

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
 Data File : BG027593.D
 Acq On : 22 Jun 2017 12:59
 Operator : SJ/JU
 Sample : I3799-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-9.5-10.0

Quant Time: Jun 22 14:22:45 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

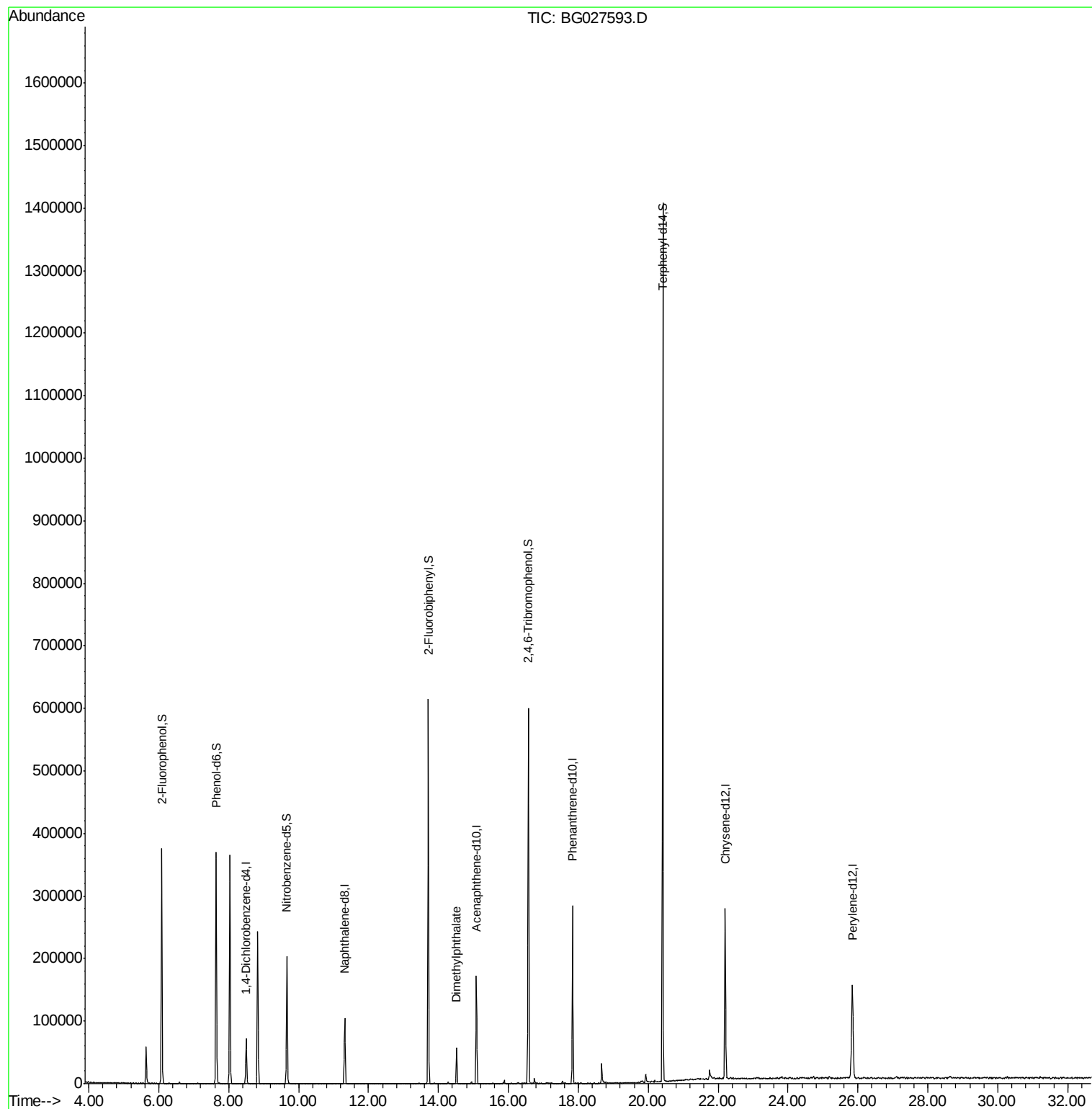
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	18696	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	86988	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	54598	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	166896	20.00	ng	0.00
75) Chrysene-d12	22.20	240	182088	20.00	ng	-0.01
86) Perylene-d12	25.84	264	177531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	153209	116.63	ng	0.00
7) Phenol-d6	7.64	99	208067	106.99	ng	0.00
23) Nitrobenzene-d5	9.66	82	131330	71.44	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	108427	133.21	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	297767	74.50	ng	0.00
78) Terphenyl-d14	20.42	244	616898	79.82	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.52	163	35516	7.429	ng	Qvalue # 98

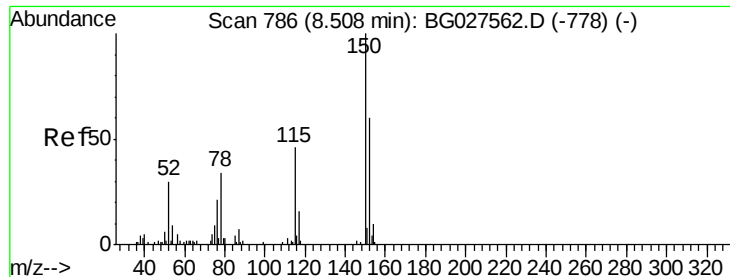
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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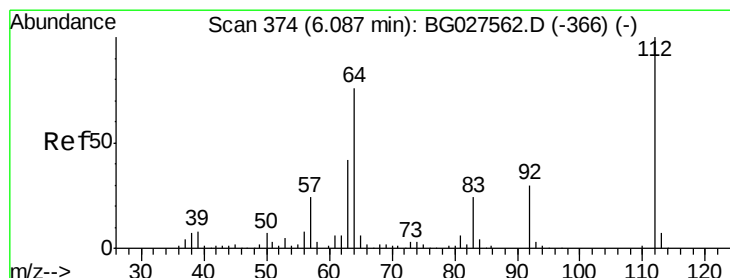
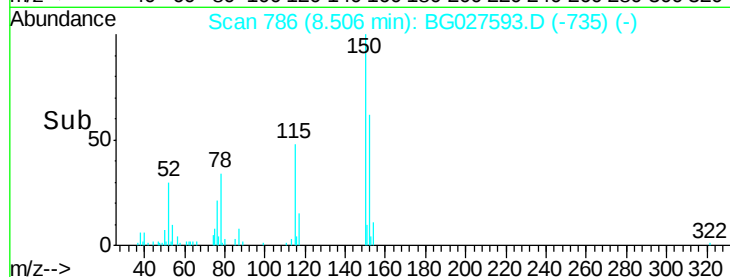
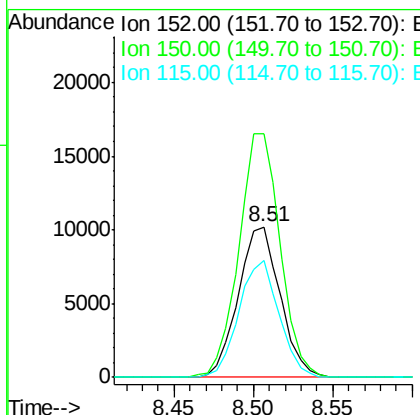
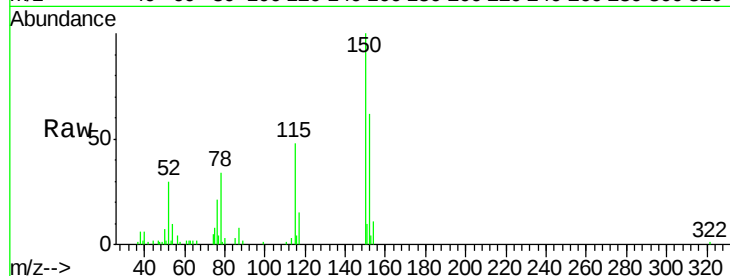


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027593.D
Acq: 22 Jun 2017 12:59

Instrument :
BNA_G
ClientSampleId :
SB-06-9.5-10.0

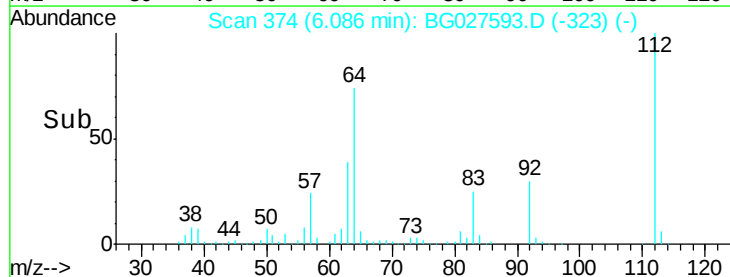
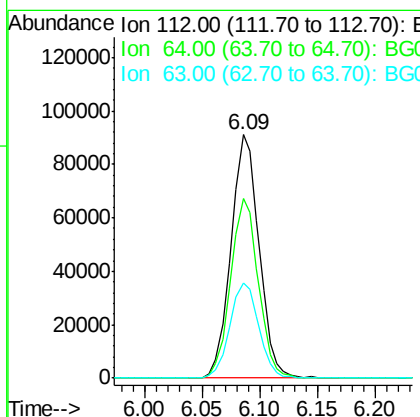
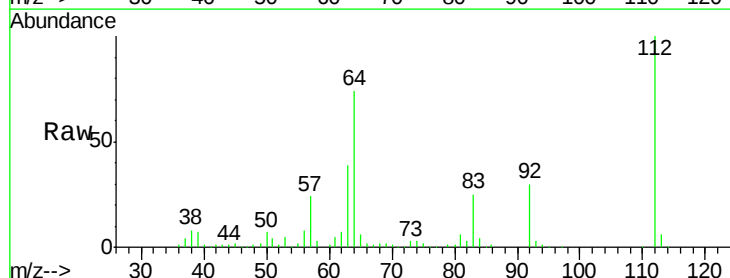
Tgt Ion:152 Resp: 18696
Ion Ratio Lower Upper
152 100
150 161.6 114.0 171.0
115 77.3 48.1 72.1#

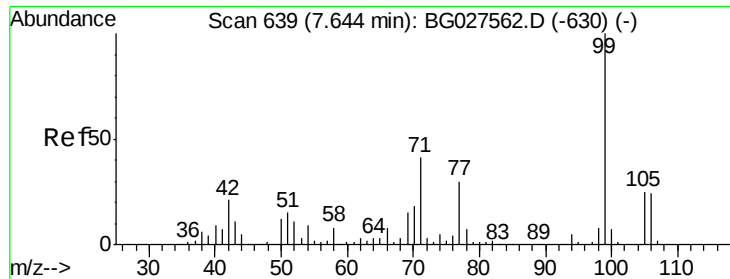


#5

2-Fluorophenol
Concen: 116.629 ng
RT: 6.09 min Scan# 374
Delta R.T. -0.00 min
Lab File: BG027593.D
Acq: 22 Jun 2017 12:59

Tgt Ion:112 Resp: 153209
Ion Ratio Lower Upper
112 100
64 73.5 61.8 92.6
63 39.0 37.2 55.8





#7

Phenol-d6

Concen: 106.991 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027593.D

Acq: 22 Jun 2017 12:59

Instrument :

BNA_G

ClientSampleId :

SB-06-9.5-10.0

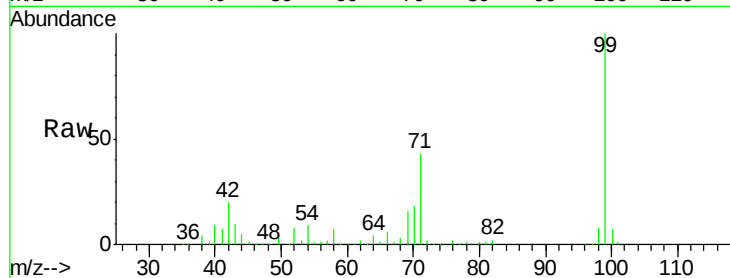
Tgt Ion: 99 Resp: 208067

Ion Ratio Lower Upper

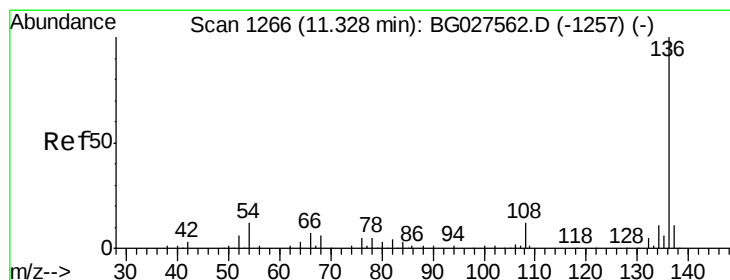
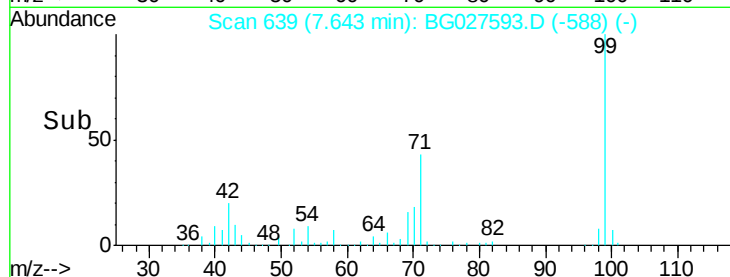
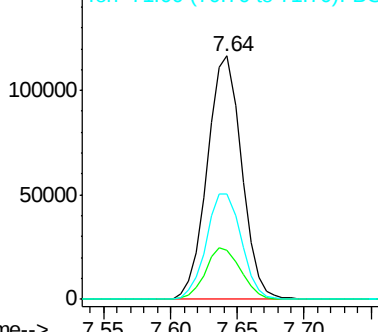
99 100

42 20.4 20.5 30.7#

71 43.3 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: 20.000 ng

RT: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027593.D

Acq: 22 Jun 2017 12:59

Tgt Ion: 136 Resp: 86988

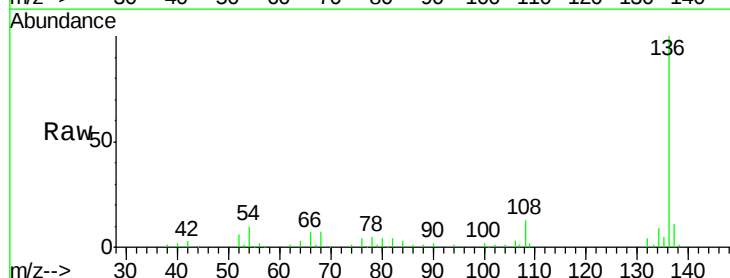
Ion Ratio Lower Upper

136 100

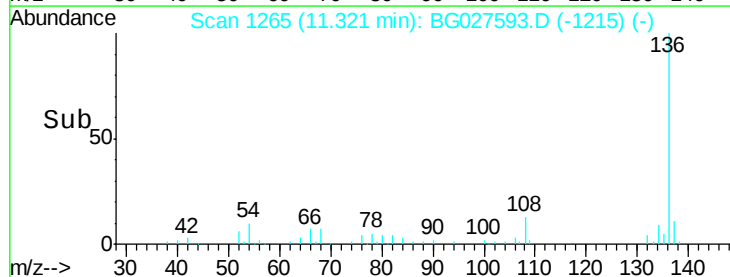
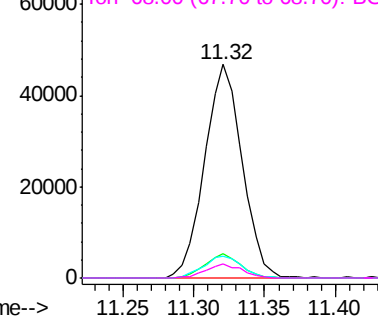
137 11.5 8.9 13.3

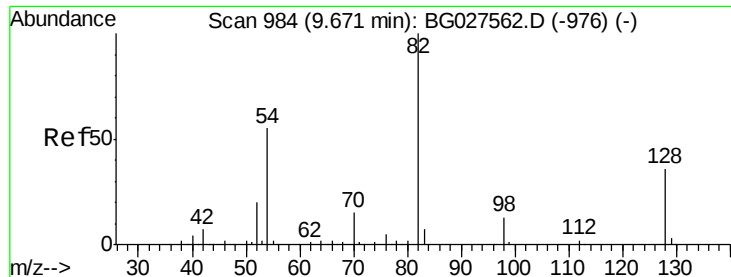
54 10.0 9.3 13.9

68 6.5 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

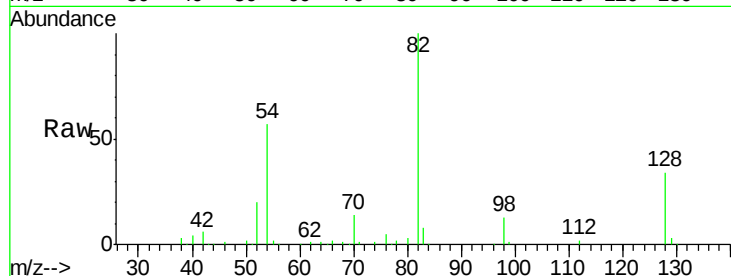




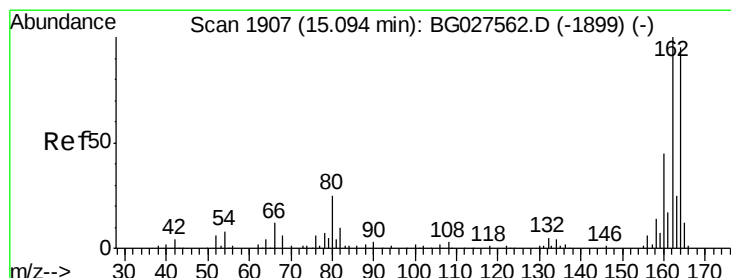
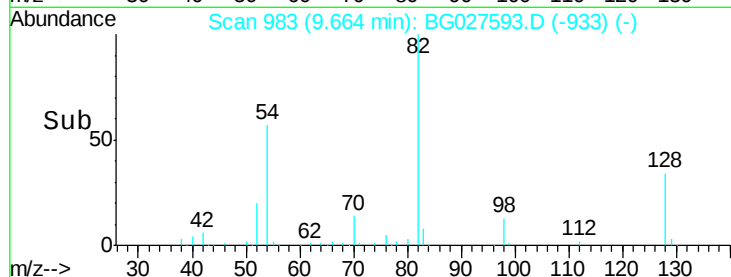
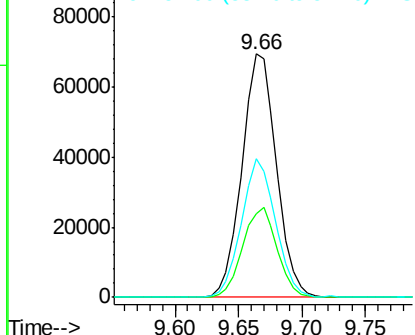
#23
 Nitrobenzene-d5
 Concen: 71.439 ng
 RT: 9.66 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BG027593.D
 Acq: 22 Jun 2017 12:59

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-9.5-10.0

Tgt Ion: 82 Resp: 131330
 Ion Ratio Lower Upper
 82 100
 128 34.4 26.4 39.6
 54 57.1 49.4 74.2

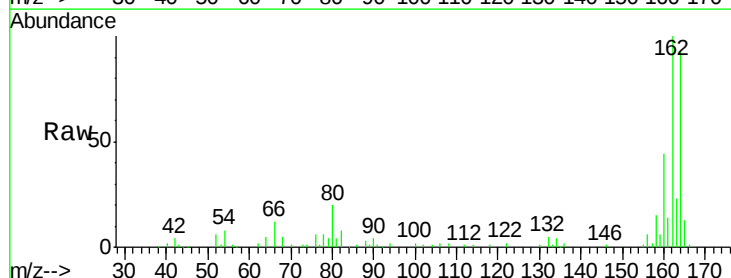


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

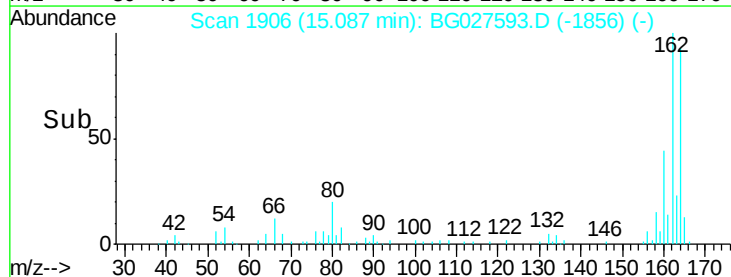
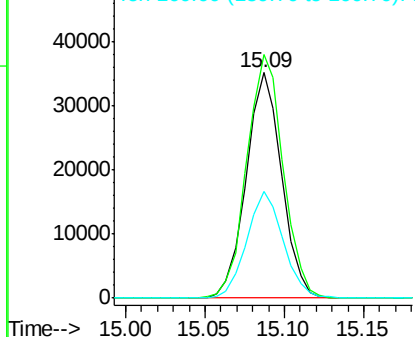


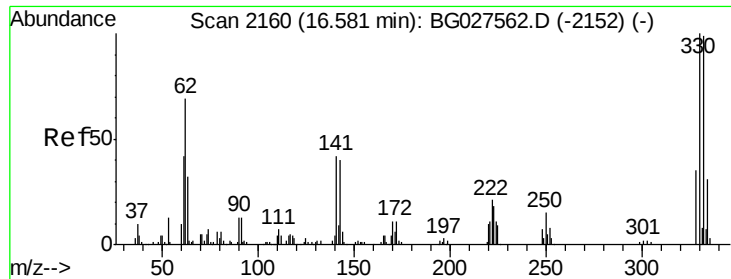
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027593.D
 Acq: 22 Jun 2017 12:59

Tgt Ion: 164 Resp: 54598
 Ion Ratio Lower Upper
 164 100
 162 108.0 85.1 127.7
 160 47.4 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

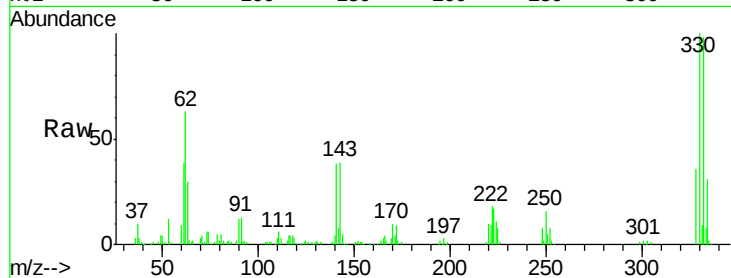




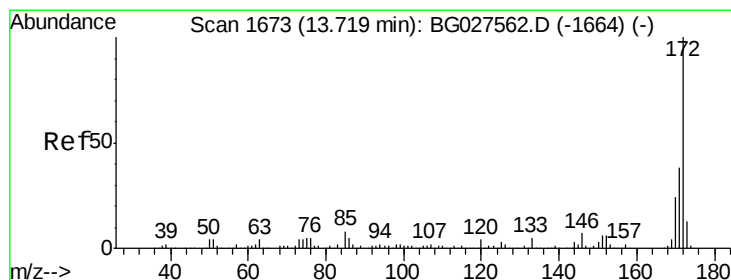
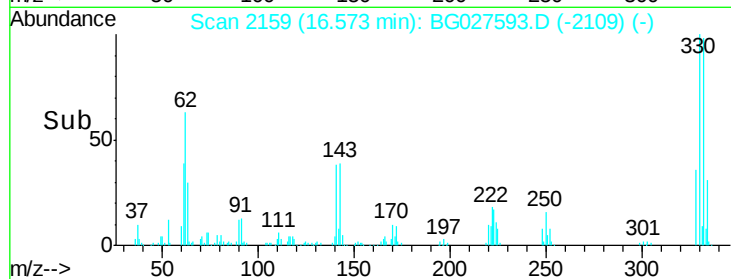
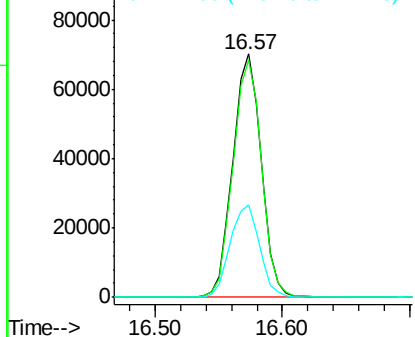
#41
 2,4,6-Tribromophenol
 Concen: 133.208 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027593.D
 Acq: 22 Jun 2017 12:59

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-9.5-10.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.3	115.9
141	39.3	32.1	48.1

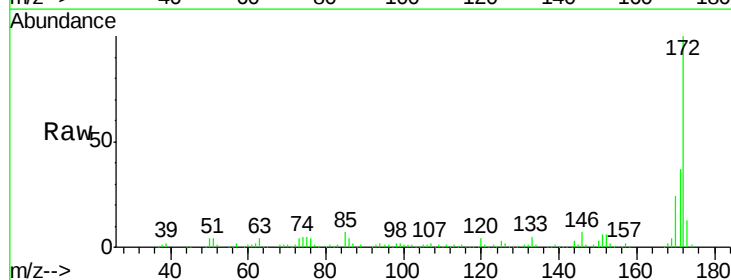


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

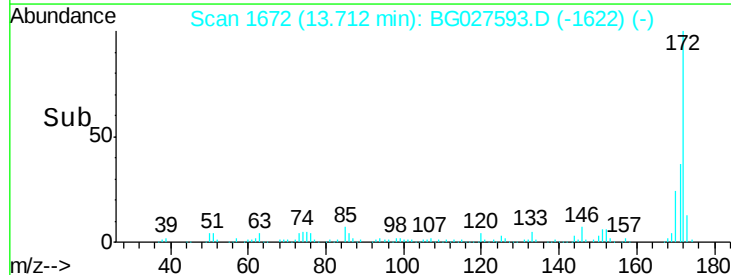
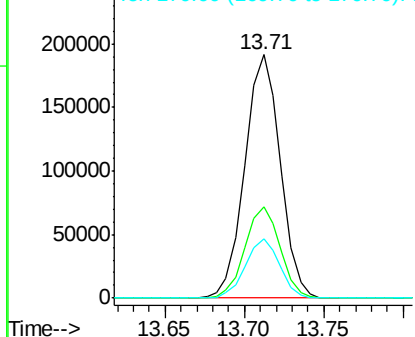


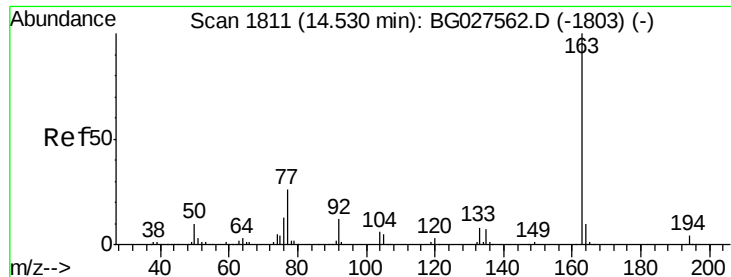
#44
 2-Fluorobiphenyl
 Concen: 74.499 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027593.D
 Acq: 22 Jun 2017 12:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	24.5	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

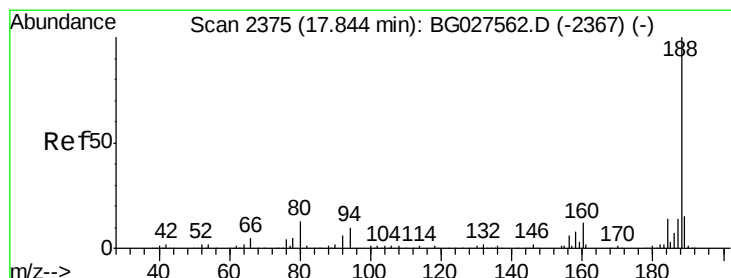
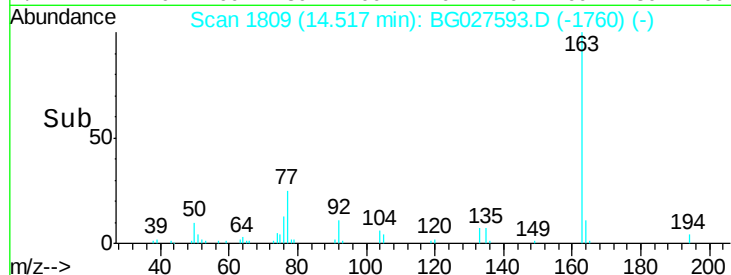
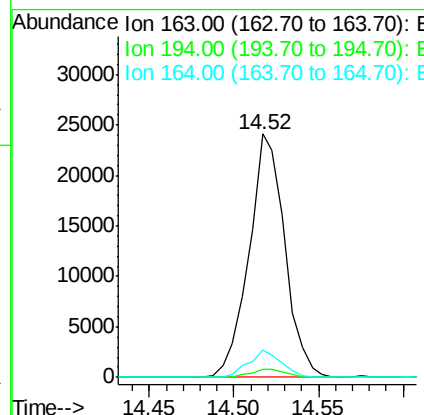
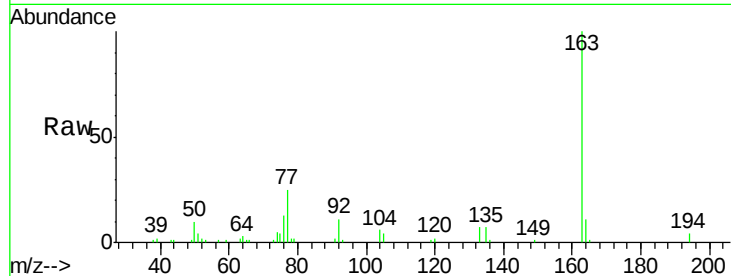




#49
Dimethylphthalate
Concen: 7.429 ng
RT: 14.52 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG027593.D
Acq: 22 Jun 2017 12:59

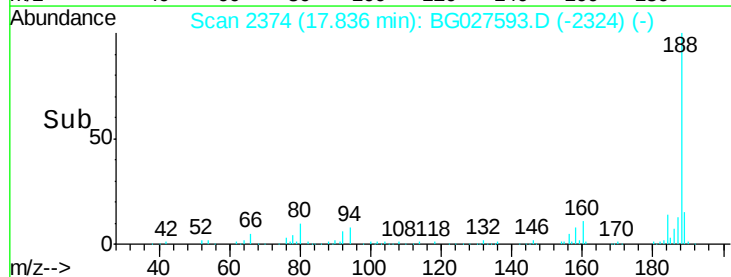
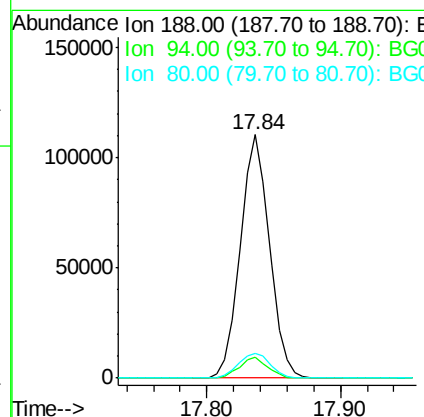
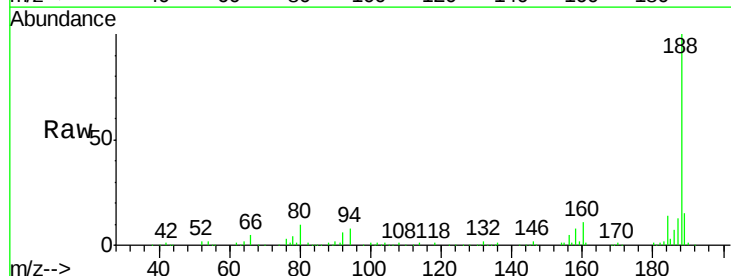
Instrument :
BNA_G
ClientSampleId :
SB-06-9.5-10.0

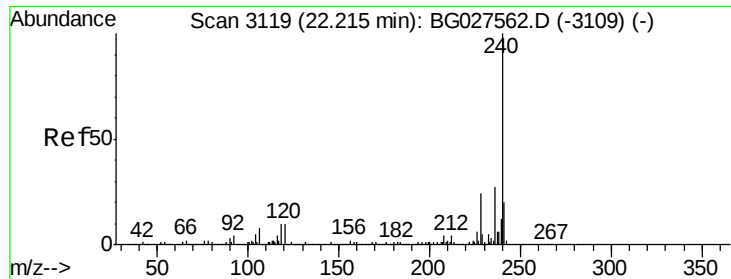
Tgt Ion:163 Resp: 35516
Ion Ratio Lower Upper
163 100
194 3.6 3.8 5.6#
164 11.0 9.3 13.9



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027593.D
Acq: 22 Jun 2017 12:59

Tgt Ion:188 Resp: 166896
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.8
80 10.1 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027593.D

Acq: 22 Jun 2017 12:59

Instrument :

BNA_G

ClientSampleId :

SB-06-9.5-10.0

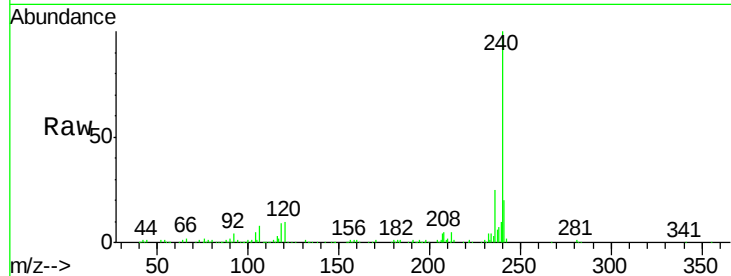
Tgt Ion:240 Resp: 182088

Ion Ratio Lower Upper

240 100

120 9.7 5.7 8.5#

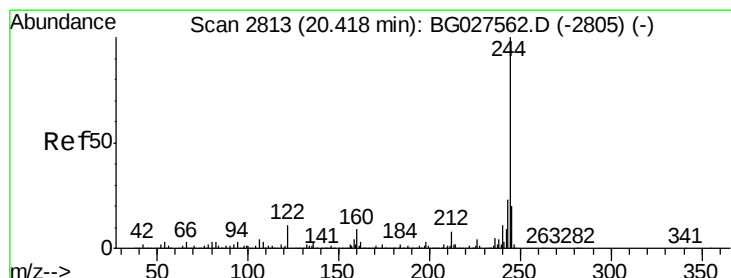
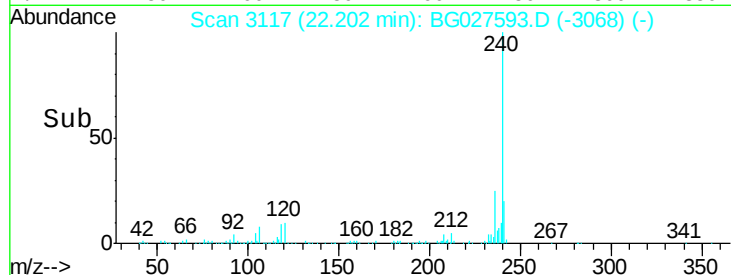
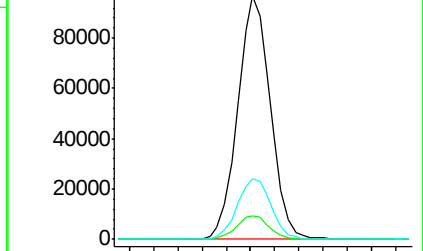
236 24.7 22.2 33.4



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: 79.822 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027593.D

Acq: 22 Jun 2017 12:59

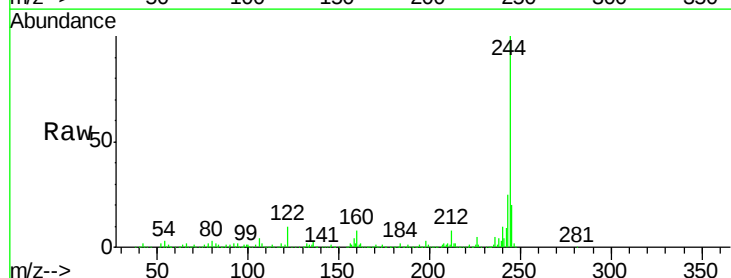
Tgt Ion:244 Resp: 616898

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

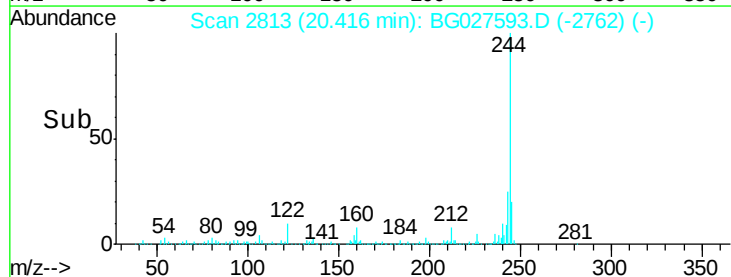
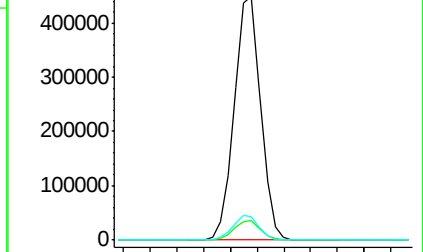
122 9.8 8.6 12.8

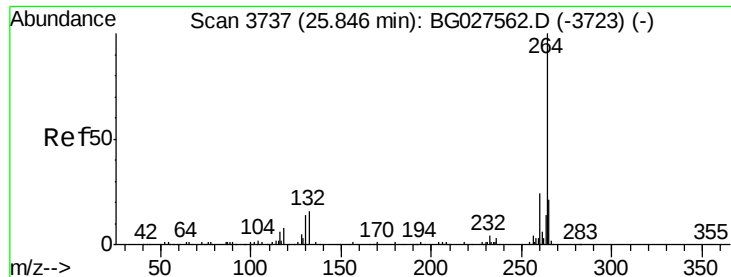


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

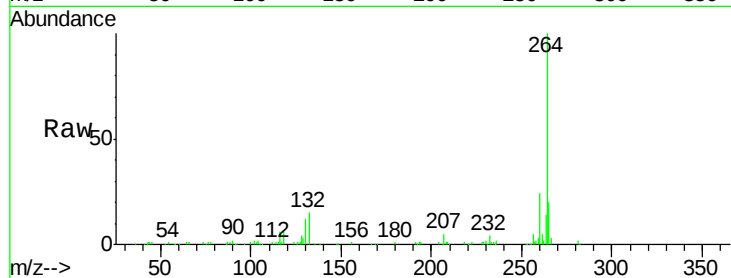




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.84 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG027593.D
Acq: 22 Jun 2017 12:59

Instrument :
BNA_G
ClientSampleId :
SB-06-9.5-10.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	19.9	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

