

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022311.D
 Acq On : 11 Jun 2016 7:16
 Operator : UM/SJ
 Sample : H3449-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jun 12 02:56:23 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

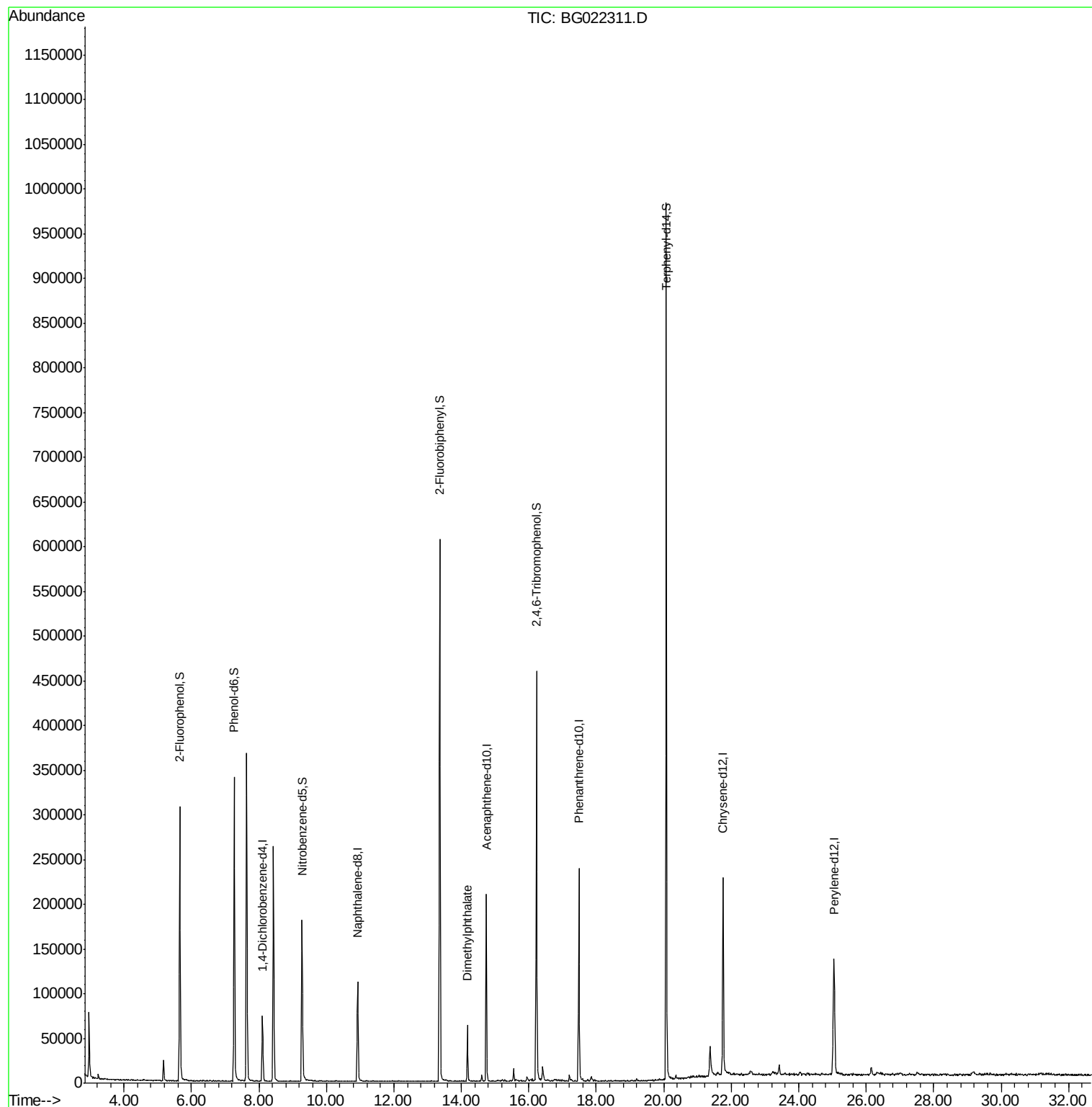
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	26887	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	129031	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	78670	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	173256	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	153199	20.00	ng	-0.02
86) Perylene-d12	25.04	264	145718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	198929	143.05	ng	-0.01
7) Phenol-d6	7.27	99	290748	132.98	ng	-0.01
23) Nitrobenzene-d5	9.27	82	153422	82.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	95399	107.32	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	365304	70.76	ng	-0.01
78) Terphenyl-d14	20.07	244	465288	72.10	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.18	163	51507	7.90	ng	Qvalue 97

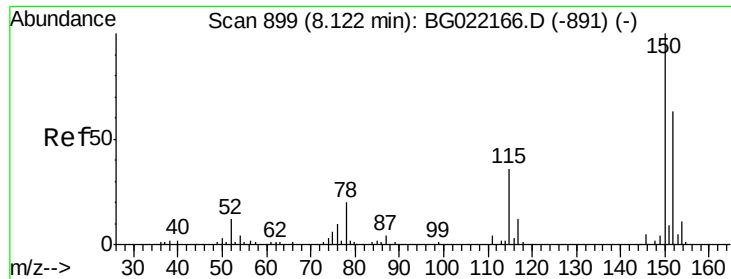
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG022311.D

Acq: 11 Jun 2016 7:16

Instrument :

BNA_G

ClientSampleId :

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

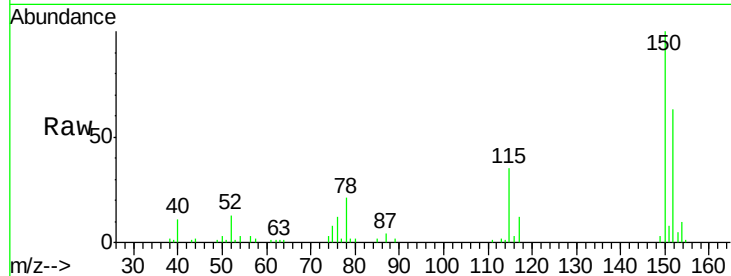
Tgt Ion:152 Resp: 26887

Ion Ratio Lower Upper

152 100

150 157.9 130.1 195.1

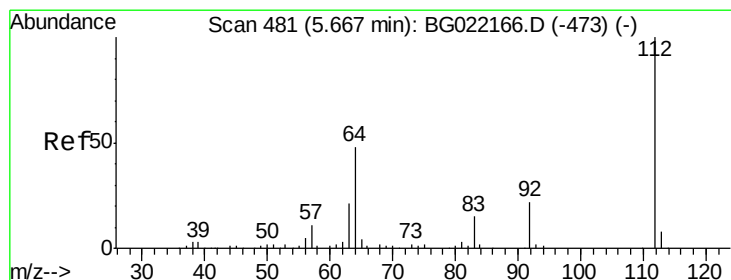
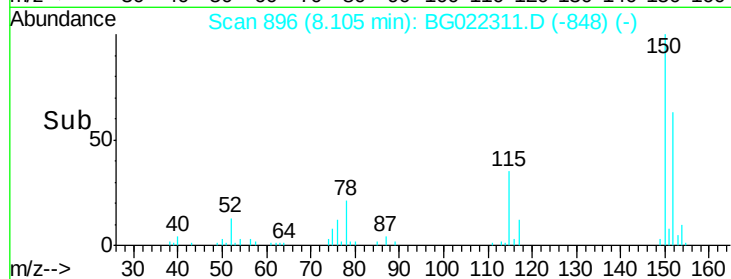
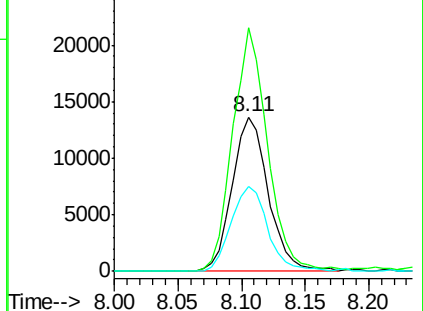
115 54.7 62.2 93.2#



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: 143.05 ng

RT: 5.66 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022311.D

Acq: 11 Jun 2016 7:16

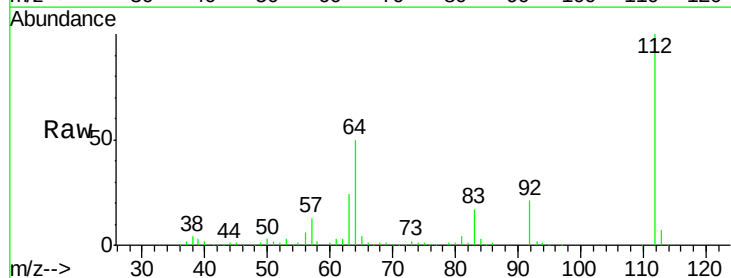
Tgt Ion:112 Resp: 198929

Ion Ratio Lower Upper

112 100

64 50.1 51.1 76.7#

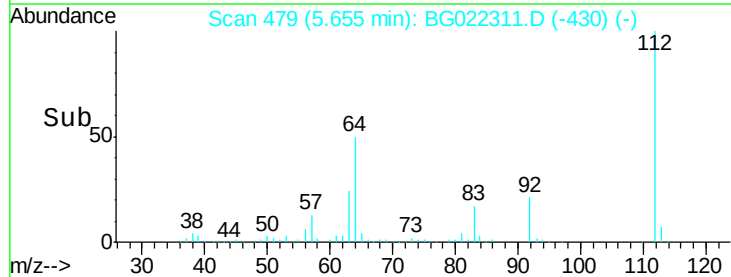
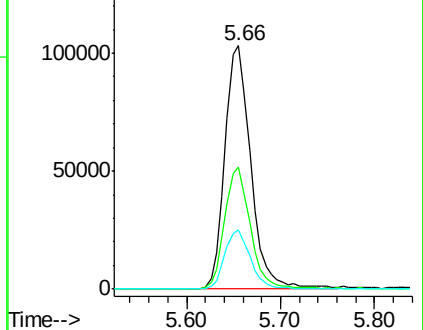
63 24.4 24.6 37.0#

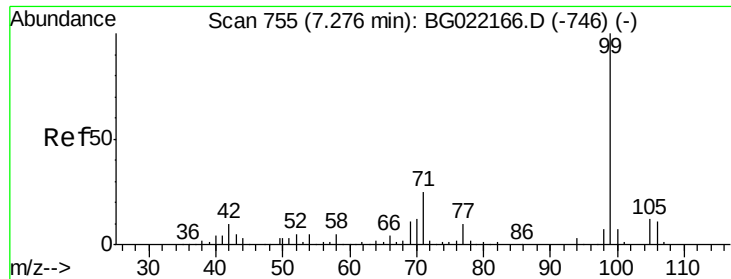


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.98 ng

RT: 7.27 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG022311.D

Acq: 11 Jun 2016 7:16

Instrument :

BNA_G

ClientSampleId :

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

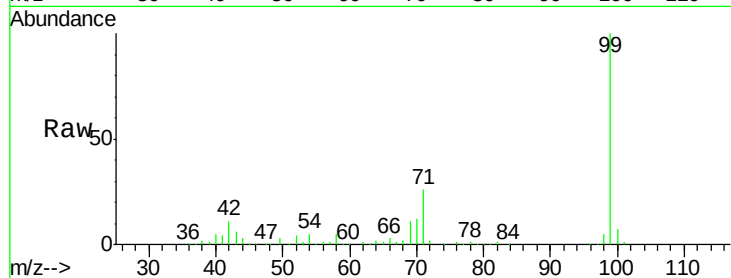
Tgt Ion: 99 Resp: 290748

Ion Ratio Lower Upper

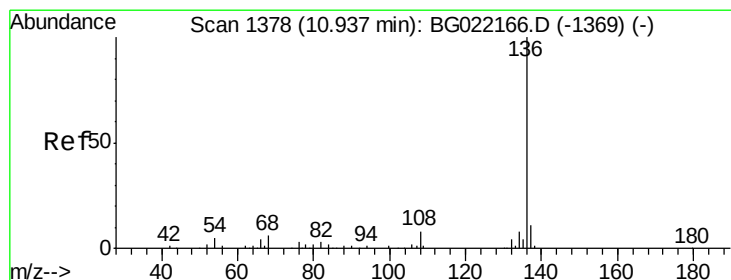
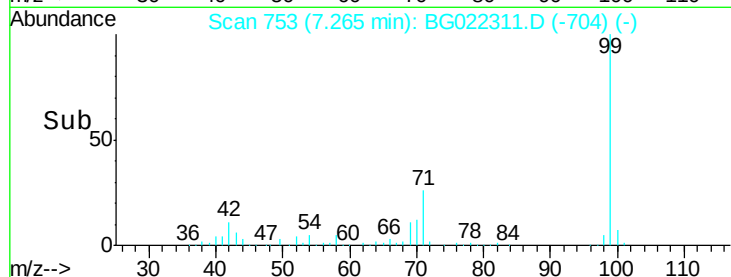
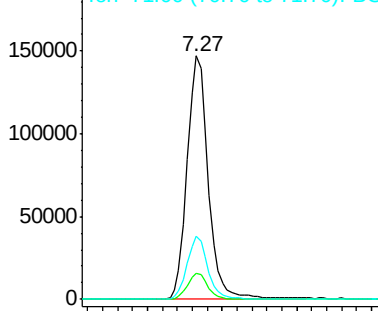
99 100

42 10.7 16.4 24.6#

71 26.0 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: 10.93 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG022311.D

Acq: 11 Jun 2016 7:16

Tgt Ion: 136 Resp: 129031

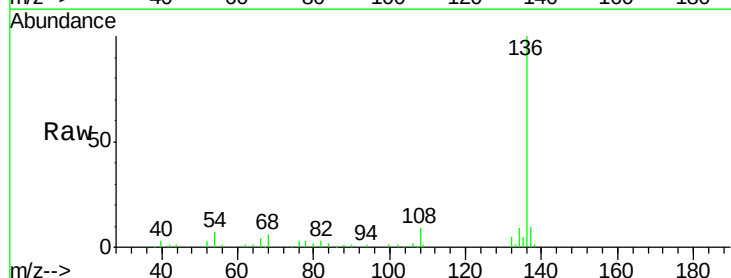
Ion Ratio Lower Upper

136 100

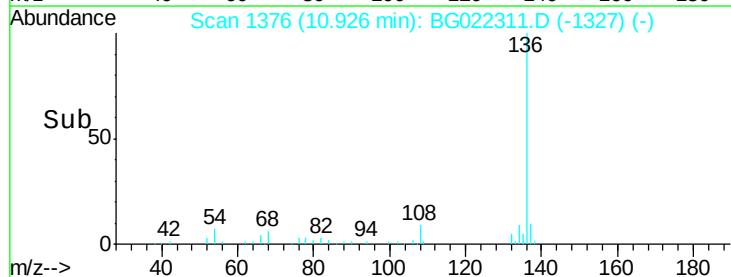
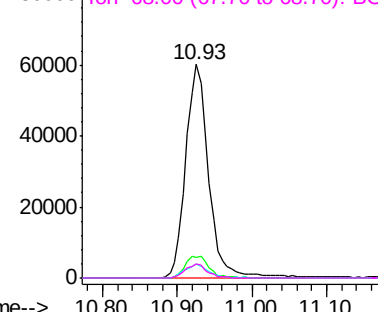
137 9.9 9.0 13.4

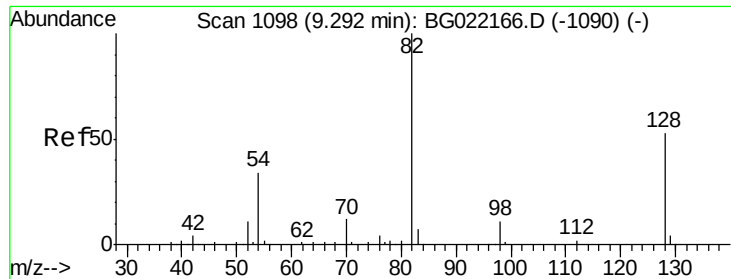
54 6.7 9.6 14.4#

68 6.3 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

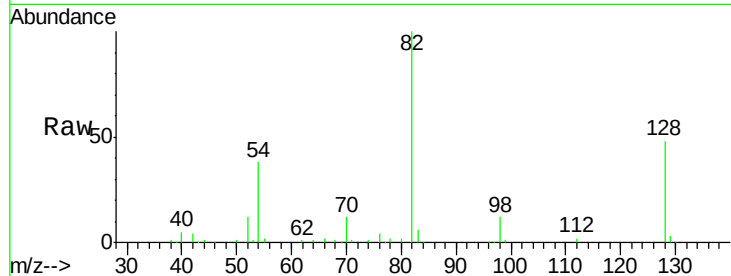




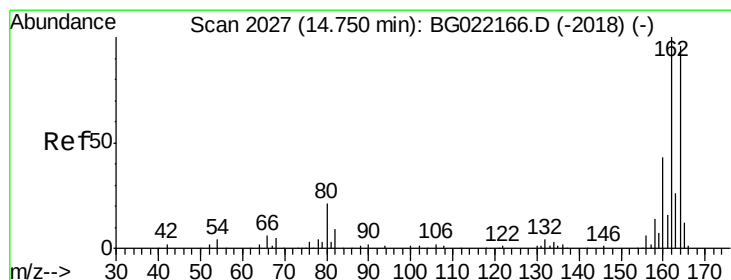
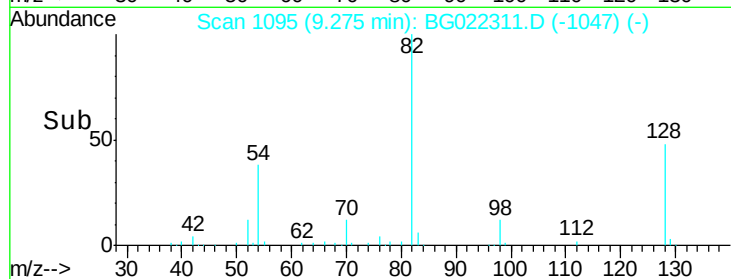
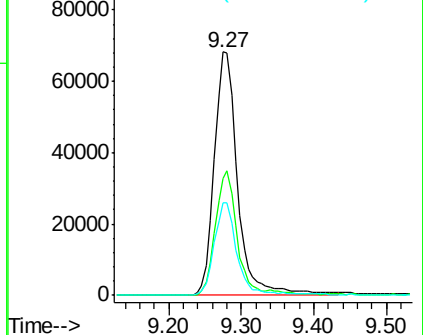
#23
 Nitrobenzene-d5
 Concen: 82.90 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BG022311.D
 Acq: 11 Jun 2016 7:16

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.0	33.4	50.0
54	37.8	46.1	69.1

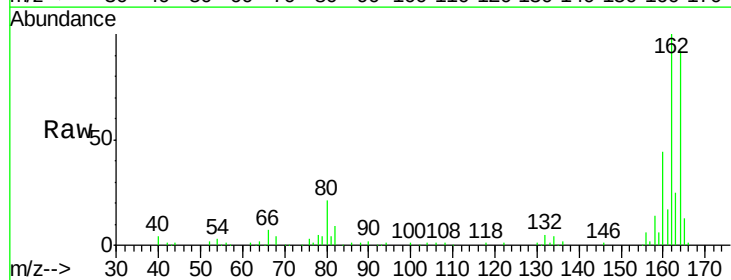


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

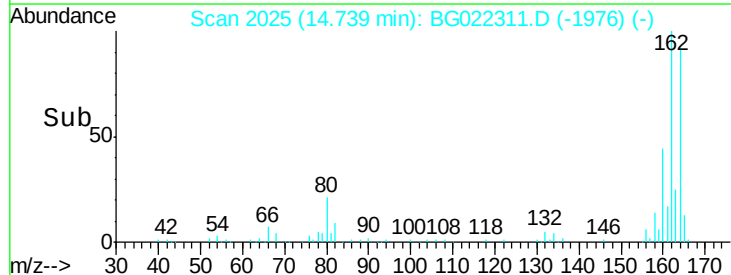
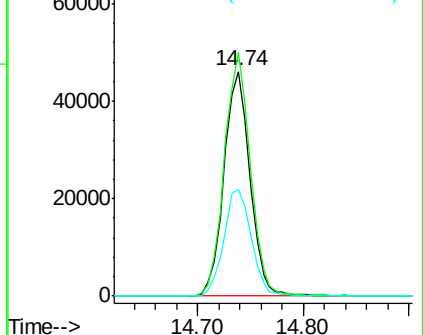


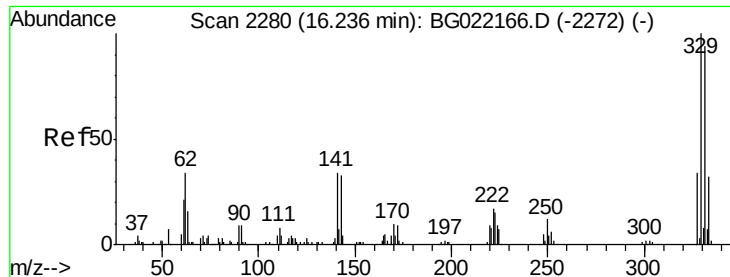
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022311.D
 Acq: 11 Jun 2016 7:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.3	78.0	117.0
160	47.7	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

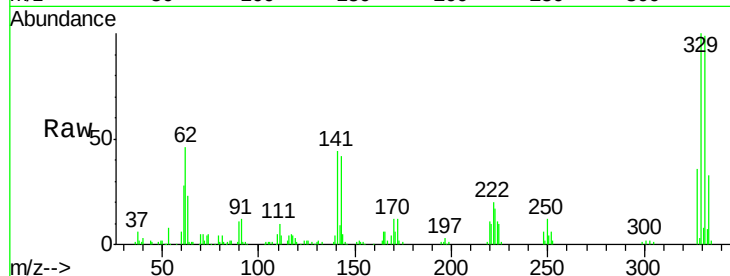




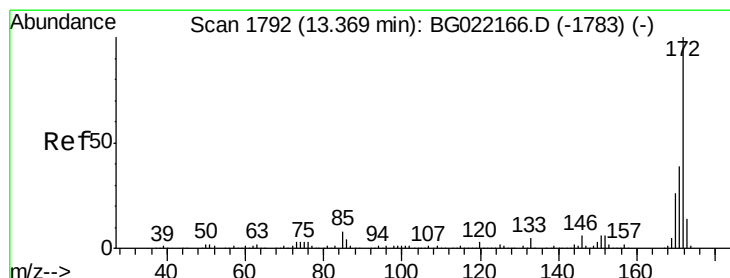
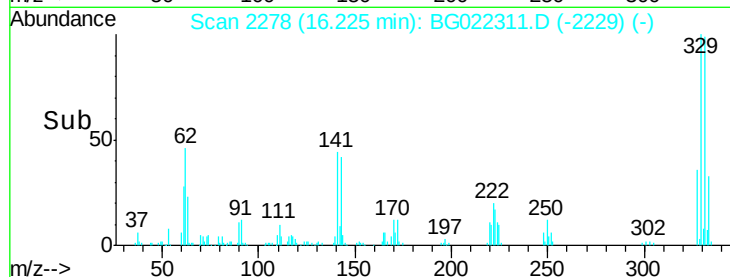
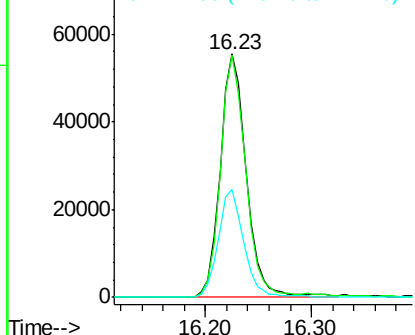
#41
 2,4,6-Tribromophenol
 Concen: 107.32 ng
 RT: 16.23 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG022311.D
 Acq: 11 Jun 2016 7:16

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.0	117.0
141	43.8	33.8	50.8

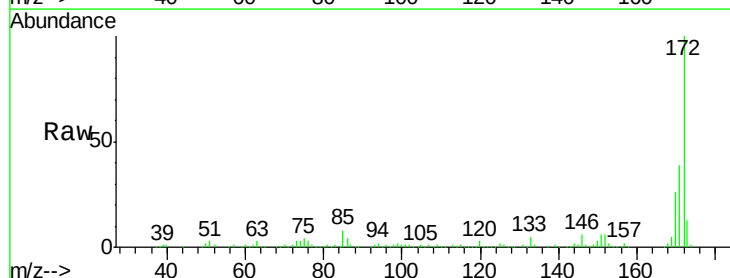


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

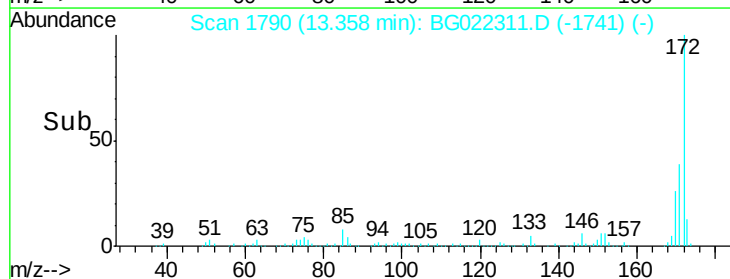
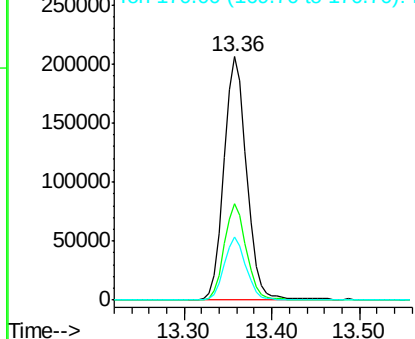


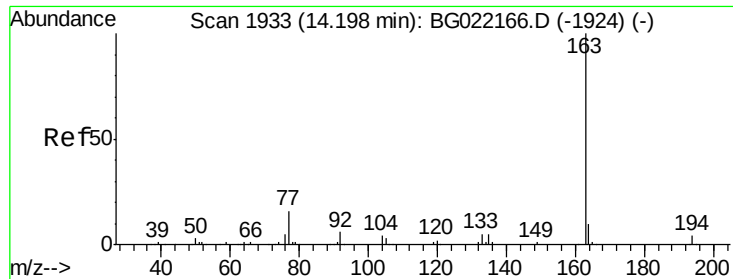
#44
 2-Fluorobiphenyl
 Concen: 70.76 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG022311.D
 Acq: 11 Jun 2016 7:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	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: 7.90 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BG022311.D

Acq: 11 Jun 2016 7:16

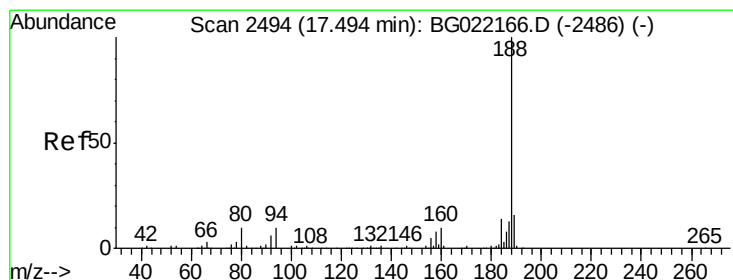
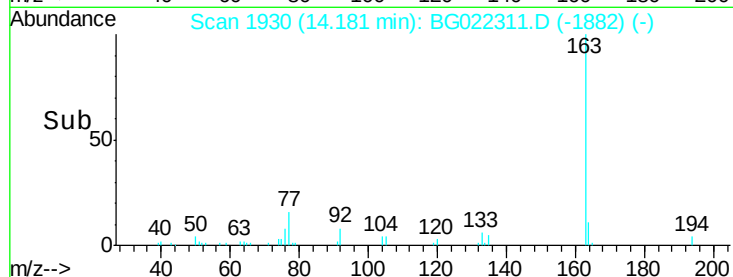
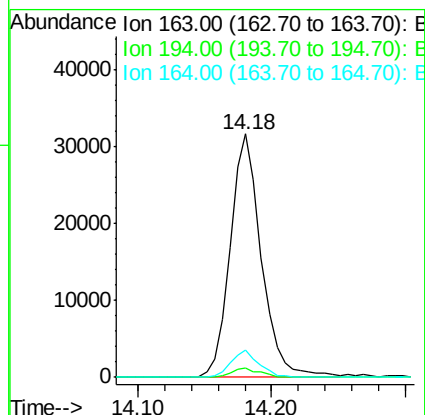
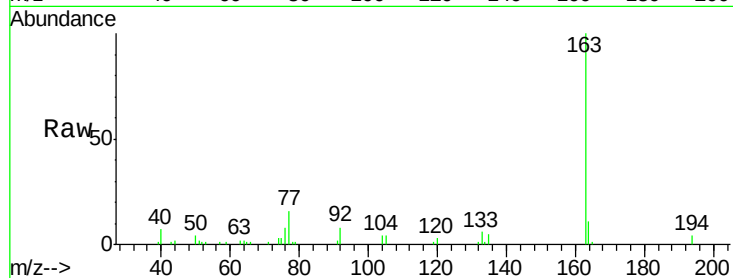
Instrument :

BNA_G

ClientSampleId :

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

Tgt Ion:	163	Resp:	51507
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	11.5	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

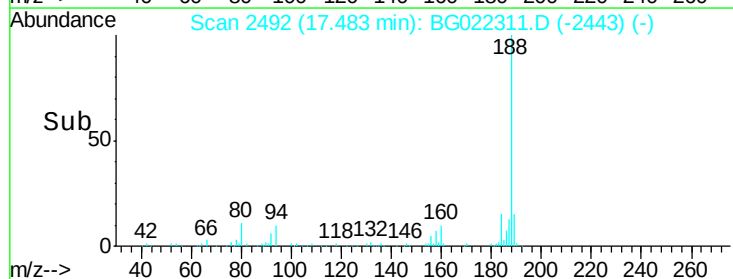
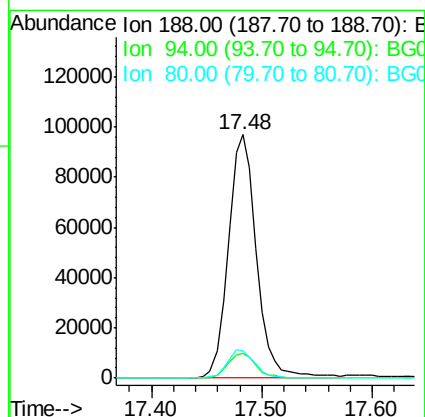
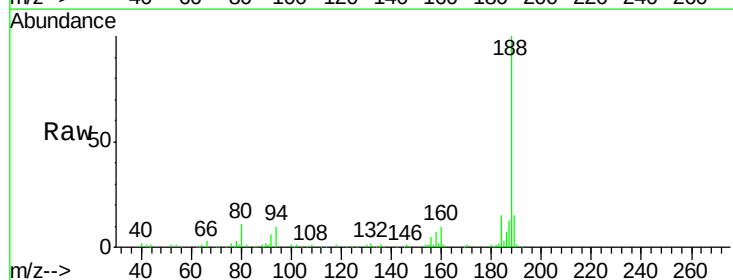
RT: 17.48 min Scan# 2492

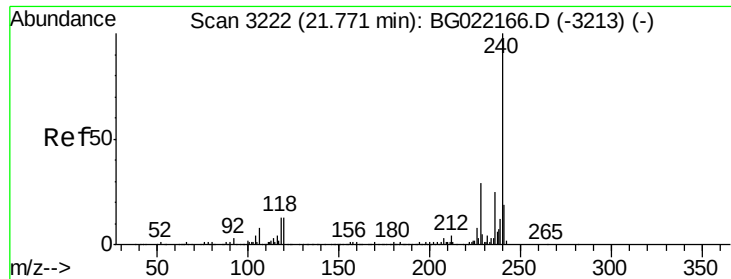
Delta R.T. -0.01 min

Lab File: BG022311.D

Acq: 11 Jun 2016 7:16

Tgt Ion:	188	Resp:	173256
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.5	11.3
80	11.4	8.6	13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG022311.D

Acq: 11 Jun 2016 7:16

Instrument :

BNA_G

ClientSampleId :

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

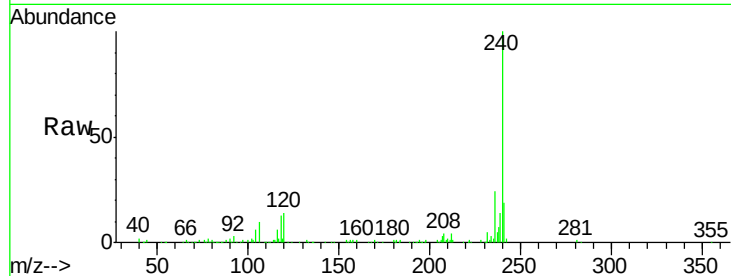
Tgt Ion:240 Resp: 153199

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

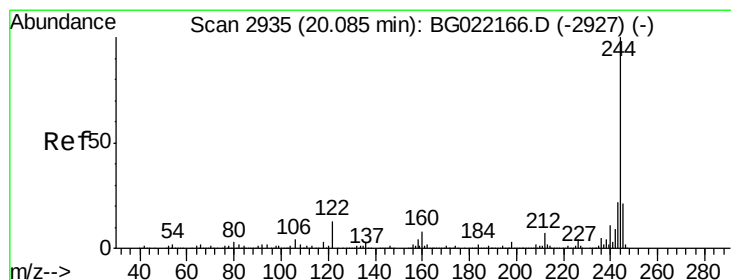
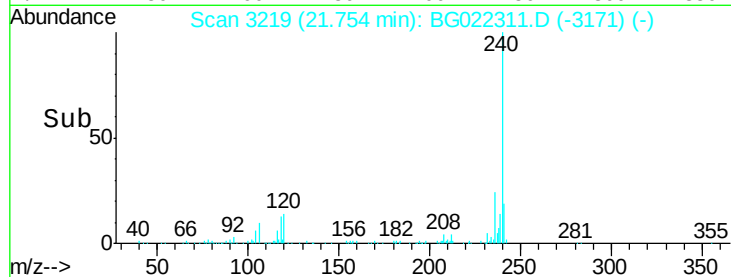
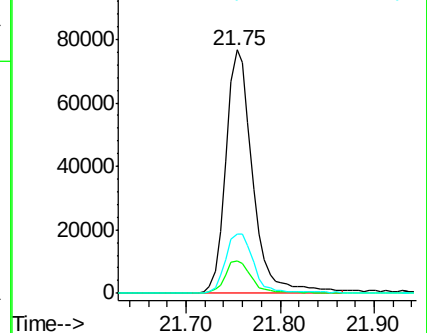
236 24.1 19.6 29.4



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: 72.10 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.01 min

Lab File: BG022311.D

Acq: 11 Jun 2016 7:16

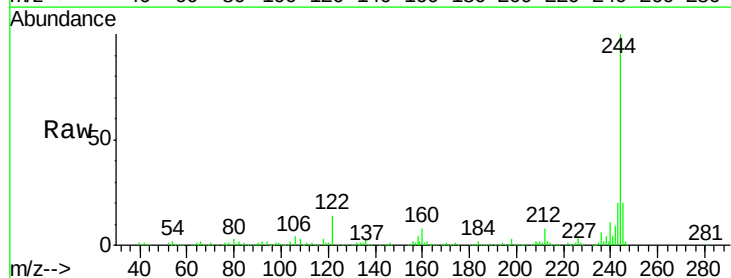
Tgt Ion:244 Resp: 465288

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

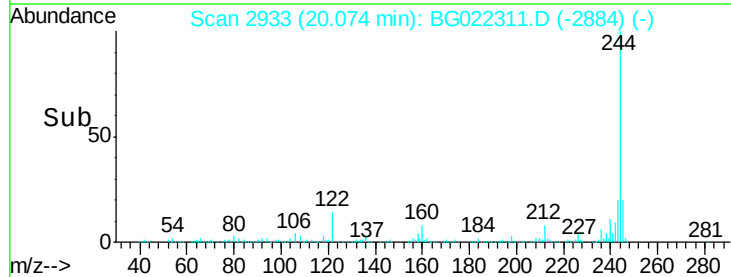
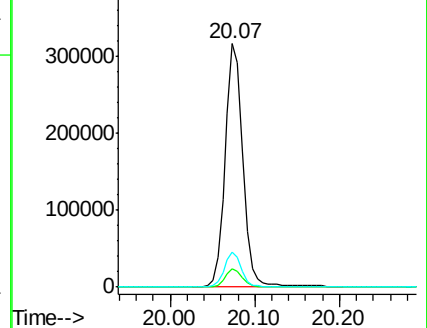
122 14.3 8.6 12.8#

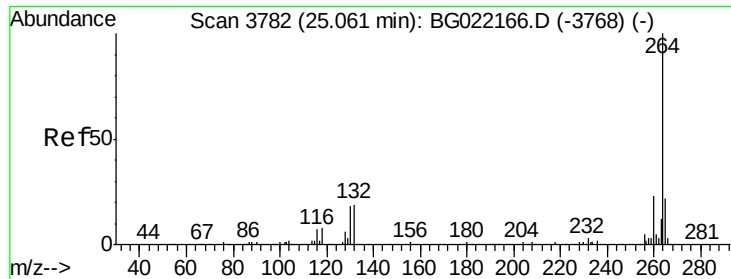


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BG022311.D
Acq: 11 Jun 2016 7:16

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.2	30.4
265	22.5	17.8	26.8

