

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070217\
 Data File : BG027823.D
 Acq On : 2 Jul 2017 17:52
 Operator : SJ/JU
 Sample : I3986-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 08:07:52 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	8.48	152	26954	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	130277	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	83455	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	224838	20.00	ng	0.00
75) Chrysene-d12	22.17	240	229847	20.00	ng	0.00
86) Perylene-d12	25.79	264	197392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	229555	131.15	ng	0.00
7) Phenol-d6	7.62	99	286697	107.22	ng	0.00
23) Nitrobenzene-d5	9.64	82	200204	85.66	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	199656	174.42	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	559748	95.79	ng	0.00
78) Terphenyl-d14	20.39	244	1038522	105.93	ng	0.00

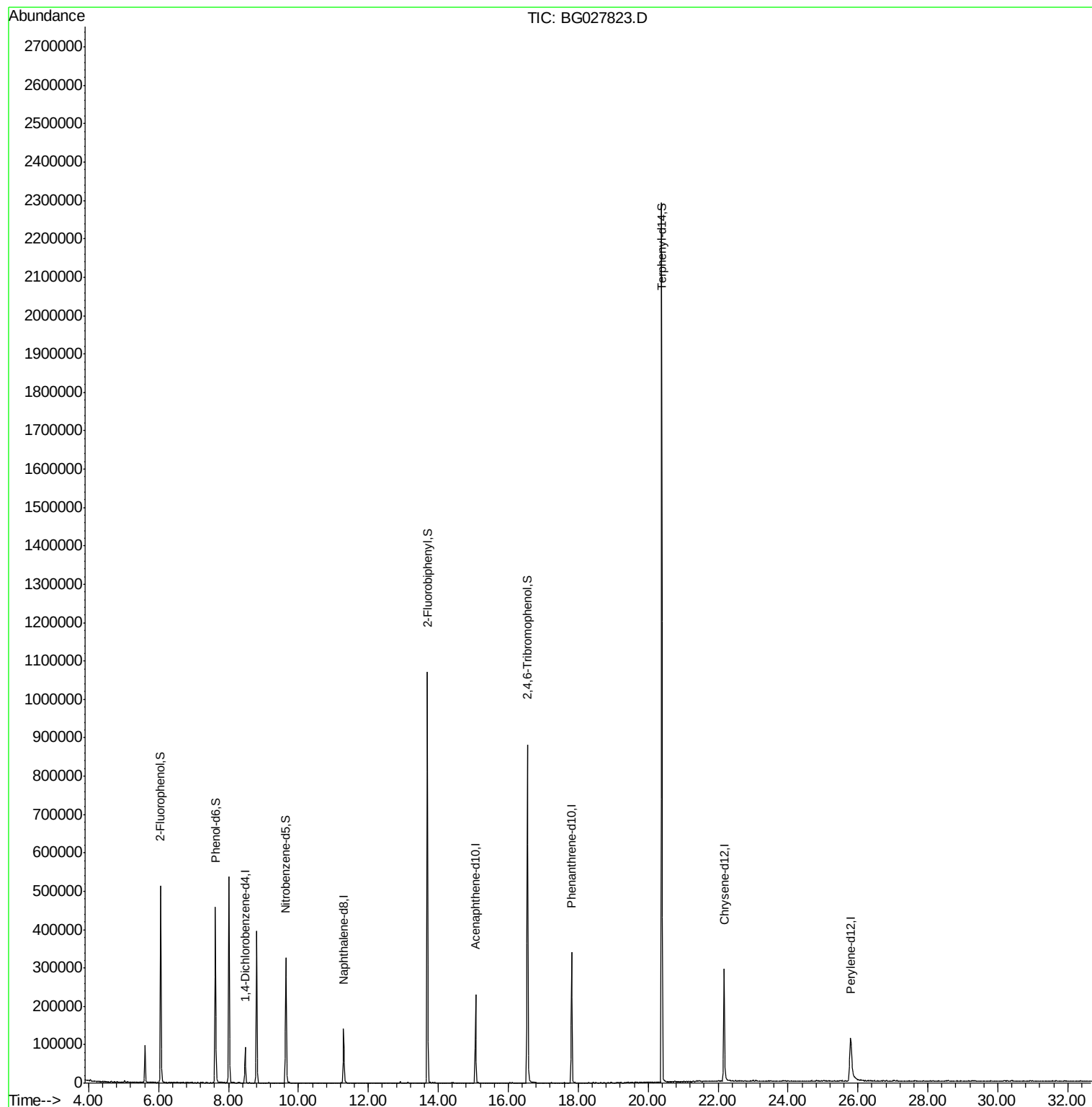
Target Compounds Qvalue

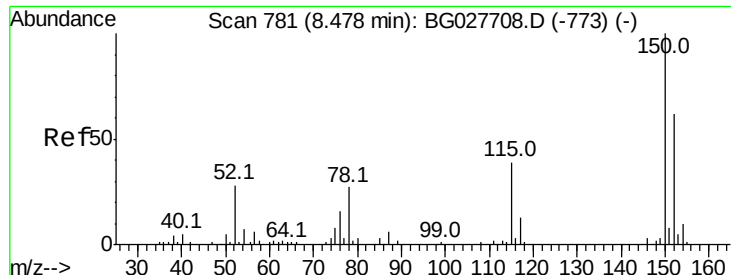
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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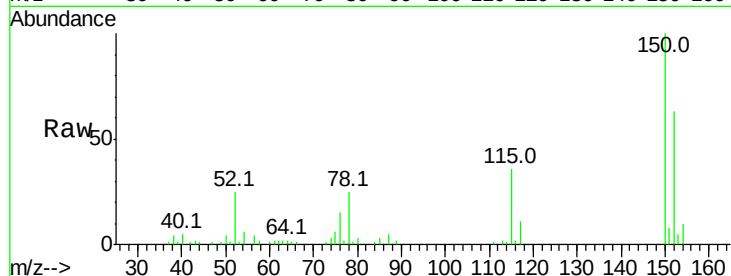


#1

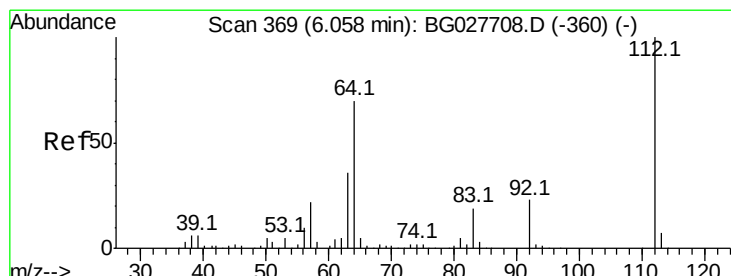
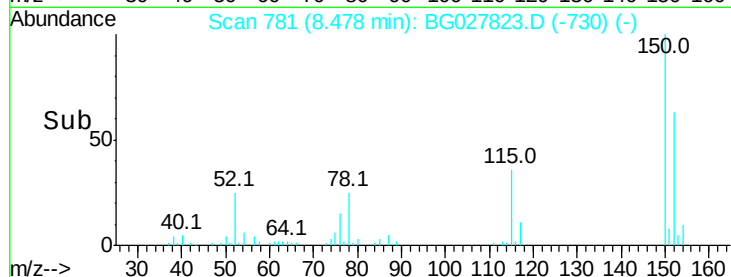
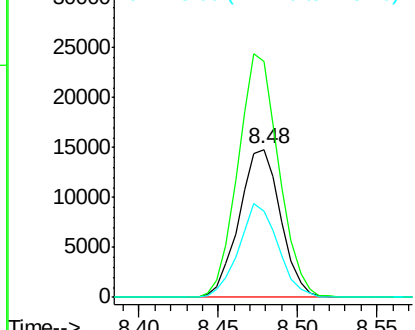
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG027823.D
Acq: 2 Jul 2017 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26954
Ion Ratio Lower Upper
152 100
150 159.3 114.0 171.0
115 58.0 48.1 72.1



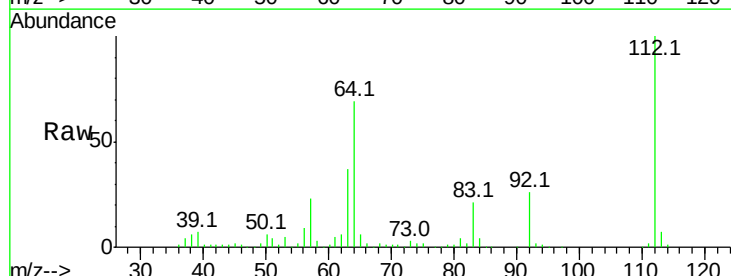
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



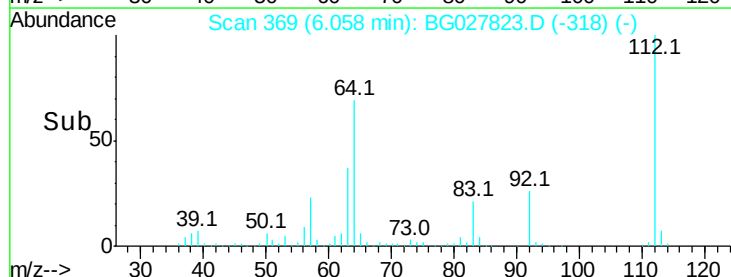
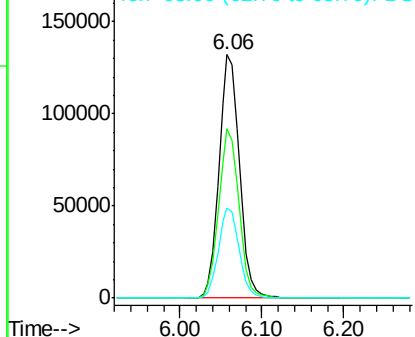
#5

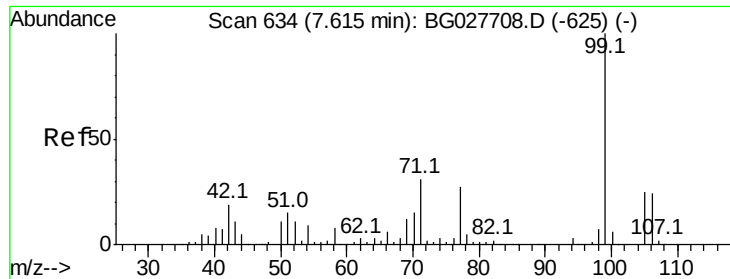
2-Fluorophenol
Concen: 131.15 ng
RT: 6.06 min Scan# 369
Delta R.T. 0.00 min
Lab File: BG027823.D
Acq: 2 Jul 2017 17:52

Tgt Ion:112 Resp: 229555
Ion Ratio Lower Upper
112 100
64 69.5 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: 107.22 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027823.D

Acq: 2 Jul 2017 17:52

Instrument :

BNA_G

ClientSampleId :

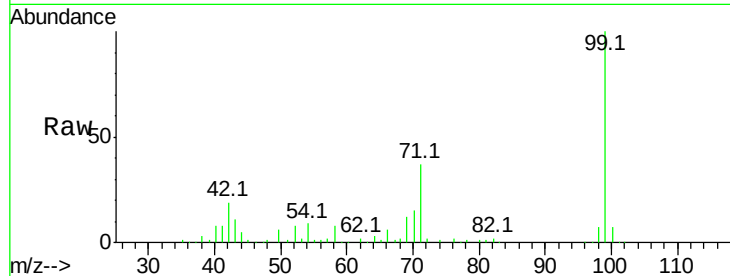
Tot Ion: 99 Resp: 286697

Ion Ratio Lower Upper

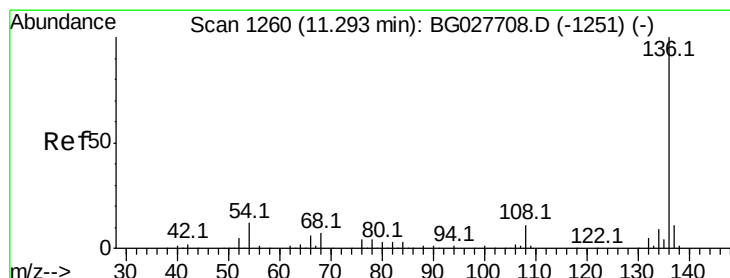
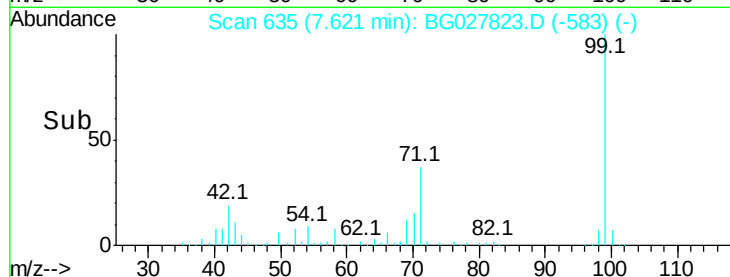
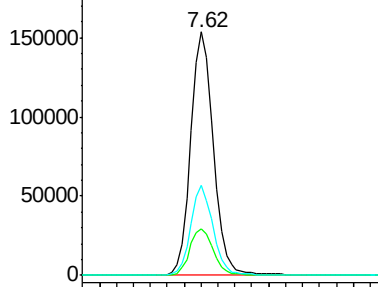
99 100

42 19.3 20.5 30.7#

71 36.8 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: 11.29 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG027823.D

Acq: 2 Jul 2017 17:52

Tgt Ion: 136 Resp: 130277

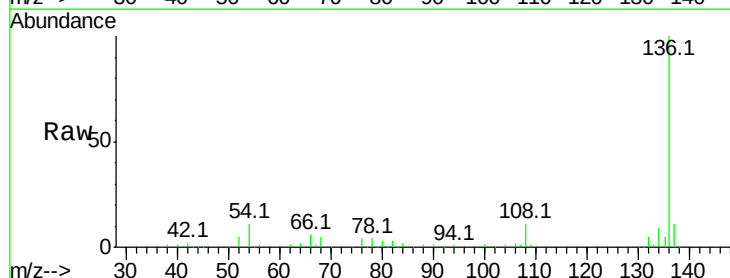
Ion Ratio Lower Upper

136 100

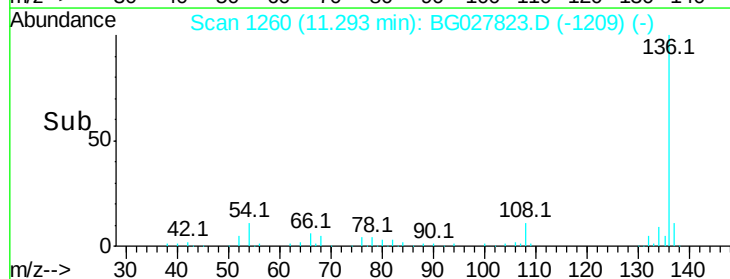
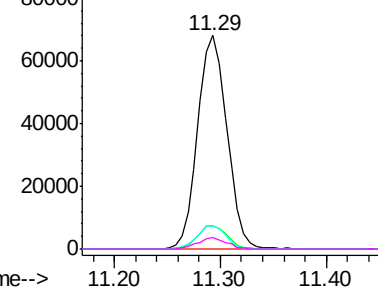
137 10.9 8.9 13.3

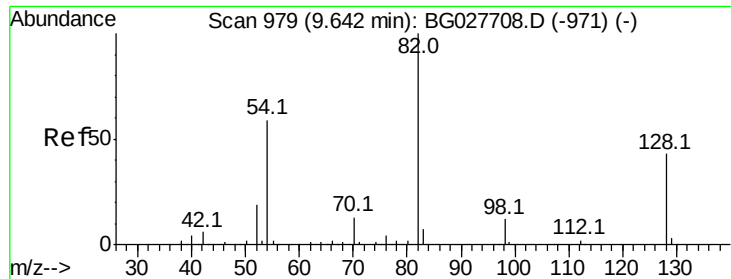
54 11.1 9.3 13.9

68 5.4 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

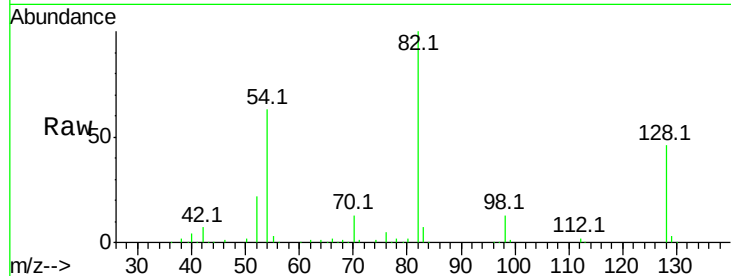




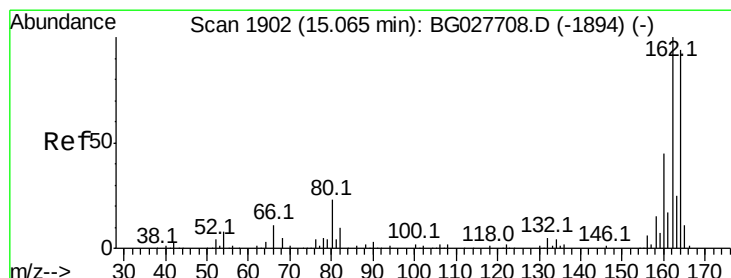
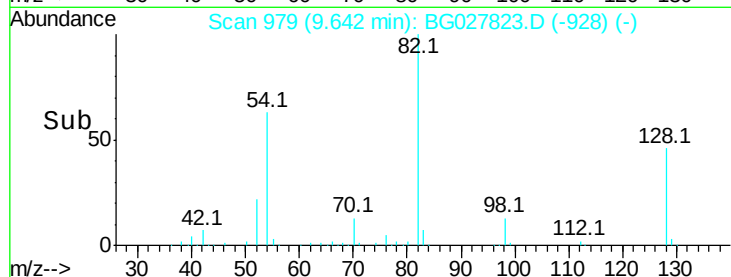
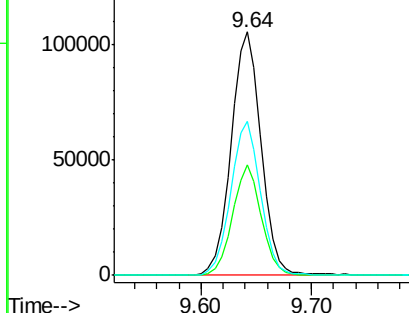
#23
 Nitrobenzene-d5
 Concen: 85.66 ng
 RT: 9.64 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BG027823.D
 Acq: 2 Jul 2017 17:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 200204
 Ion Ratio Lower Upper
 82 100
 128 45.5 26.4 39.6#
 54 63.4 49.4 74.2

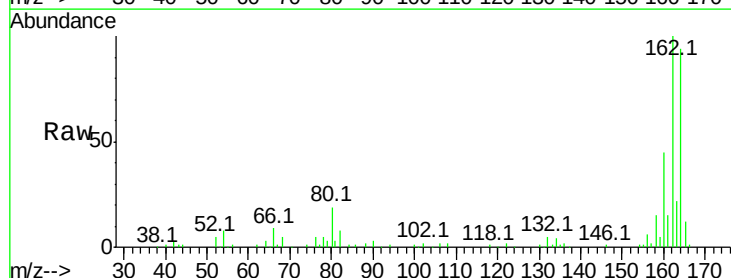


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

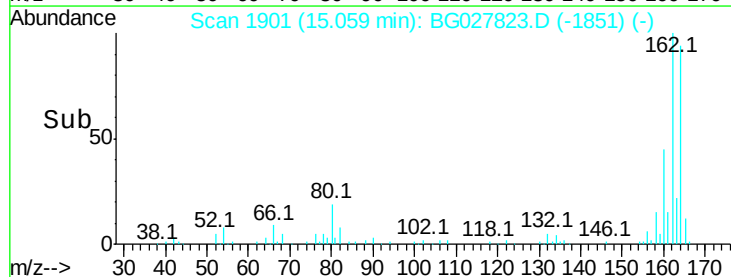
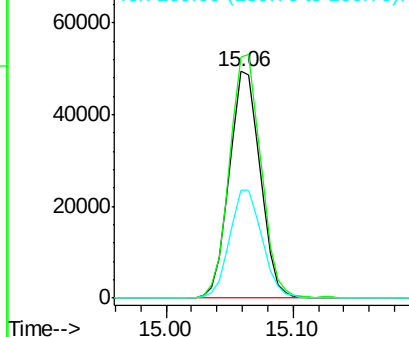


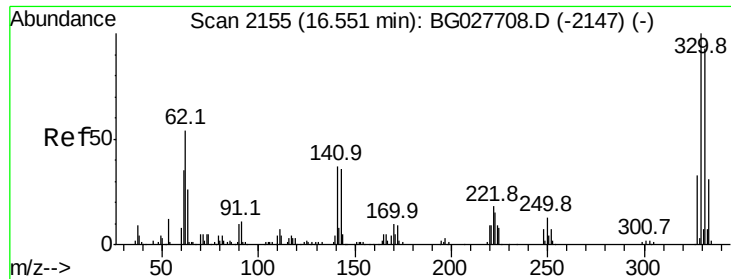
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG027823.D
 Acq: 2 Jul 2017 17:52

Tgt Ion:164 Resp: 83455
 Ion Ratio Lower Upper
 164 100
 162 106.0 85.1 127.7
 160 47.8 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

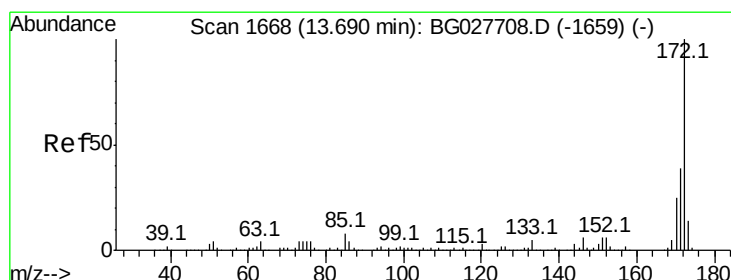
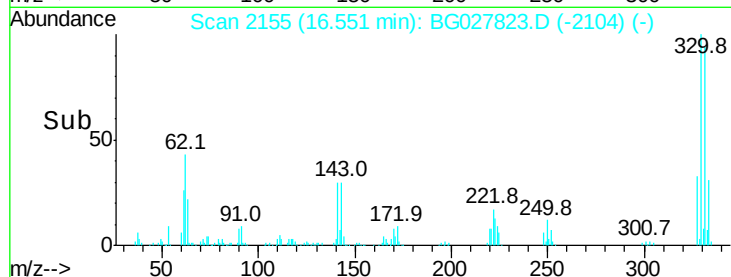
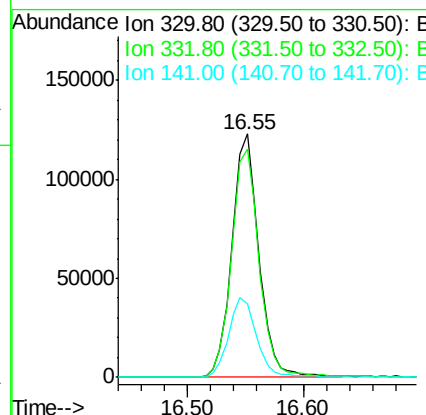
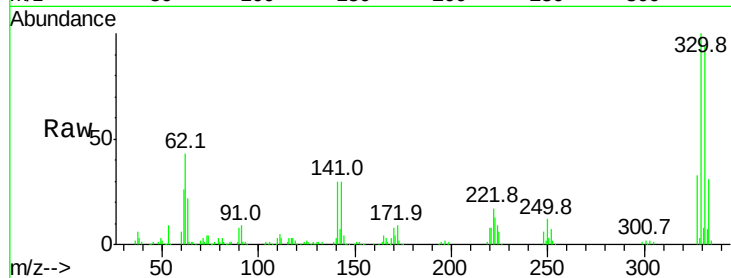




#41
 2,4,6-Tribromophenol
 Concen: 174.42 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG027823.D
 Acq: 2 Jul 2017 17:52

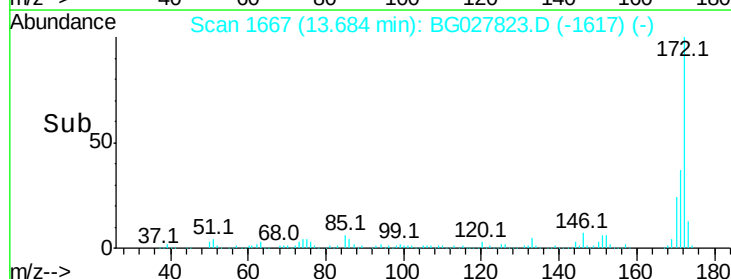
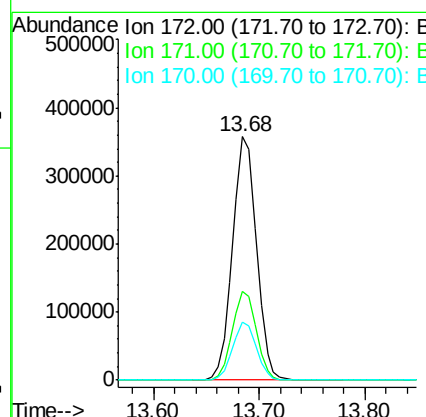
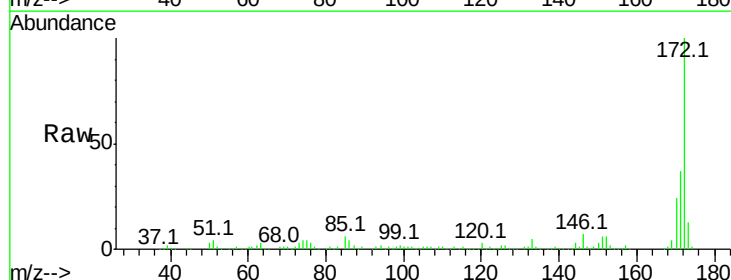
Instrument :
 BNA_G
 ClientSampleId :

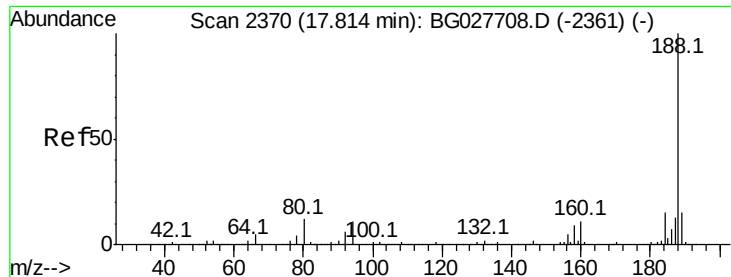
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	34.0	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 95.79 ng
 RT: 13.68 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG027823.D
 Acq: 2 Jul 2017 17:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	24.0	21.8	32.6

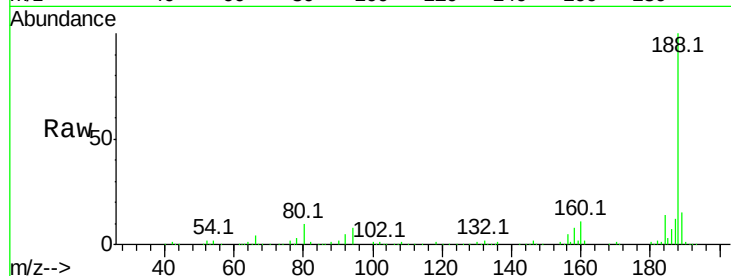




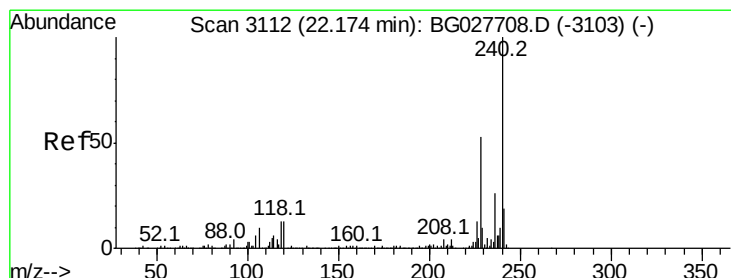
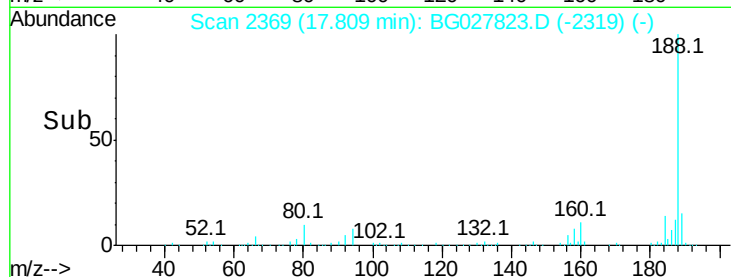
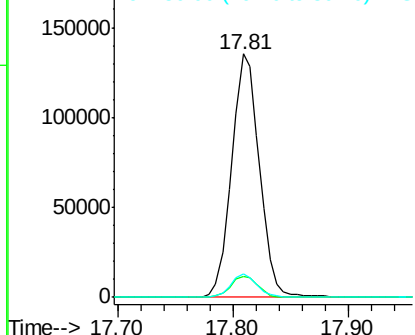
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BG027823.D
Acq: 2 Jul 2017 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 224838
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.8
80 9.9 7.5 11.3

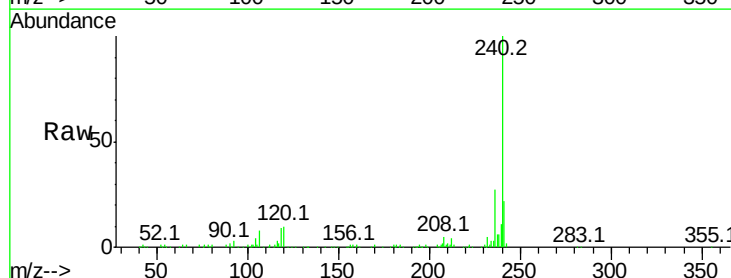


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

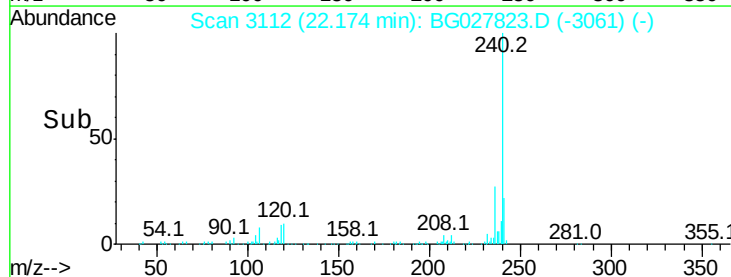
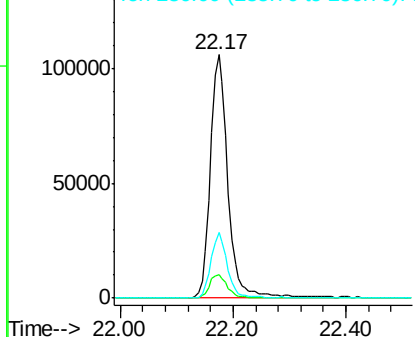


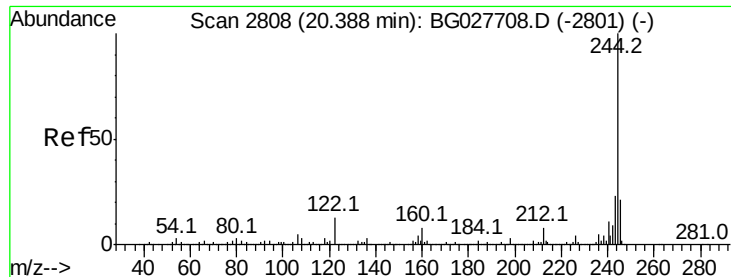
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BG027823.D
Acq: 2 Jul 2017 17:52

Tgt Ion:240 Resp: 229847
Ion Ratio Lower Upper
240 100
120 9.7 5.7 8.5#
236 27.0 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: 105.93 ng

RT: 20.39 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG027823.D

Acq: 2 Jul 2017 17:52

Instrument :

BNA_G

ClientSampleId :

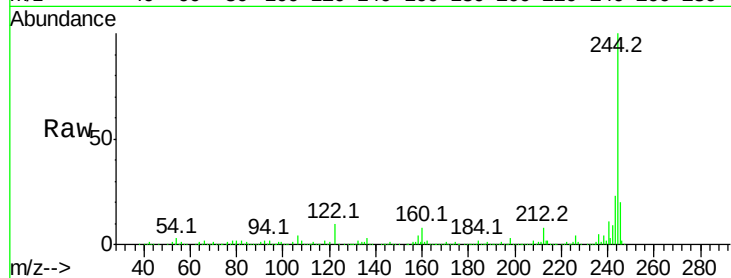
Tot Ion:244 Resp: 1038522

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

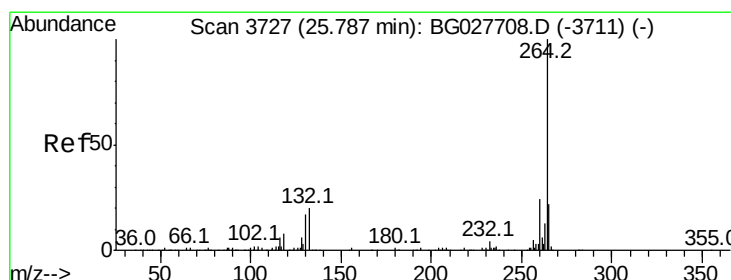
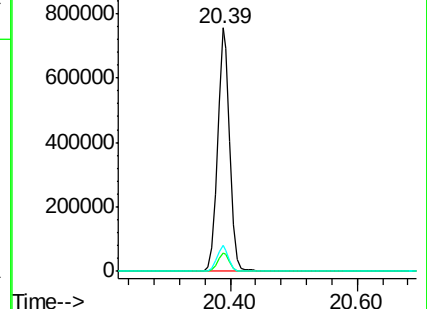
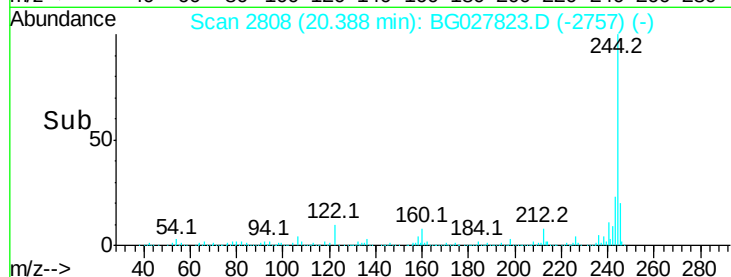
122 10.4 8.6 12.8



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: 20.00 ng

RT: 25.79 min Scan# 3728

Delta R.T. 0.01 min

Lab File: BG027823.D

Acq: 2 Jul 2017 17:52

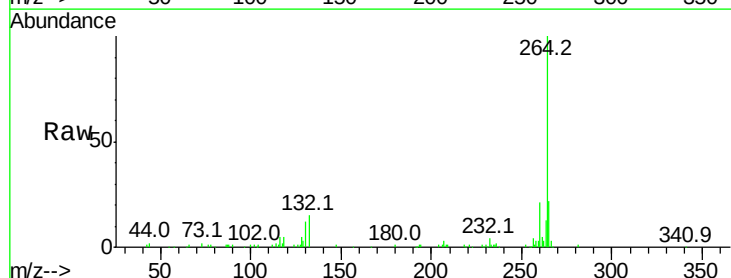
Tgt Ion:264 Resp: 197392

Ion Ratio Lower Upper

264 100

260 20.9 21.8 32.8#

265 21.7 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

