

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027398.D
 Acq On : 13 Jun 2017 22:59
 Operator : SJ/MA
 Sample : I3614-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-8

Quant Time: Jun 14 07:29:24 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

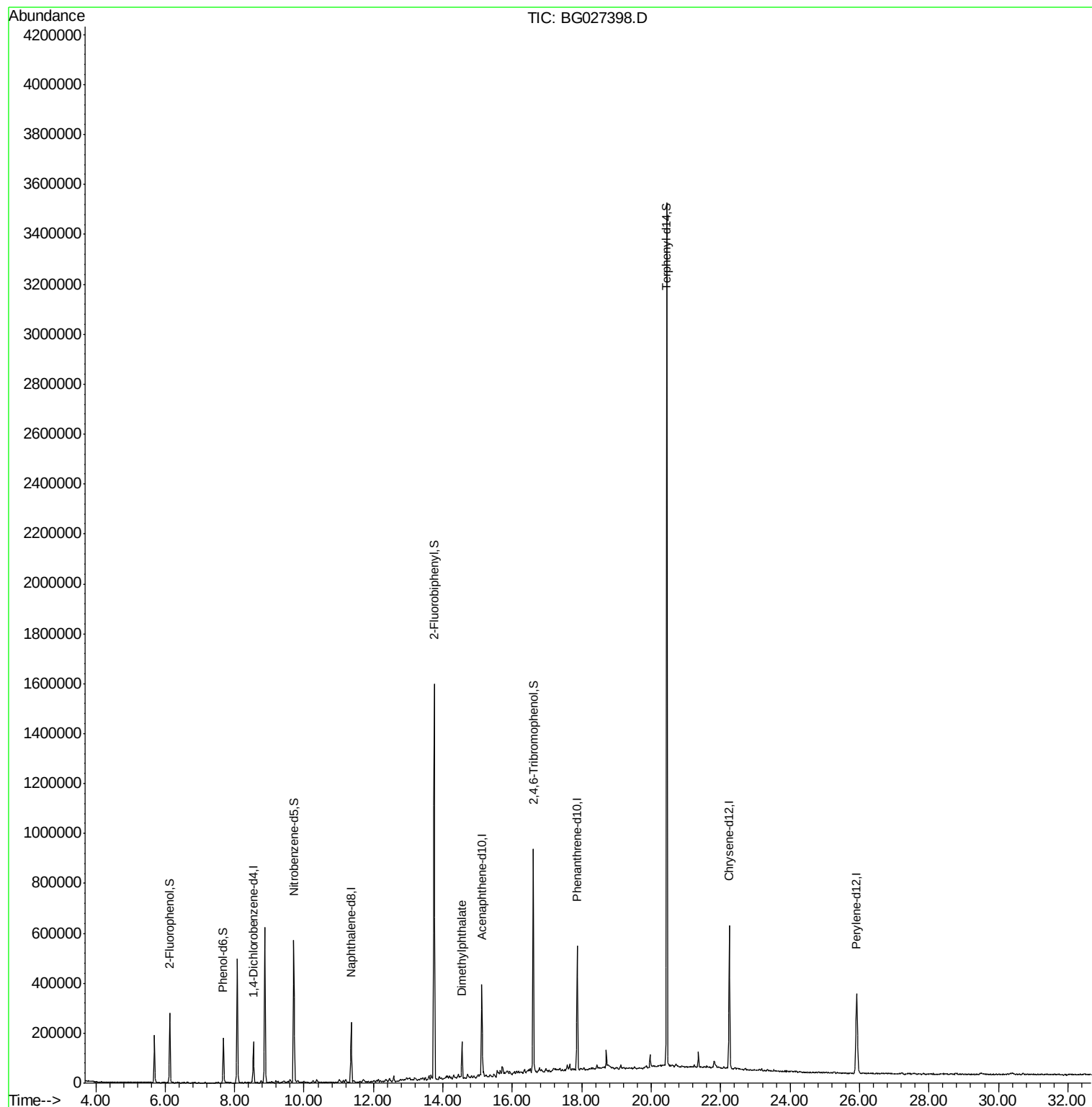
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	45675	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	207577	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	127345	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	315391	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	385297	20.00	ng	-0.06
86) Perylene-d12	25.91	264	370222	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	120963	40.41	ng	-0.03
7) Phenol-d6	7.68	99	113656	25.87	ng	-0.03
23) Nitrobenzene-d5	9.70	82	378684	114.73	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	178259	106.30	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	829870	91.17	ng	-0.04
78) Terphenyl-d14	20.44	244	1561595	103.39	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.55	163	91804	9.09	ng	Qvalue 97

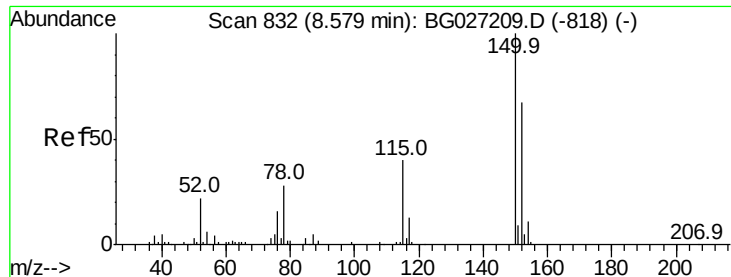
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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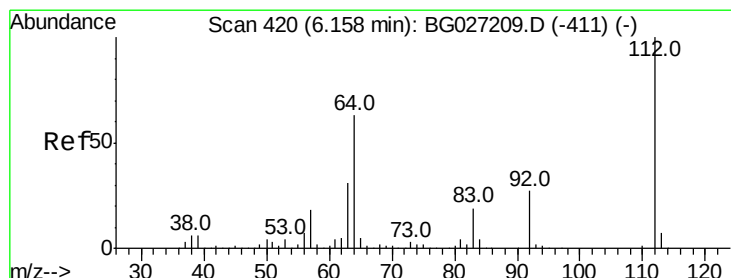
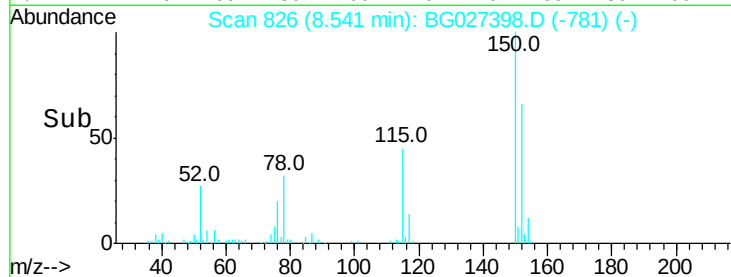
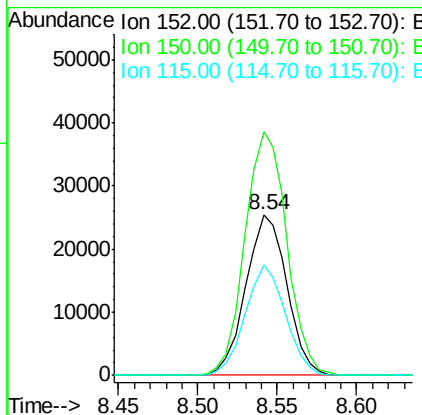
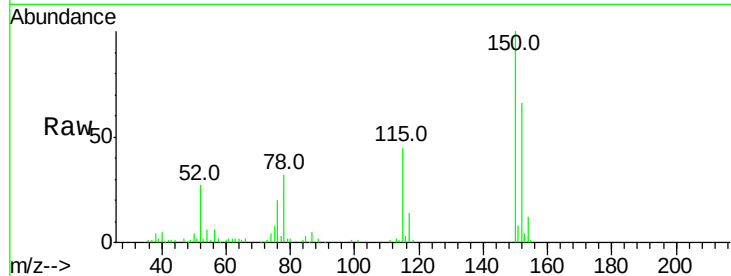


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.04 min
Lab File: BG027398.D
Acq: 13 Jun 2017 22:59

Instrument :
BNA_G
ClientSampled :
PZ-8

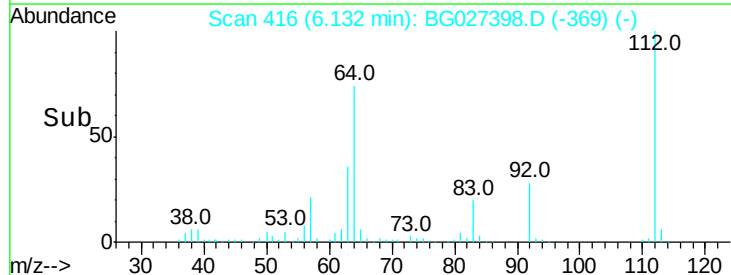
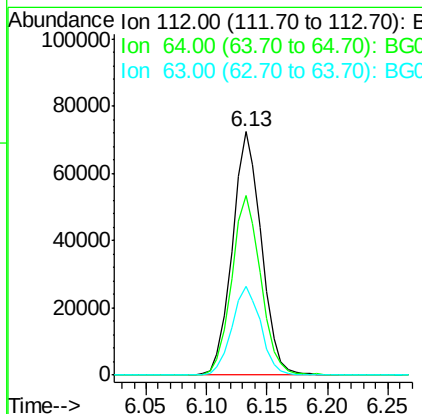
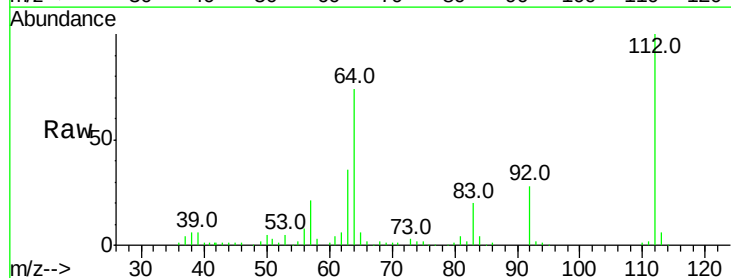
Tot Ion:152 Resp: 45675
Ion Ratio Lower Upper
152 100
150 151.7 114.0 171.0
115 68.8 48.1 72.1

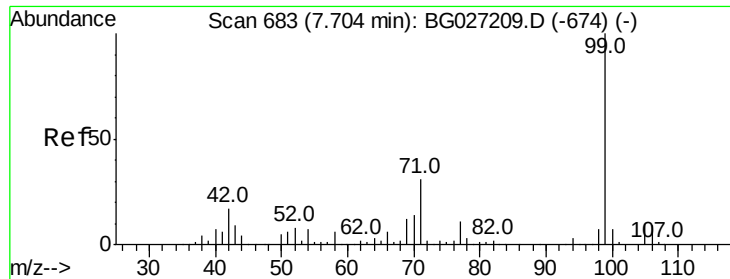


#5

2-Fluorophenol
Concen: 40.41 ng
RT: 6.13 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027398.D
Acq: 13 Jun 2017 22:59

Tgt Ion:112 Resp: 120963
Ion Ratio Lower Upper
112 100
64 74.0 61.8 92.6
63 36.5 37.2 55.8#





#7

Phenol-d6

Concen: 25.87 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.03 min

Lab File: BG027398.D

Acq: 13 Jun 2017 22:59

Instrument :

BNA_G

ClientSampleId :

PZ-8

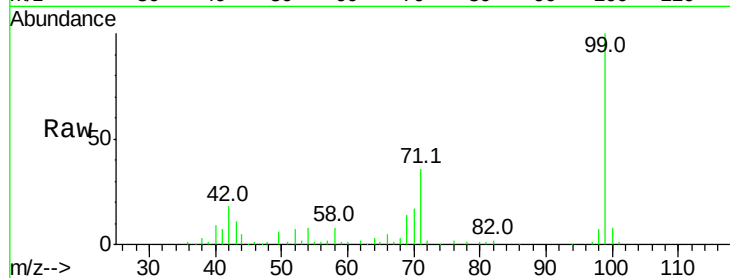
Tot Ion: 99 Resp: 113656

Ion Ratio Lower Upper

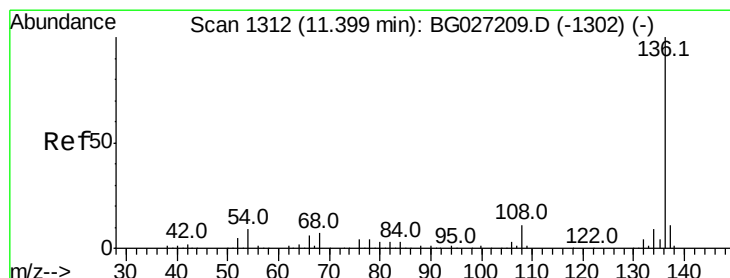
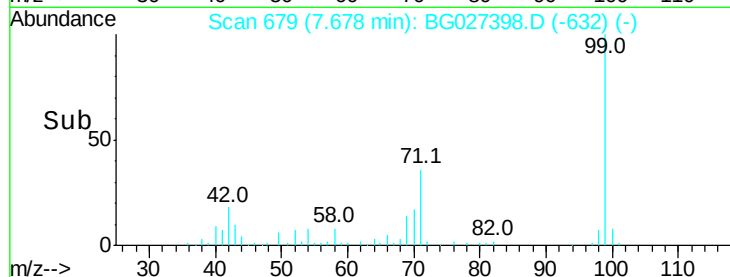
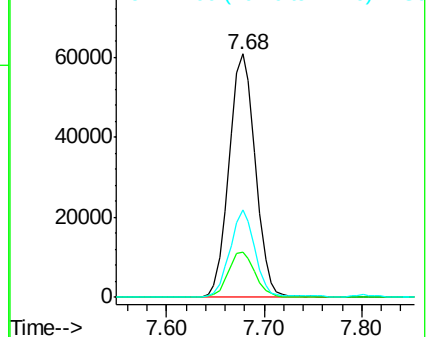
99 100

42 18.5 20.5 30.7#

71 35.9 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: BG027398.D

Acq: 13 Jun 2017 22:59

Tgt Ion: 136 Resp: 207577

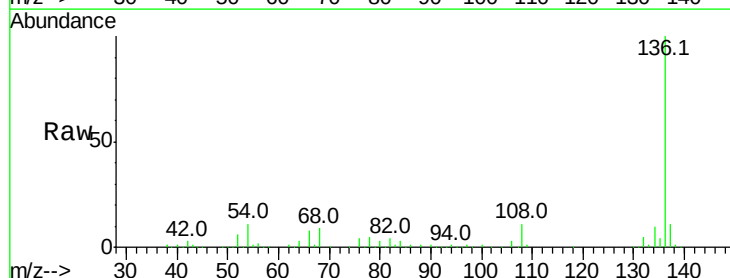
Ion Ratio Lower Upper

136 100

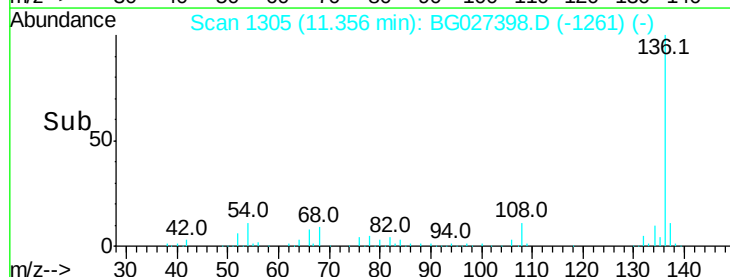
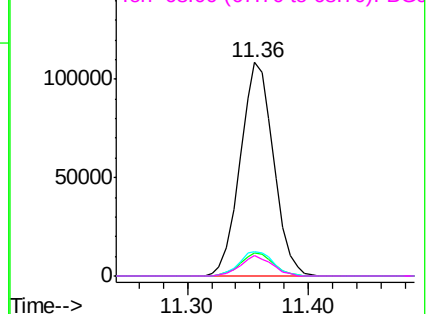
137 10.6 8.9 13.3

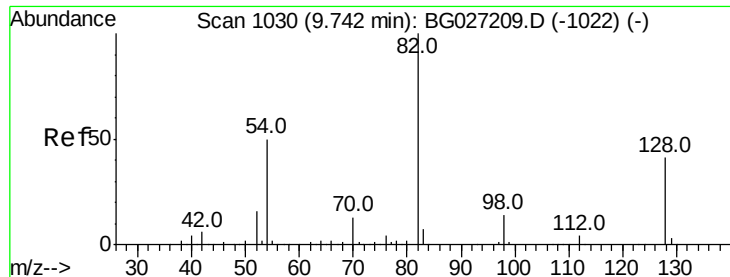
54 11.2 9.3 13.9

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

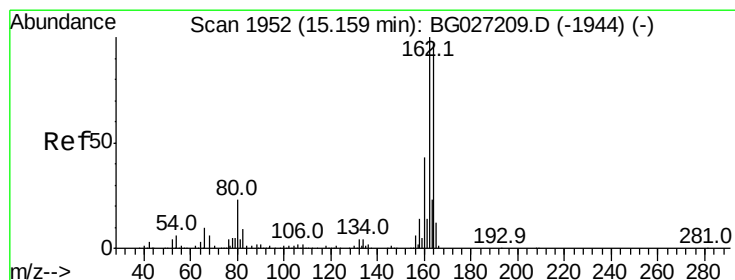
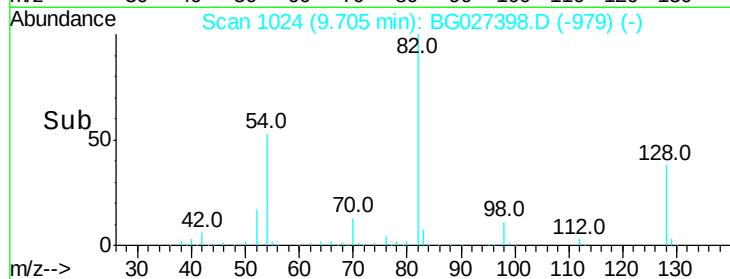
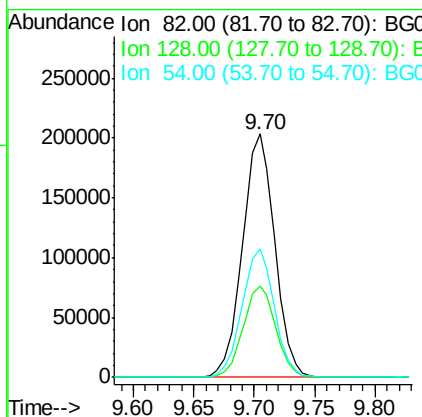
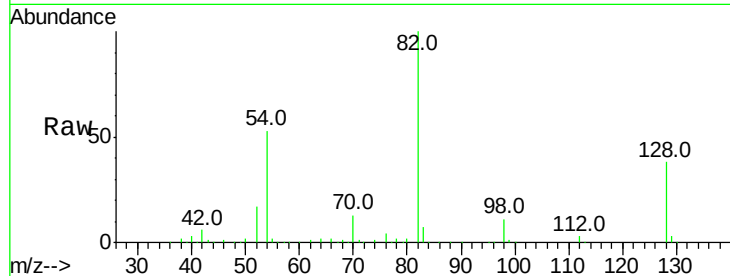




#23
 Nitrobenzene-d5
 Concen: 114.73 ng
 RT: 9.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027398.D
 Acq: 13 Jun 2017 22:59

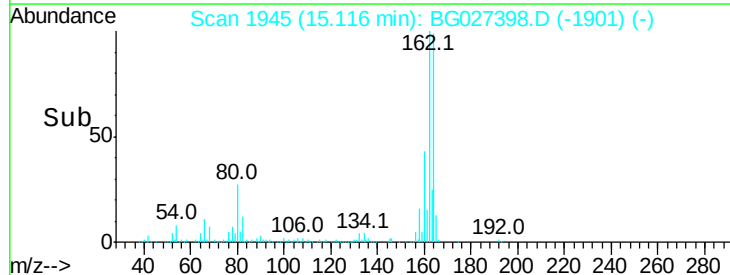
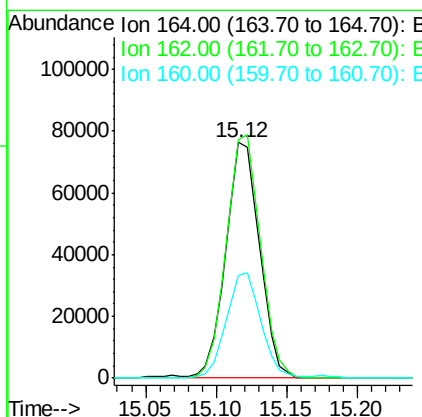
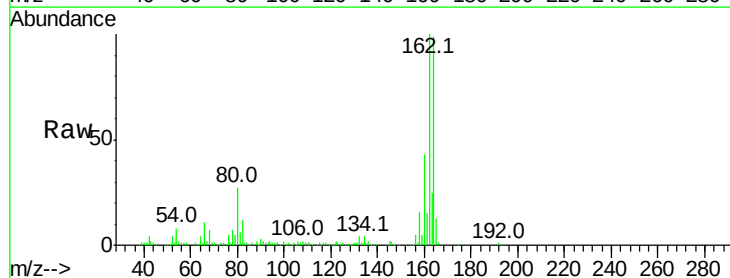
Instrument :
 BNA_G
 ClientSampleId :
 PZ-8

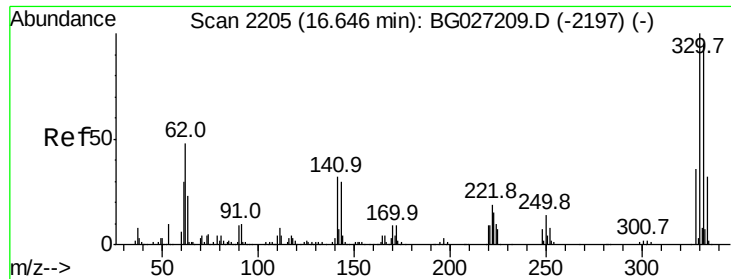
Tot Ion	82	Resp	378684
Ion	Ratio	Lower	Upper
82	100		
128	37.7	26.4	39.6
54	52.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BG027398.D
 Acq: 13 Jun 2017 22:59

Tgt Ion	164	Resp	127345
Ion	Ratio	Lower	Upper
164	100		
162	101.4	85.1	127.7
160	43.8	34.7	52.1

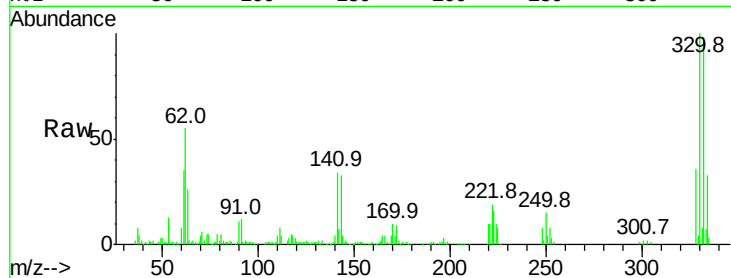




#41
 2,4,6-Tribromophenol
 Concen: 106.30 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027398.D
 Acq: 13 Jun 2017 22:59

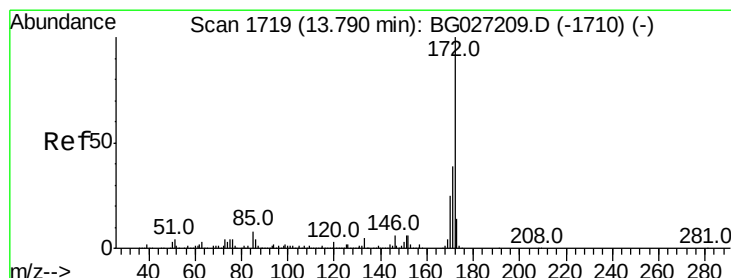
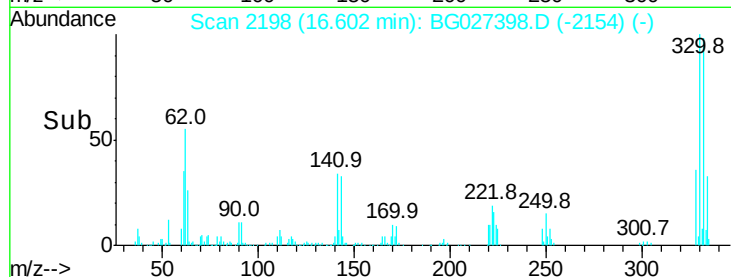
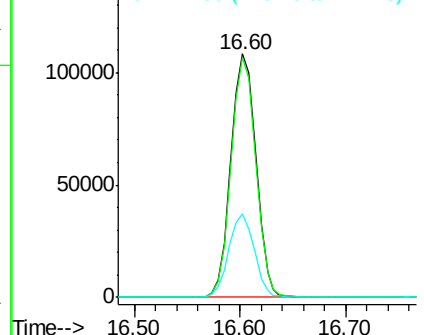
Instrument :
 BNA_G
 ClientSampleId :
 PZ-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	35.1	32.1	48.1



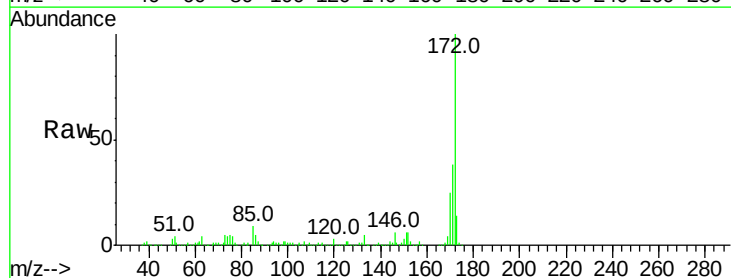
Abundance

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



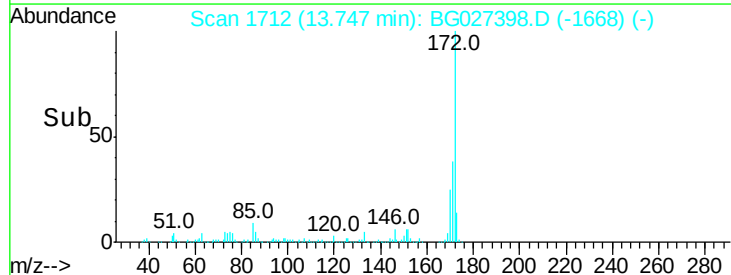
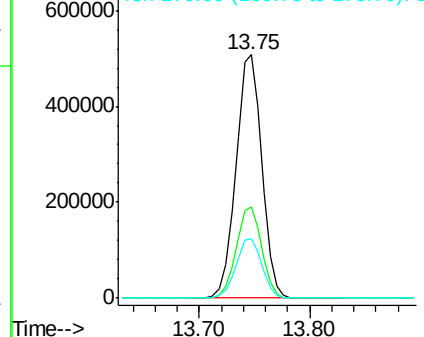
#44
 2-Fluorobiphenyl
 Concen: 91.17 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027398.D
 Acq: 13 Jun 2017 22:59

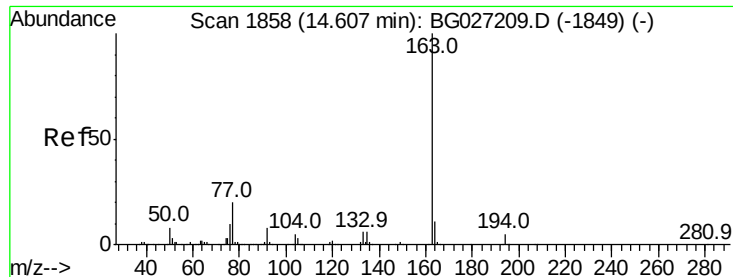
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.6	21.8	32.6



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





#49

Dimethylphthalate

Concen: 9.09 ng

RT: 14.55 min Scan# 1849

Delta R.T. -0.06 min

Lab File: BG027398.D

Acq: 13 Jun 2017 22:59

Instrument :

BNA_G

ClientSampleId :

PZ-8

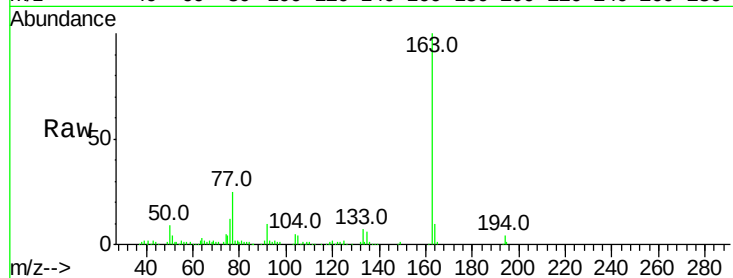
Tot Ion:163 Resp: 91804

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

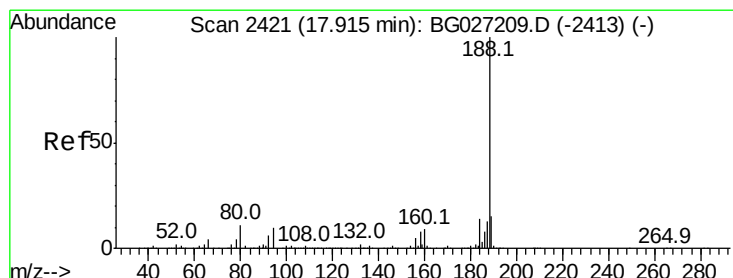
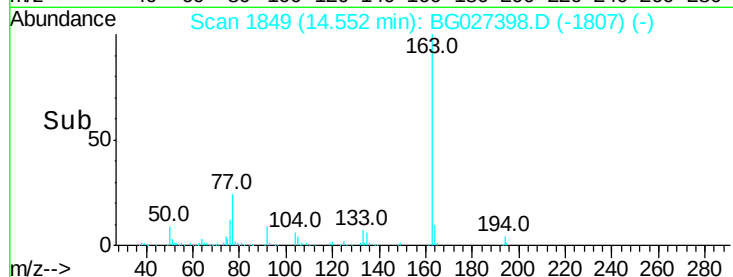
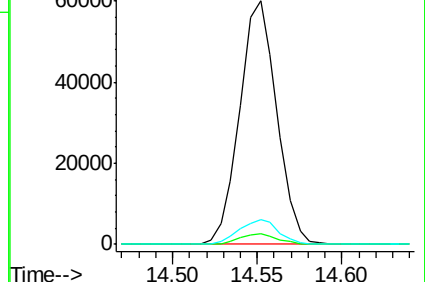
164 10.3 9.3 13.9



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: 17.87 min Scan# 2414

Delta R.T. -0.04 min

Lab File: BG027398.D

Acq: 13 Jun 2017 22:59

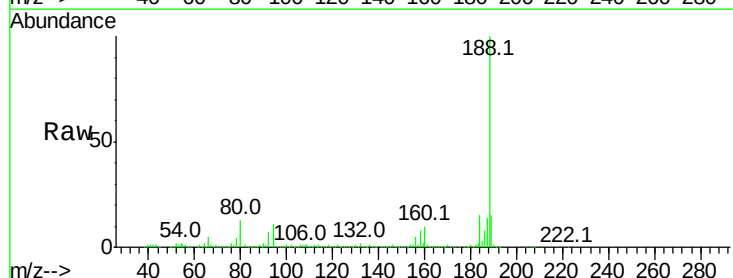
Tgt Ion:188 Resp: 315391

Ion Ratio Lower Upper

188 100

94 11.2 5.8 8.8#

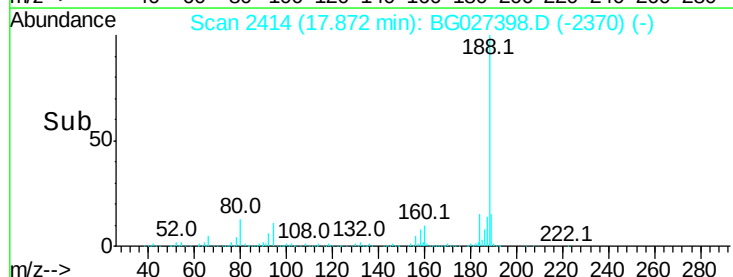
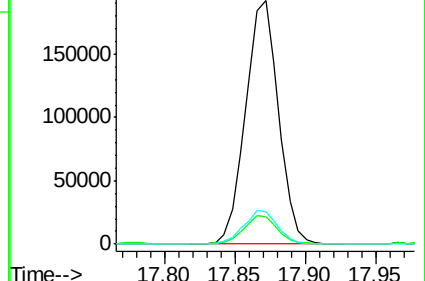
80 13.2 7.5 11.3#

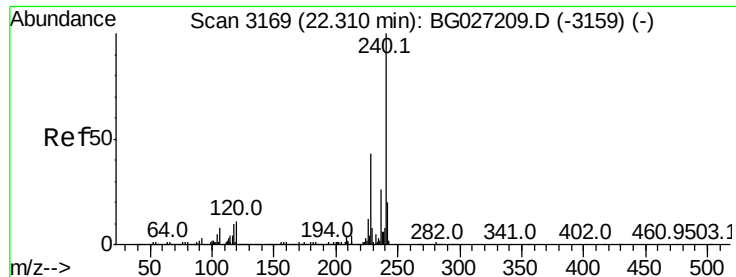


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027398.D

Acq: 13 Jun 2017 22:59

Instrument :

BNA_G

ClientSampleId :

PZ-8

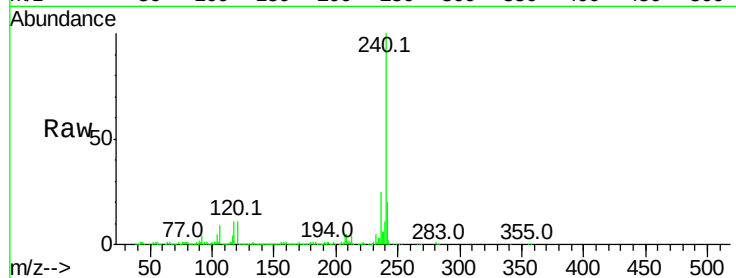
Tot Ion:240 Resp: 385297

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

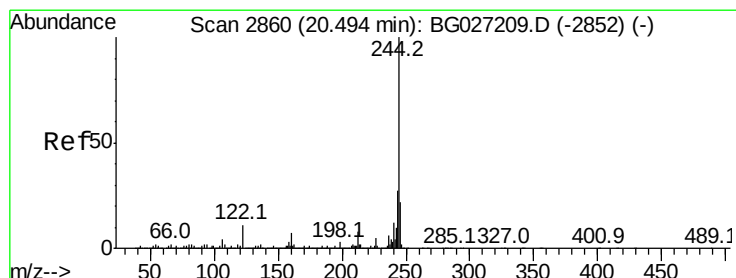
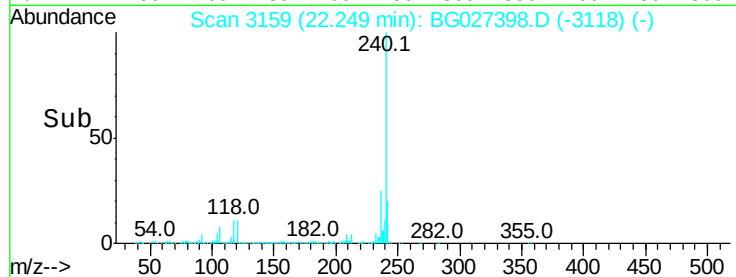
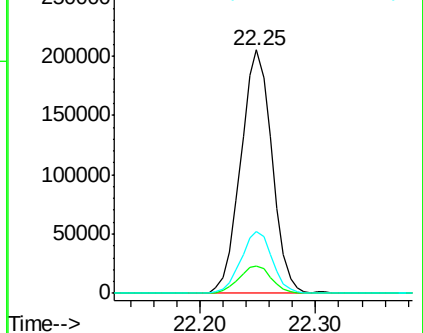
236 25.3 22.2 33.4



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: 103.39 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027398.D

Acq: 13 Jun 2017 22:59

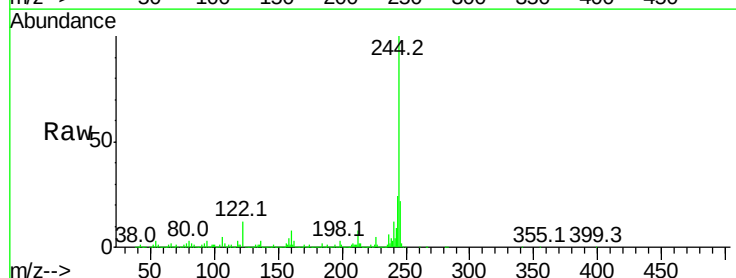
Tgt Ion:244 Resp: 1561595

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

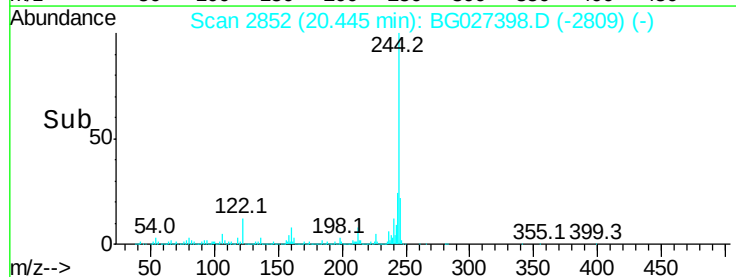
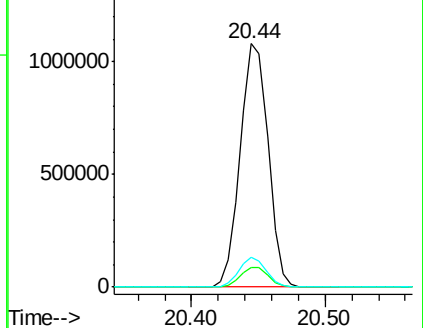
122 12.4 8.6 12.8

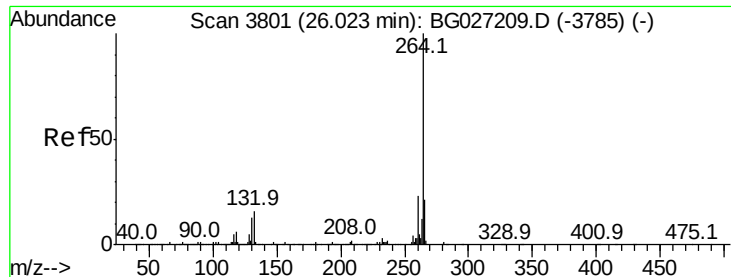


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

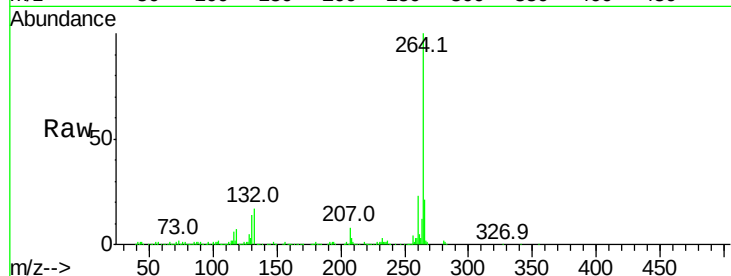




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.91 min Scan# 3783
Delta R.T. -0.11 min
Lab File: BG027398.D
Acq: 13 Jun 2017 22:59

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	21.1	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

