

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 :
 AU-05-070517-C

Quant Time: Jul 08 03:47:30 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

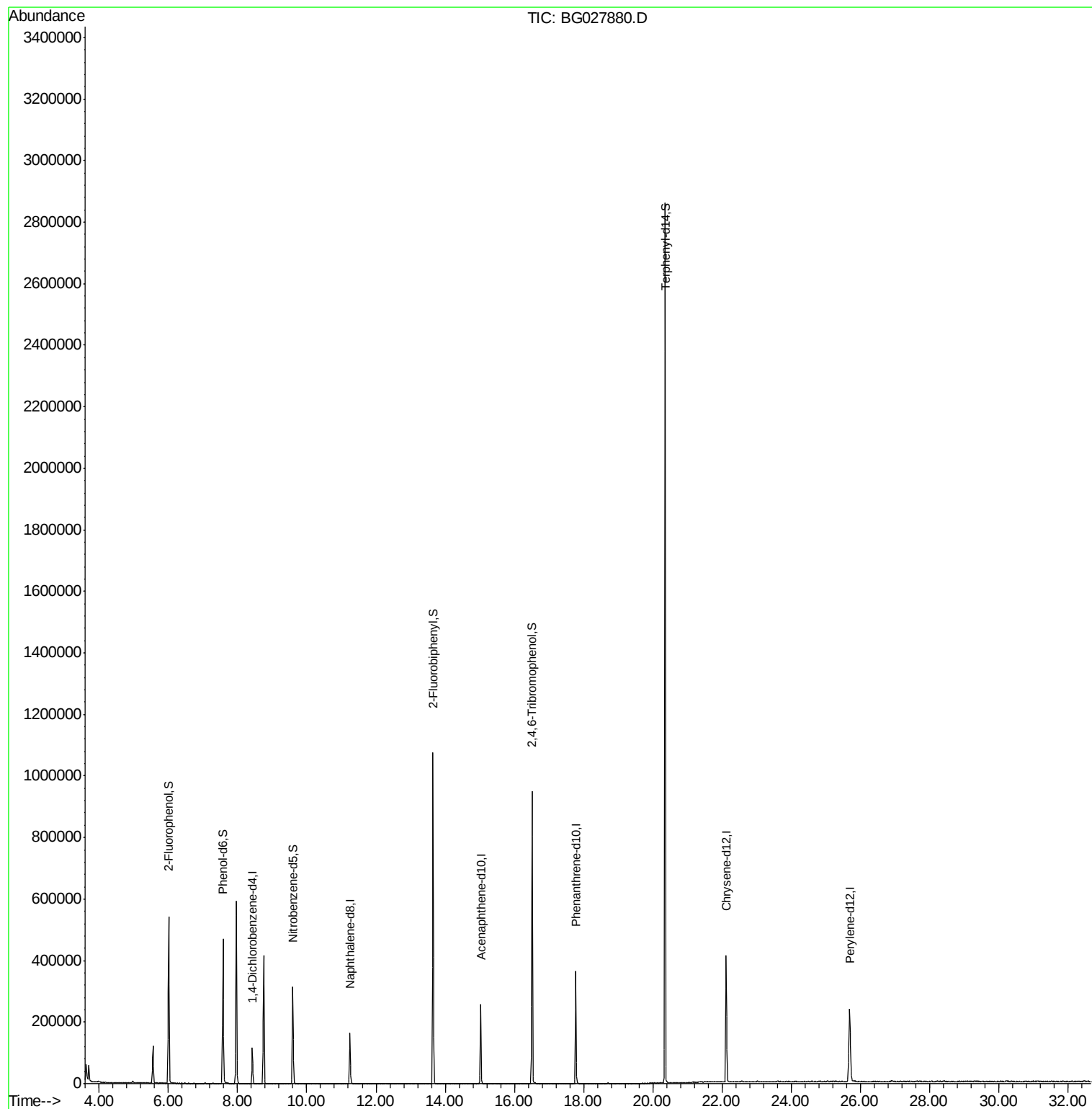
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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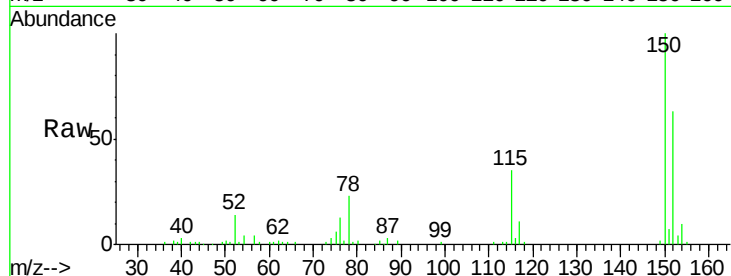


#1

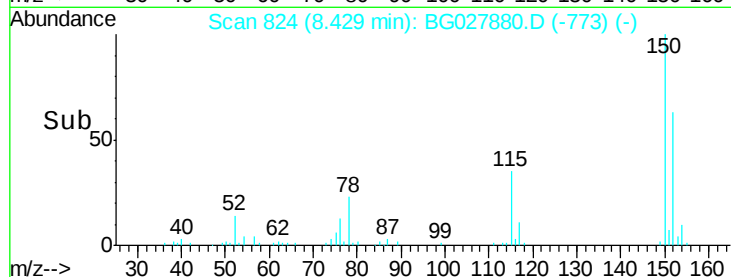
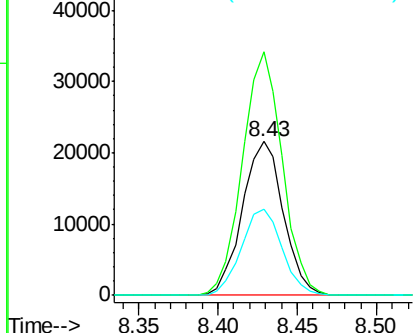
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.43 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027880.D
Acq: 7 Jul 2017 22:37

Instrument :
BNA_G
ClientSampleId :
AU-05-070517-C

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



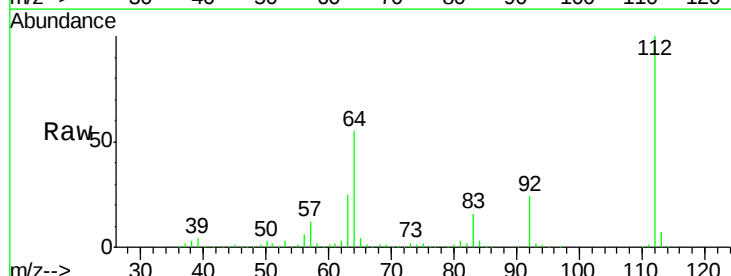
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



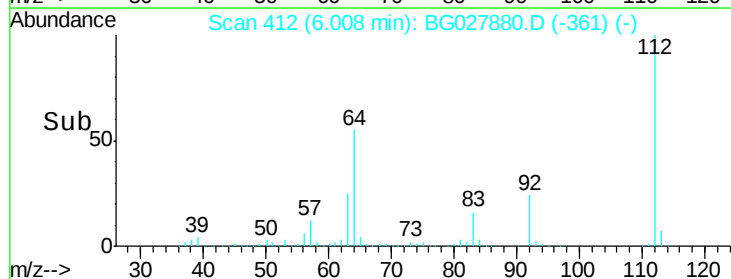
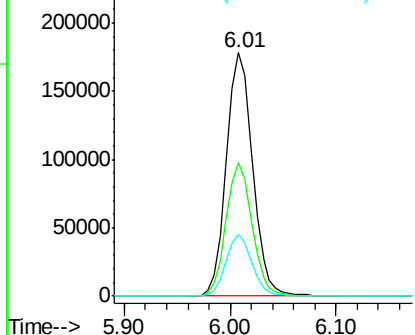
#5

2-Fluorophenol
Concen: 122.208 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: 99.579 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

ClientSampled :

AU-05-070517-C

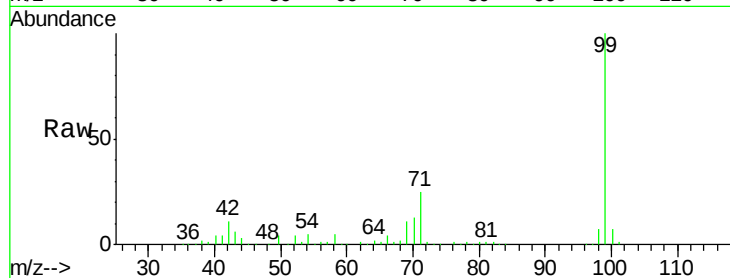
Tgt Ion: 99 Resp: 381435

Ion Ratio Lower Upper

99 100

42 10.6 20.5 30.7#

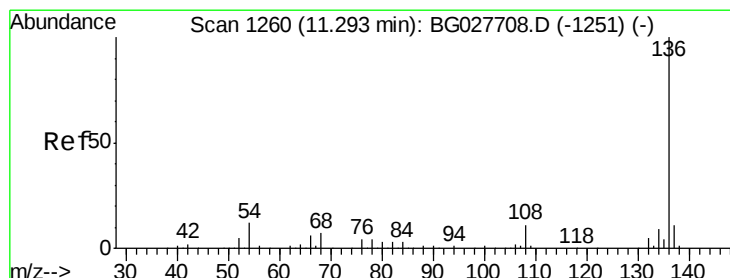
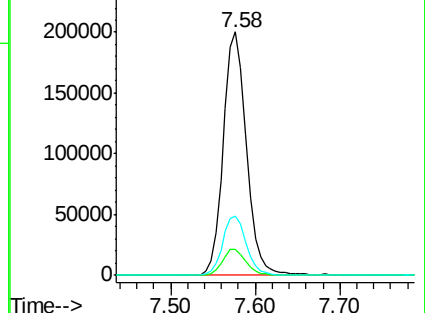
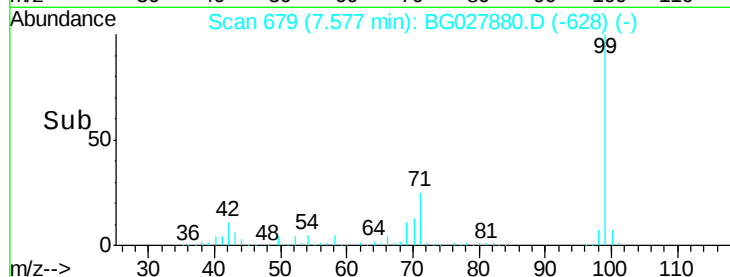
71 24.6 37.6 56.4#



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: 20.000 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

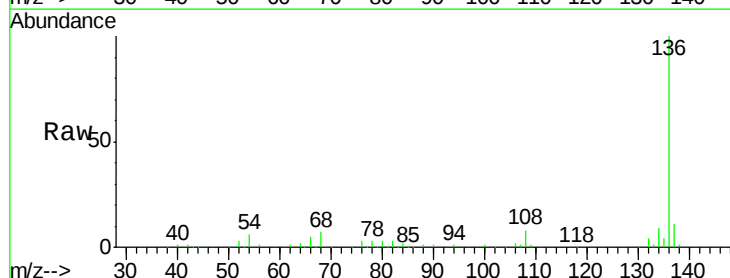
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 9.3 13.9#

68 7.0 5.1 7.7

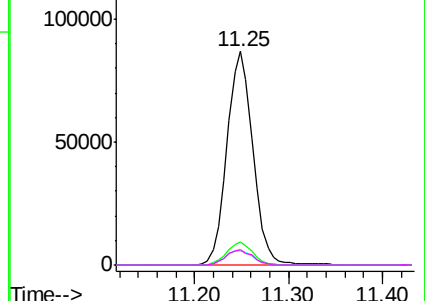
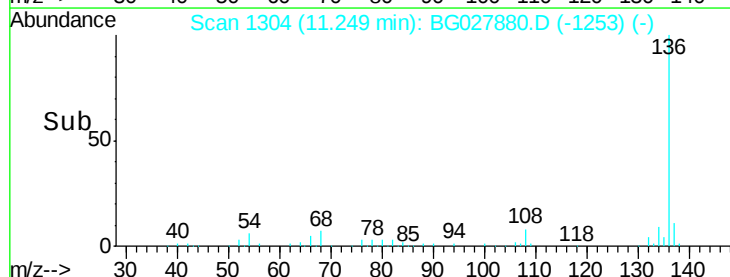


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

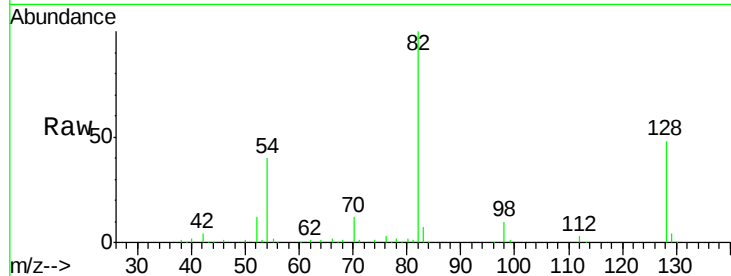




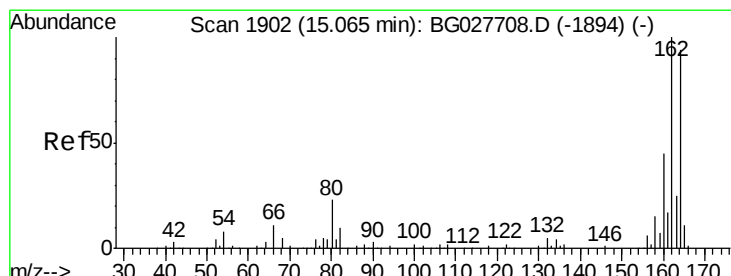
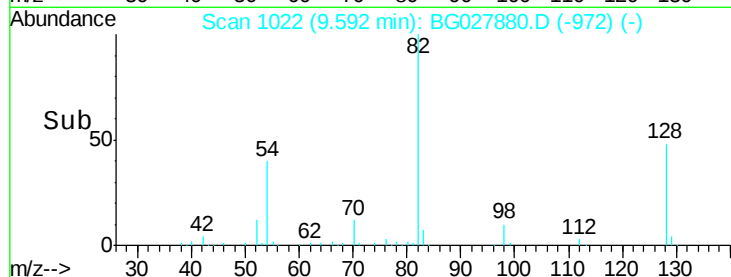
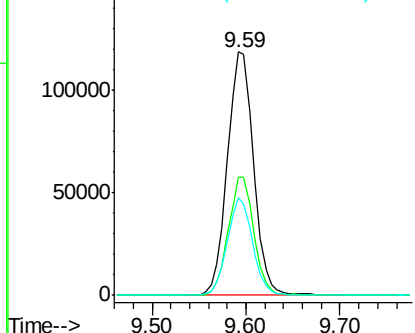
#23
 Nitrobenzene-d5
 Concen: 77.018 ng
 RT: 9.59 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG027880.D
 Acq: 7 Jul 2017 22:37

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-070517-C

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

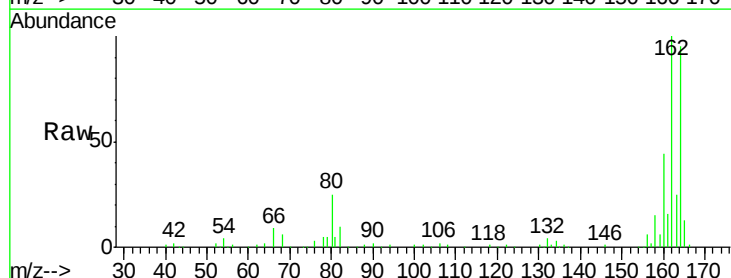


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

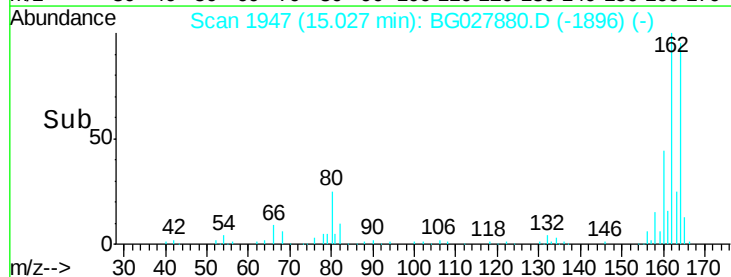
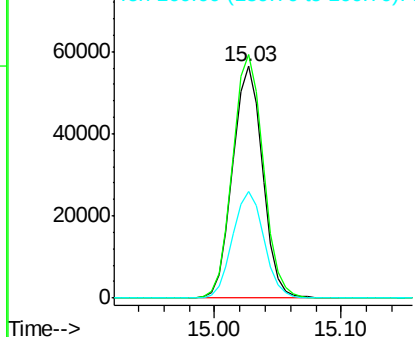


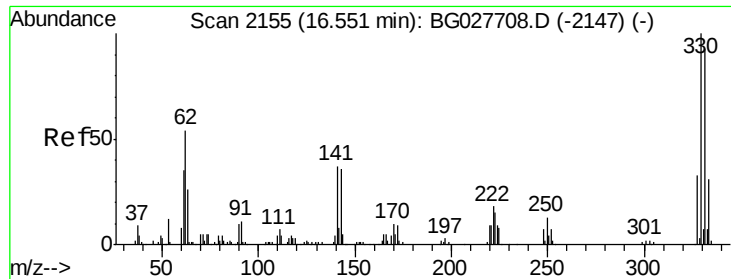
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.03 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BG027880.D
 Acq: 7 Jul 2017 22:37

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

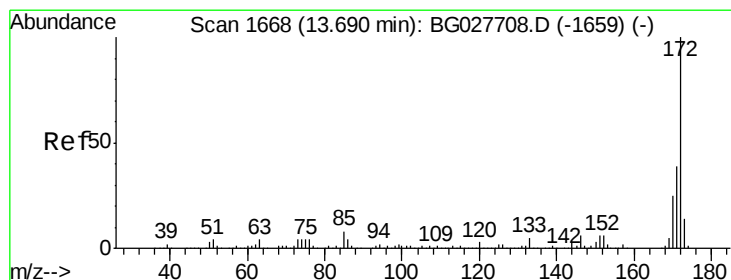
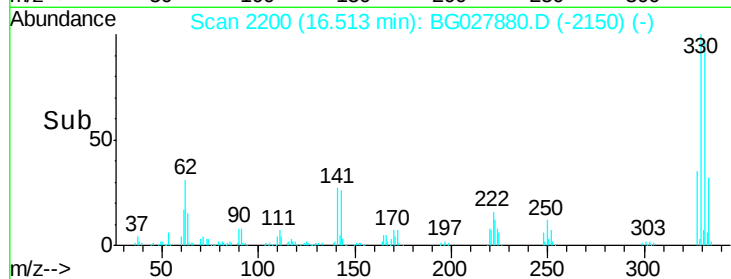
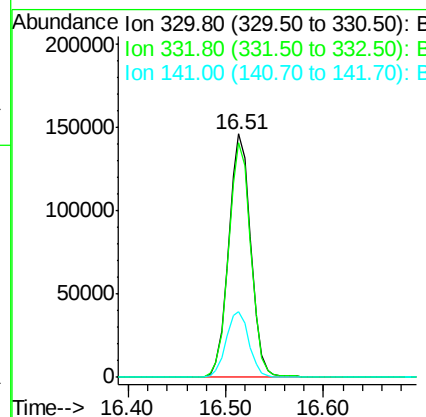
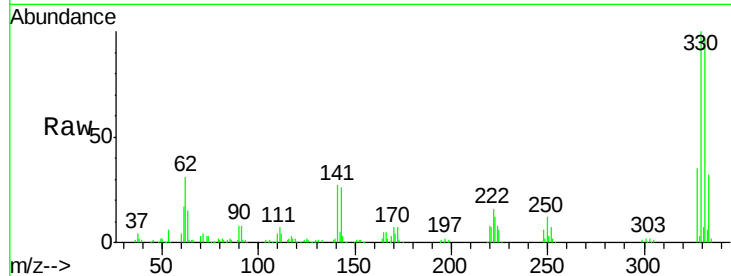




#41
 2,4,6-Tribromophenol
 Concen: 181.658 ng
 RT: 16.51 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG027880.D
 Acq: 7 Jul 2017 22:37

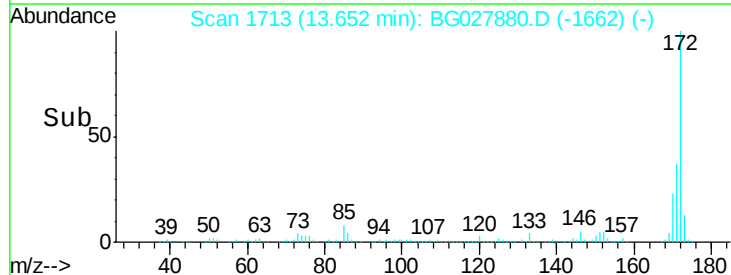
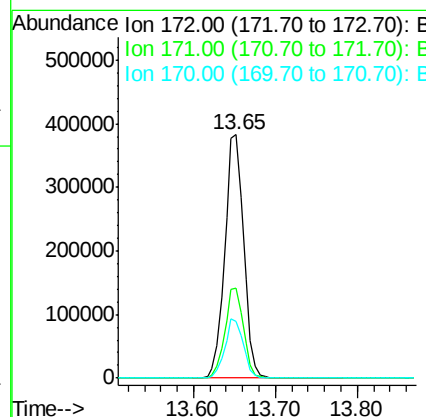
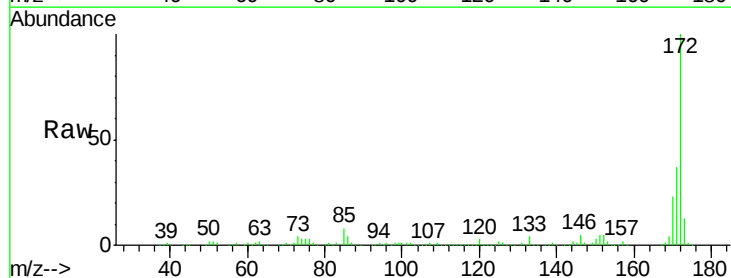
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-070517-C

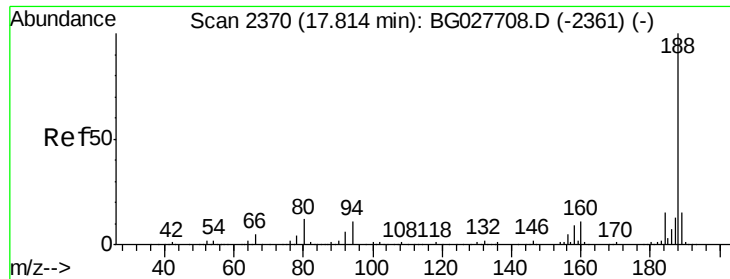
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	28.1	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 95.082 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





#63

Phenanthrene-d10

Concen: 20.000 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 :

AU-05-070517-C

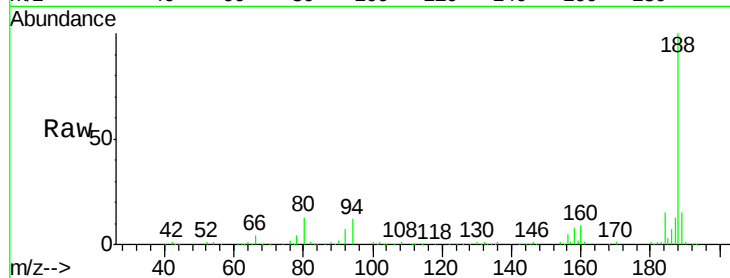
Tgt Ion:188 Resp: 237687

Ion Ratio Lower Upper

188 100

94 11.9 5.8 8.8#

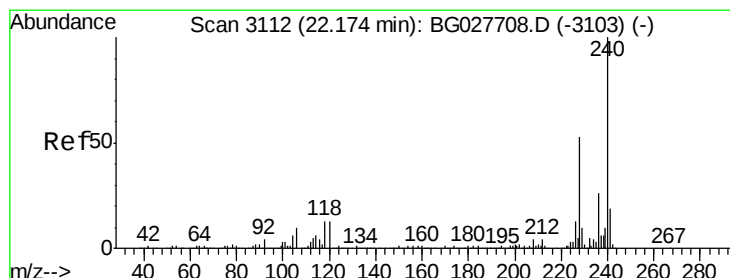
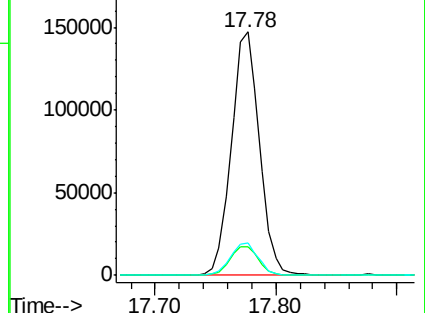
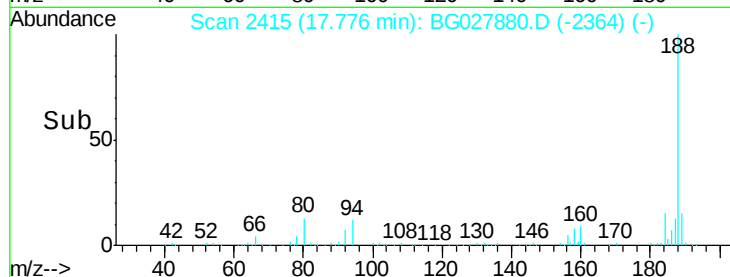
80 13.2 7.5 11.3#



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: 20.000 ng

RT: 22.12 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG027880.D

Acq: 7 Jul 2017 22:37

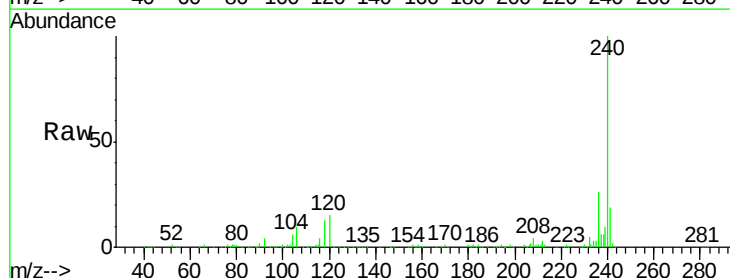
Tgt Ion:240 Resp: 275788

Ion Ratio Lower Upper

240 100

120 14.8 5.7 8.5#

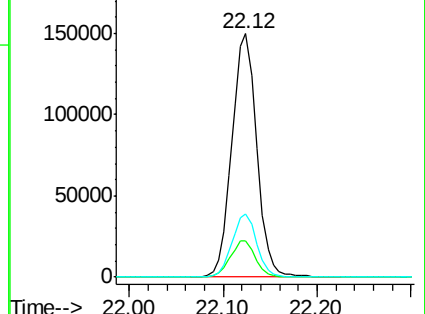
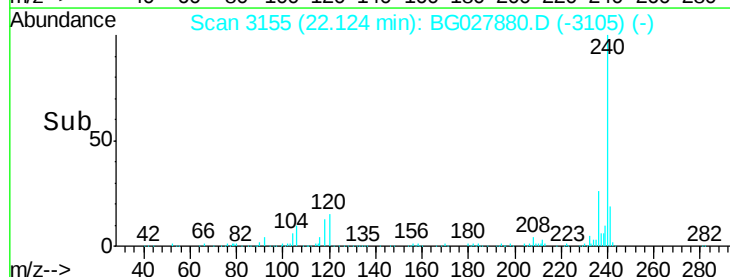
236 26.2 22.2 33.4



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





#78

Terphenyl-d14

Concen: 107.873 ng

RT: 20.36 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG027880.D

Acq: 7 Jul 2017 22:37

Instrument :

BNA_G

ClientSampleId :

AU-05-070517-C

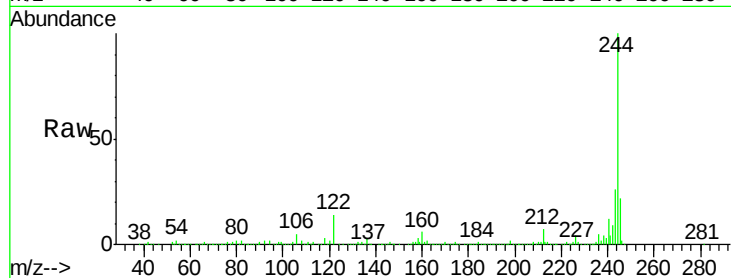
Tgt Ion:244 Resp: 1269000

Ion Ratio Lower Upper

244 100

212 6.8 10.0 15.0#

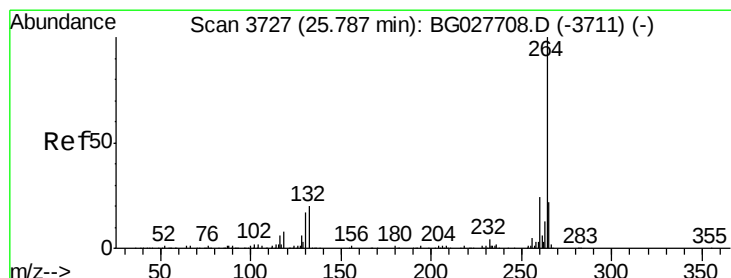
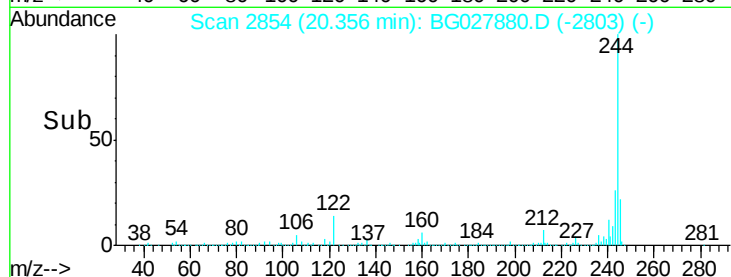
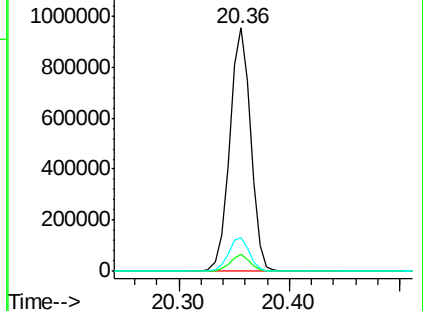
122 14.0 8.6 12.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.69 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG027880.D

Acq: 7 Jul 2017 22:37

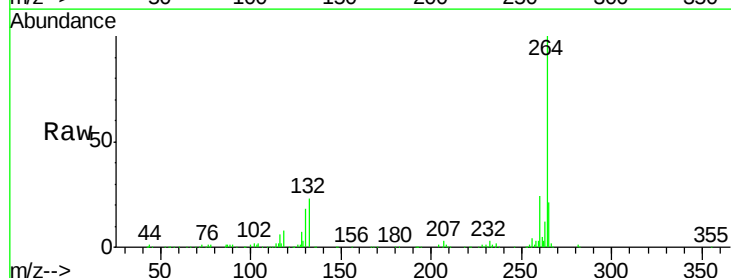
Tgt Ion:264 Resp: 266118

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

