

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027400.D
 Acq On : 14 Jun 2017 00:18
 Operator : SJ/MA
 Sample : I3629-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLINTON-AVE-SP-COMP-1

Quant Time: Jun 14 07:33:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

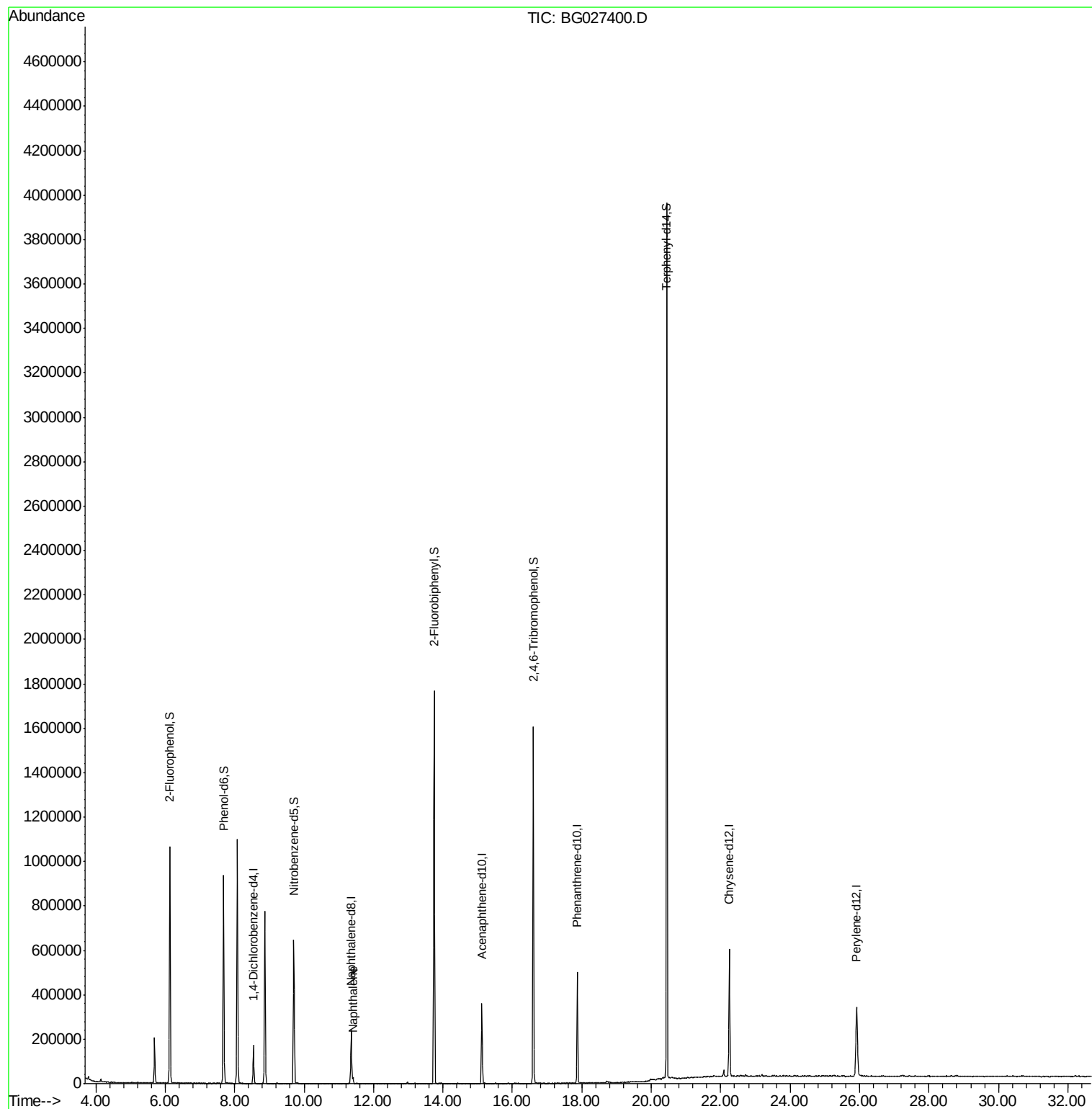
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	48269	20.00	ng	-0.04
21) Naphthalene-d8	11.35	136	209983	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	122988	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	318324	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	388026	20.00	ng	-0.06
86) Perylene-d12	25.91	264	364065	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	481873	152.34	ng	-0.02
7) Phenol-d6	7.68	99	600462	129.32	ng	-0.02
23) Nitrobenzene-d5	9.70	82	429285	128.57	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	315824	195.01	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	915935	104.19	ng	-0.04
78) Terphenyl-d14	20.44	244	1740361	114.42	ng	-0.05
Target Compounds						
31) Naphthalene	11.41	128	24841	2.16	ng	Qvalue 97

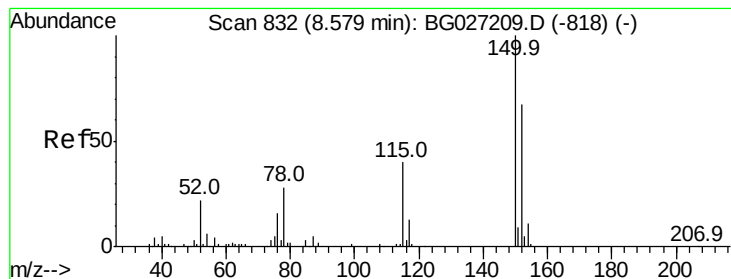
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.04 min

Lab File: BG027400.D

Acq: 14 Jun 2017 00:18

Instrument :

BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1

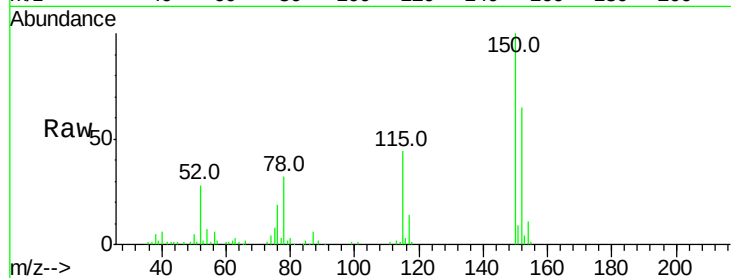
Tot Ion:152 Resp: 48269

Ion Ratio Lower Upper

152 100

150 154.5 114.0 171.0

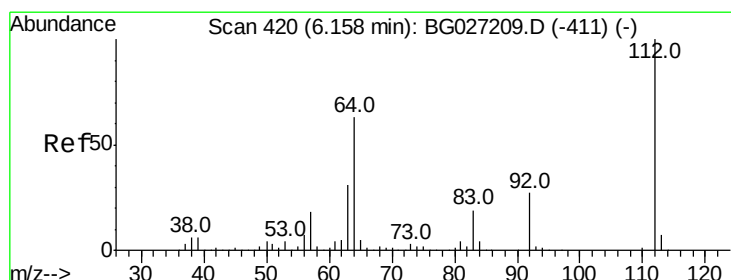
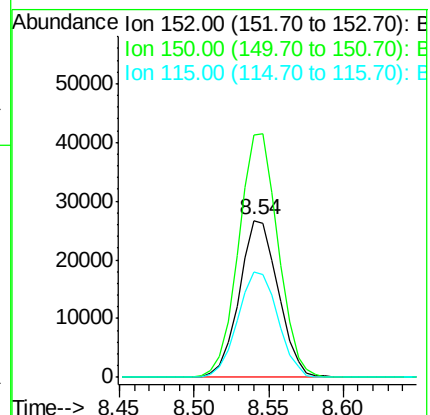
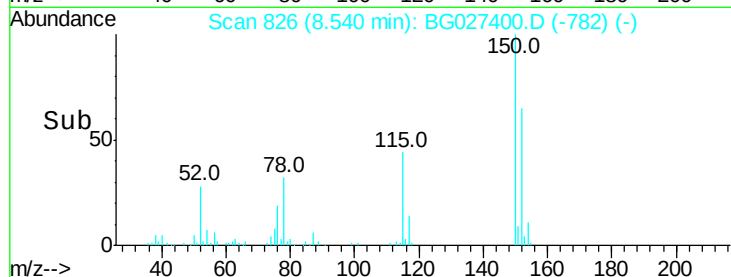
115 67.4 48.1 72.1



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: 152.34 ng

RT: 6.14 min Scan# 417

Delta R.T. -0.02 min

Lab File: BG027400.D

Acq: 14 Jun 2017 00:18

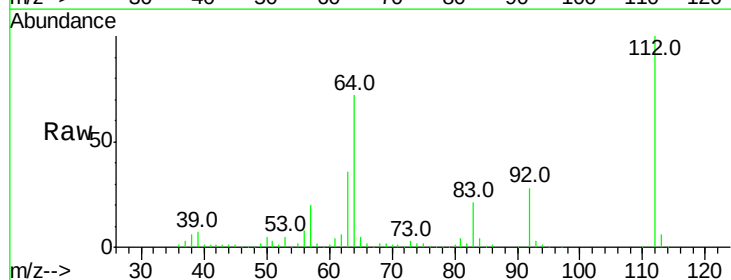
Tgt Ion:112 Resp: 481873

Ion Ratio Lower Upper

112 100

64 71.8 61.8 92.6

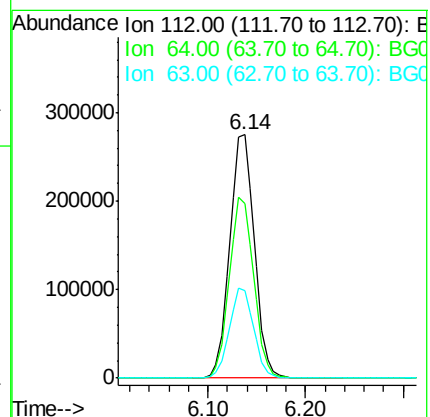
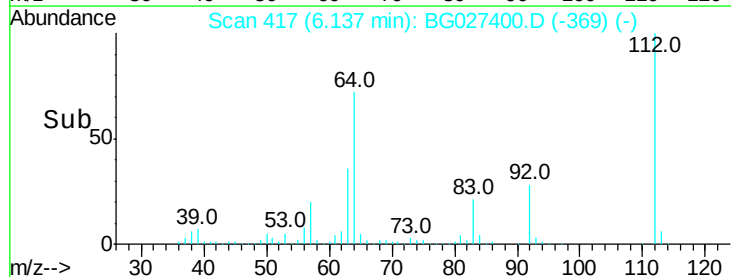
63 35.9 37.2 55.8#

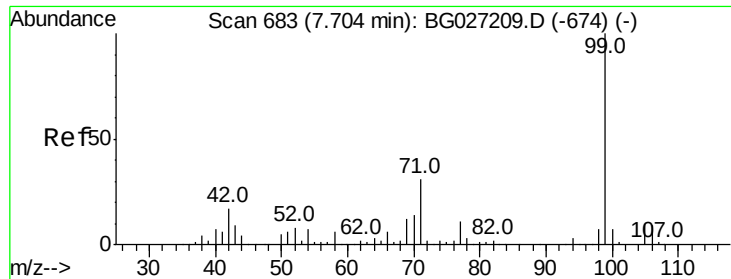


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 129.32 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027400.D

Acq: 14 Jun 2017 00:18

Instrument :

BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1

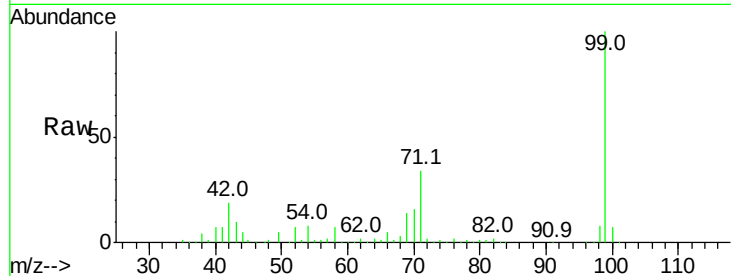
Tot Ion: 99 Resp: 600462

Ion Ratio Lower Upper

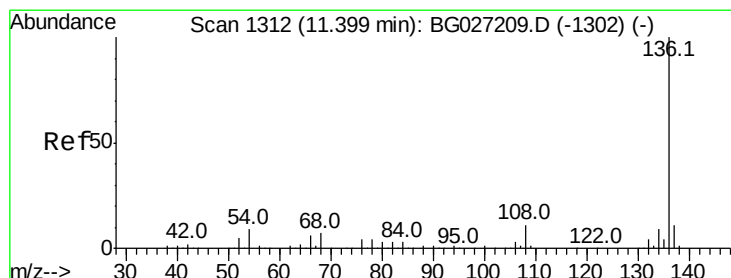
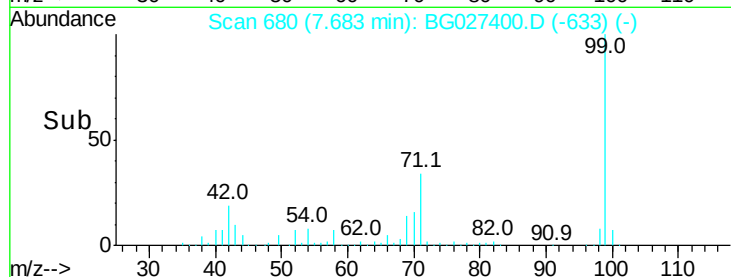
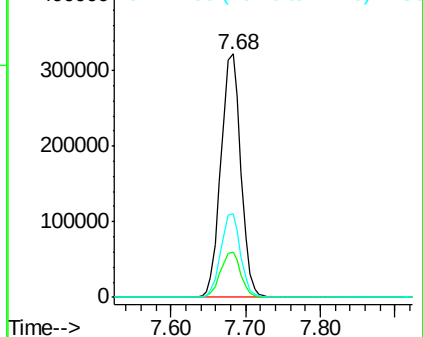
99 100

42 18.6 20.5 30.7#

71 34.4 37.6 56.4#



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: 11.35 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027400.D

Acq: 14 Jun 2017 00:18

Tgt Ion: 136 Resp: 209983

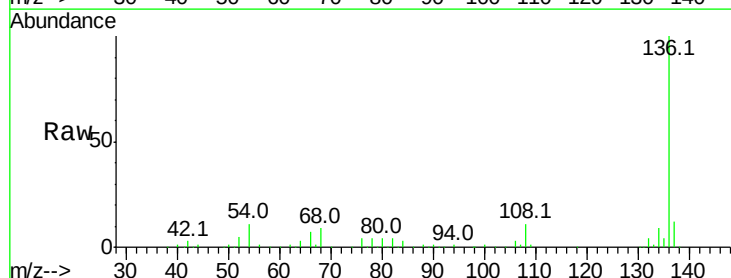
Ion Ratio Lower Upper

136 100

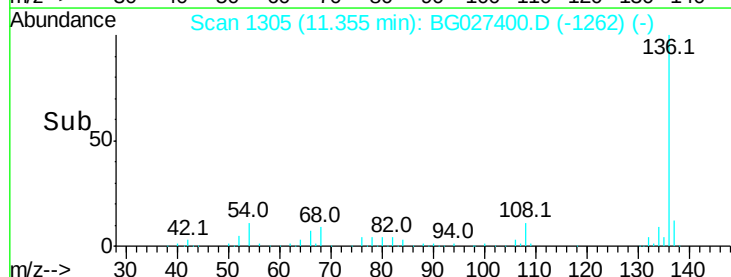
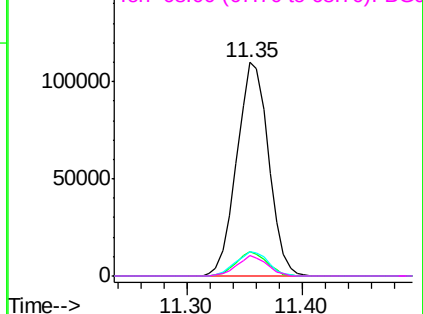
137 11.6 8.9 13.3

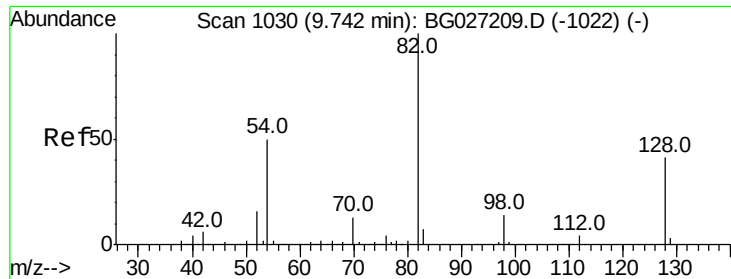
54 11.2 9.3 13.9

68 9.4 5.1 7.7#



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

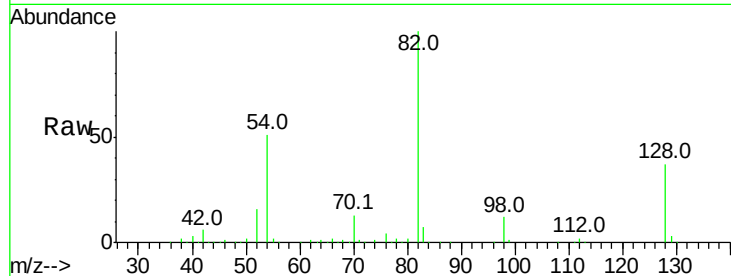




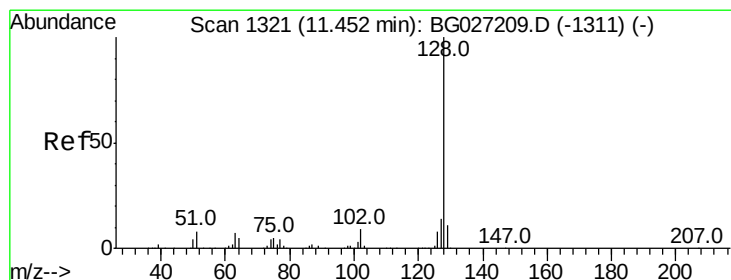
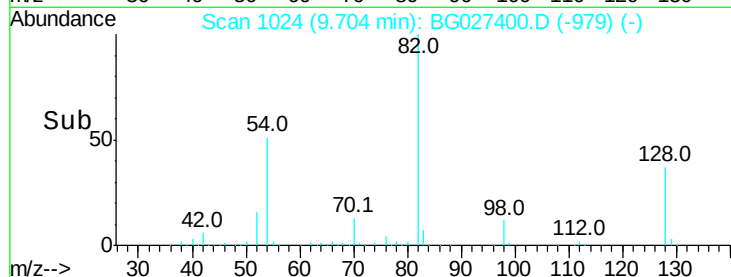
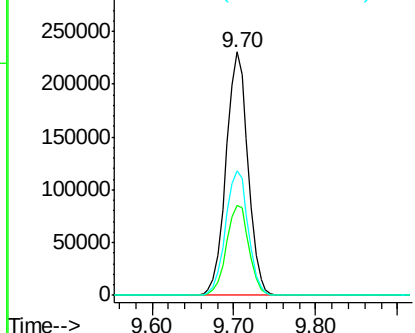
#23
 Nitrobenzene-d5
 Concen: 128.57 ng
 RT: 9.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027400.D
 Acq: 14 Jun 2017 00:18

Instrument :
 BNA_G
 ClientSampleId :
 CLINTON-AVE-SP-COMP-1

Tot Ion	82	Resp	429285
Ion Ratio	Lower	Upper	
82	100		
128	37.0	26.4	39.6
54	51.3	49.4	74.2

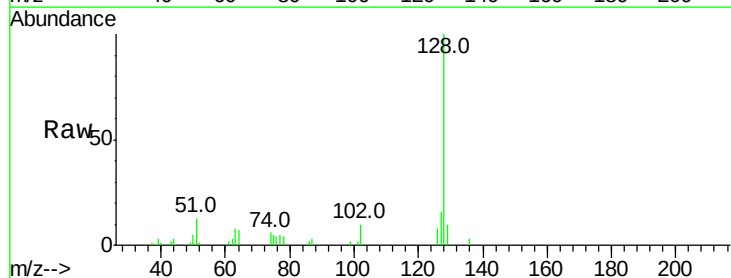


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

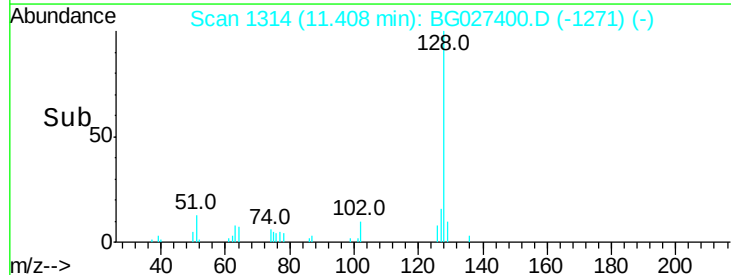
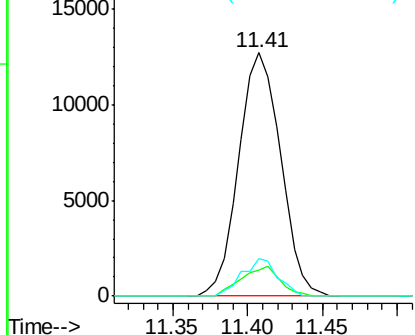


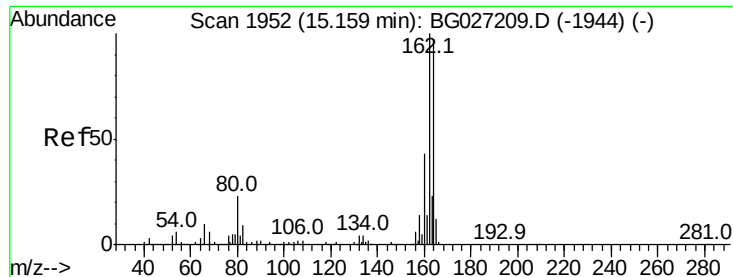
#31
 Naphthalene
 Concen: 2.16 ng
 RT: 11.41 min Scan# 1314
 Delta R.T. -0.04 min
 Lab File: BG027400.D
 Acq: 14 Jun 2017 00:18

Tgt Ion	128	Resp	24841
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.3	13.9
127	15.6	11.4	17.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

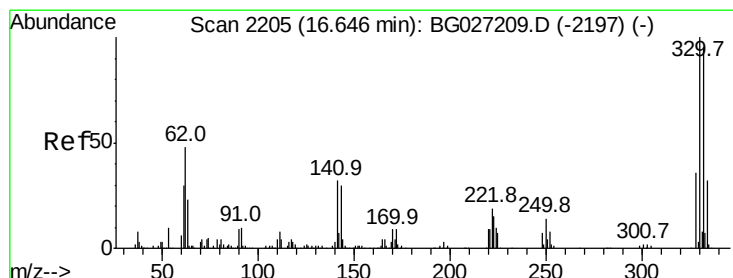
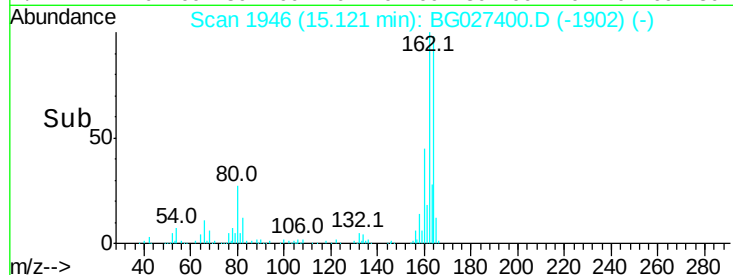
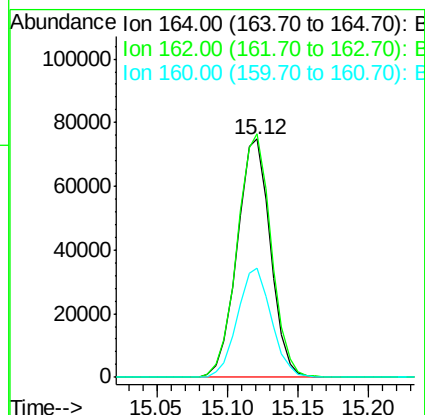
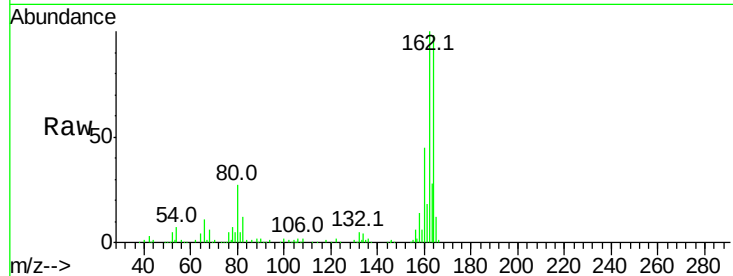




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1946
Delta R.T. -0.04 min
Lab File: BG027400.D
Acq: 14 Jun 2017 00:18

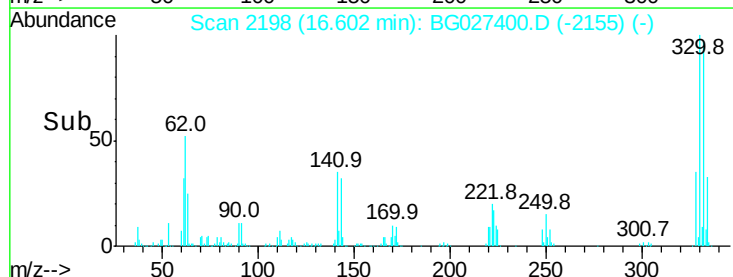
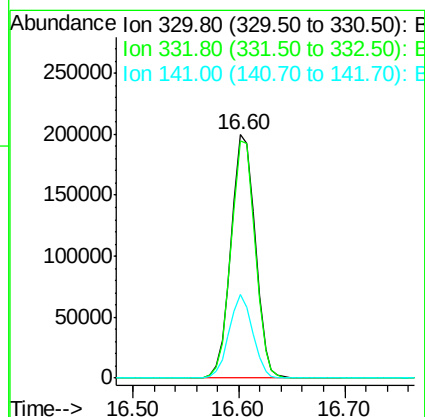
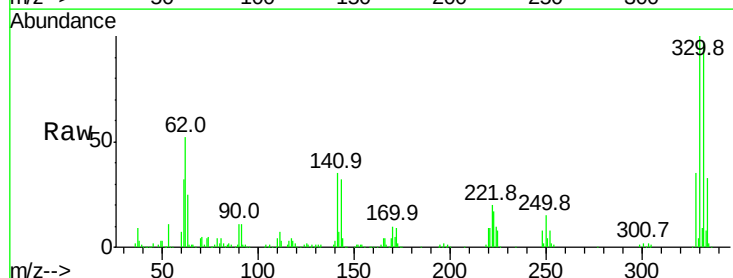
Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1

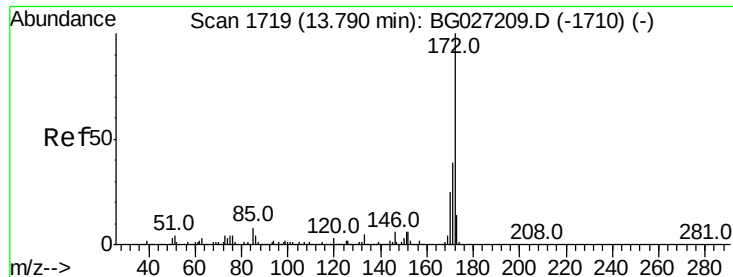
Tot Ion:164 Resp: 122988
Ion Ratio Lower Upper
164 100
162 102.3 85.1 127.7
160 45.8 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 195.01 ng
RT: 16.60 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BG027400.D
Acq: 14 Jun 2017 00:18

Tgt Ion:330 Resp: 315824
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 33.6 32.1 48.1

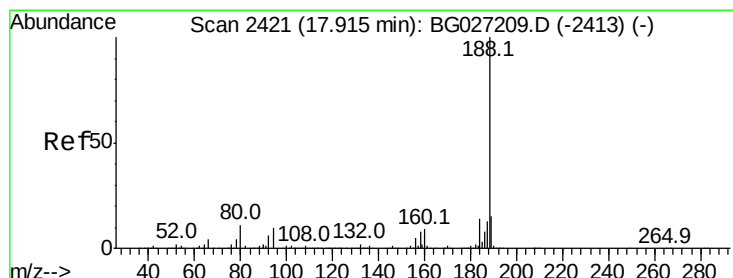
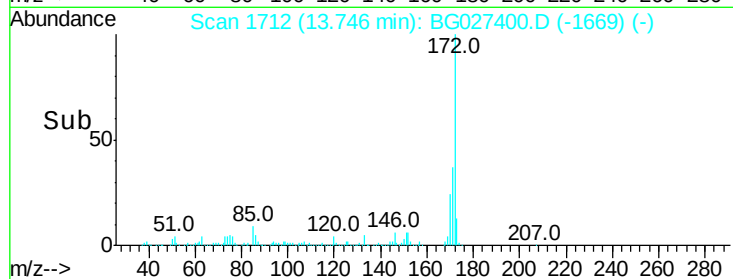
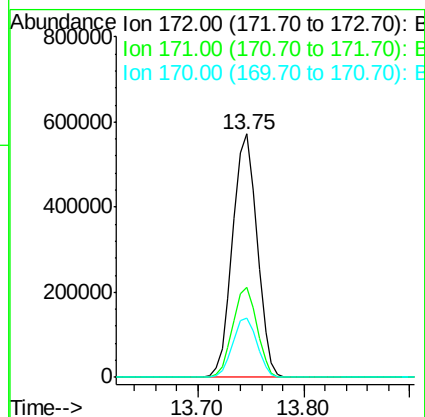
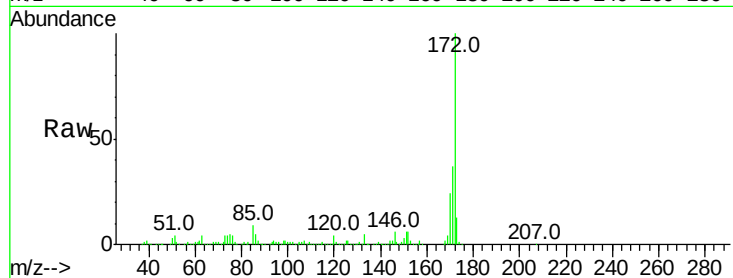




#44
2-Fluorobiphenyl
Concen: 104.19 ng
RT: 13.75 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BG027400.D
Acq: 14 Jun 2017 00:18

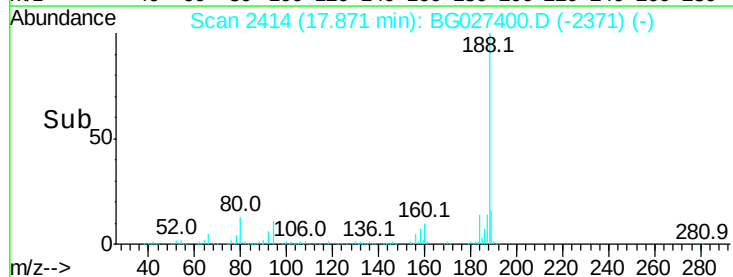
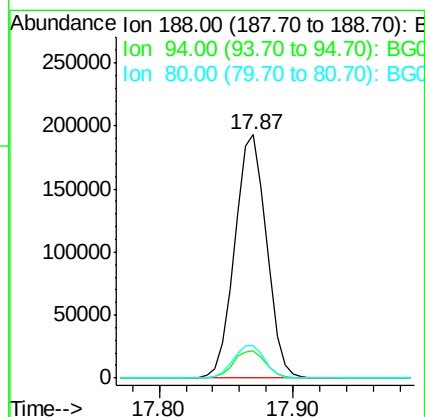
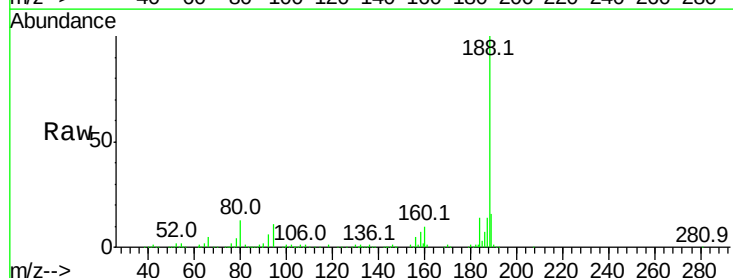
Instrument :
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CLINTON-AVE-SP-COMP-1

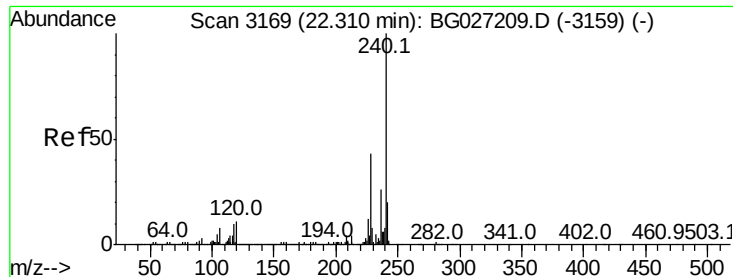
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	24.2	21.8	32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027400.D
Acq: 14 Jun 2017 00:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	5.8	8.8#
80	13.2	7.5	11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027400.D

Acq: 14 Jun 2017 00:18

Instrument :

BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1

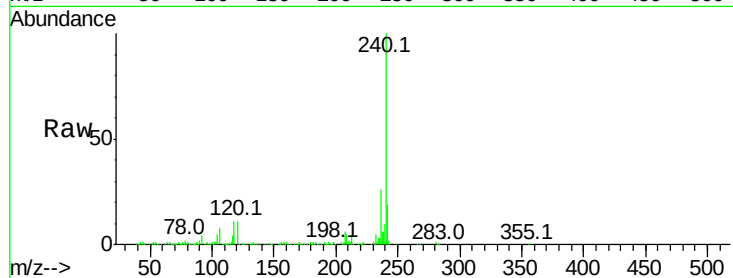
Tot Ion:240 Resp: 388026

Ion Ratio Lower Upper

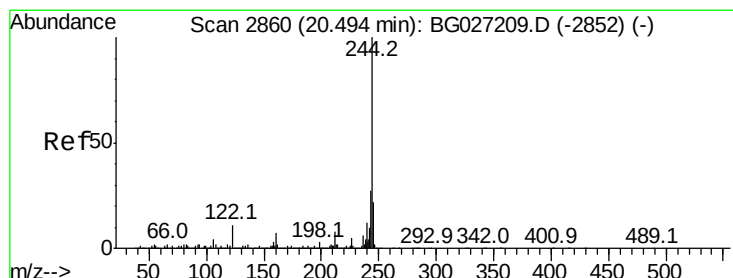
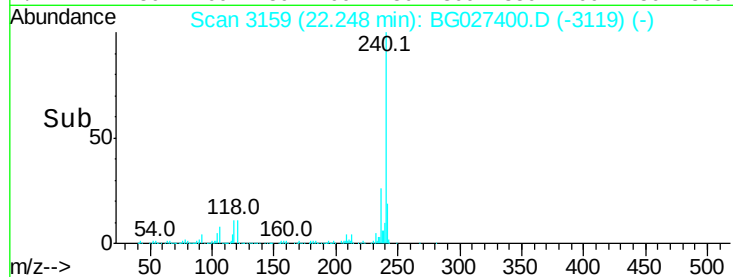
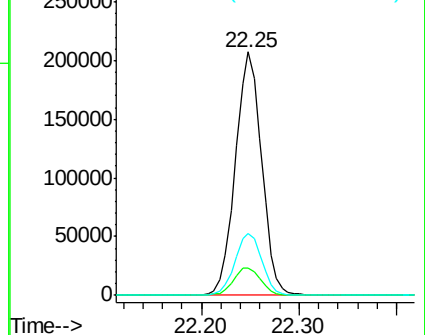
240 100

120 11.3 5.7 8.5#

236 25.7 22.2 33.4



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: 114.42 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027400.D

Acq: 14 Jun 2017 00:18

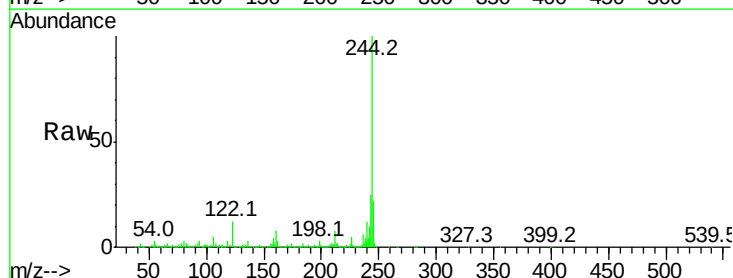
Tgt Ion:244 Resp: 1740361

Ion Ratio Lower Upper

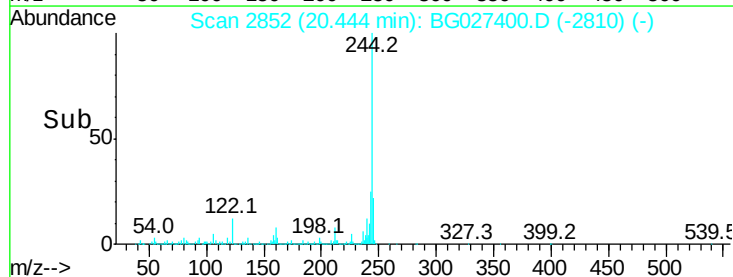
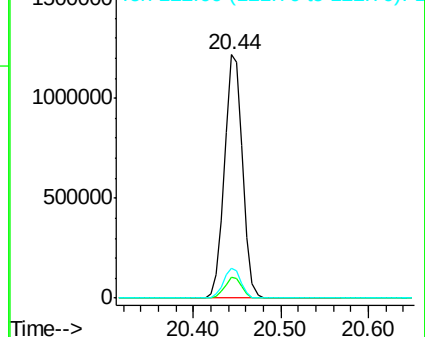
244 100

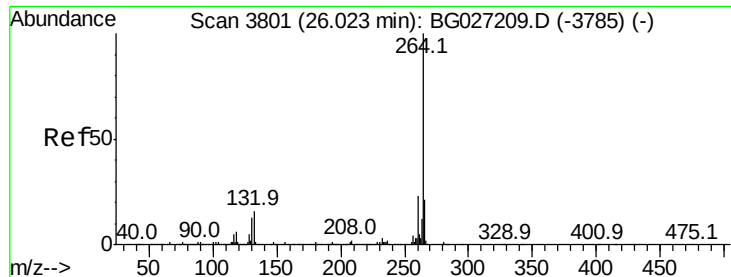
212 8.5 10.0 15.0#

122 12.4 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: 25.91 min Scan# 3783
Delta R.T. -0.11 min
Lab File: BG027400.D
Acq: 14 Jun 2017 00:18

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	21.2	18.2	27.4

