

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062817\
 Data File : BG027737.D
 Acq On : 29 Jun 2017 11:54
 Operator : SJ/JU
 Sample : I3949-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-C2-(0-8)

Quant Time: Jun 29 13:06:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

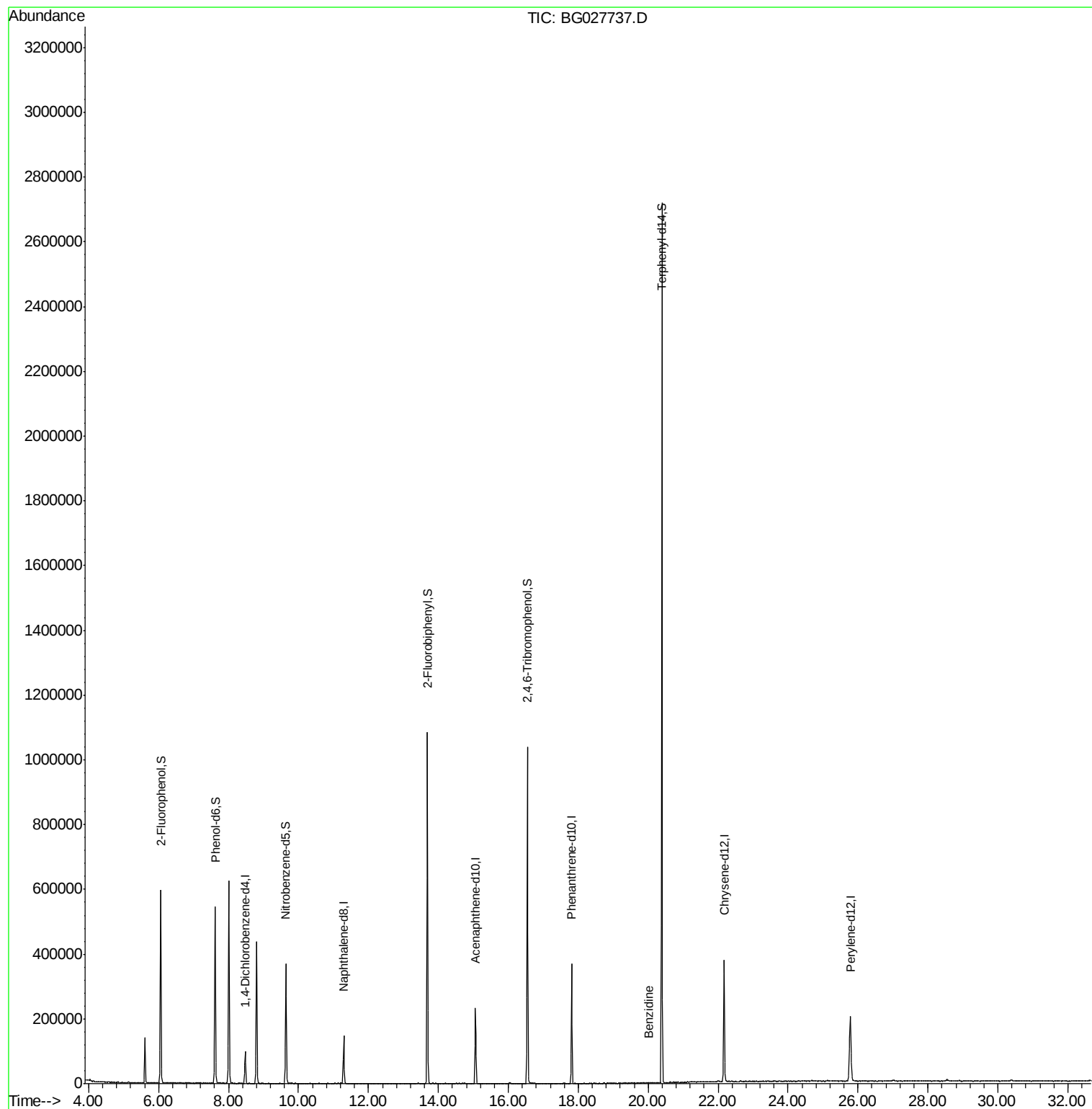
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	27688	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	134907	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	79910	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	224319	20.00	ng	0.00
75) Chrysene-d12	22.17	240	243973	20.00	ng	0.00
86) Perylene-d12	25.78	264	231828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	269682	149.99	ng	0.00
7) Phenol-d6	7.62	99	338572	123.26	ng	0.00
23) Nitrobenzene-d5	9.64	82	237818	98.26	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	191819	175.01	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	570475	101.96	ng	0.00
78) Terphenyl-d14	20.39	244	1156255	111.11	ng	0.00
Target Compounds						
76) Benzidine	20.03	184	1073	3.390	ng	Qvalue # 64

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

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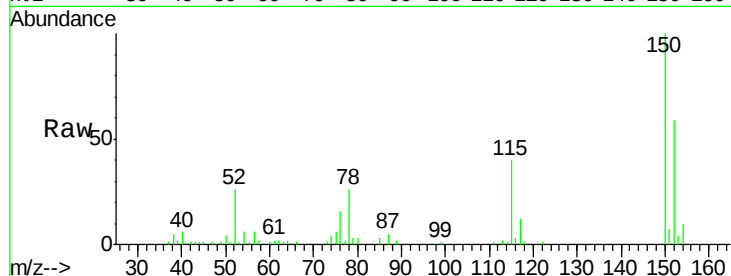




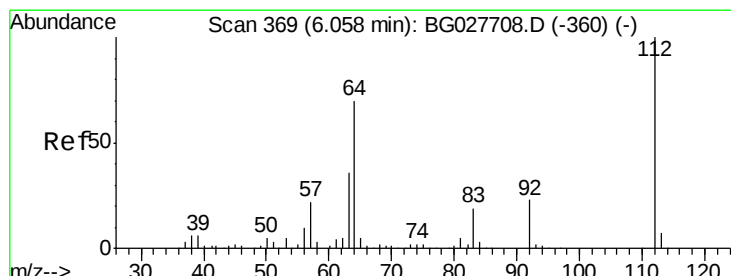
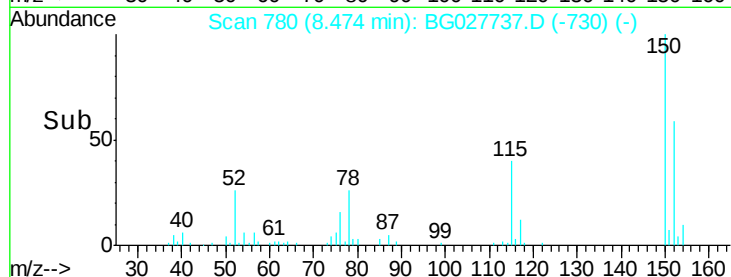
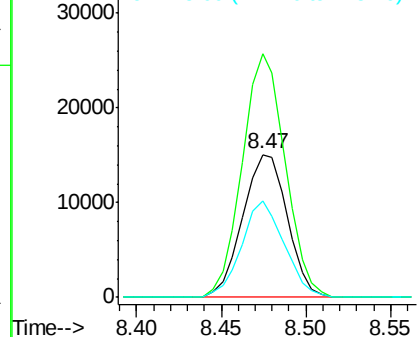
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.47 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BG027737.D
 Acq: 29 Jun 2017 11:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-C2-(0-8)

Tgt Ion:152 Resp: 27688
 Ion Ratio Lower Upper
 152 100
 150 170.1 114.0 171.0
 115 67.7 48.1 72.1

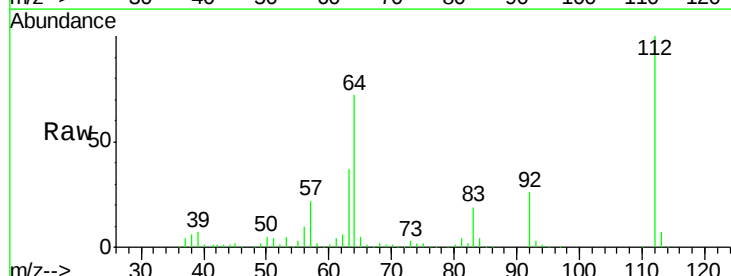


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

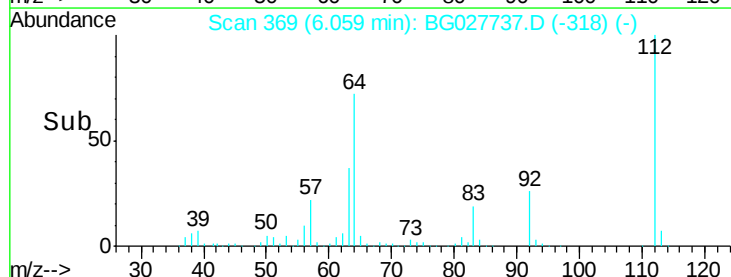
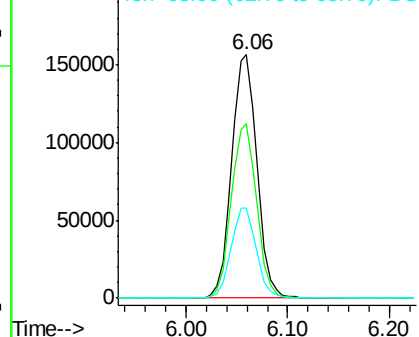


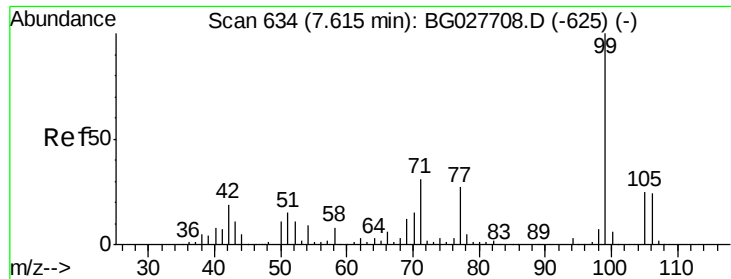
#5
 2-Fluorophenol
 Concen: 149.988 ng
 RT: 6.06 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: BG027737.D
 Acq: 29 Jun 2017 11:54

Tgt Ion:112 Resp: 269682
 Ion Ratio Lower Upper
 112 100
 64 71.9 61.8 92.6
 63 37.0 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: 123.259 ng

RT: 7.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BG027737.D

Acq: 29 Jun 2017 11:54

Instrument :

BNA_G

ClientSampleId :

TP-C2-(0-8)

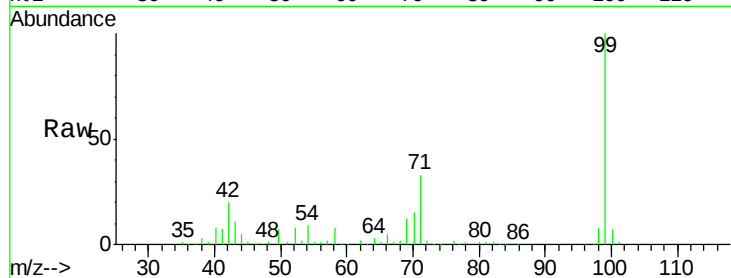
Tgt Ion: 99 Resp: 338572

Ion Ratio Lower Upper

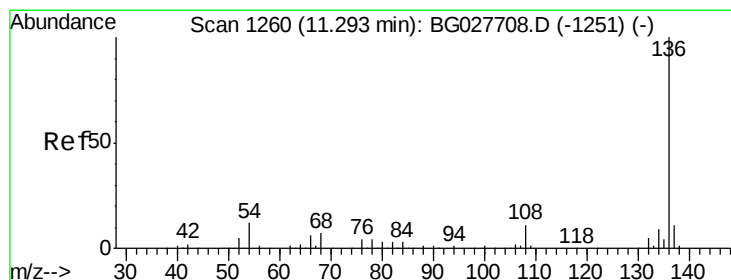
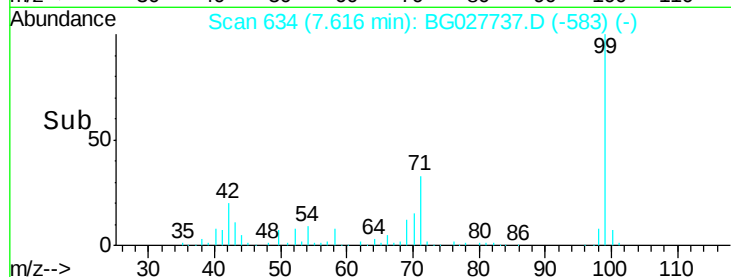
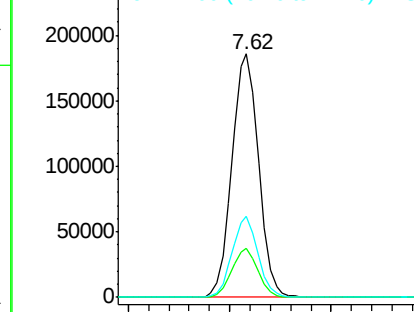
99 100

42 20.0 20.5 30.7#

71 33.3 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: 11.29 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG027737.D

Acq: 29 Jun 2017 11:54

Tgt Ion: 136 Resp: 134907

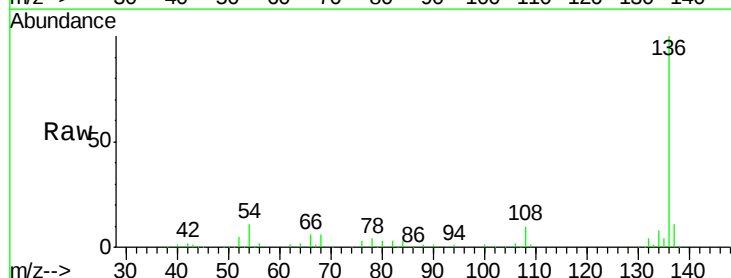
Ion Ratio Lower Upper

136 100

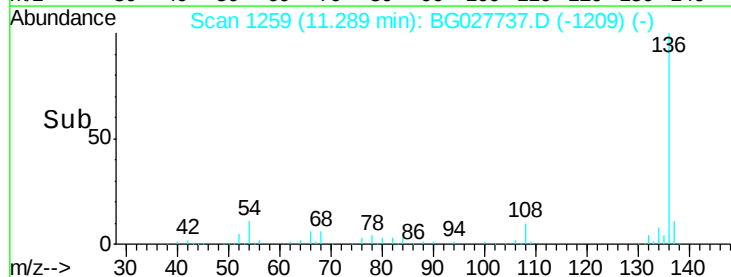
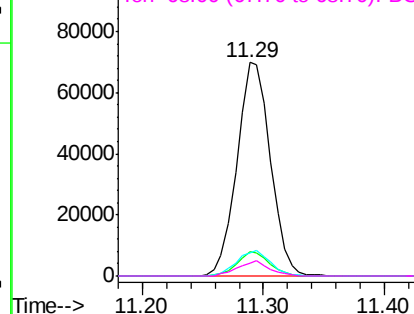
137 11.2 8.9 13.3

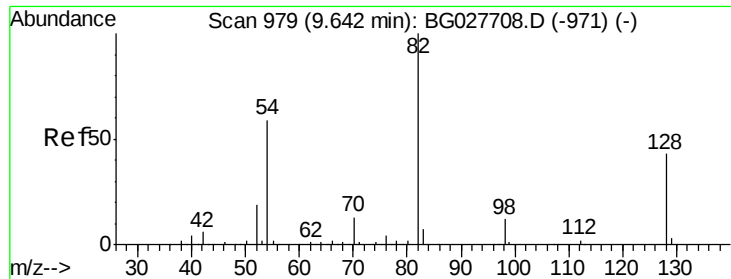
54 11.0 9.3 13.9

68 6.0 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

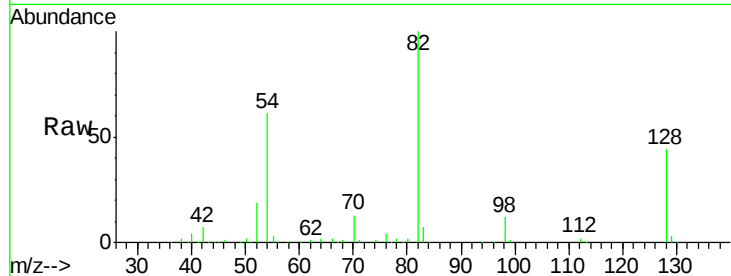




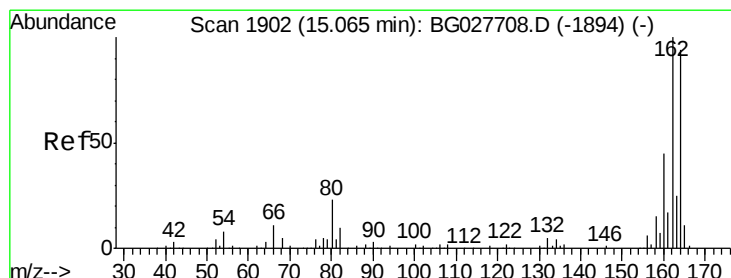
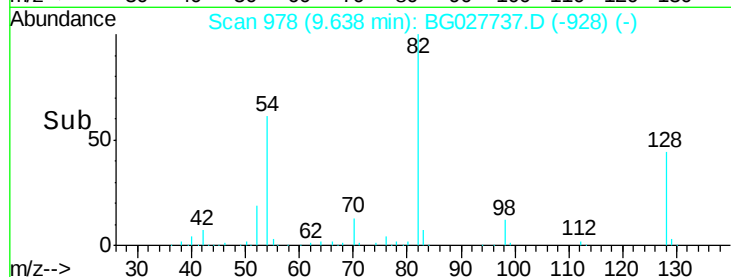
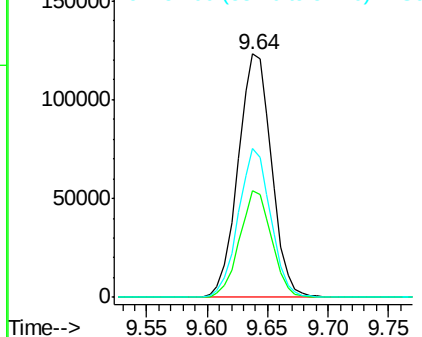
#23
 Nitrobenzene-d5
 Concen: 98.261 ng
 RT: 9.64 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BG027737.D
 Acq: 29 Jun 2017 11:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-C2-(0-8)

Tgt Ion: 82 Resp: 237818
 Ion Ratio Lower Upper
 82 100
 128 43.6 26.4 39.6#
 54 60.9 49.4 74.2

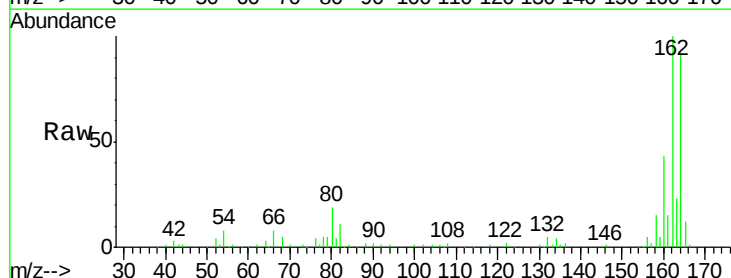


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

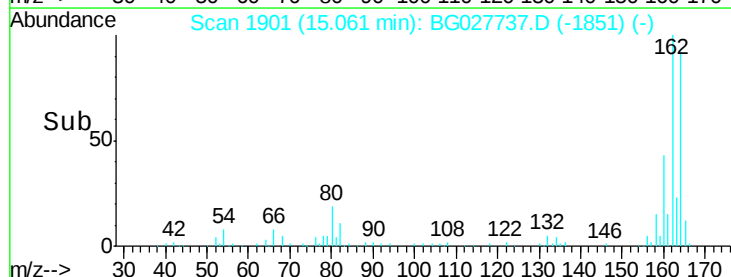
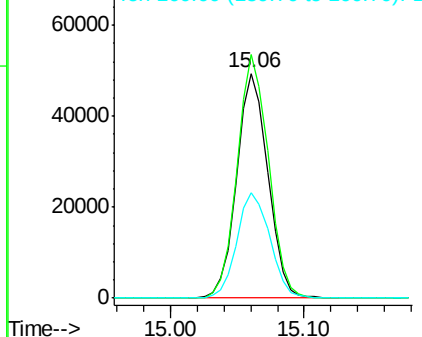


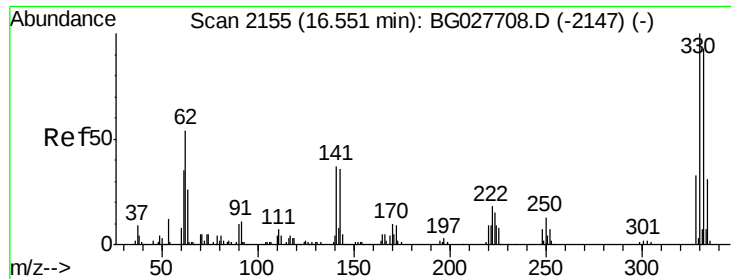
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG027737.D
 Acq: 29 Jun 2017 11:54

Tgt Ion: 164 Resp: 79910
 Ion Ratio Lower Upper
 164 100
 162 108.4 85.1 127.7
 160 47.1 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

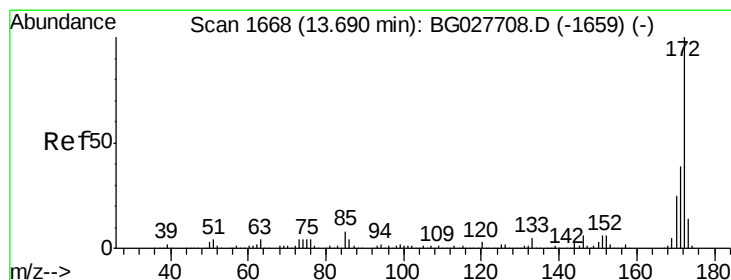
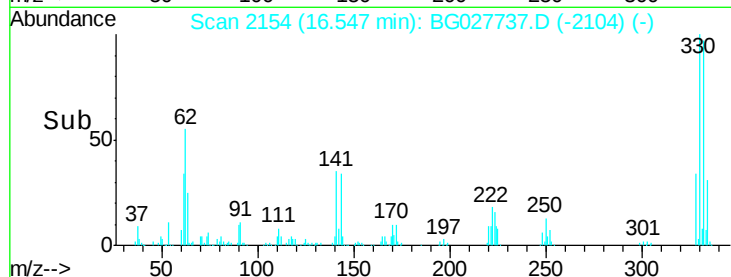
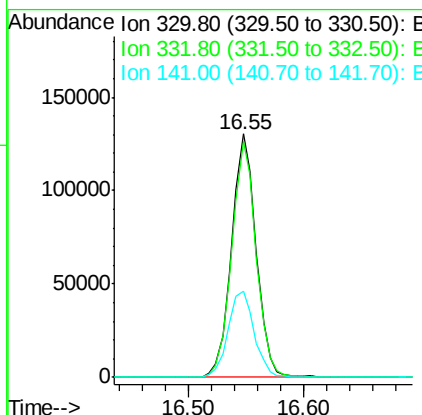
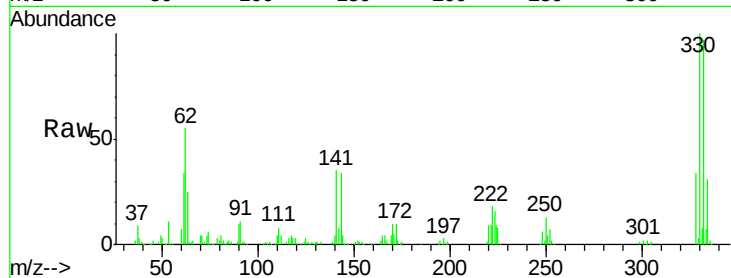




#41
 2,4,6-Tribromophenol
 Concen: 175.009 ng
 RT: 16.55 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG027737.D
 Acq: 29 Jun 2017 11:54

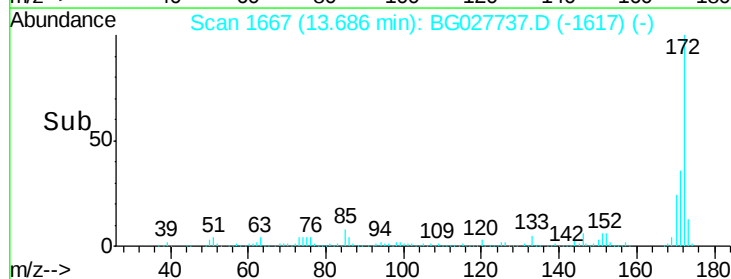
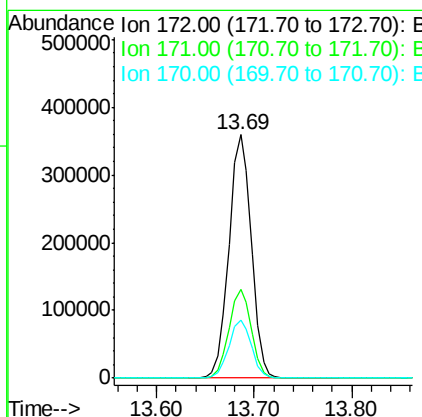
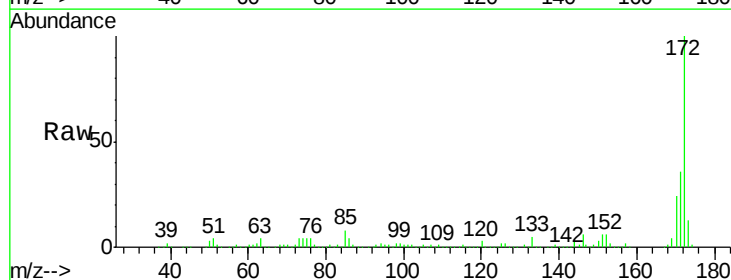
Instrument :
 BNA_G
 ClientSampleId :
 TP-C2-(0-8)

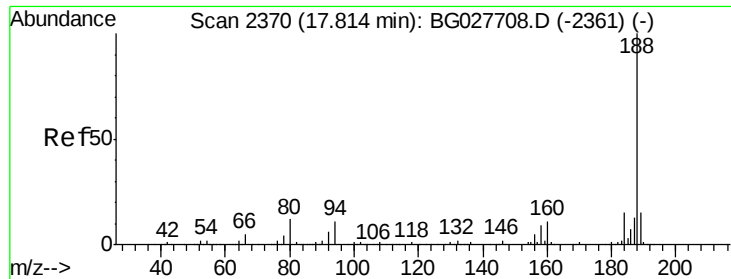
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	38.0	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 101.957 ng
 RT: 13.69 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG027737.D
 Acq: 29 Jun 2017 11:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	32.2	48.2
170	24.0	21.8	32.6

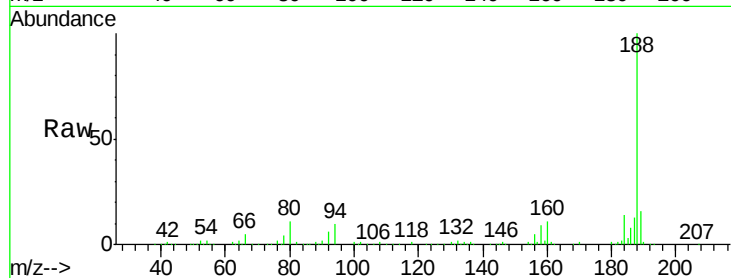




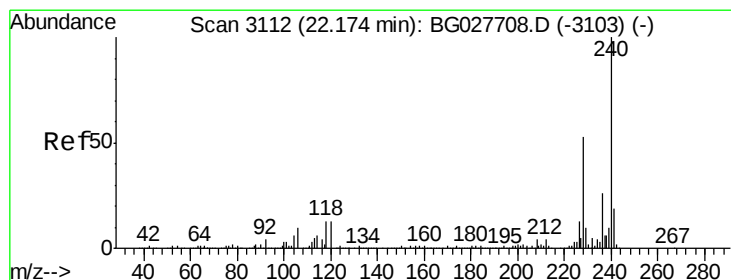
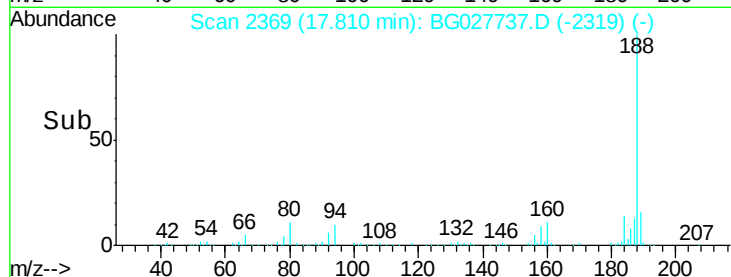
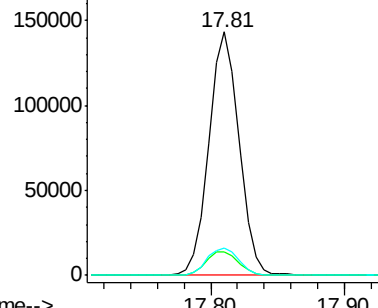
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.81 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BG027737.D
Acq: 29 Jun 2017 11:54

Instrument :
BNA_G
ClientSampleId :
TP-C2-(0-8)

Tgt Ion:188 Resp: 224319
Ion Ratio Lower Upper
188 100
94 9.7 5.8 8.8#
80 11.2 7.5 11.3

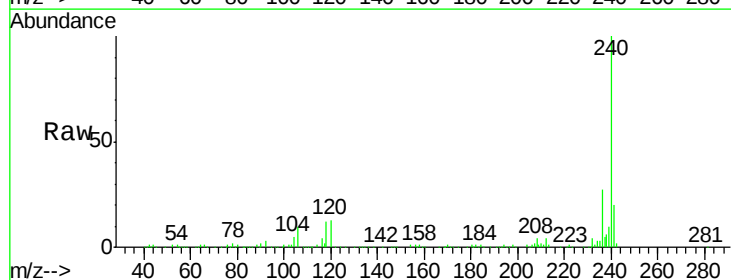


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

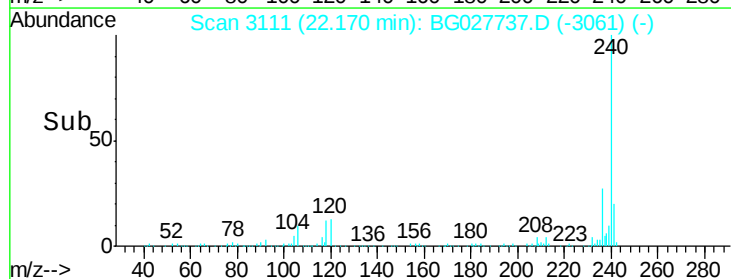
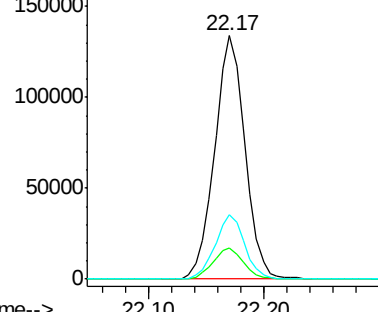


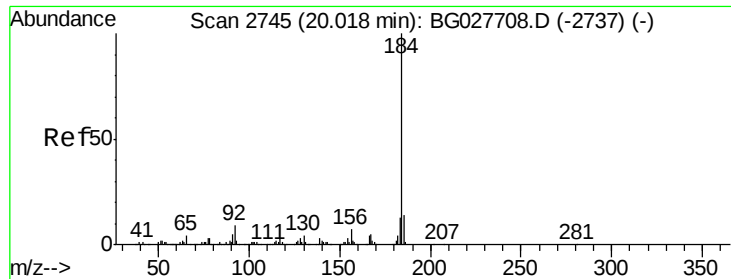
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.17 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BG027737.D
Acq: 29 Jun 2017 11:54

Tgt Ion:240 Resp: 243973
Ion Ratio Lower Upper
240 100
120 12.8 5.7 8.5#
236 26.6 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





#76

Benzidine

Concen: 3.390 ng

RT: 20.03 min Scan# 2747

Delta R.T. 0.01 min

Lab File: BG027737.D

Acq: 29 Jun 2017 11:54

Instrument :

BNA_G

ClientSampleId :

TP-C2-(0-8)

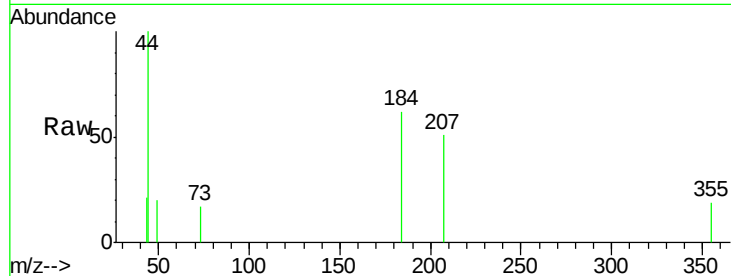
Tgt Ion:184 Resp: 1073

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

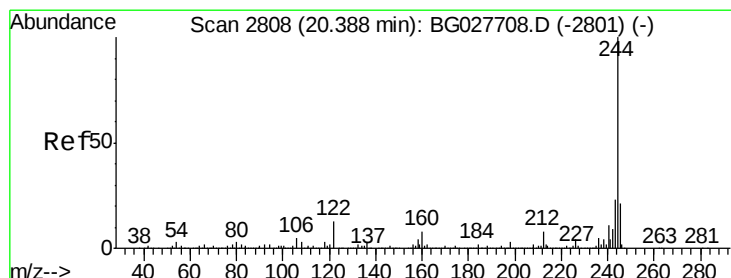
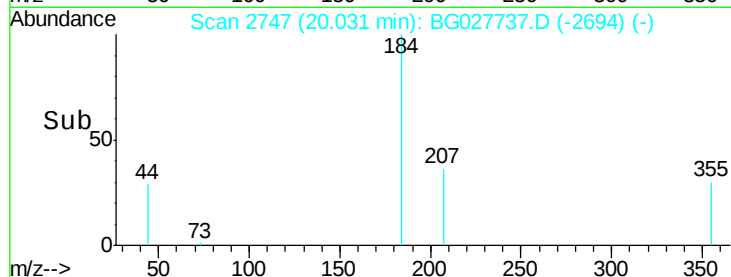
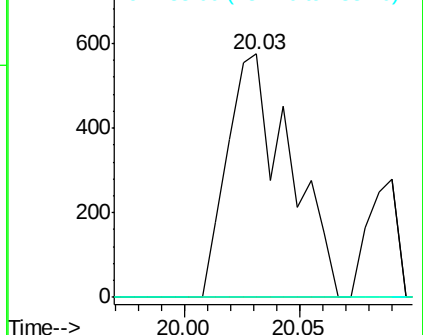
183 0.0 11.0 16.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 111.106 ng

RT: 20.39 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG027737.D

Acq: 29 Jun 2017 11:54

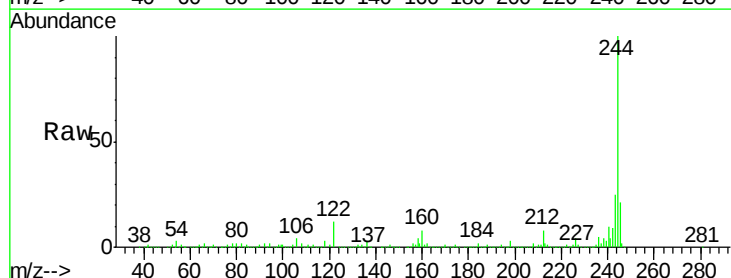
Tgt Ion:244 Resp: 1156255

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

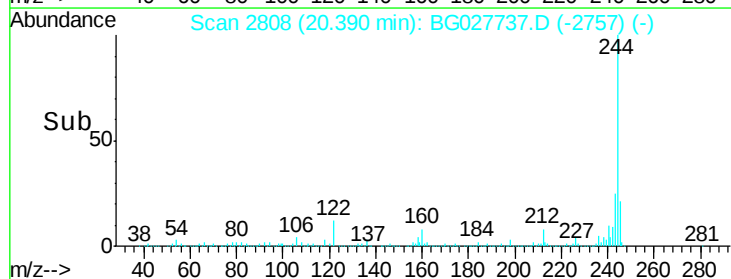
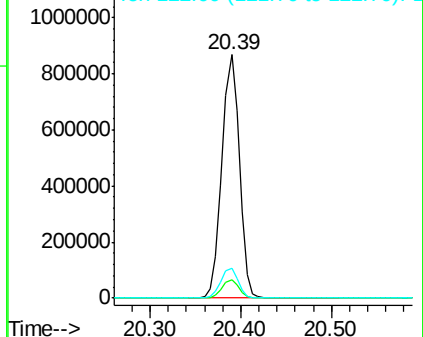
122 12.3 8.6 12.8

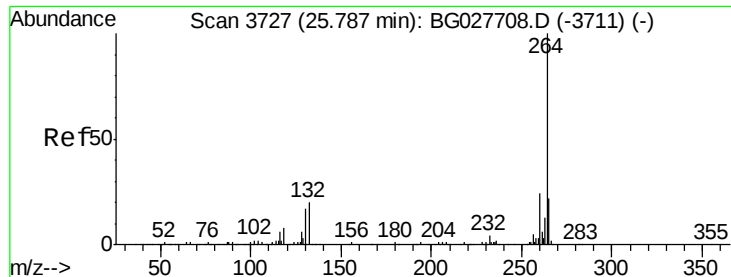


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.78 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG027737.D
Acq: 29 Jun 2017 11:54

Instrument :
BNA_G
ClientSampleId :
TP-C2-(0-8)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.2	18.2	27.4

