

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027412.D
 Acq On : 14 Jun 2017 8:54
 Operator : SJ/MA
 Sample : I3629-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLINTON-AVE-SP-COMP-2

Quant Time: Jun 14 11:44:18 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	52740	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	227247	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	131259	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	343249	20.00	ng	-0.05
75) Chrysene-d12	22.24	240	394563	20.00	ng	-0.07
86) Perylene-d12	25.91	264	367949	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	500837	144.91	ng	-0.03
7) Phenol-d6	7.68	99	614344	121.09	ng	-0.03
23) Nitrobenzene-d5	9.70	82	445829	123.38	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	315218	182.37	ng	-0.04
44) 2-Fluorobiphenyl	13.74	172	935940	99.75	ng	-0.05
78) Terphenyl-d14	20.44	244	1676505	108.39	ng	-0.05

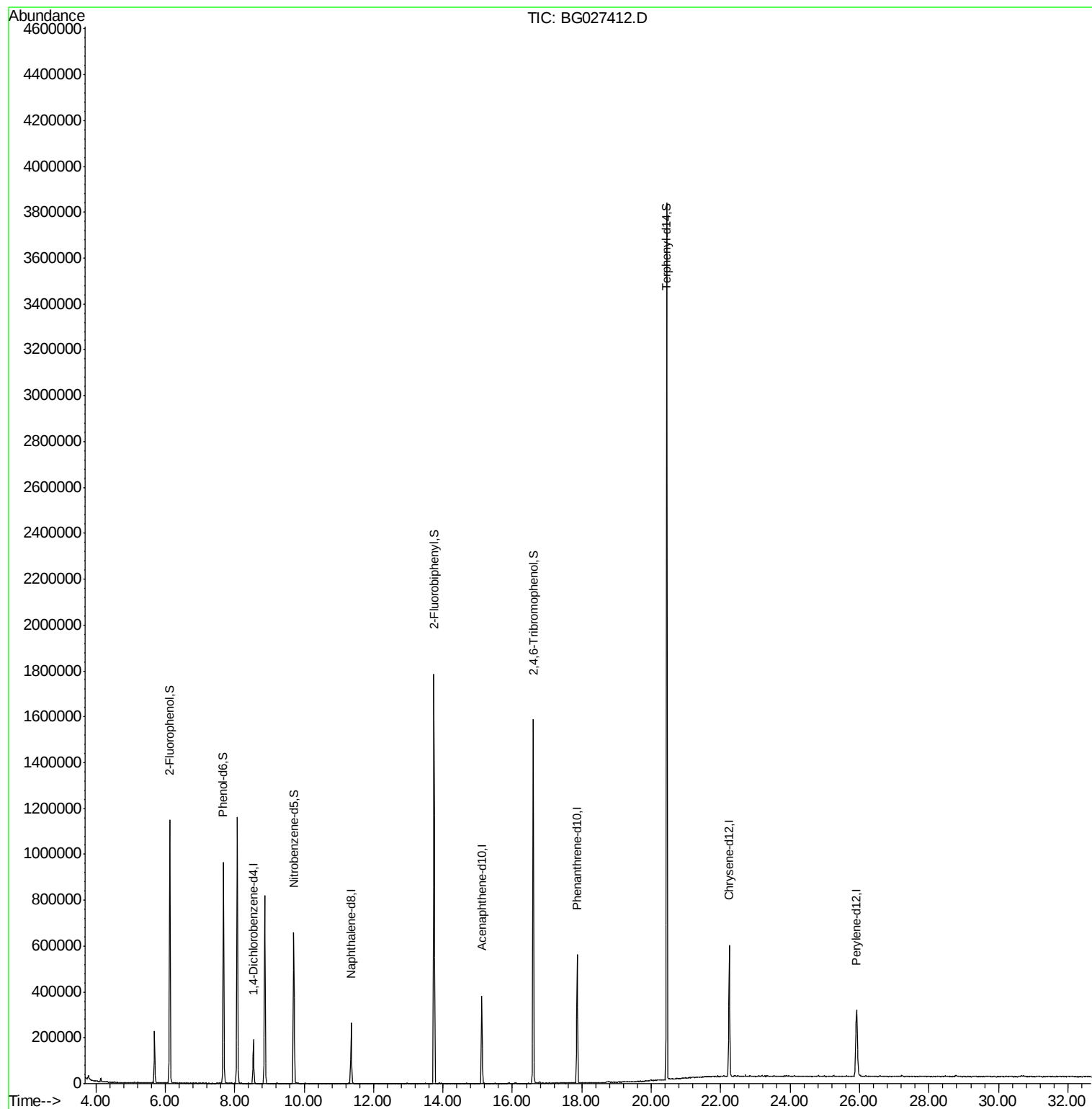
Target Compounds Qvalue

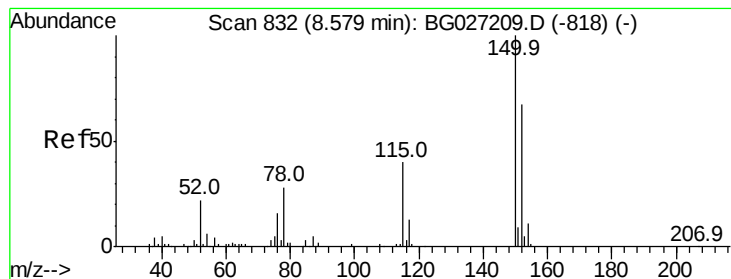
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027412.D

Acq: 14 Jun 2017 8:54

Instrument :

BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-2

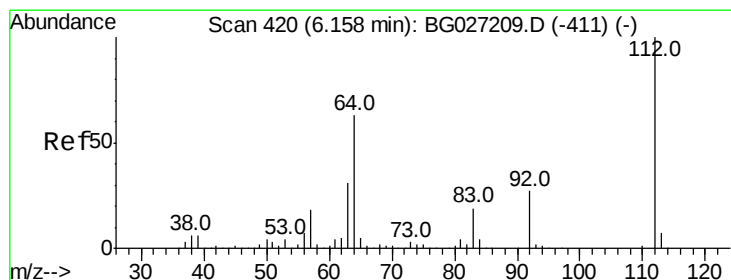
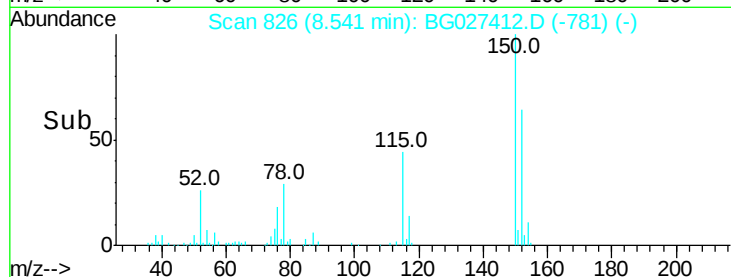
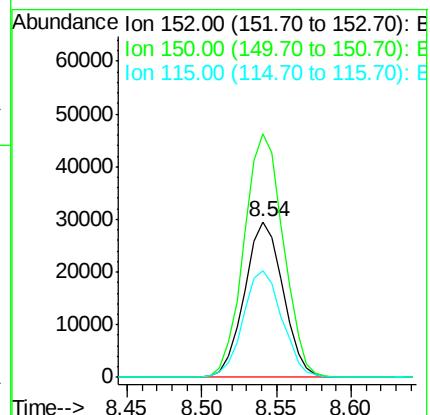
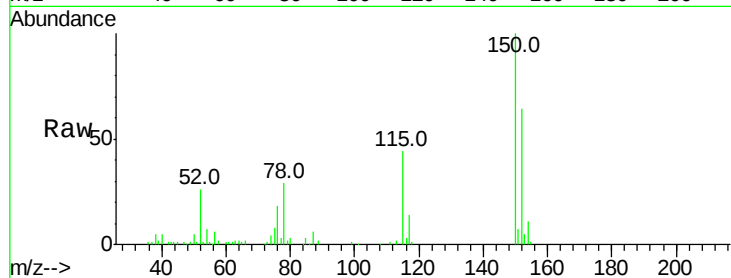
Tot Ion:152 Resp: 52740

Ion Ratio Lower Upper

152 100

150 156.2 114.0 171.0

115 68.5 48.1 72.1



#5

2-Fluorophenol

Concen: 144.91 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.03 min

Lab File: BG027412.D

Acq: 14 Jun 2017 8:54

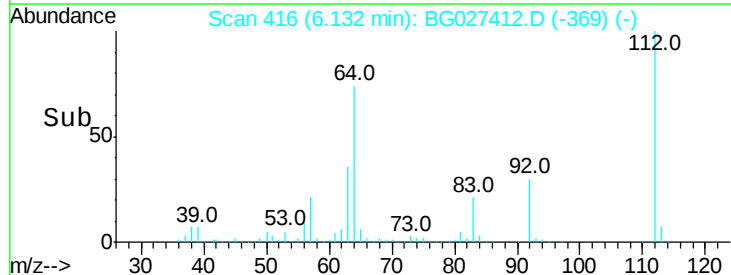
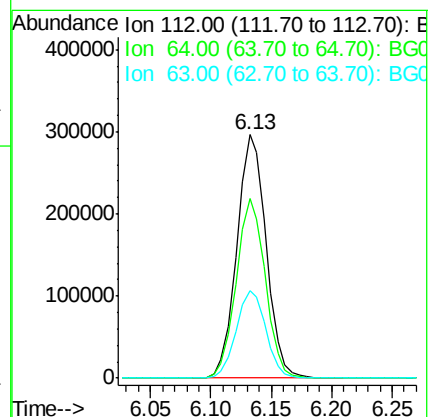
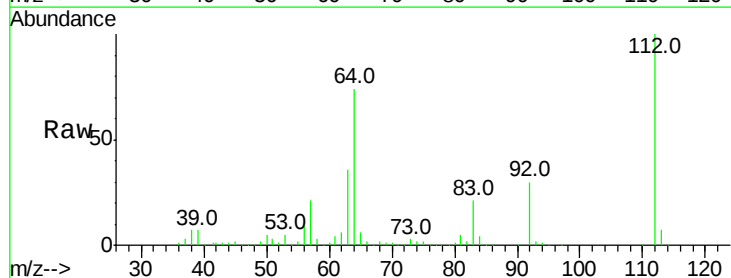
Tgt Ion:112 Resp: 500837

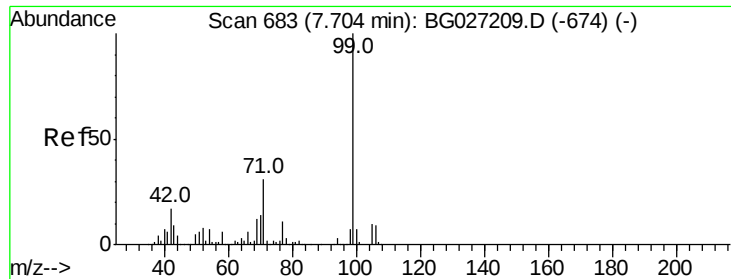
Ion Ratio Lower Upper

112 100

64 73.9 61.8 92.6

63 35.8 37.2 55.8#





#7

Phenol-d6

Concen: 121.09 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.03 min

Lab File: BG027412.D

Acq: 14 Jun 2017 8:54

Instrument :

BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-2

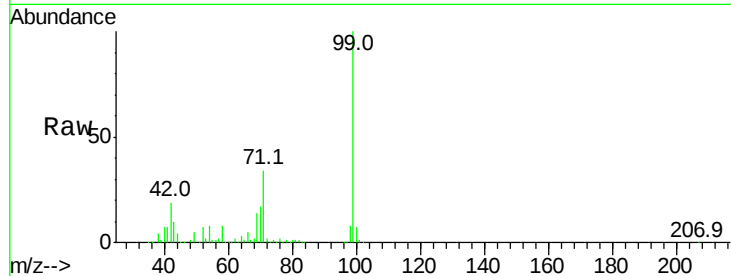
Tot Ion: 99 Resp: 614344

Ion Ratio Lower Upper

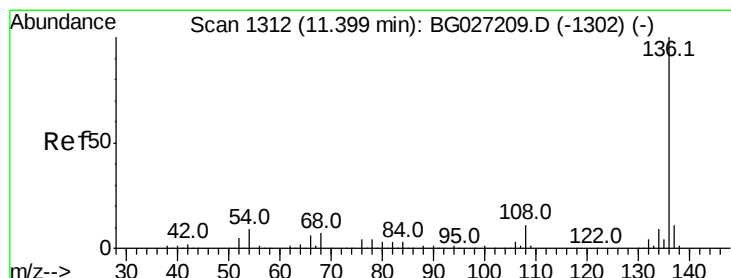
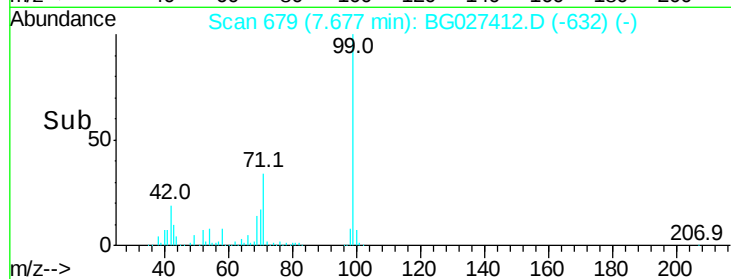
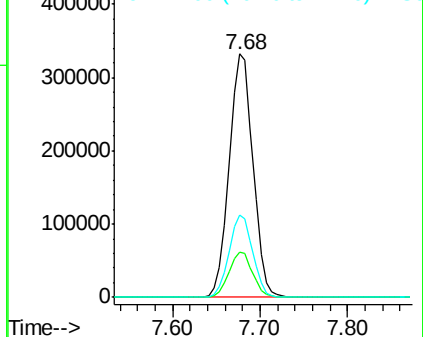
99 100

42 18.5 20.5 30.7#

71 33.7 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: 11.36 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027412.D

Acq: 14 Jun 2017 8:54

Tgt Ion: 136 Resp: 227247

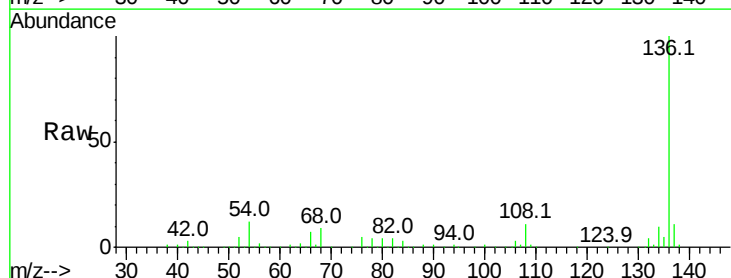
Ion Ratio Lower Upper

136 100

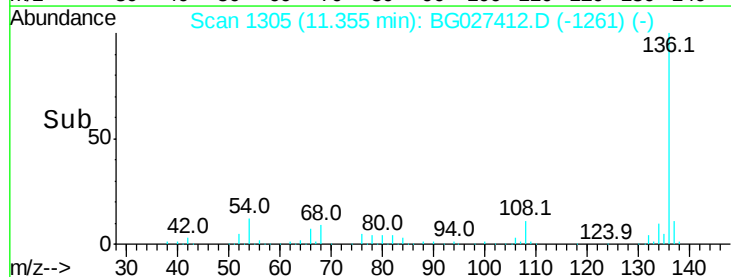
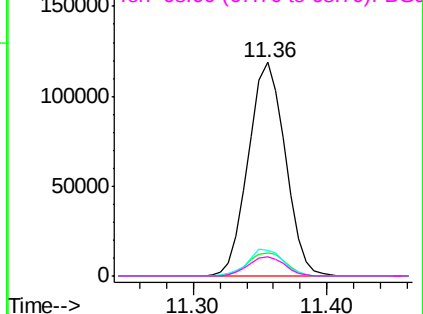
137 10.9 8.9 13.3

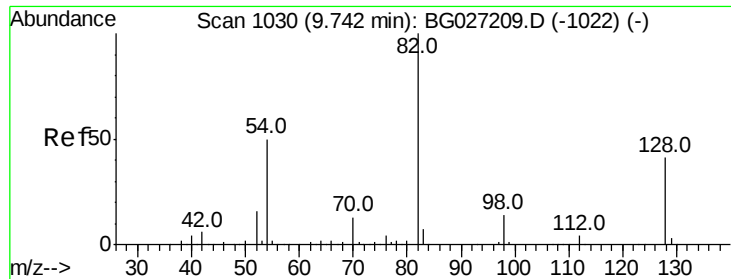
54 12.1 9.3 13.9

68 8.9 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

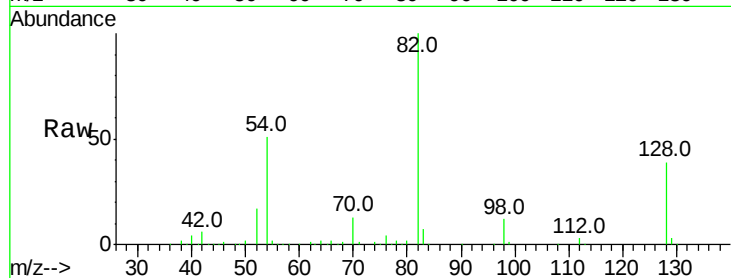




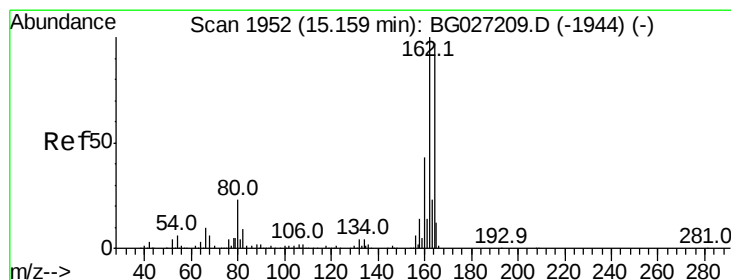
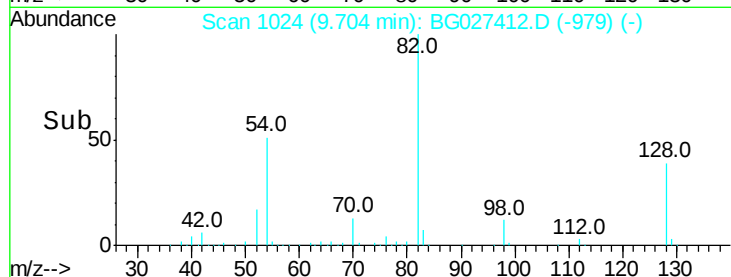
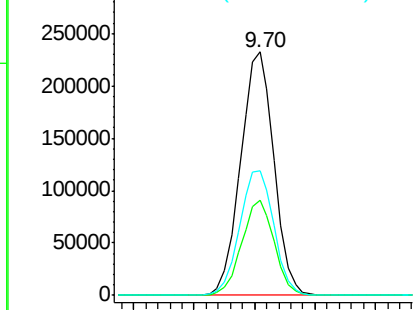
#23
 Nitrobenzene-d5
 Concen: 123.38 ng
 RT: 9.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027412.D
 Acq: 14 Jun 2017 8:54

Instrument :
 BNA_G
 ClientSampleId :
 CLINTON-AVE-SP-COMP-2

Tot Ion	82	Resp	445829
Ion	Ratio	Lower	Upper
82	100		
128	39.3	26.4	39.6
54	50.9	49.4	74.2

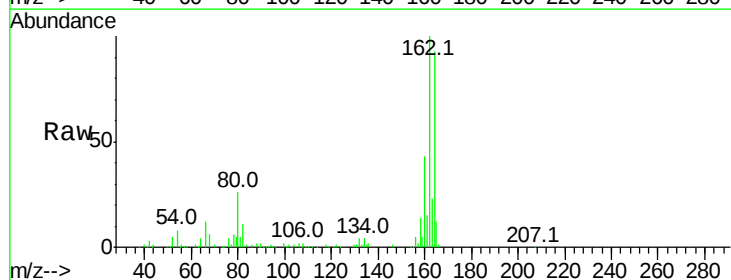


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

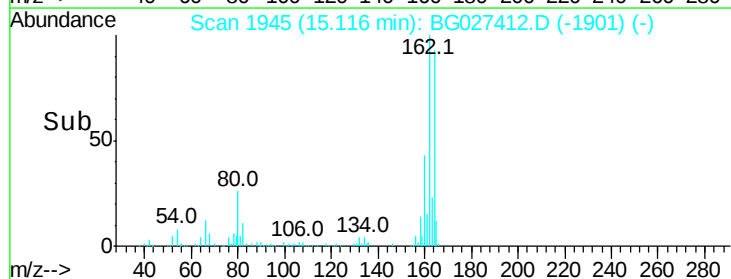
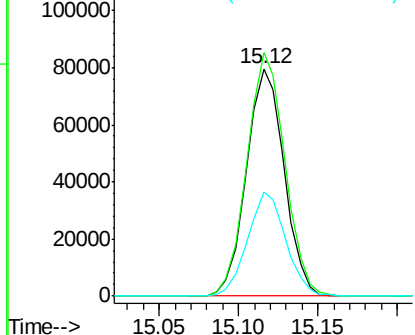


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BG027412.D
 Acq: 14 Jun 2017 8:54

Tgt Ion	164	Resp	131259
Ion	Ratio	Lower	Upper
164	100		
162	107.2	85.1	127.7
160	46.1	34.7	52.1



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

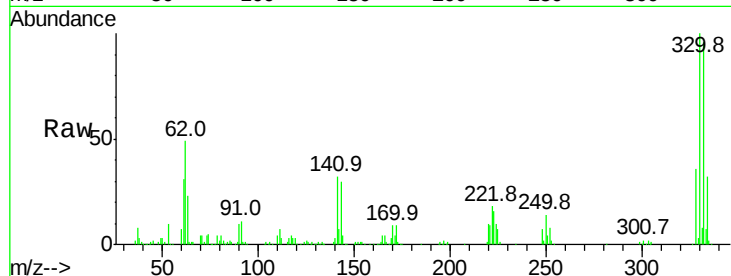




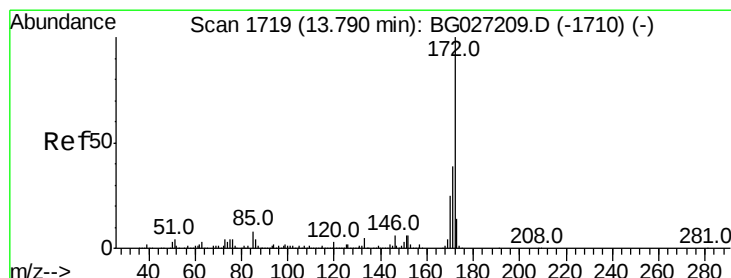
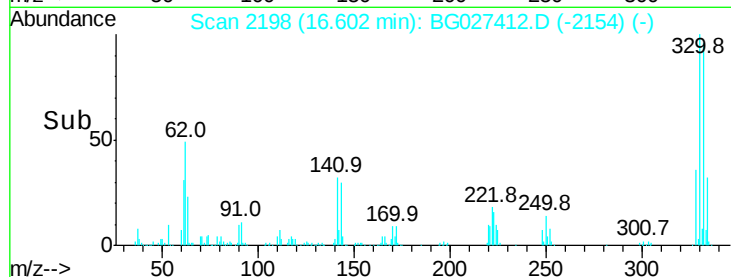
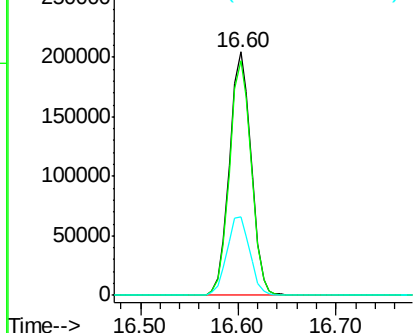
#41
 2,4,6-Tribromophenol
 Concen: 182.37 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027412.D
 Acq: 14 Jun 2017 8:54

Instrument :
 BNA_G
 ClientSampleId :
 CLINTON-AVE-SP-COMP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	34.0	32.1	48.1

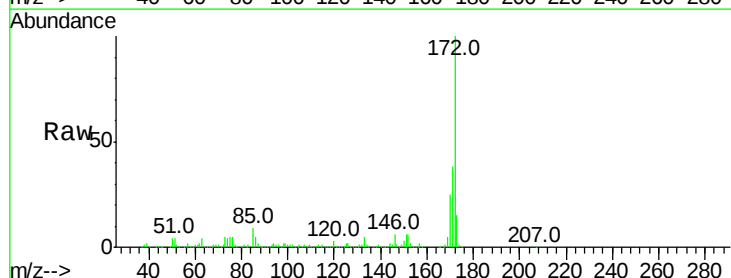


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

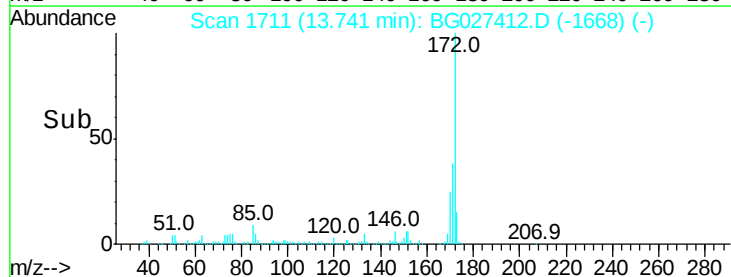
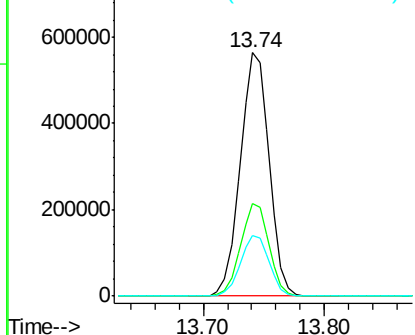


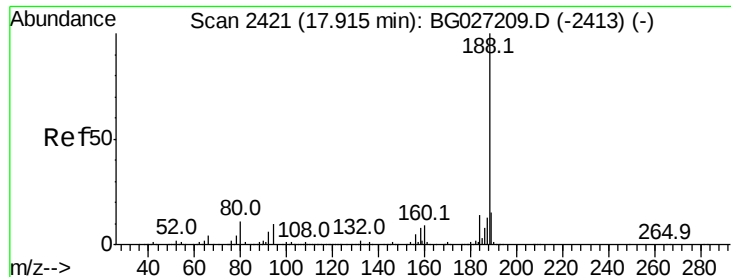
#44
 2-Fluorobiphenyl
 Concen: 99.75 ng
 RT: 13.74 min Scan# 1711
 Delta R.T. -0.05 min
 Lab File: BG027412.D
 Acq: 14 Jun 2017 8:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.8	21.8	32.6



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.87 min Scan# 2413

Delta R.T. -0.05 min

Lab File: BG027412.D

Acq: 14 Jun 2017 8:54

Instrument :

BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-2

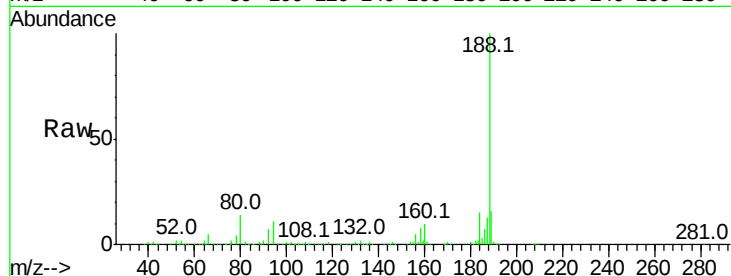
Tot Ion:188 Resp: 343249

Ion Ratio Lower Upper

188 100

94 11.5 5.8 8.8#

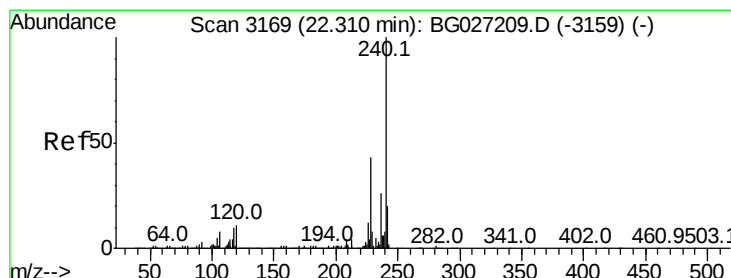
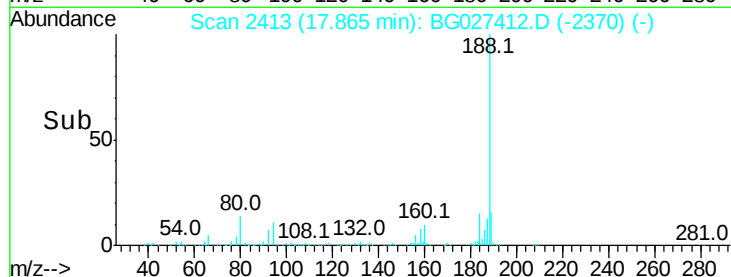
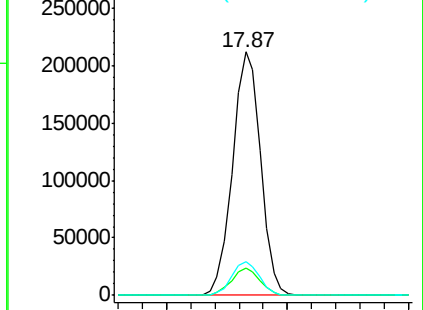
80 14.0 7.5 11.3#



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: 22.24 min Scan# 3158

Delta R.T. -0.07 min

Lab File: BG027412.D

Acq: 14 Jun 2017 8:54

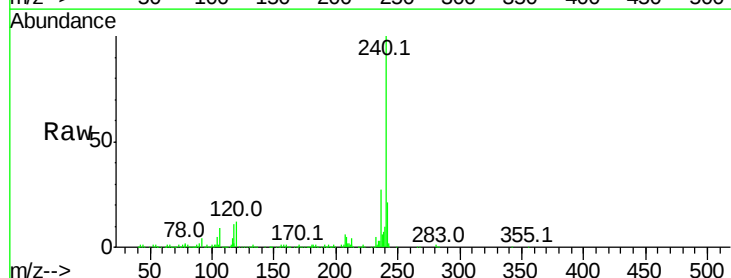
Tgt Ion:240 Resp: 394563

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

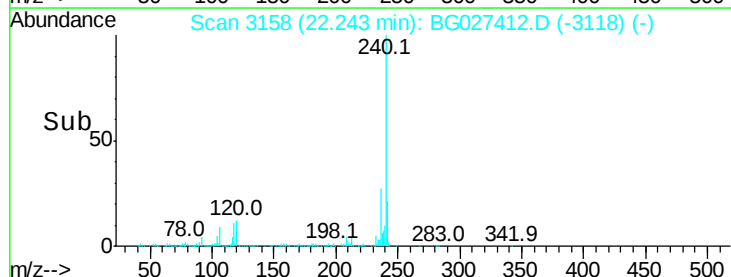
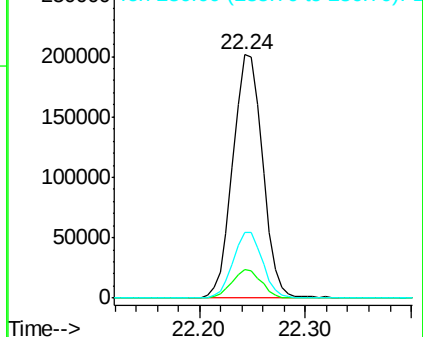
236 26.7 22.2 33.4

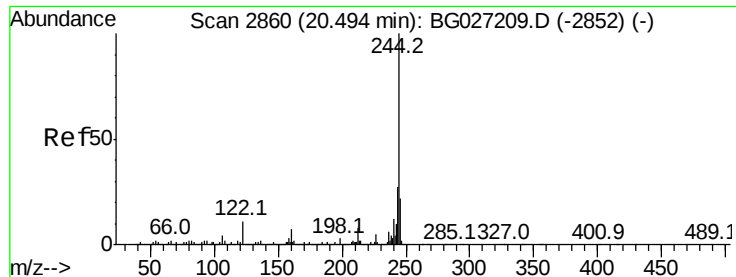


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.39 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027412.D

Acq: 14 Jun 2017 8:54

Instrument :

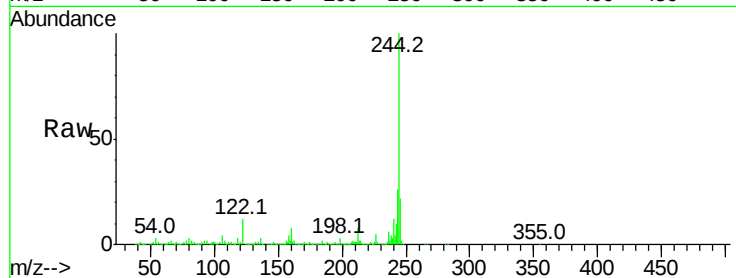
BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-2

Tot Ion:244 Resp: 1676505

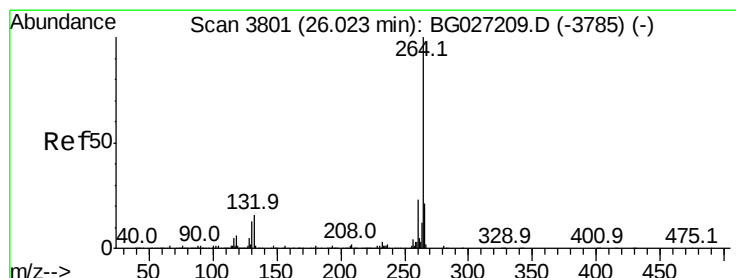
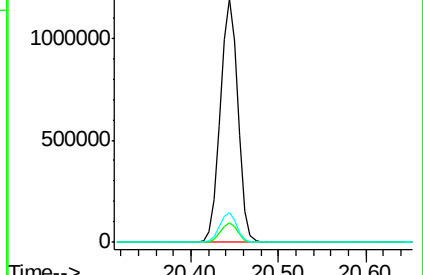
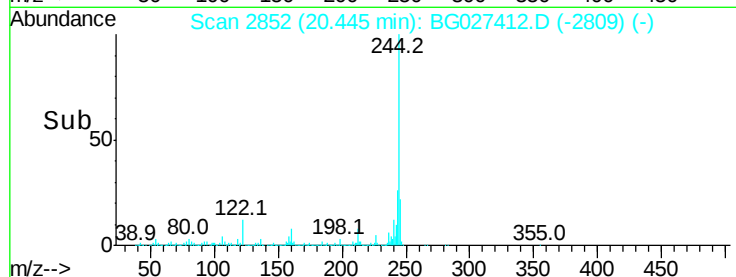
Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	12.3	8.6	12.8



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: 25.91 min Scan# 3783

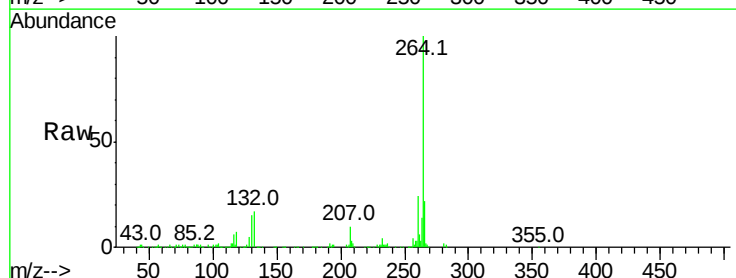
Delta R.T. -0.11 min

Lab File: BG027412.D

Acq: 14 Jun 2017 8:54

Tgt Ion:264 Resp: 367949

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	22.0	18.2	27.4



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

