

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070717\
 Data File : BG027880.D
 Acq On : 7 Jul 2017 22:37
 Operator : SJ/JU
 Sample : I4070-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 02:13:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

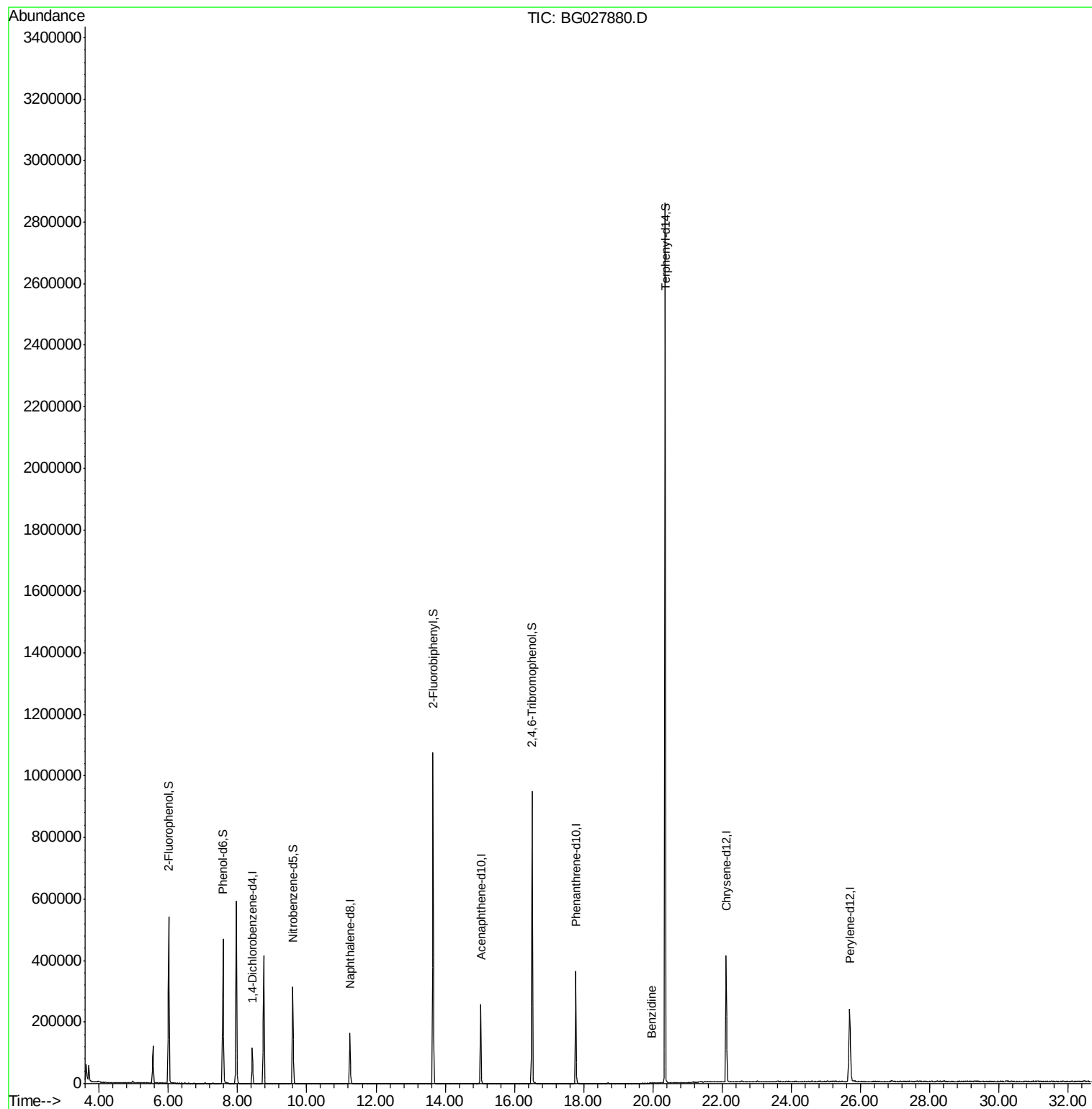
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	38611	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	166505	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	92042	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	237687	20.00	ng	0.00
75) Chrysene-d12	22.12	240	275788	20.00	ng	0.00
86) Perylene-d12	25.69	264	266118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	306418	122.21	ng	0.00
7) Phenol-d6	7.58	99	381435	99.58	ng	0.00
23) Nitrobenzene-d5	9.59	82	230062	77.02	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	229335	181.66	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	612780	95.08	ng	0.00
78) Terphenyl-d14	20.36	244	1269000	107.87	ng	0.00
Target Compounds						
76) Benzidine	19.97	184	264	3.25	ng	Qvalue # 64

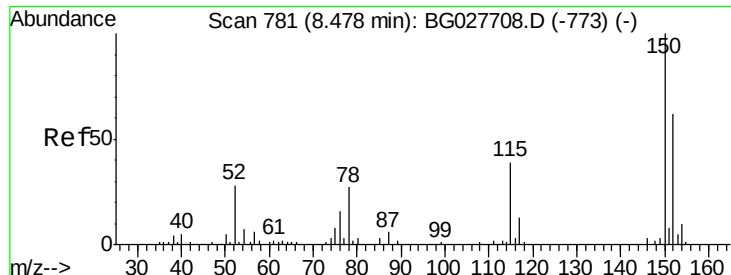
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070717\
Data File : BG027880.D
Acq On : 7 Jul 2017 22:37
Operator : SJ/JU
Sample : I4070-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 08 02:13:37 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 17:43:21 2017
Response via : Initial Calibration



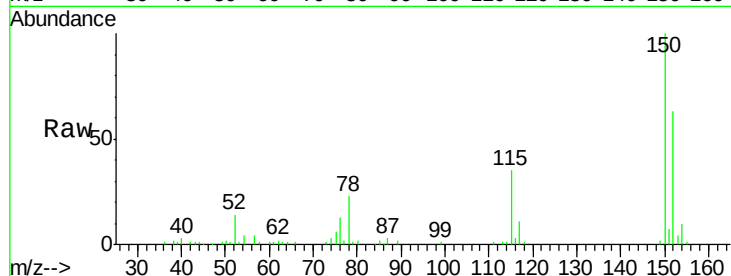


#1

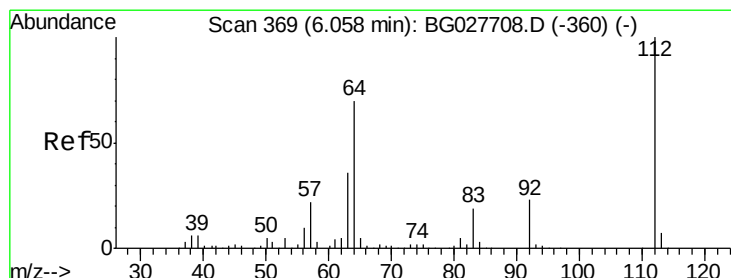
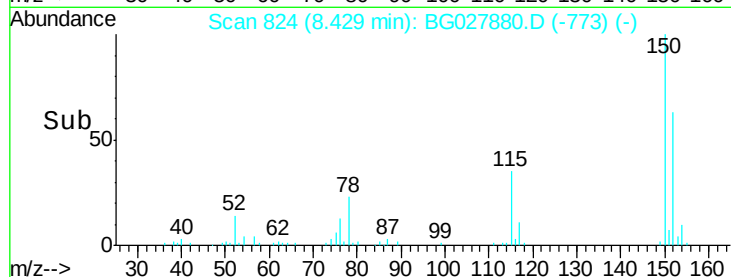
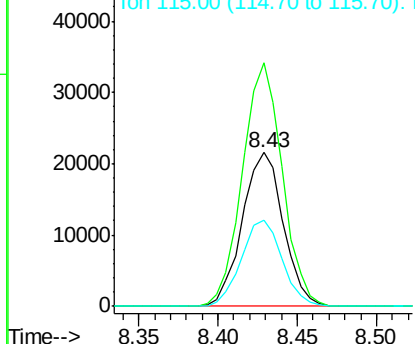
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.43 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027880.D
Acq: 7 Jul 2017 22:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38611
Ion Ratio Lower Upper
152 100
150 158.4 114.0 171.0
115 56.2 48.1 72.1



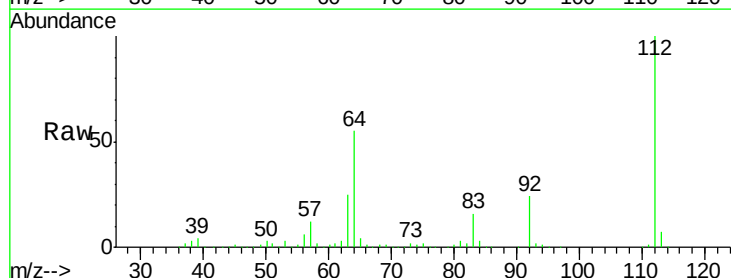
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



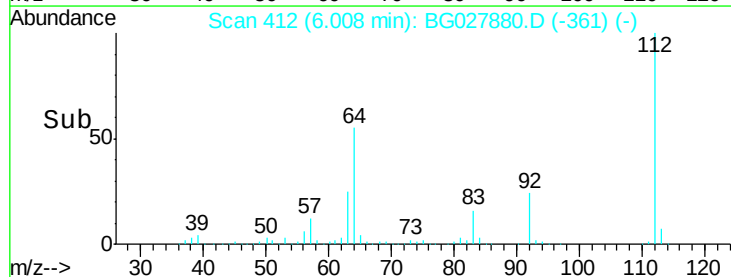
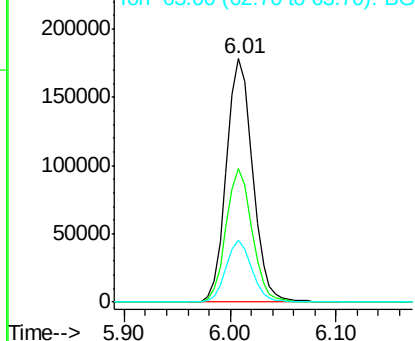
#5

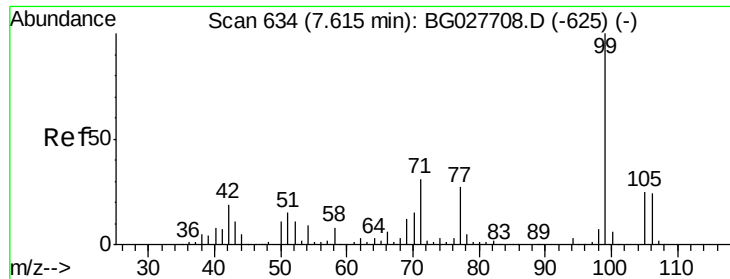
2-Fluorophenol
Concen: 122.21 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027880.D
Acq: 7 Jul 2017 22:37

Tgt Ion:112 Resp: 306418
Ion Ratio Lower Upper
112 100
64 55.1 61.8 92.6#
63 25.2 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: 99.58 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG027880.D

Acq: 7 Jul 2017 22:37

Instrument :

BNA_G

ClientSampleId :

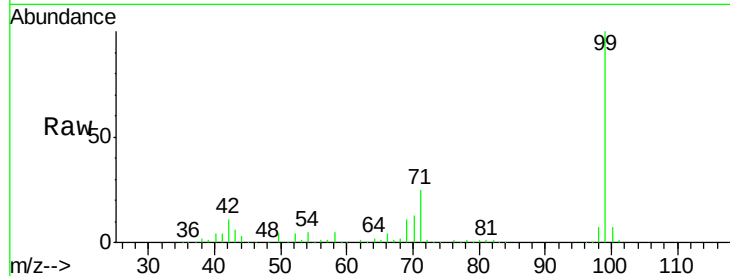
Tot Ion: 99 Resp: 381435

Ion Ratio Lower Upper

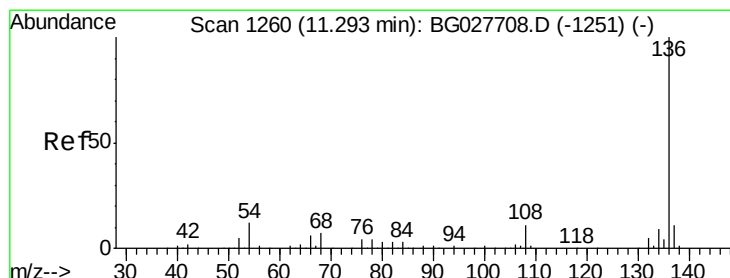
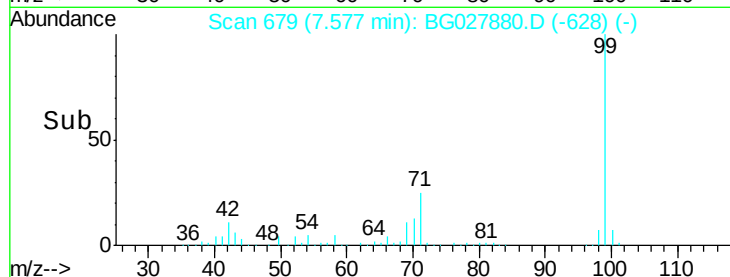
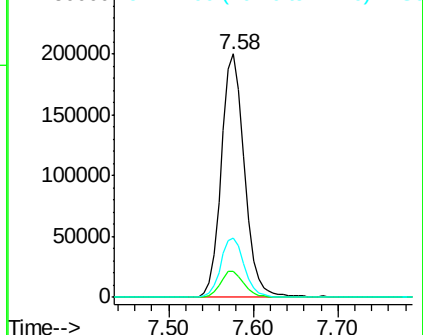
99 100

42 10.6 20.5 30.7#

71 24.6 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: 11.25 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG027880.D

Acq: 7 Jul 2017 22:37

Tgt Ion: 136 Resp: 166505

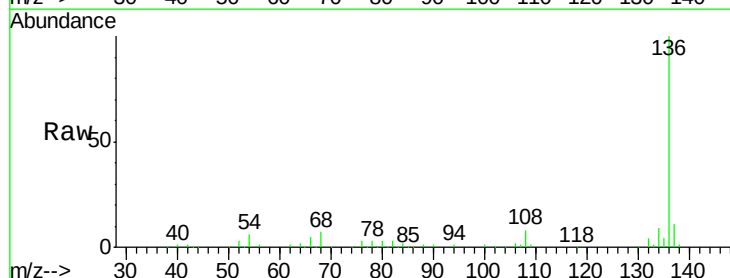
Ion Ratio Lower Upper

136 100

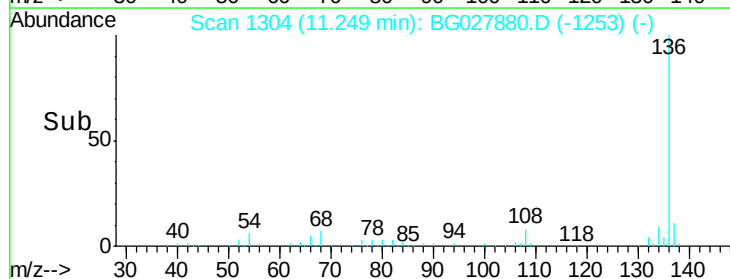
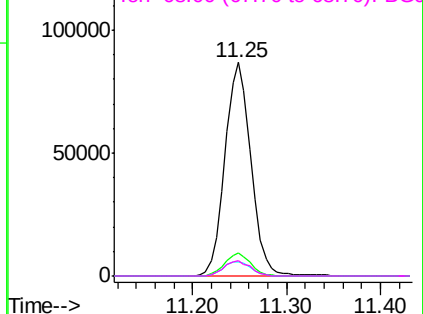
137 10.9 8.9 13.3

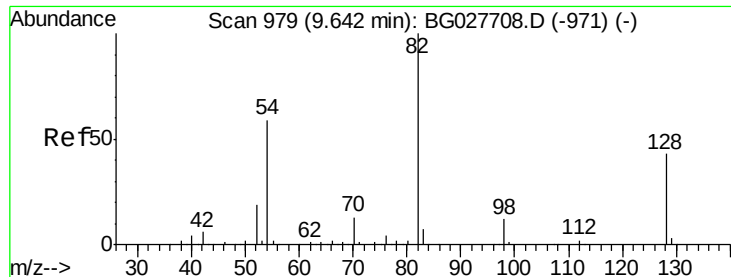
54 6.5 9.3 13.9#

68 7.0 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

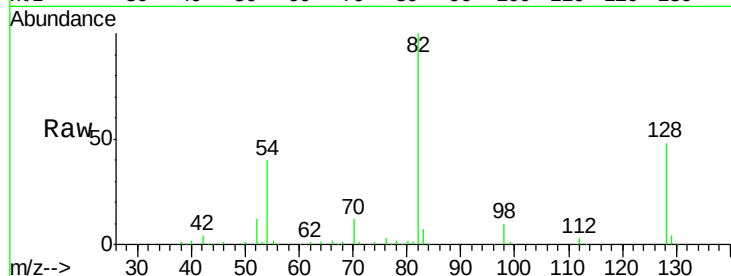




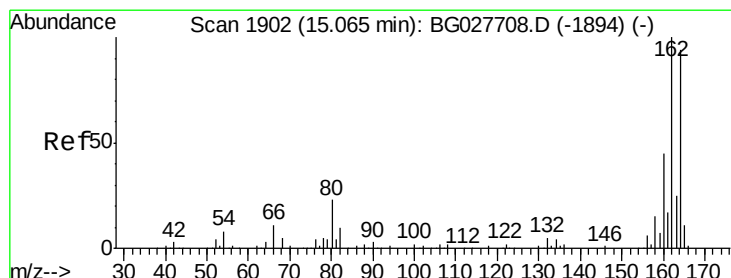
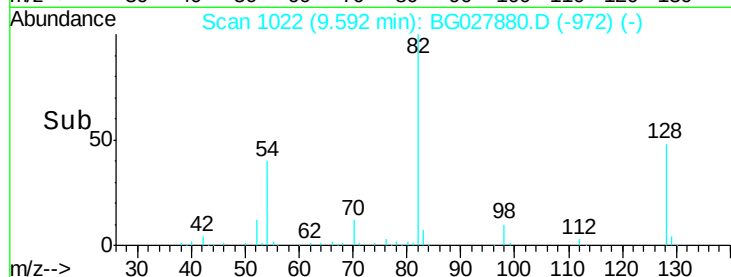
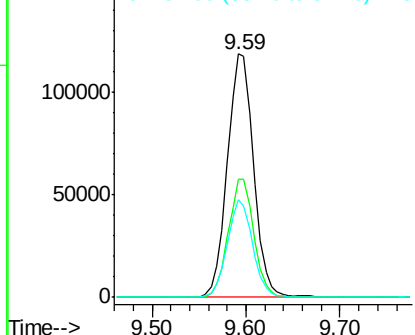
#23
 Nitrobenzene-d5
 Concen: 77.02 ng
 RT: 9.59 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG027880.D
 Acq: 7 Jul 2017 22:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 230062
 Ion Ratio Lower Upper
 82 100
 128 48.3 26.4 39.6#
 54 40.2 49.4 74.2#

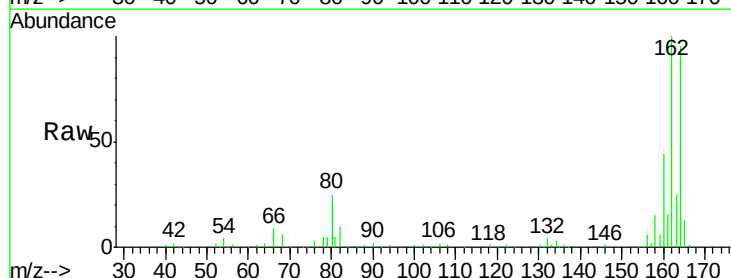


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

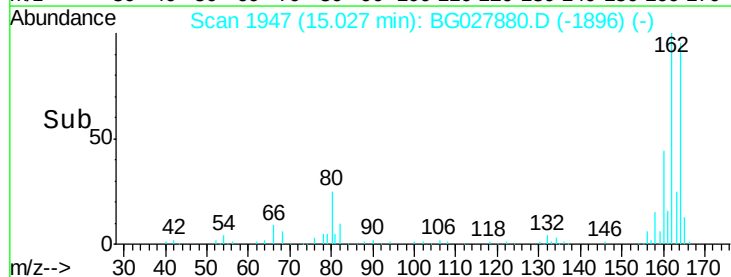
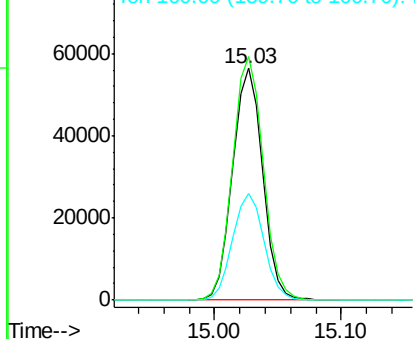


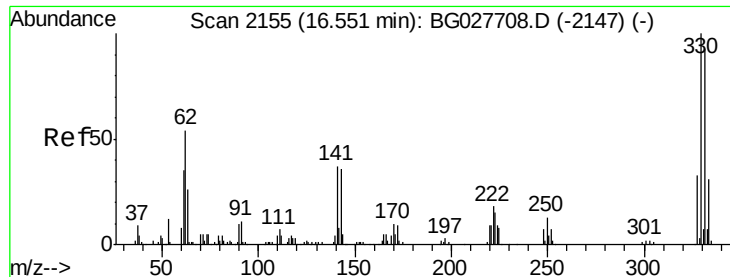
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BG027880.D
 Acq: 7 Jul 2017 22:37

Tgt Ion:164 Resp: 92042
 Ion Ratio Lower Upper
 164 100
 162 105.1 85.1 127.7
 160 46.3 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

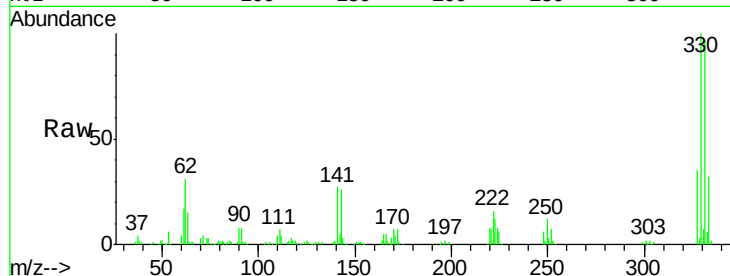




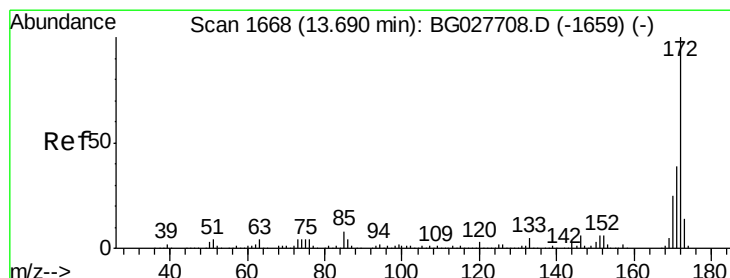
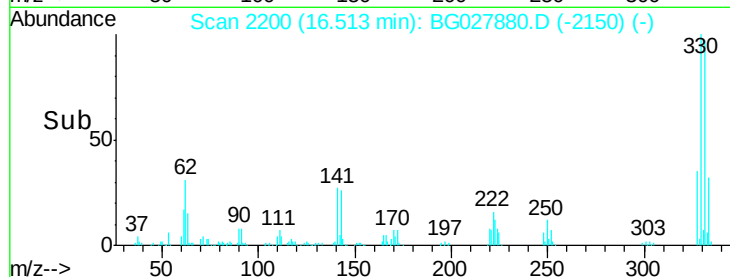
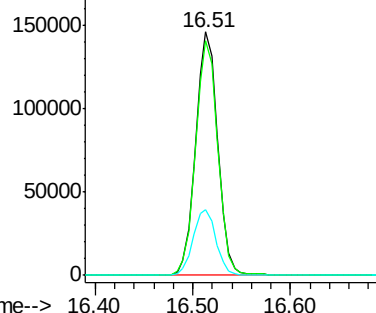
#41
2,4,6-Tribromophenol
Concen: 181.66 ng
RT: 16.51 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG027880.D
Acq: 7 Jul 2017 22:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	28.1	32.1	48.1#

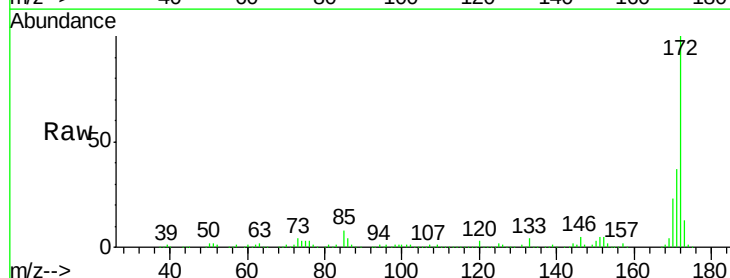


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

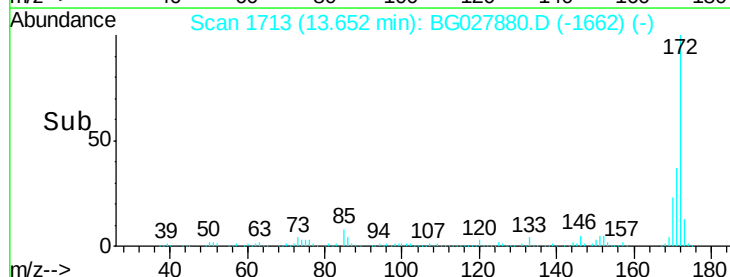
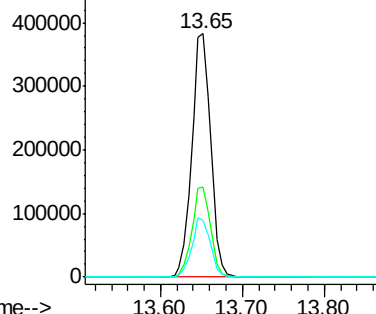


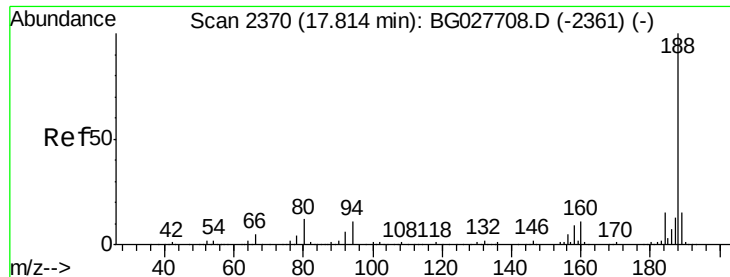
#44
2-Fluorobiphenyl
Concen: 95.08 ng
RT: 13.65 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG027880.D
Acq: 7 Jul 2017 22:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	23.5	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

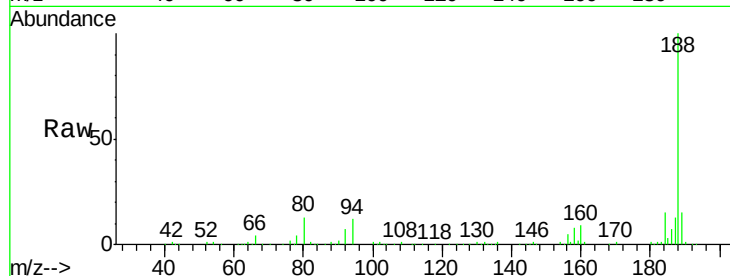




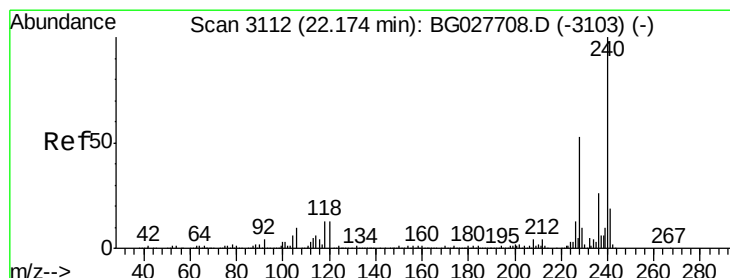
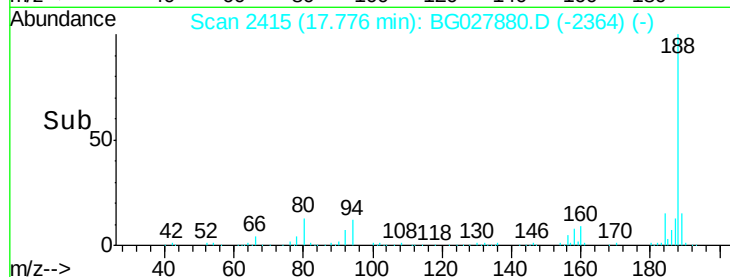
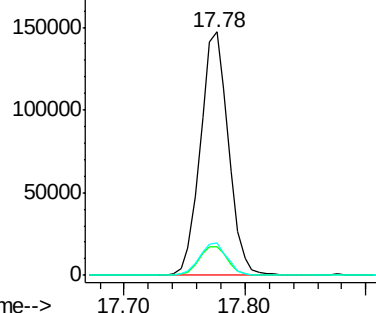
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.78 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG027880.D
Acq: 7 Jul 2017 22:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 237687
Ion Ratio Lower Upper
188 100
94 11.9 5.8 8.8#
80 13.2 7.5 11.3#

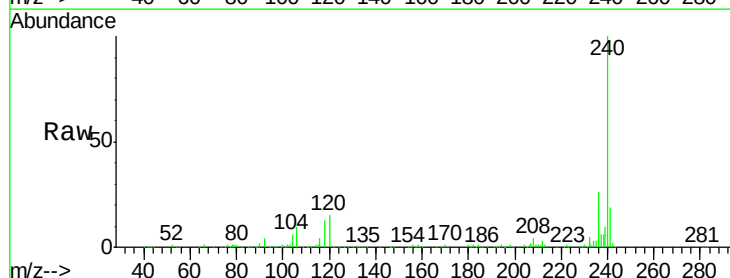


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

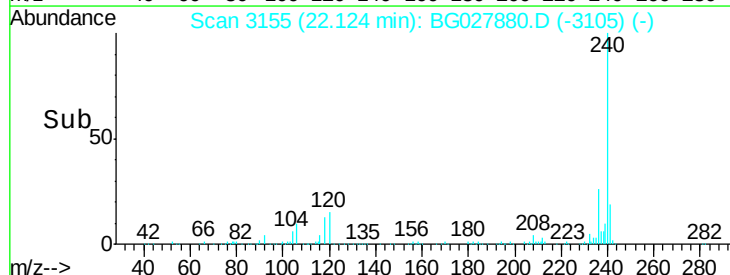
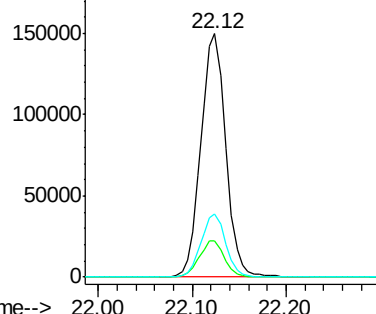


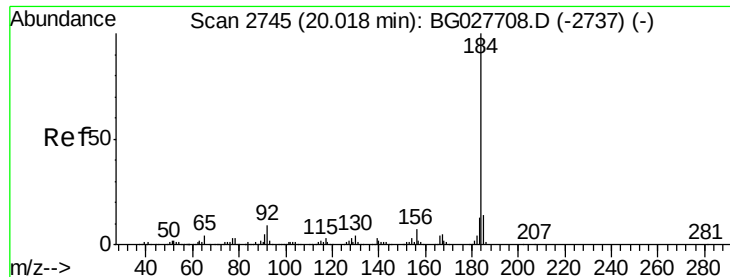
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.12 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG027880.D
Acq: 7 Jul 2017 22:37

Tgt Ion:240 Resp: 275788
Ion Ratio Lower Upper
240 100
120 14.8 5.7 8.5#
236 26.2 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: 3.25 ng

RT: 19.97 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG027880.D

Acq: 7 Jul 2017 22:37

Instrument :

BNA_G

ClientSampled :

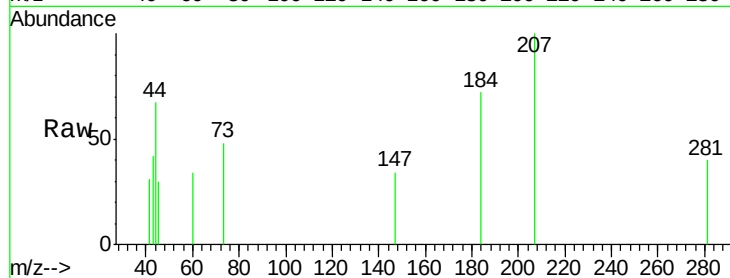
Tot Ion:184 Resp: 264

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

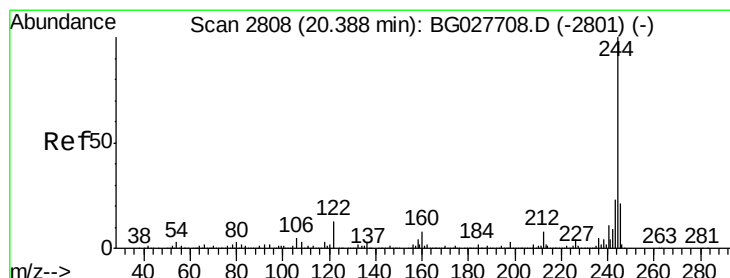
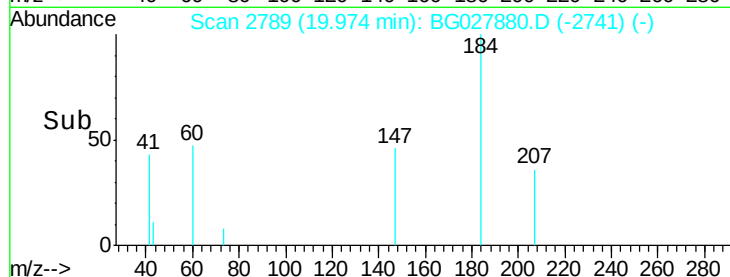
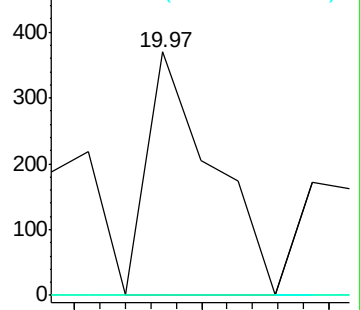
183 0.0 11.0 16.6#



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: 107.87 ng

RT: 20.36 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG027880.D

Acq: 7 Jul 2017 22:37

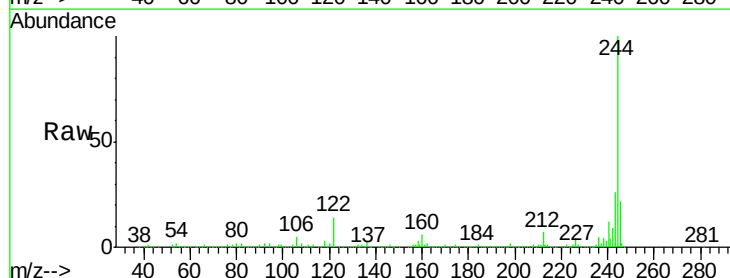
Tgt Ion:244 Resp: 1269000

Ion Ratio Lower Upper

244 100

212 6.8 10.0 15.0#

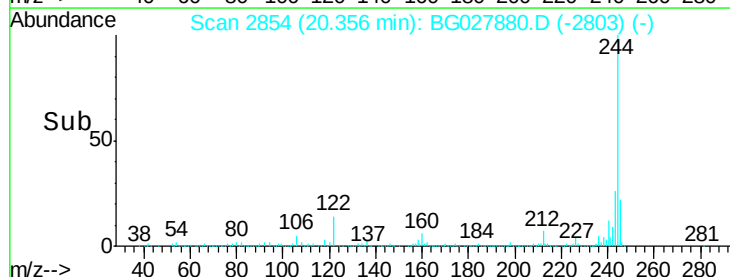
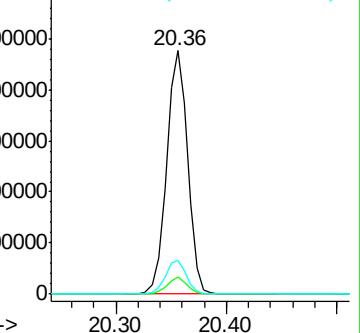
122 14.0 8.6 12.8#

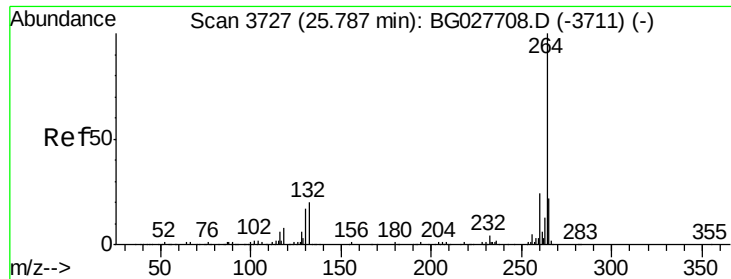


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

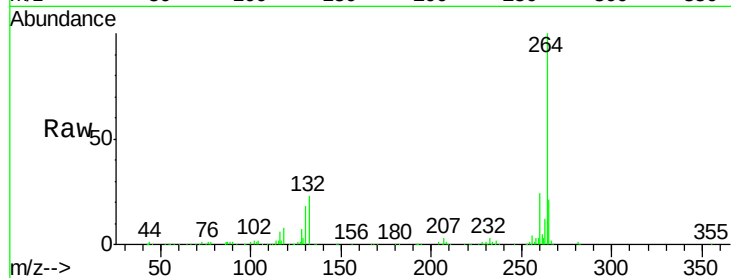




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.69 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG027880.D
Acq: 7 Jul 2017 22:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.2	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

