

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
 Data File : BG027592.D
 Acq On : 22 Jun 2017 12:19
 Operator : SJ/JU
 Sample : I3799-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-9.5-10.0

Quant Time: Jun 22 14:22:36 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

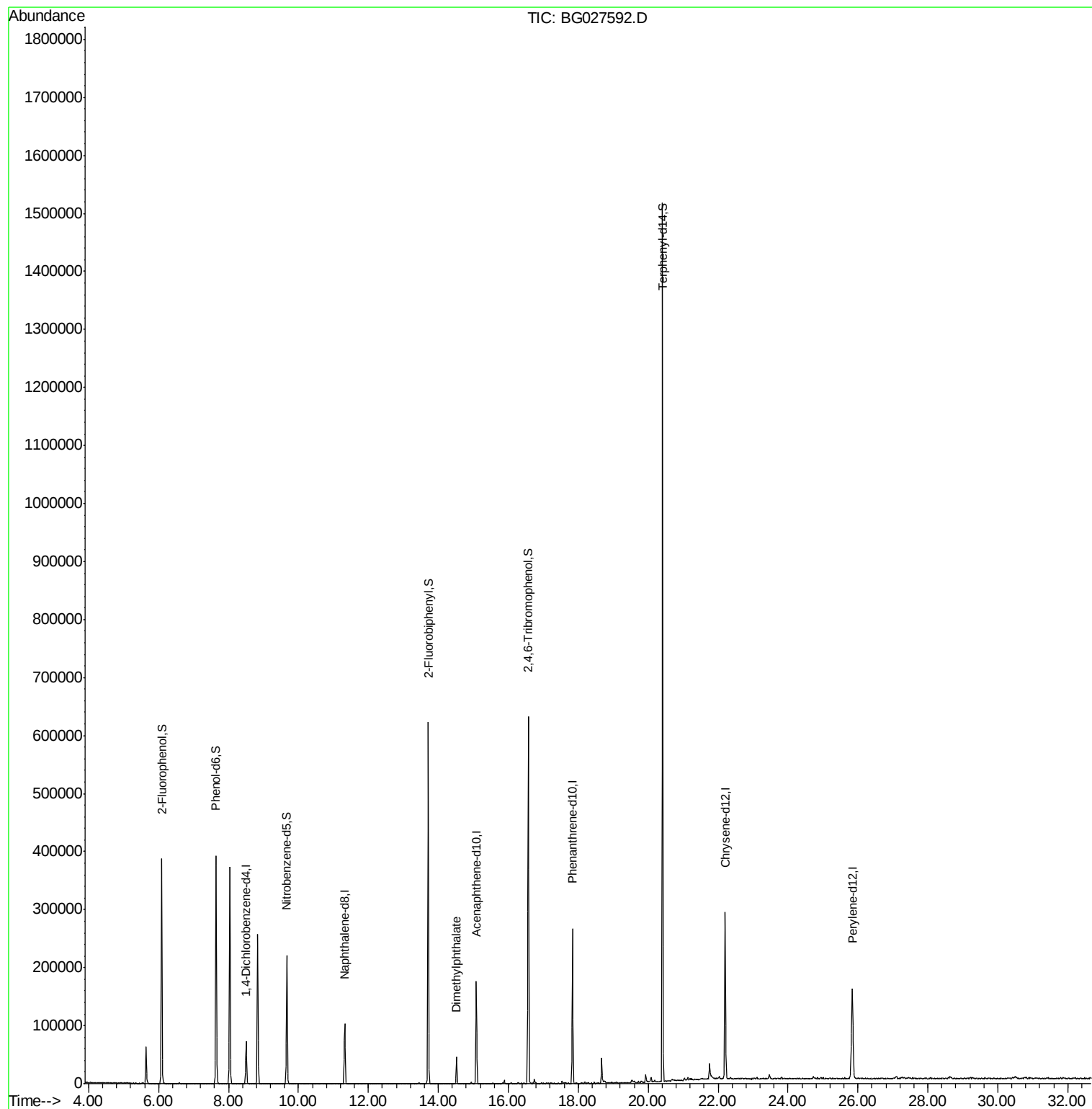
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19410	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	91104	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	58644	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	168889	20.00	ng	0.00
75) Chrysene-d12	22.20	240	187590	20.00	ng	-0.01
86) Perylene-d12	25.84	264	183739	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	158042	115.88	ng	0.00
7) Phenol-d6	7.64	99	221145	109.53	ng	0.00
23) Nitrobenzene-d5	9.67	82	138341	71.85	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	111648	127.70	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	306808	71.46	ng	0.00
78) Terphenyl-d14	20.41	244	638598	80.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.52	163	28583	5.567	ng	Qvalue 96

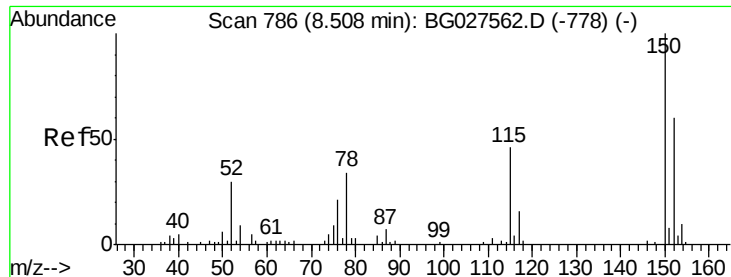
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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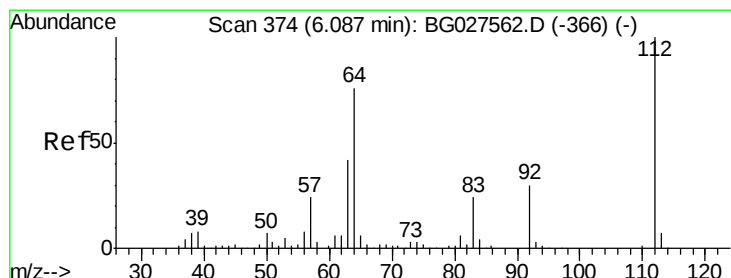
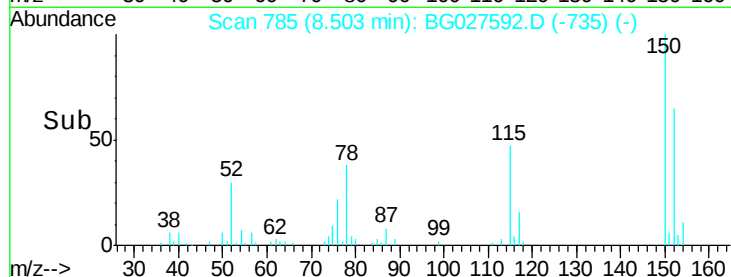
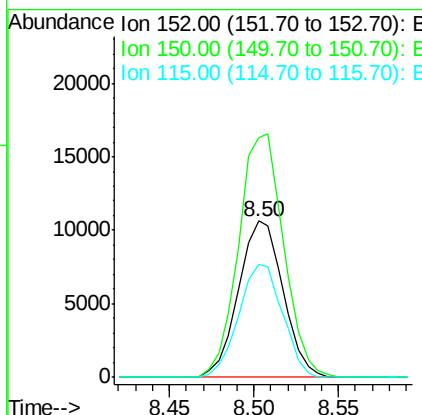
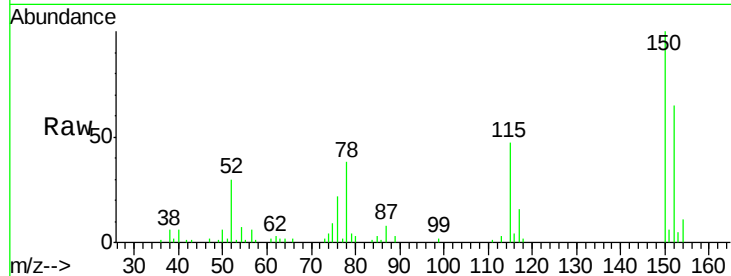


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG027592.D
Acq: 22 Jun 2017 12:19

Instrument :
BNA_G
ClientSampleId :
SB-05-9.5-10.0

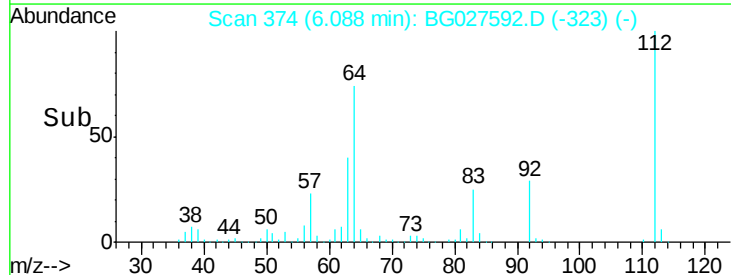
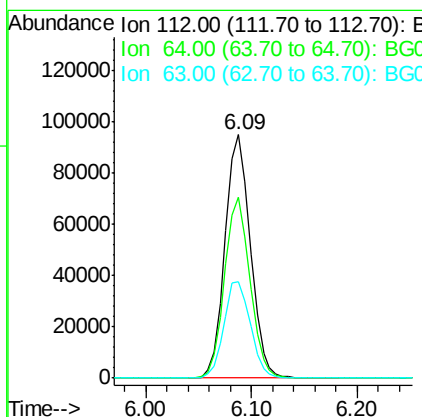
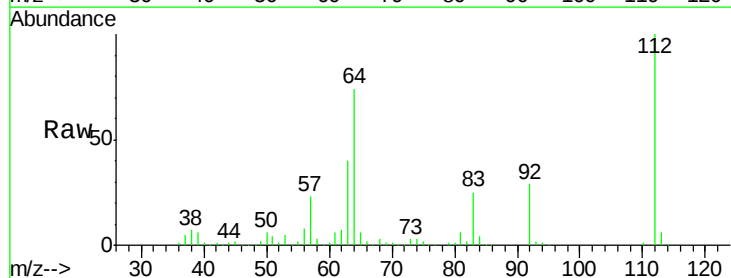
Tgt Ion:152 Resp: 19410
Ion Ratio Lower Upper
152 100
150 153.9 114.0 171.0
115 72.6 48.1 72.1#

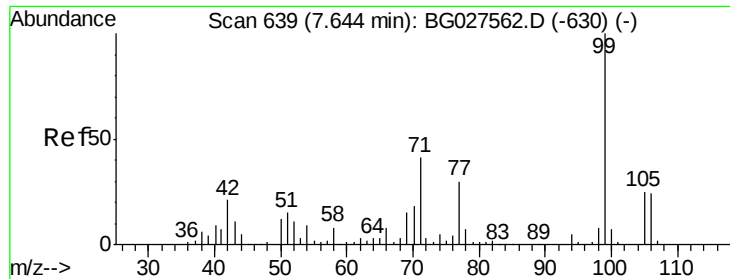


#5

2-Fluorophenol
Concen: 115.883 ng
RT: 6.09 min Scan# 374
Delta R.T. 0.00 min
Lab File: BG027592.D
Acq: 22 Jun 2017 12:19

Tgt Ion:112 Resp: 158042
Ion Ratio Lower Upper
112 100
64 74.4 61.8 92.6
63 39.5 37.2 55.8





#7

Phenol-d6

Concen: 109.533 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

Instrument :

BNA_G

ClientSampleId :

SB-05-9.5-10.0

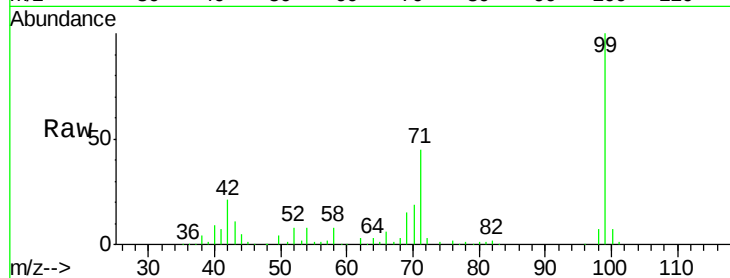
Tgt Ion: 99 Resp: 221145

Ion Ratio Lower Upper

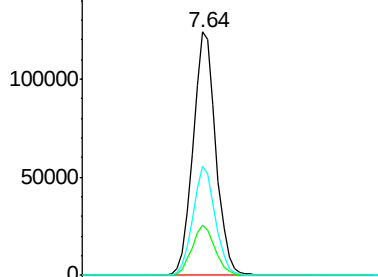
99 100

42 20.8 20.5 30.7

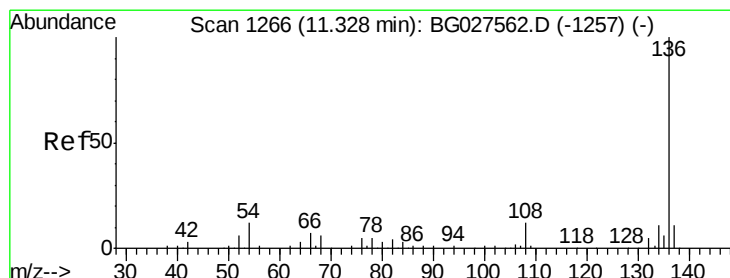
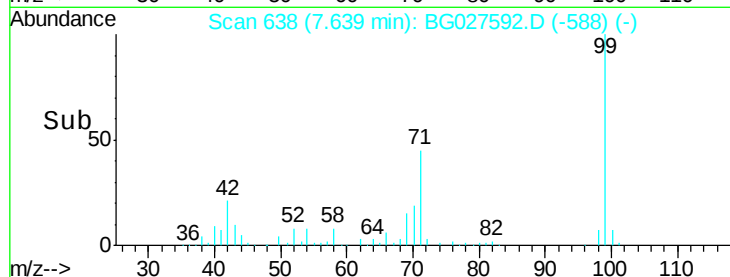
71 44.7 37.6 56.4



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

Tgt Ion: 136 Resp: 91104

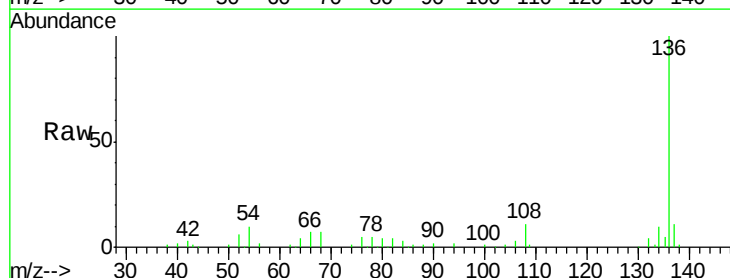
Ion Ratio Lower Upper

136 100

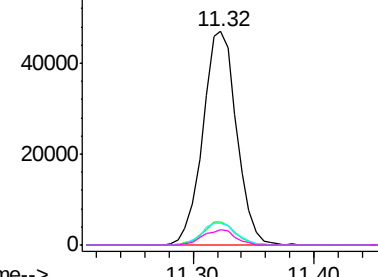
137 10.7 8.9 13.3

54 10.1 9.3 13.9

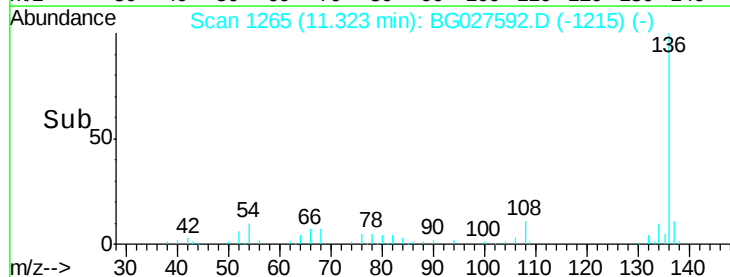
68 6.9 5.1 7.7

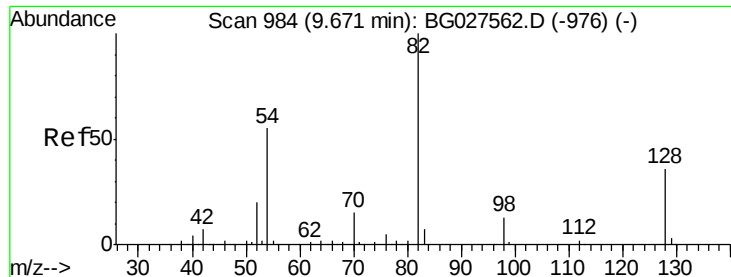


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

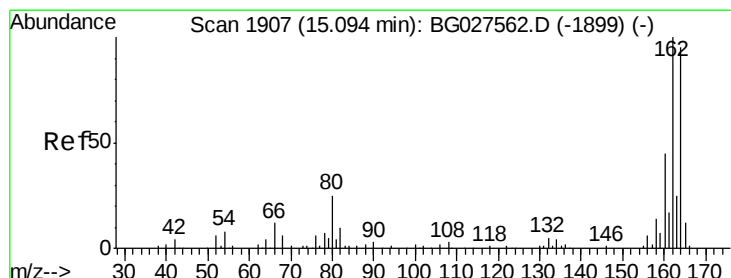
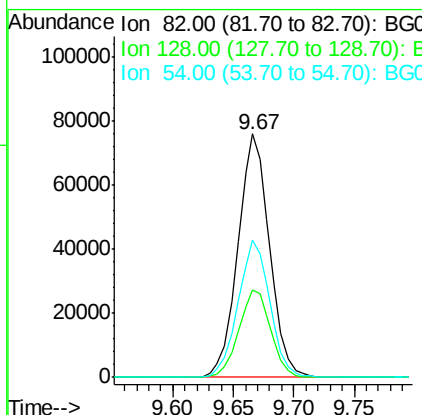
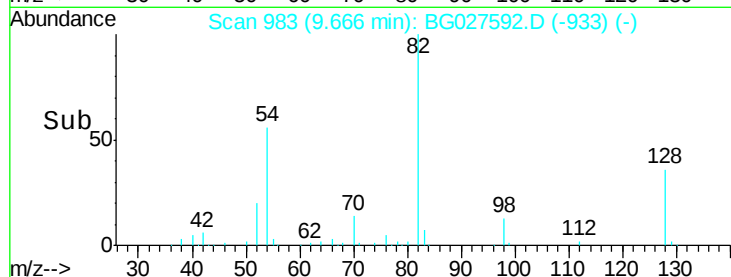
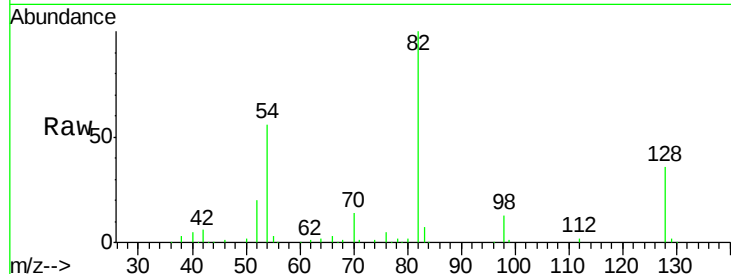




#23
 Nitrobenzene-d5
 Concen: 71.853 ng
 RT: 9.67 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BG027592.D
 Acq: 22 Jun 2017 12:19

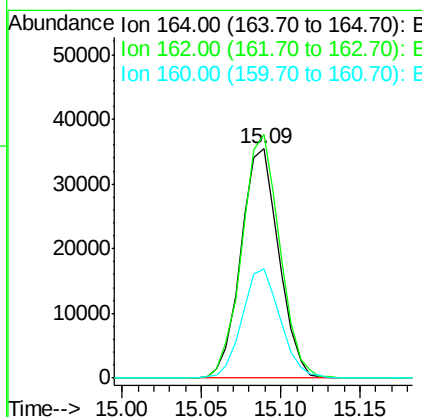
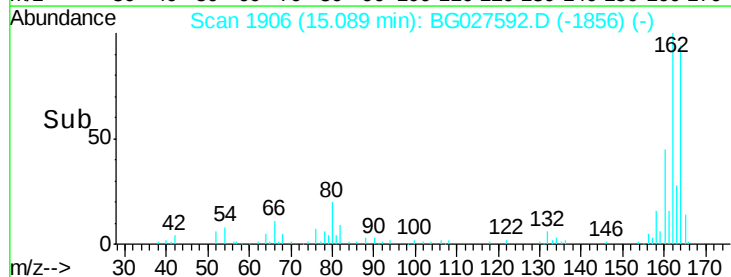
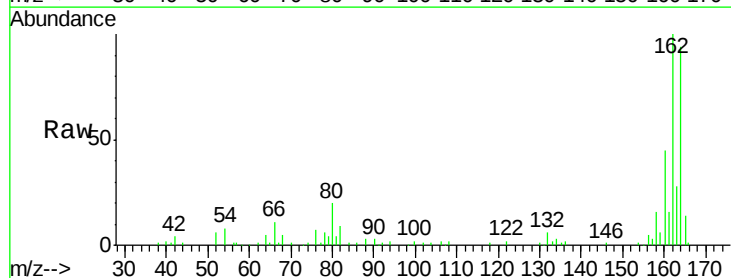
Instrument :
 BNA_G
 ClientSampleId :
 SB-05-9.5-10.0

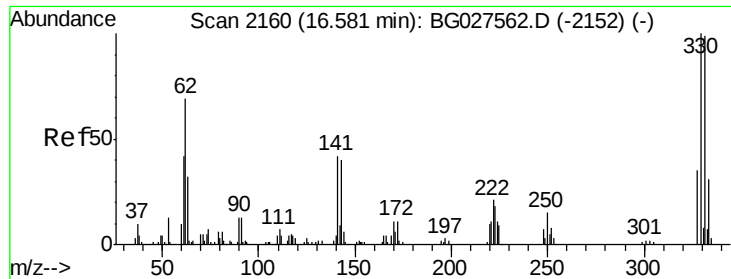
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.4	39.6
54	56.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027592.D
 Acq: 22 Jun 2017 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.1	127.7
160	47.4	34.7	52.1

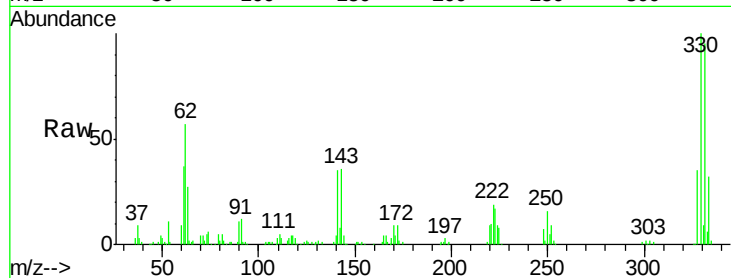




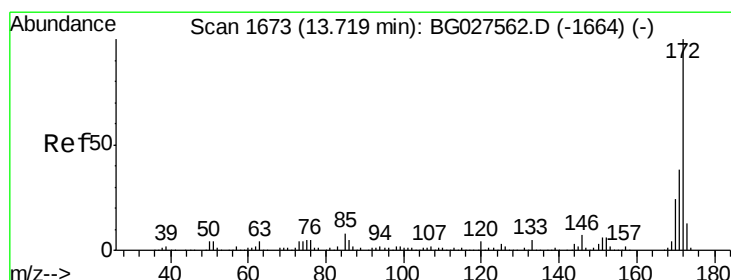
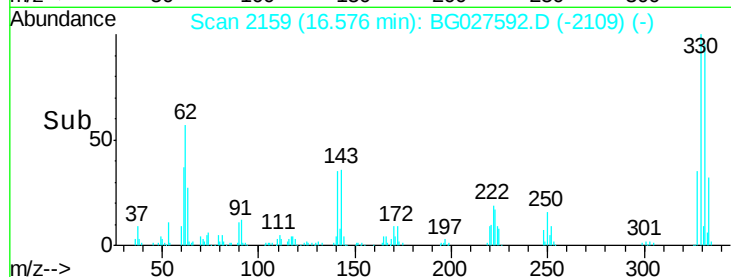
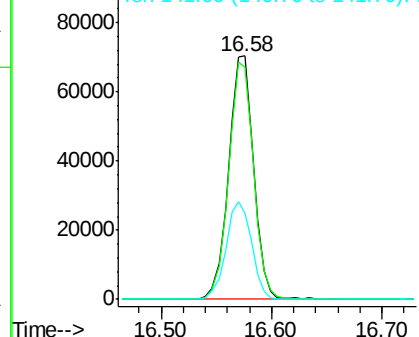
#41
 2,4,6-Tribromophenol
 Concen: 127.702 ng
 RT: 16.58 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027592.D
 Acq: 22 Jun 2017 12:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-9.5-10.0

Tgt Ion:330 Resp: 111648
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 40.6 32.1 48.1

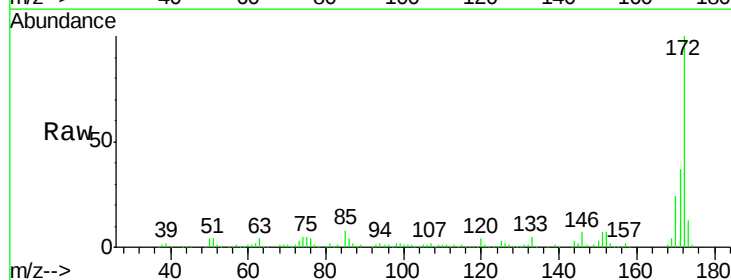


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

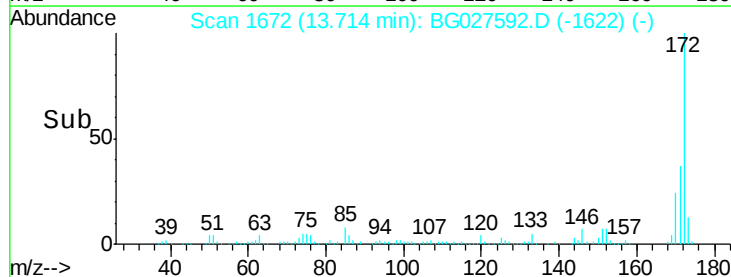
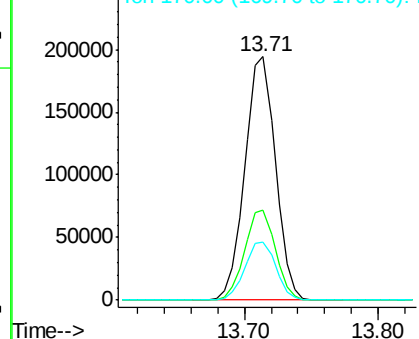


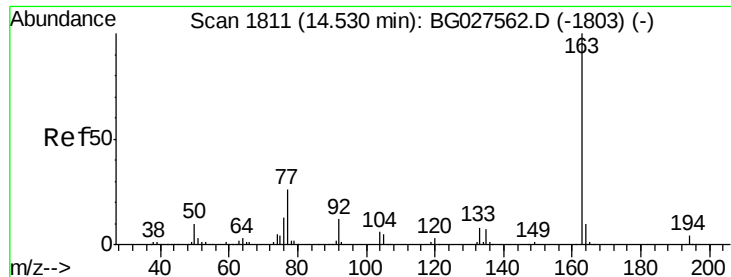
#44
 2-Fluorobiphenyl
 Concen: 71.465 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027592.D
 Acq: 22 Jun 2017 12:19

Tgt Ion:172 Resp: 306808
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 23.8 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





#49

Dimethylphthalate

Concen: 5.567 ng

RT: 14.52 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

Instrument :

BNA_G

ClientSampleId :

SB-05-9.5-10.0

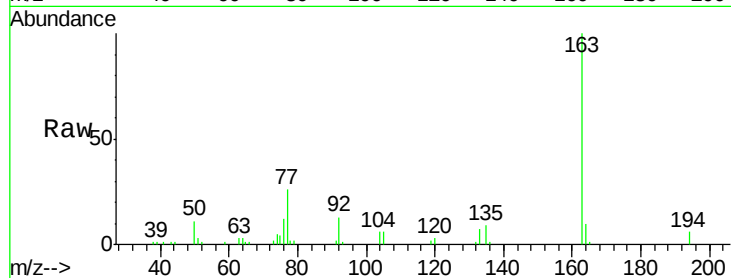
Tgt Ion:163 Resp: 28583

Ion Ratio Lower Upper

163 100

194 5.5 3.8 5.6

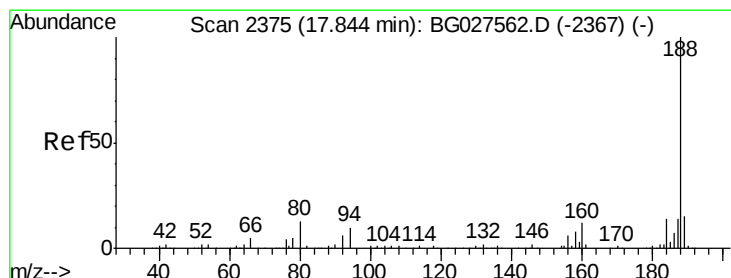
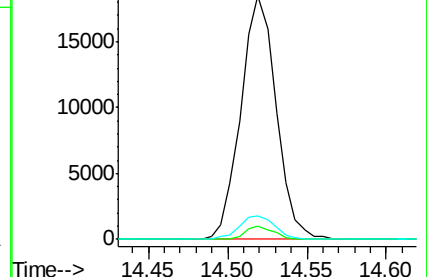
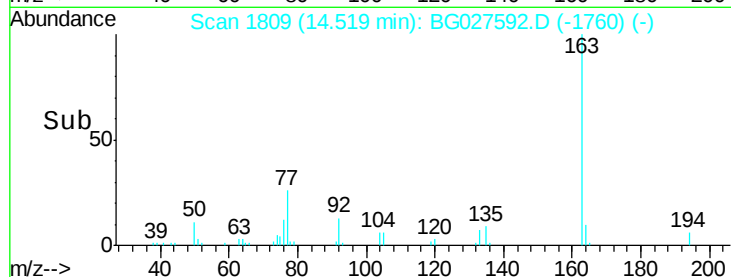
164 9.8 9.3 13.9



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: 20.000 ng

RT: 17.84 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

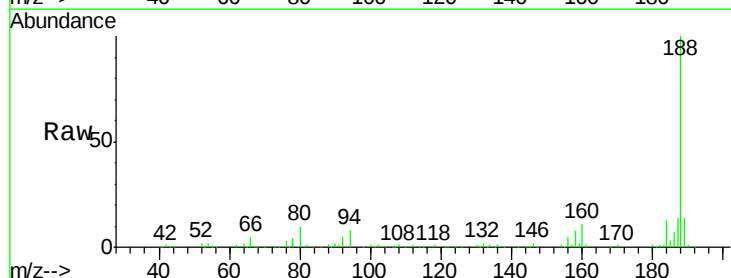
Tgt Ion:188 Resp: 168889

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.8

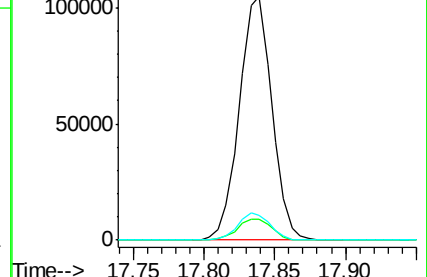
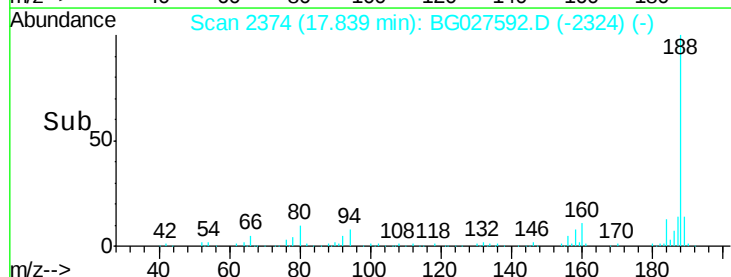
80 10.1 7.5 11.3

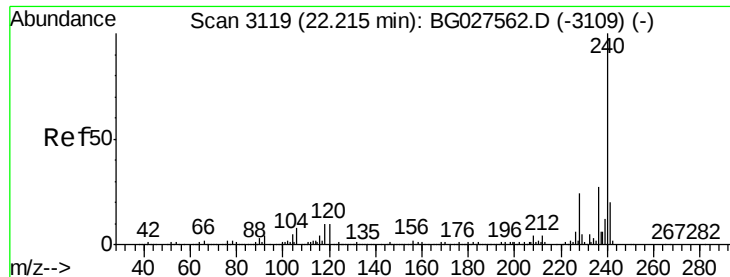


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

Instrument :

BNA_G

ClientSampleId :

SB-05-9.5-10.0

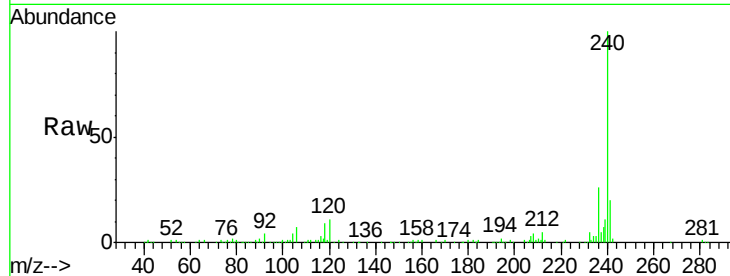
Tgt Ion:240 Resp: 187590

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

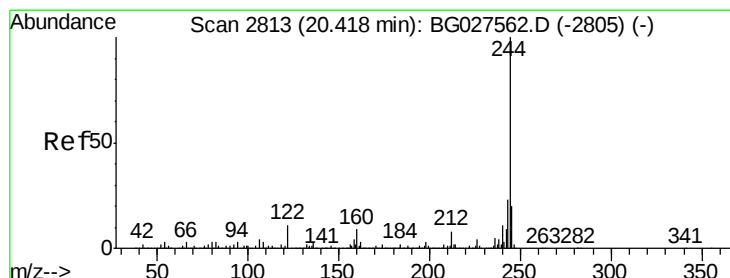
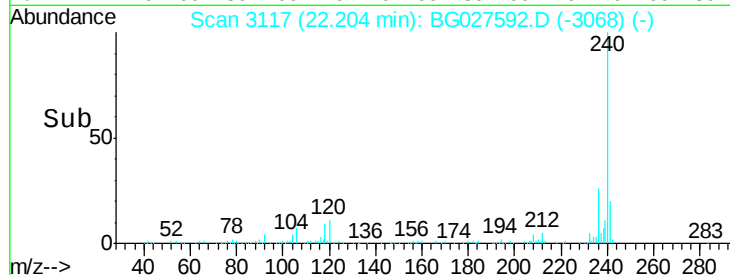
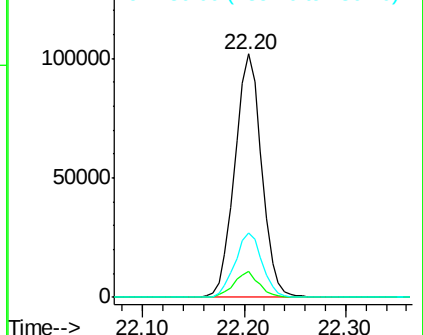
236 26.4 22.2 33.4



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: 80.206 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

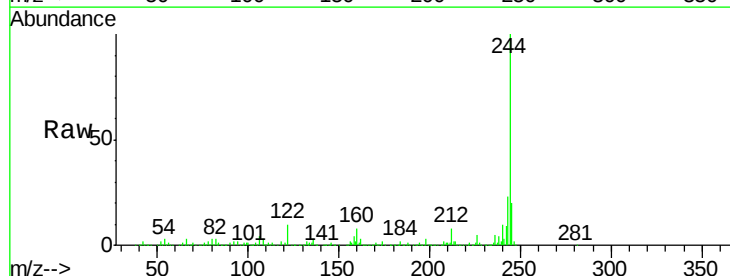
Tgt Ion:244 Resp: 638598

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

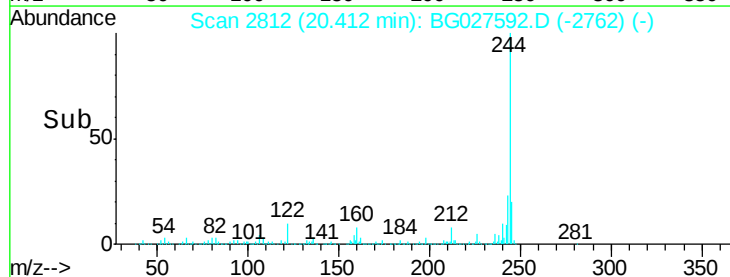
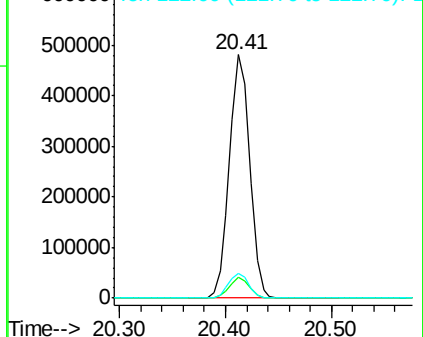
122 10.3 8.6 12.8

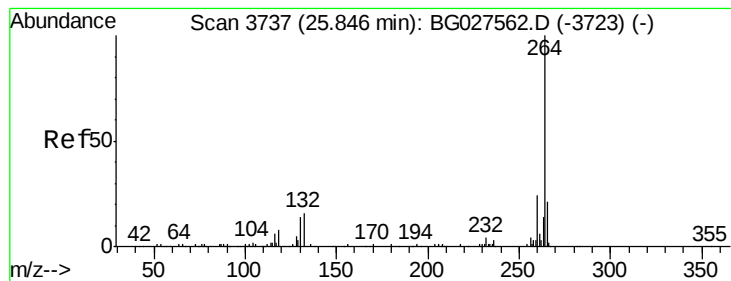


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.84 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG027592.D

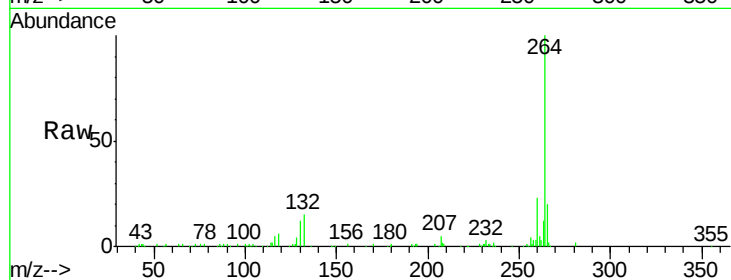
Acq: 22 Jun 2017 12:19

Instrument :

BNA_G

ClientSampleId :

SB-05-9.5-10.0



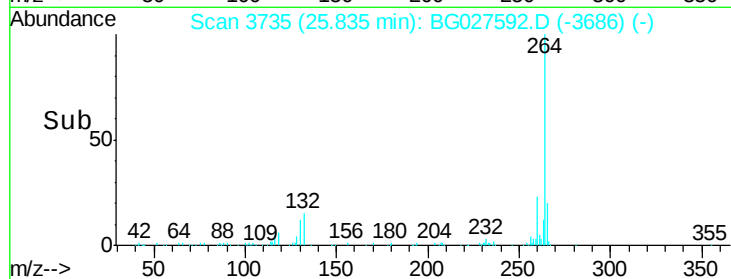
Tgt Ion:264 Resp: 183739

Ion Ratio Lower Upper

264 100

260 22.5 21.8 32.8

265 20.3 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

