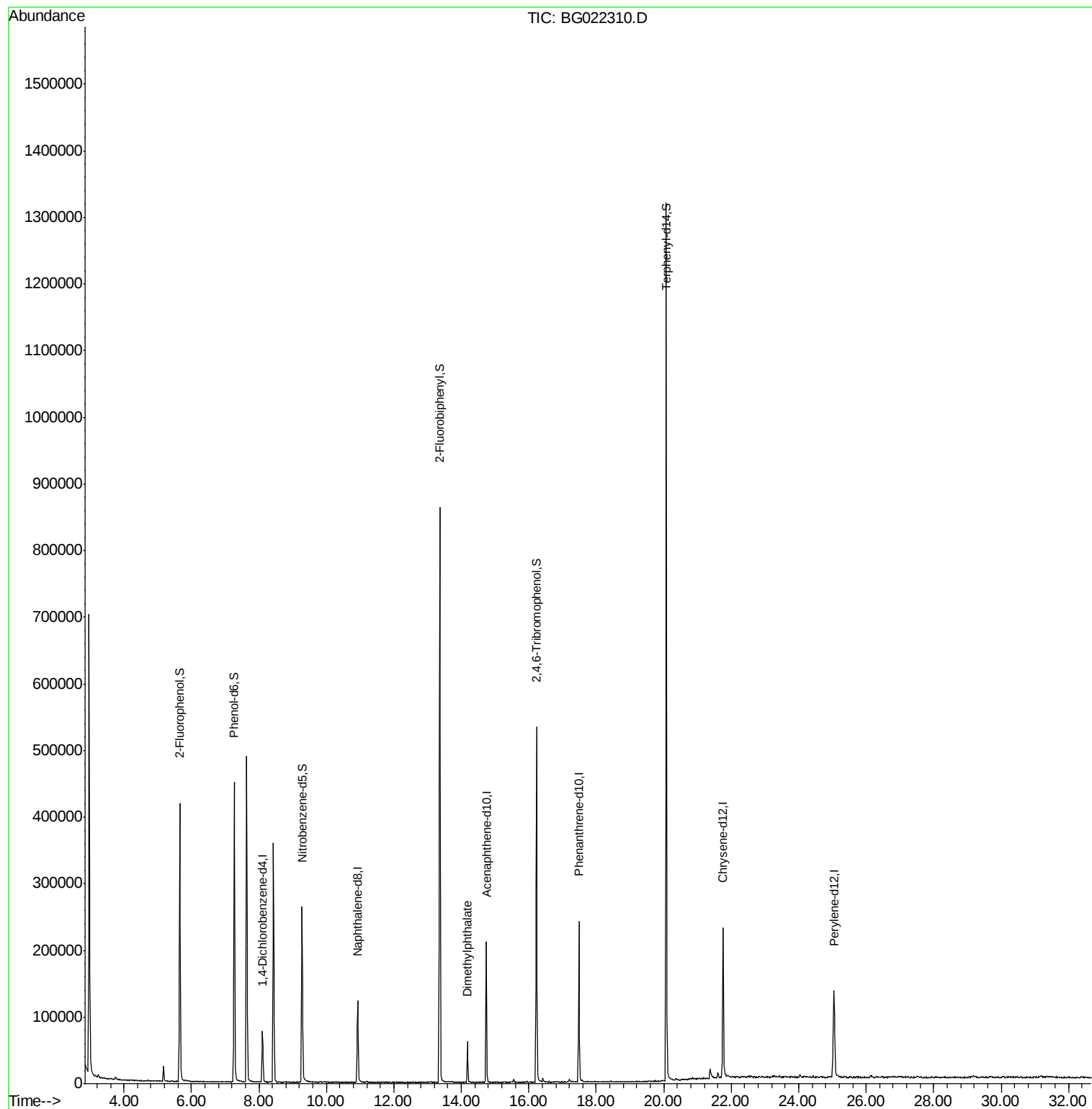
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	28508	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	137440	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	79621	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	163553	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	151119	20.00	ng	-0.02
86) Perylene-d12	25.05	264	143359	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	268210	181.90	ng	-0.01
7) Phenol-d6	7.26	99	391697	168.96	ng	-0.01
23) Nitrobenzene-d5	9.28	82	211422	107.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.22	330	111906	124.38	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	504180	96.50	ng	-0.01
78) Terphenyl-d14	20.07	244	608230	95.55	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.18	163	52756	7.99	ng	Qvalue 98

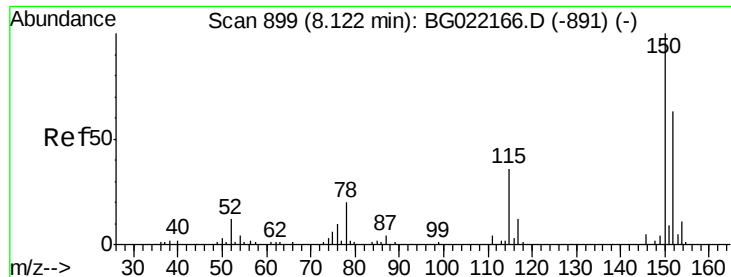
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

Instrument :

BNA_G

ClientSampleId :

3-VE-PILE-WALL(0-2)

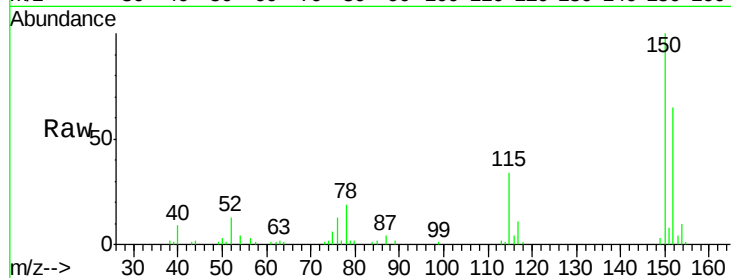
Tgt Ion:152 Resp: 28508

Ion Ratio Lower Upper

152 100

150 153.8 130.1 195.1

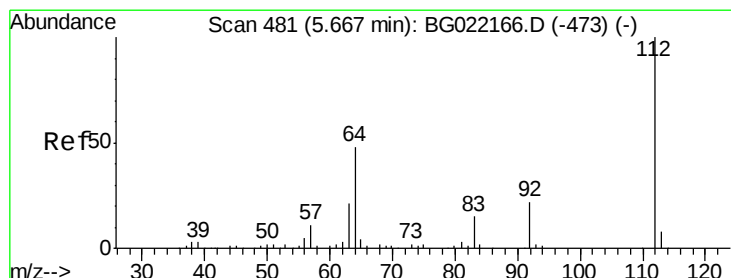
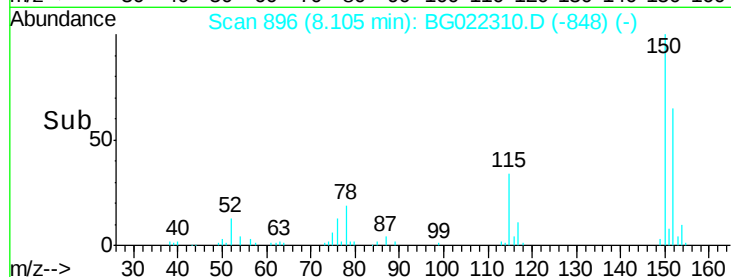
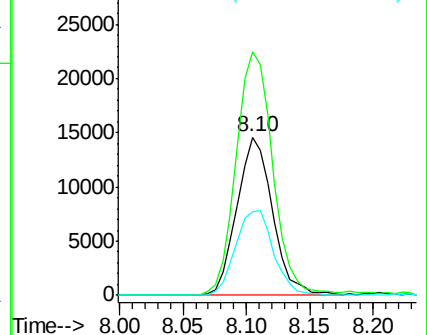
115 53.0 62.2 93.2#



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: 181.90 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

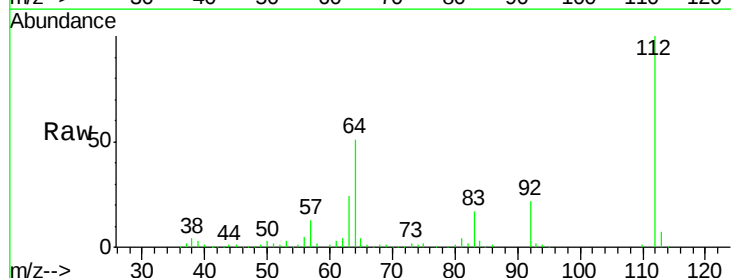
Tgt Ion:112 Resp: 268210

Ion Ratio Lower Upper

112 100

64 51.4 51.1 76.7

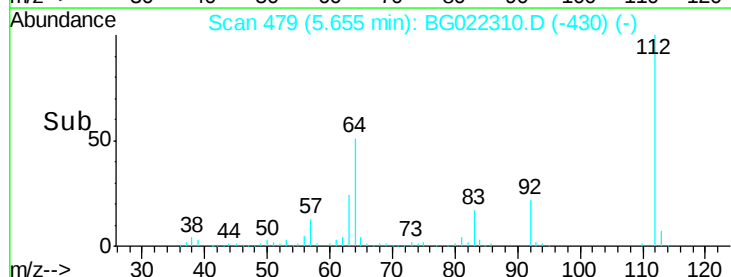
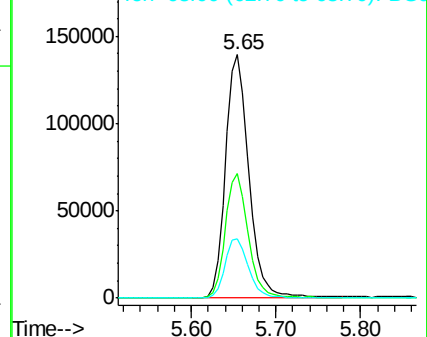
63 24.2 24.6 37.0#

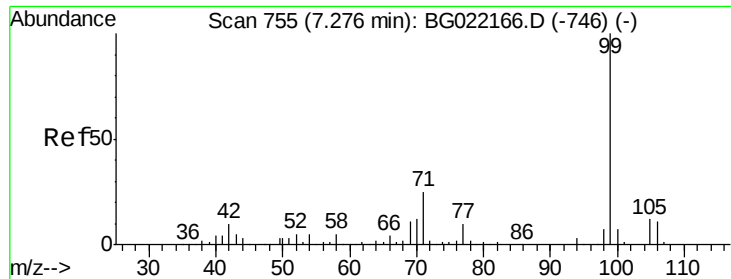


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 168.96 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

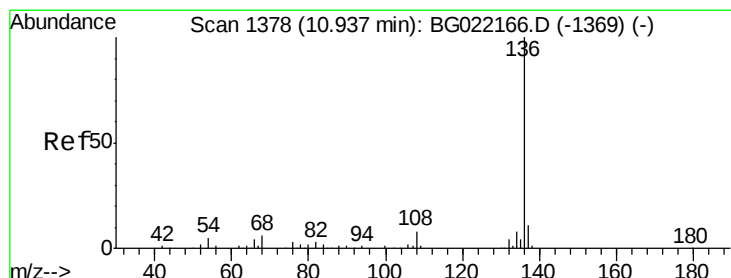
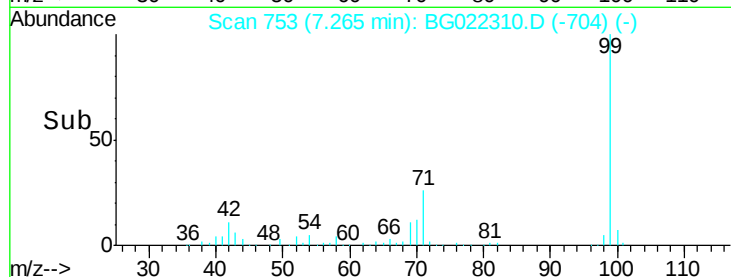
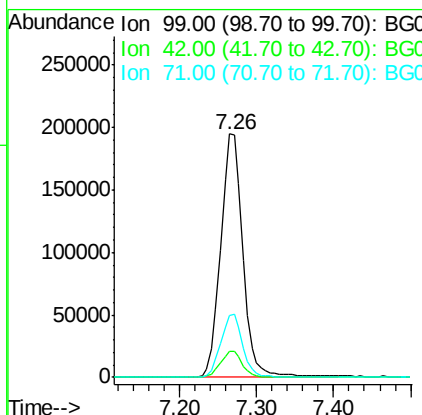
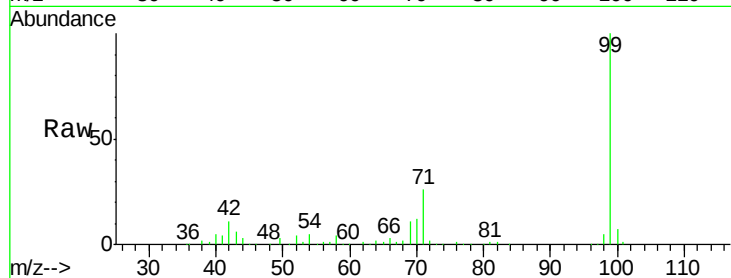
Instrument :

BNA_G

ClientSampleId :

3-VE-PILE-WALL(0-2)

Tgt Ion:	99	Resp:	391697
Ion	Ratio	Lower	Upper
99	100		
42	10.6	16.4	24.6#
71	25.5	25.0	37.4



#21

Naphthalene-d8

Concen: 20.00 ng

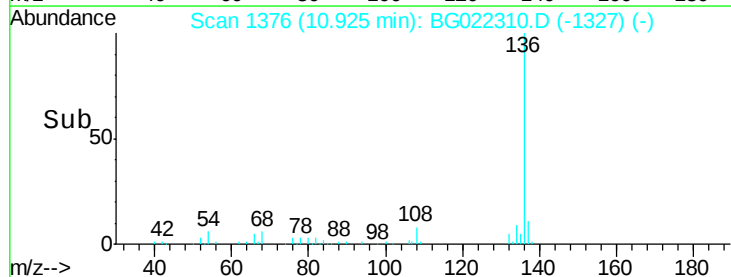
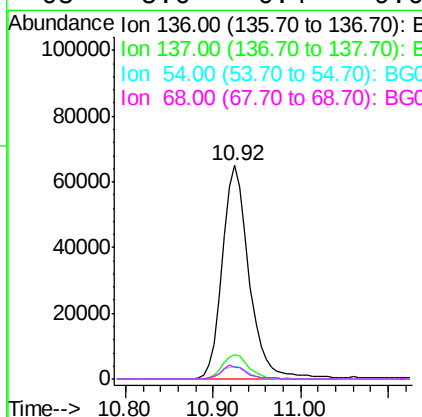
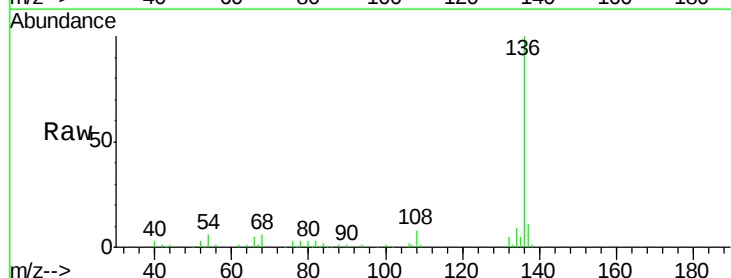
RT: 10.92 min Scan# 1376

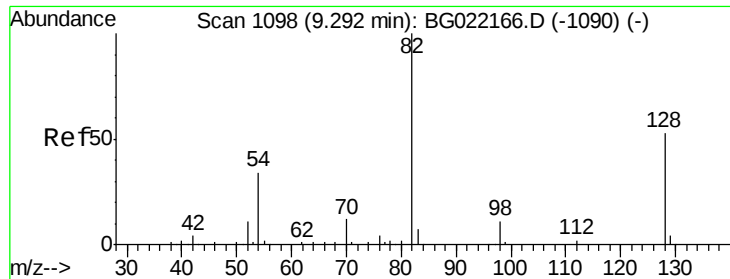
Delta R.T. -0.01 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

Tgt Ion:	136	Resp:	137440
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.3	9.6	14.4#
68	5.6	6.4	9.6#

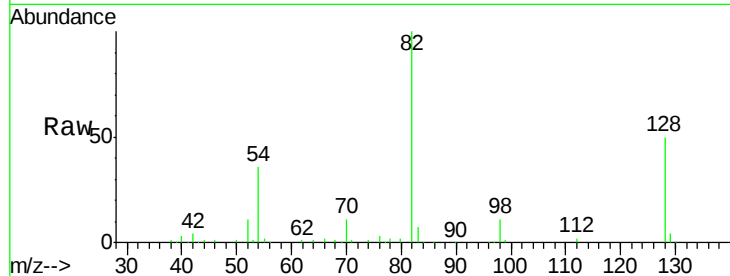




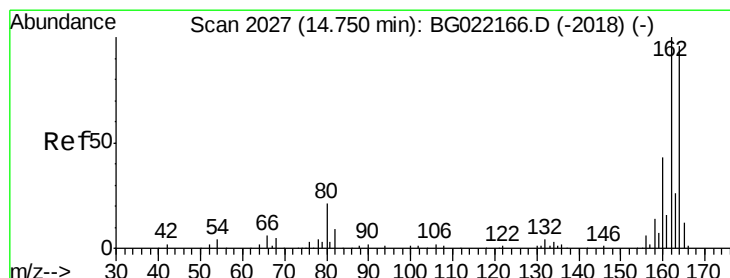
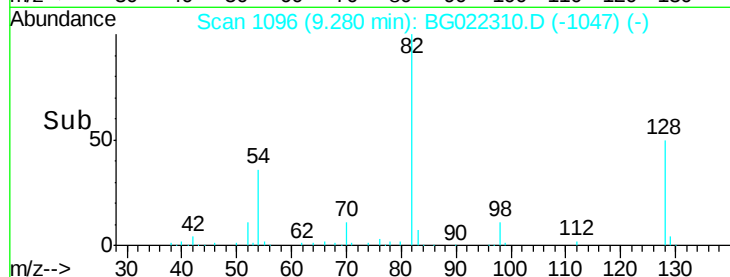
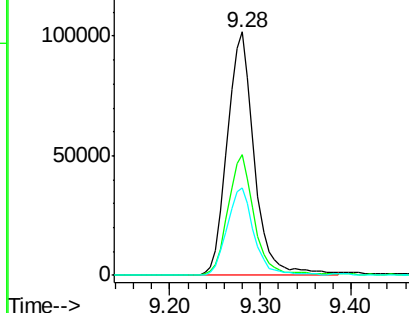
#23
 Nitrobenzene-d5
 Concen: 107.25 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG022310.D
 Acq: 11 Jun 2016 6:36

Instrument :
 BNA_G
 ClientSampleId :
 3-VE-PILE-WALL(0-2)

Tgt Ion: 82 Resp: 211422
 Ion Ratio Lower Upper
 82 100
 128 49.8 33.4 50.0
 54 36.0 46.1 69.1#

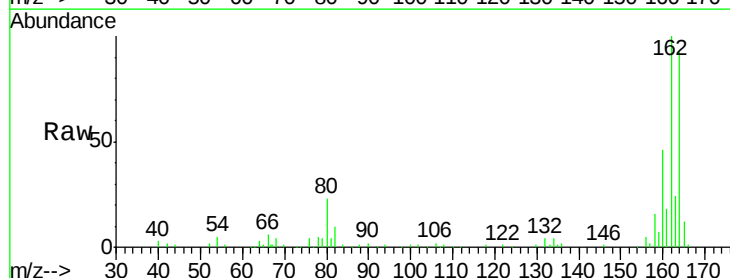


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

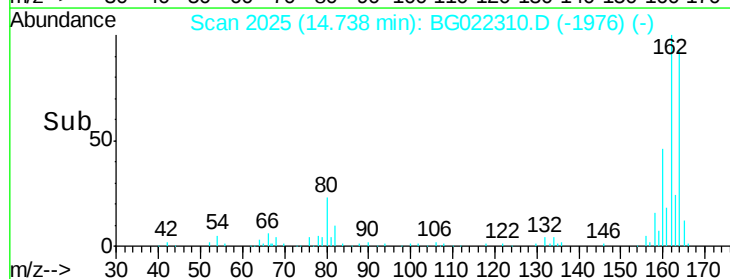
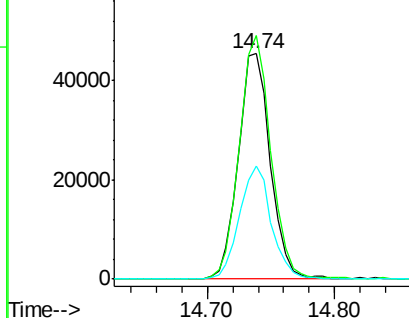


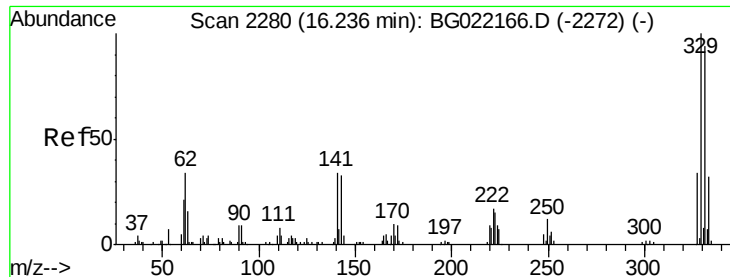
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022310.D
 Acq: 11 Jun 2016 6:36

Tgt Ion: 164 Resp: 79621
 Ion Ratio Lower Upper
 164 100
 162 108.0 78.0 117.0
 160 50.0 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

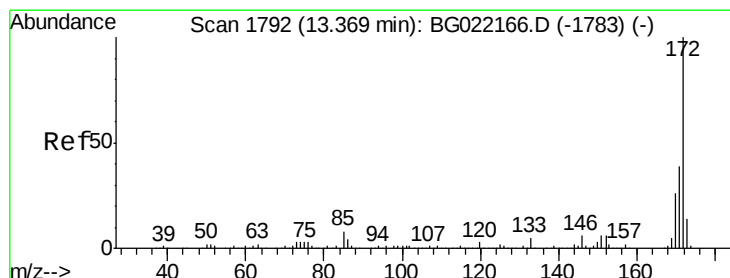
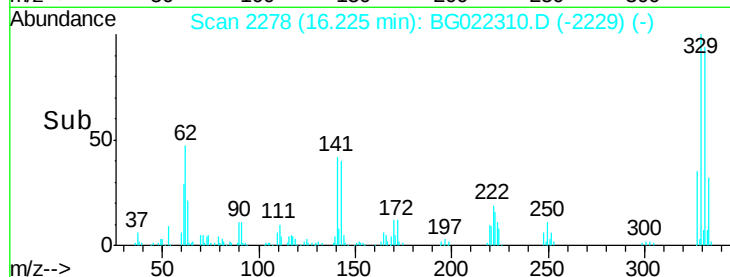
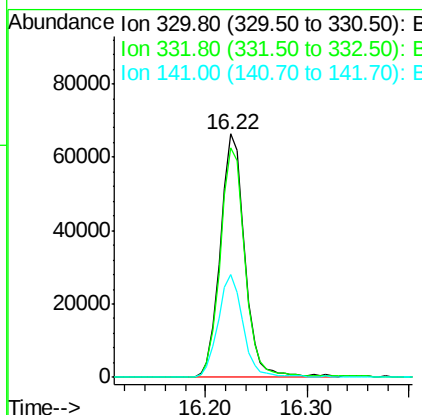
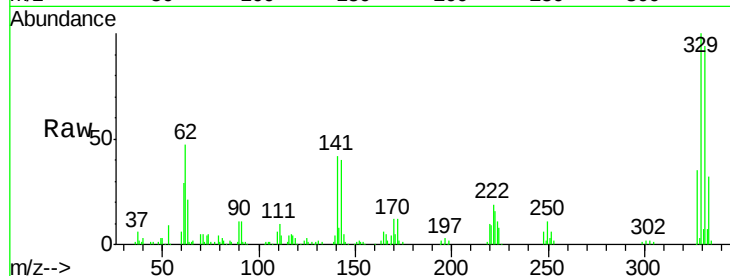




#41
 2,4,6-Tribromophenol
 Concen: 124.38 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG022310.D
 Acq: 11 Jun 2016 6:36

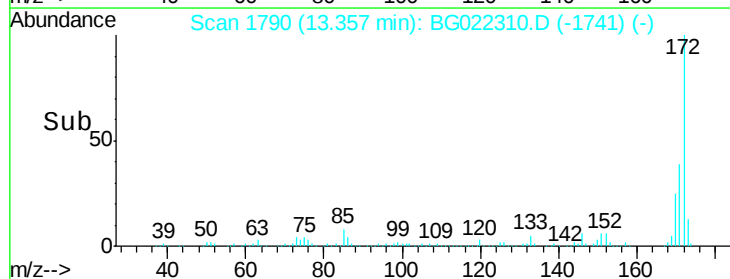
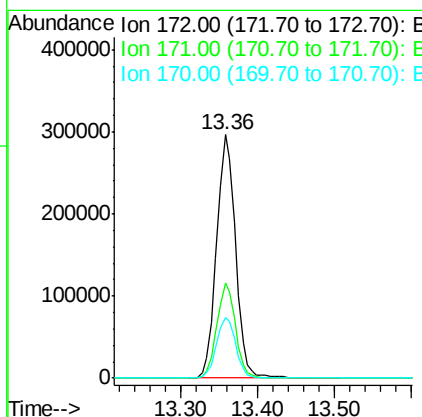
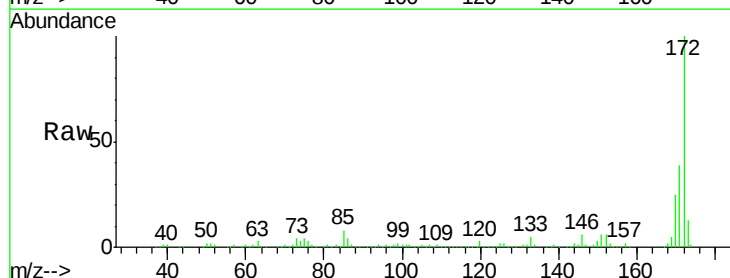
Instrument :
 BNA_G
 ClientSampleId :
 3-VE-PILE-WALL(0-2)

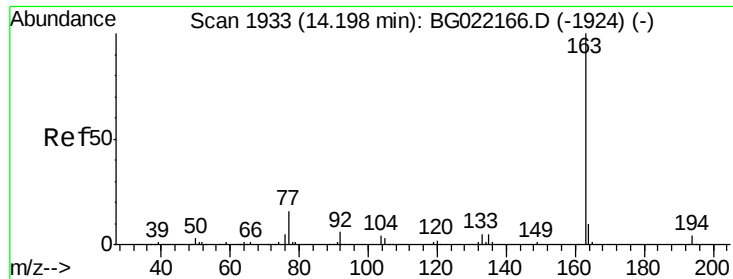
Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	78.0	117.0	
141	42.7	33.8	50.8	



#44
 2-Fluorobiphenyl
 Concen: 96.50 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG022310.D
 Acq: 11 Jun 2016 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.9	27.8	41.6	
170	24.8	19.6	29.4	





#49

Dimethylphthalate

Concen: 7.99 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

Instrument :

BNA_G

ClientSampleId :

3-VE-PILE-WALL(0-2)

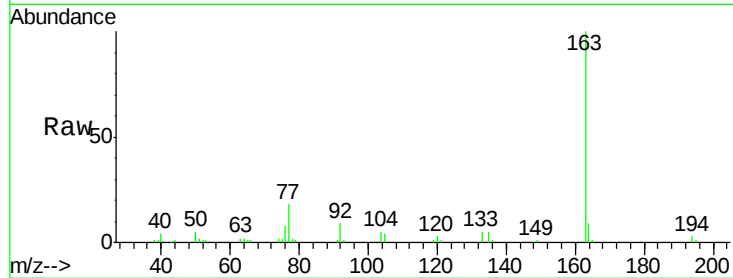
Tgt Ion:163 Resp: 52756

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

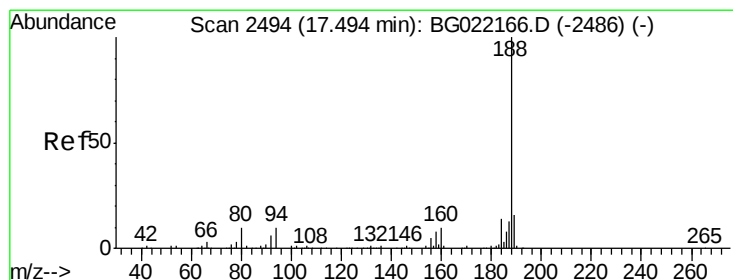
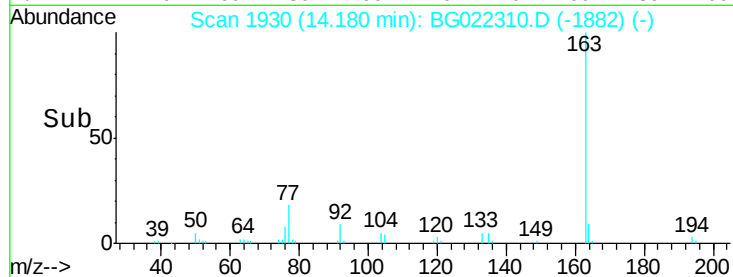
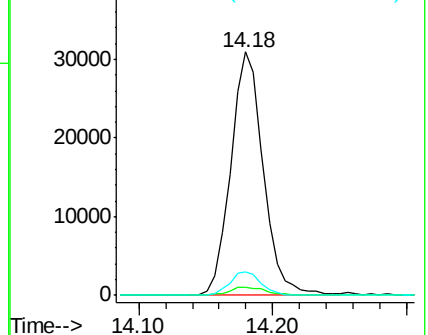
164 9.4 8.1 12.1



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: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

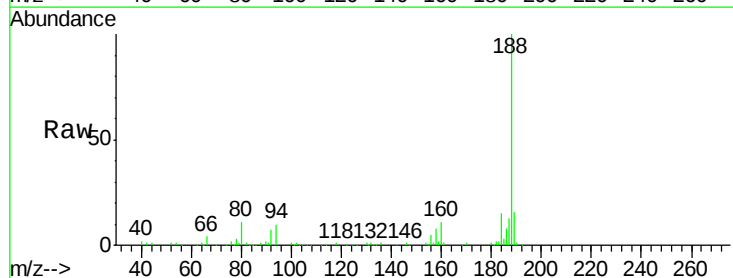
Tgt Ion:188 Resp: 163553

Ion Ratio Lower Upper

188 100

94 10.2 7.5 11.3

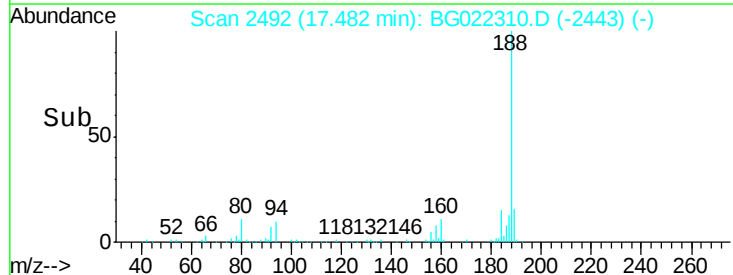
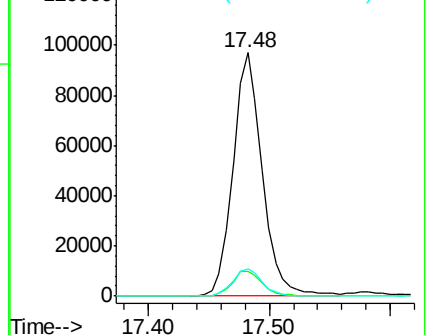
80 11.0 8.6 13.0

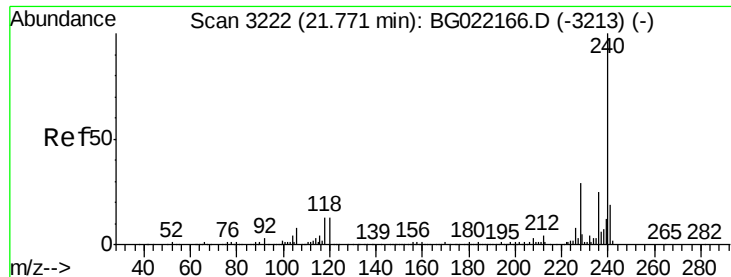


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

Instrument :

BNA_G

ClientSampleId :

3-VE-PILE-WALL(0-2)

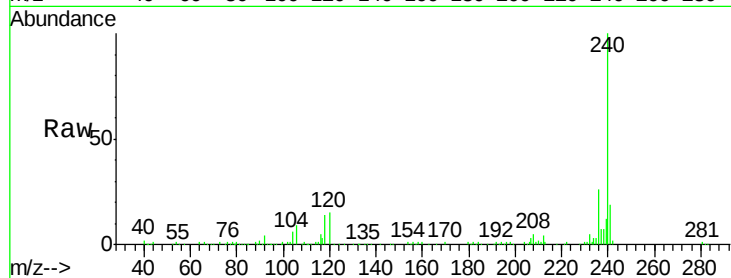
Tgt Ion:240 Resp: 151119

Ion Ratio Lower Upper

240 100

120 14.6 8.4 12.6#

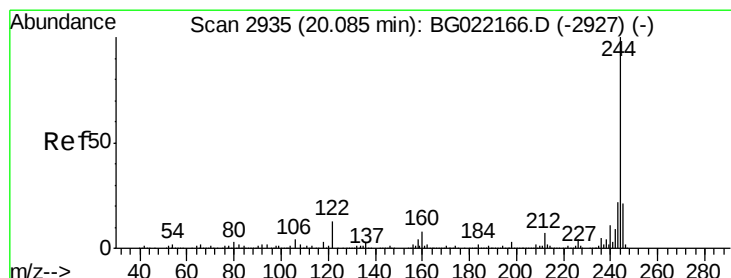
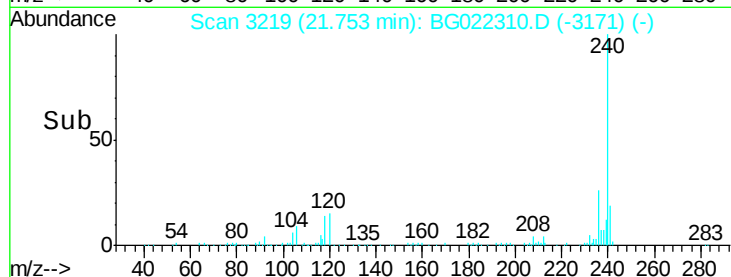
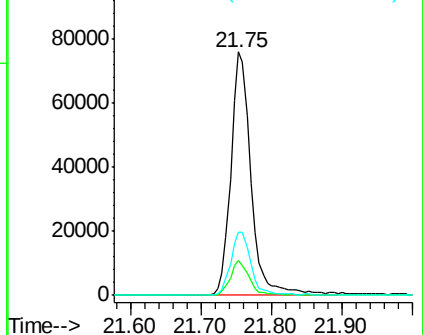
236 25.8 19.6 29.4



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: 95.55 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.01 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

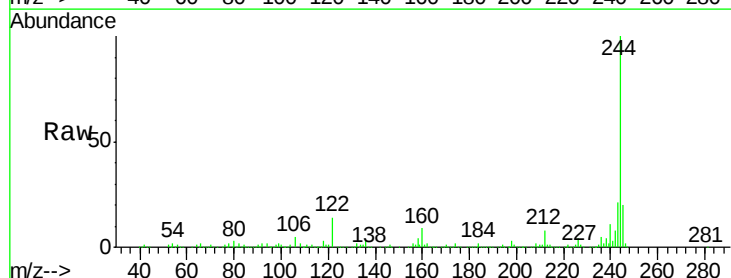
Tgt Ion:244 Resp: 608230

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

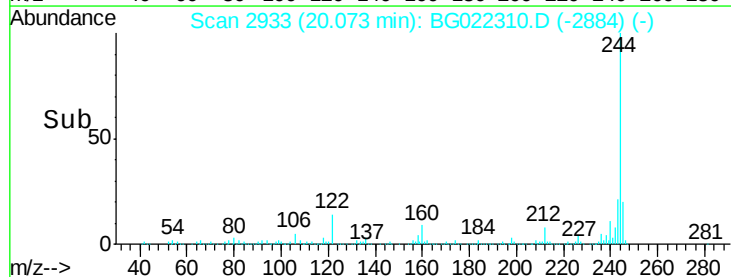
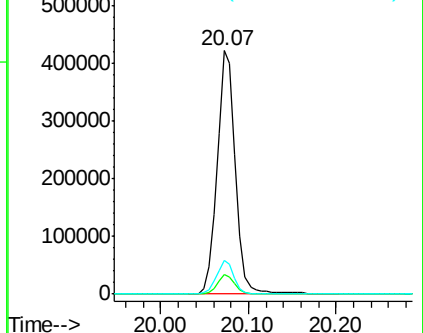
122 14.0 8.6 12.8#

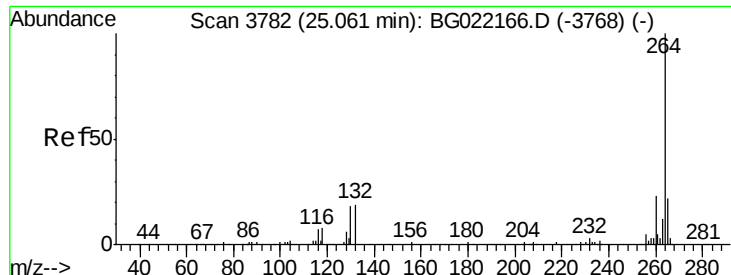


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

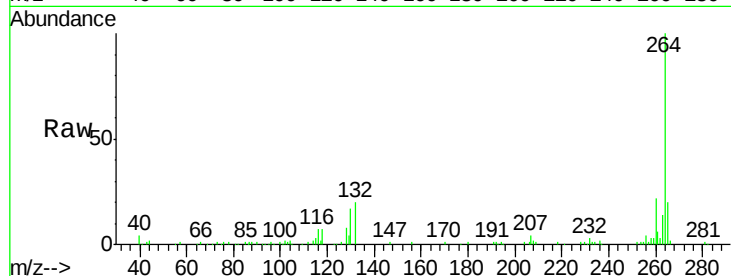




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.01 min
Lab File: BG022310.D
Acq: 11 Jun 2016 6:36

Instrument :
BNA_G
ClientSampleId :
3-VE-PILE-WALL(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	20.2	30.4
265	20.1	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

