

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062817\
 Data File : BG027729.D
 Acq On : 29 Jun 2017 6:40
 Operator : SJ/JU
 Sample : I3925-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617

Quant Time: Jun 29 11:58:10 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

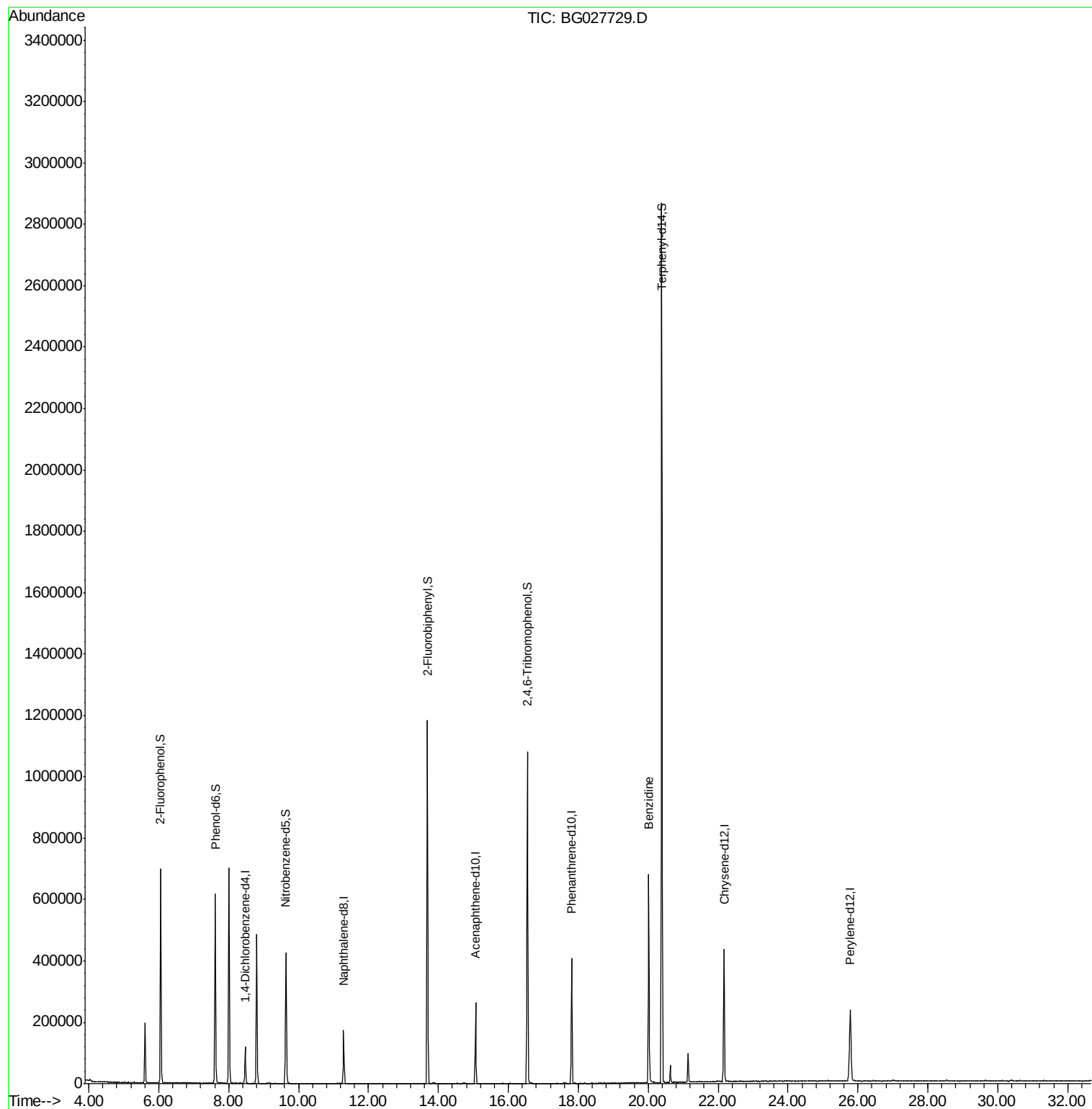
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	33608	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	155975	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	90325	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	250517	20.00	ng	0.00
75) Chrysene-d12	22.17	240	278372	20.00	ng	0.00
86) Perylene-d12	25.78	264	264968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	302563	138.63	ng	0.00
7) Phenol-d6	7.61	99	384983	115.47	ng	0.00
23) Nitrobenzene-d5	9.64	82	268621	96.00	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	207196	167.24	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	637934	100.87	ng	0.00
78) Terphenyl-d14	20.39	244	1275288	107.40	ng	0.00
Target Compounds						
76) Benzidine	20.02	184	395172	58.857	ng	Qvalue 97

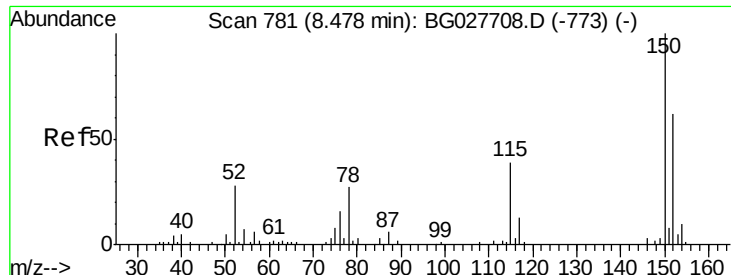
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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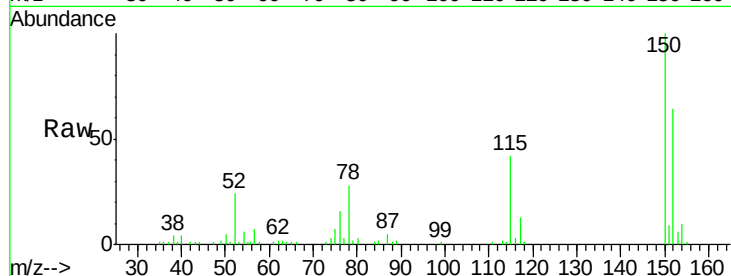


#1

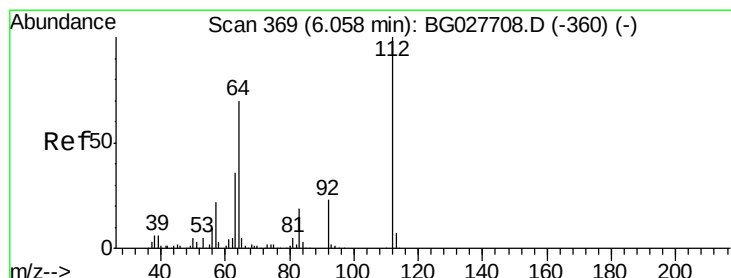
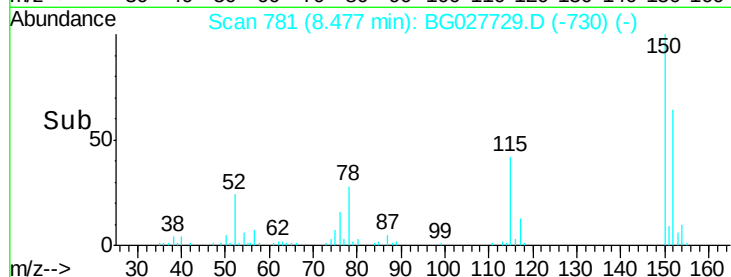
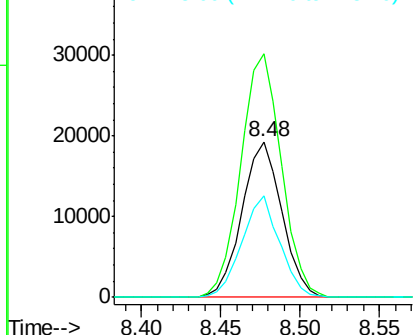
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027729.D
Acq: 29 Jun 2017 6:40

Instrument :
BNA_G
ClientSampleId :
HD-01-062617

Tgt Ion:152 Resp: 33608
Ion Ratio Lower Upper
152 100
150 156.2 114.0 171.0
115 65.4 48.1 72.1



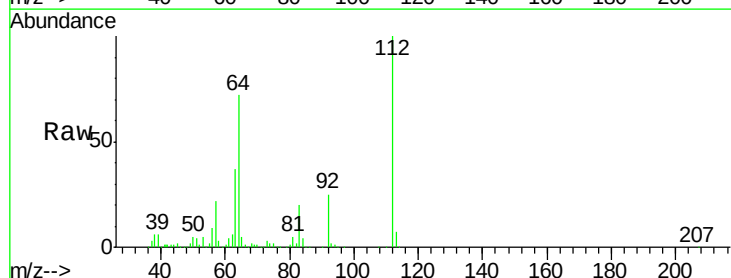
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



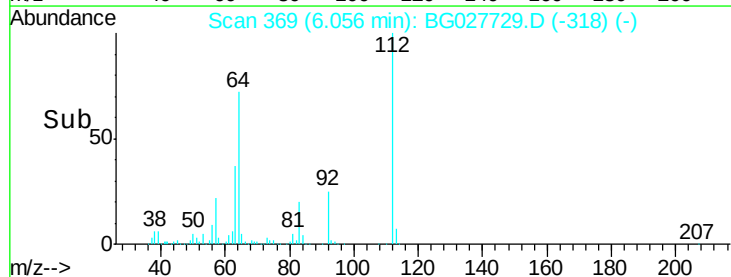
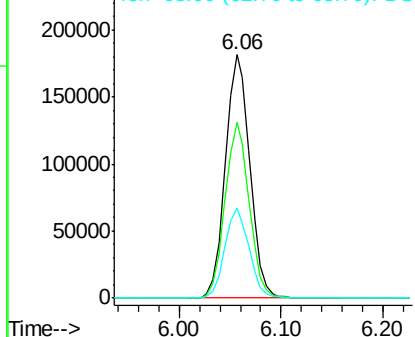
#5

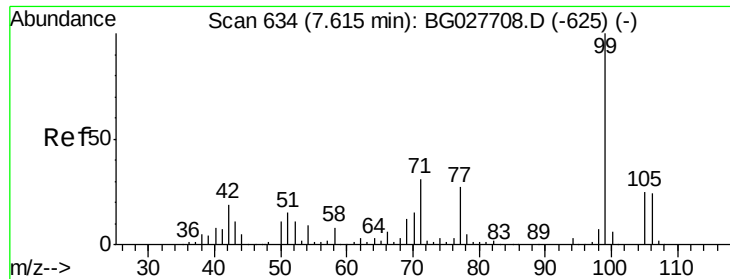
2-Fluorophenol
Concen: 138.633 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027729.D
Acq: 29 Jun 2017 6:40

Tgt Ion:112 Resp: 302563
Ion Ratio Lower Upper
112 100
64 72.2 61.8 92.6
63 36.8 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 115.467 ng

RT: 7.61 min Scan# 634

Delta R.T. -0.00 min

Lab File: BG027729.D

Acq: 29 Jun 2017 6:40

Instrument :

BNA_G

ClientSampleId :

HD-01-062617

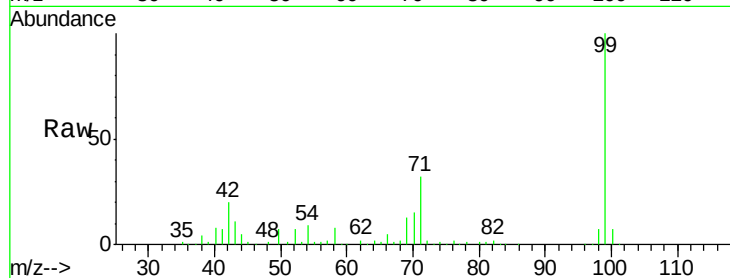
Tgt Ion: 99 Resp: 384983

Ion Ratio Lower Upper

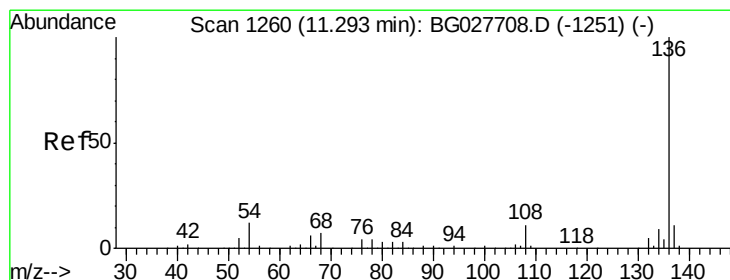
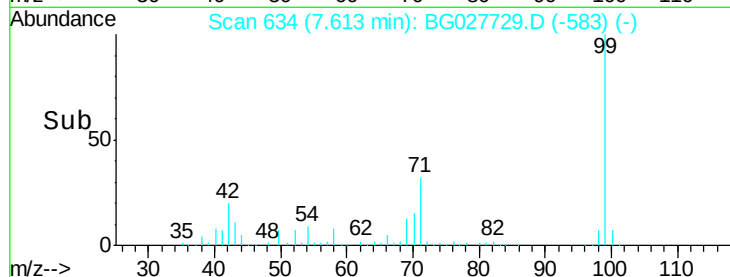
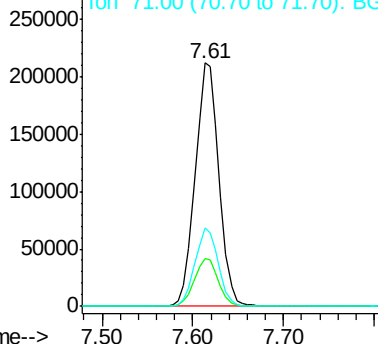
99 100

42 19.5 20.5 30.7#

71 32.2 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# 1260

Delta R.T. -0.00 min

Lab File: BG027729.D

Acq: 29 Jun 2017 6:40

Tgt Ion: 136 Resp: 155975

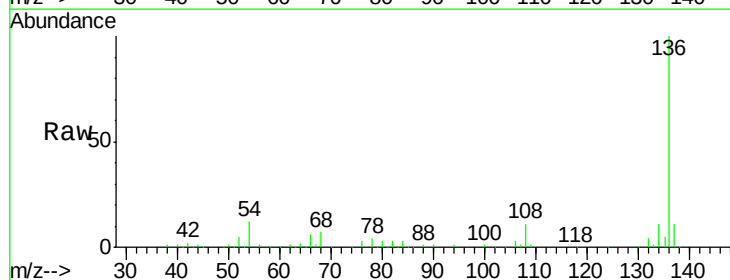
Ion Ratio Lower Upper

136 100

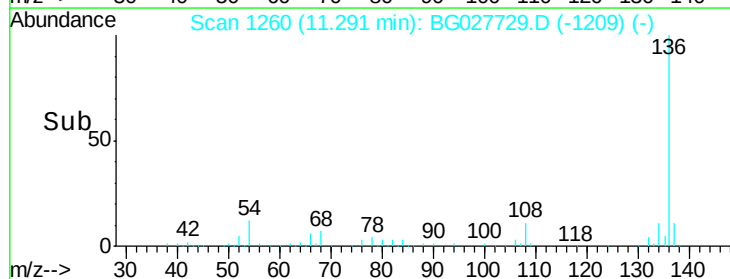
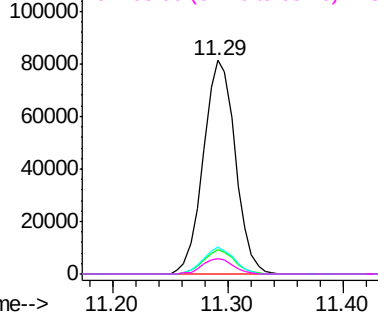
137 11.3 8.9 13.3

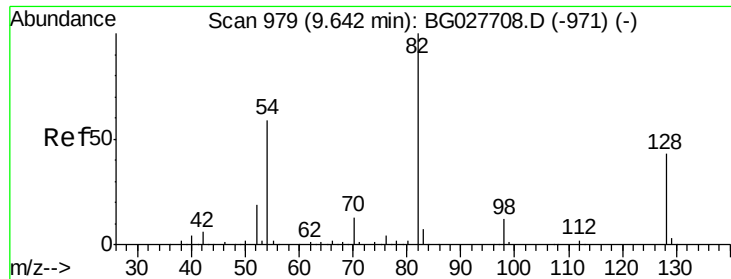
54 12.4 9.3 13.9

68 7.2 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

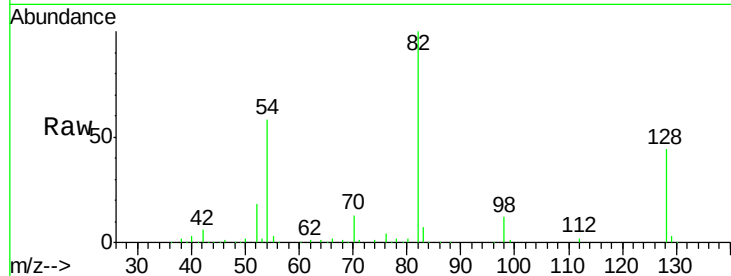




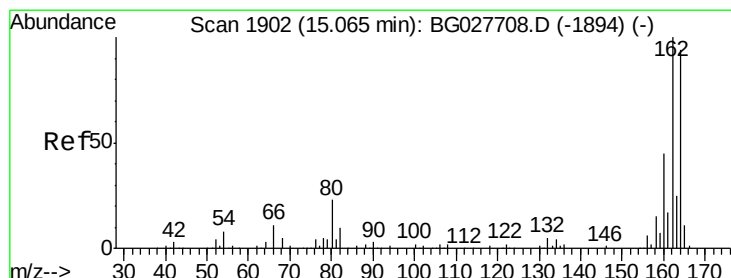
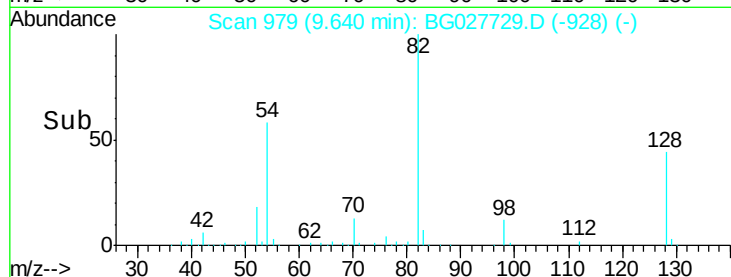
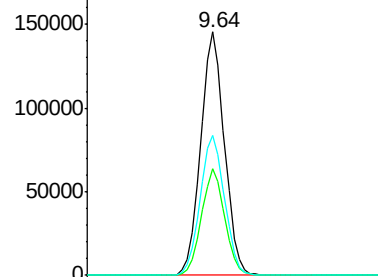
#23
 Nitrobenzene-d5
 Concen: 95.997 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027729.D
 Acq: 29 Jun 2017 6:40

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	26.4	39.6
54	57.7	49.4	74.2

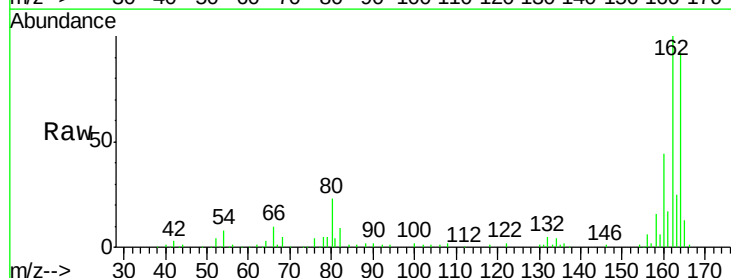


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

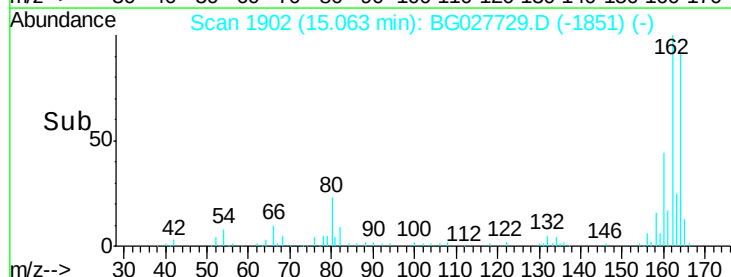
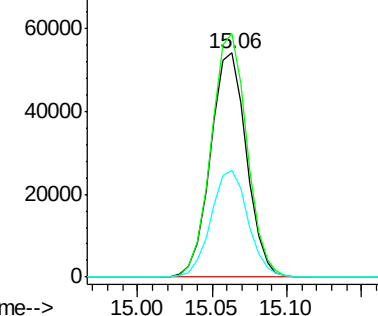


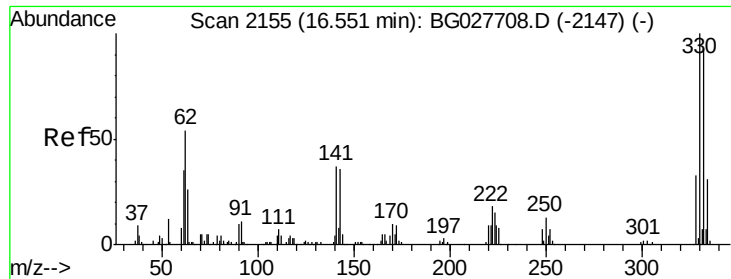
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027729.D
 Acq: 29 Jun 2017 6:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.7	85.1	127.7
160	47.9	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

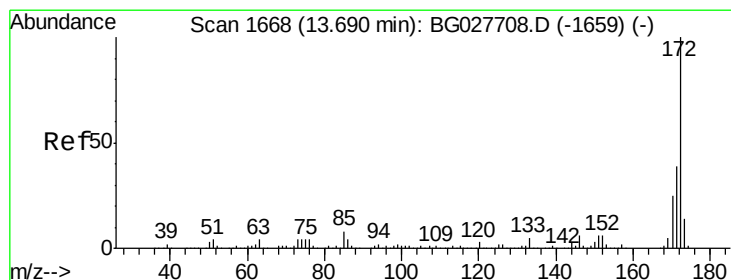
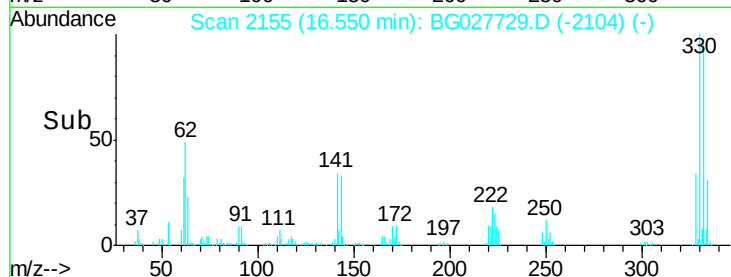
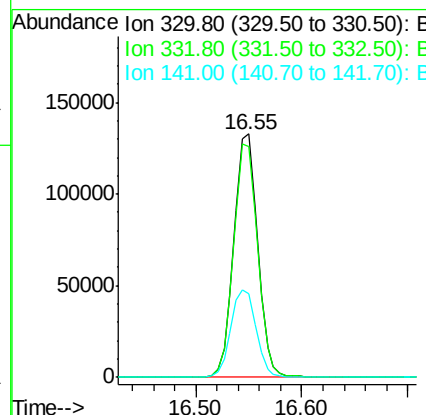
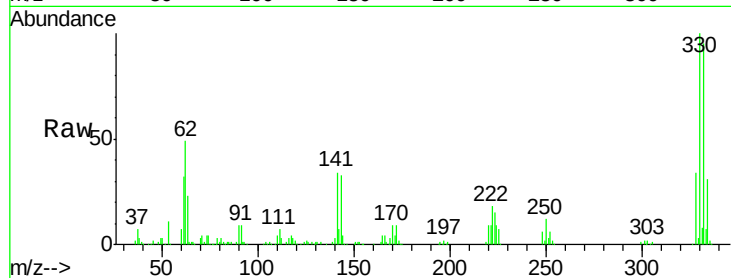




#41
 2,4,6-Tribromophenol
 Concen: 167.241 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027729.D
 Acq: 29 Jun 2017 6:40

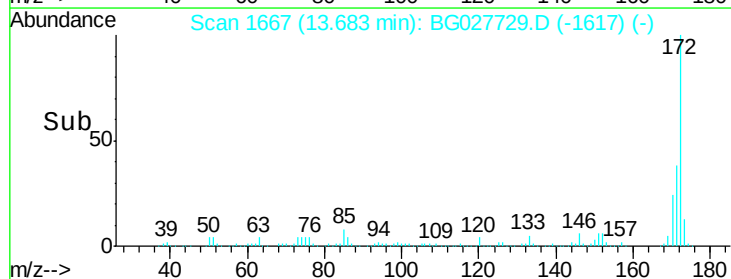
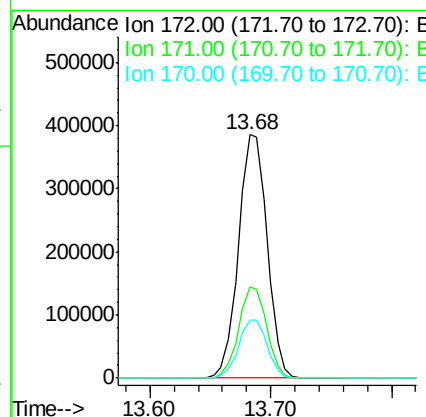
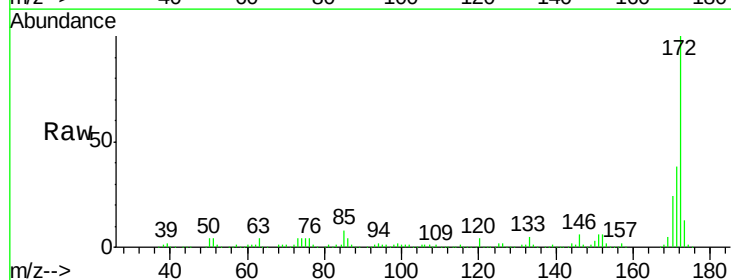
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617

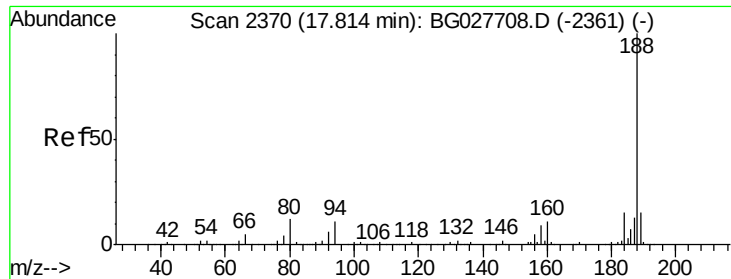
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	38.4	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 100.867 ng
 RT: 13.68 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG027729.D
 Acq: 29 Jun 2017 6:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	23.8	21.8	32.6

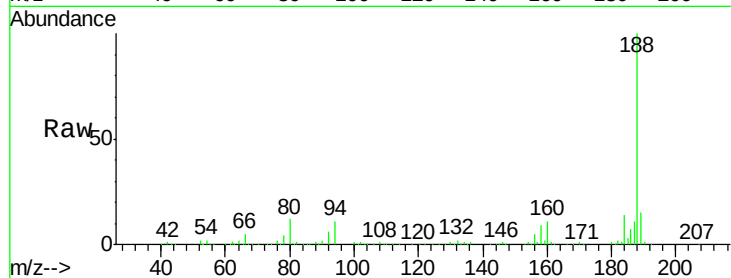




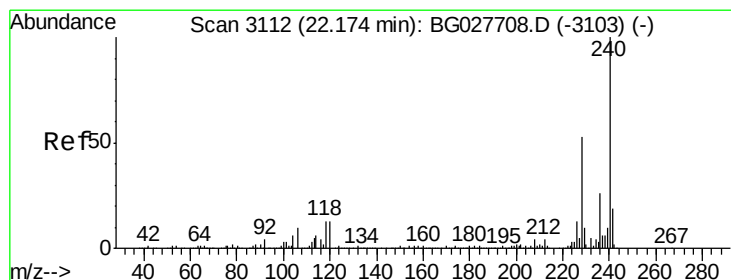
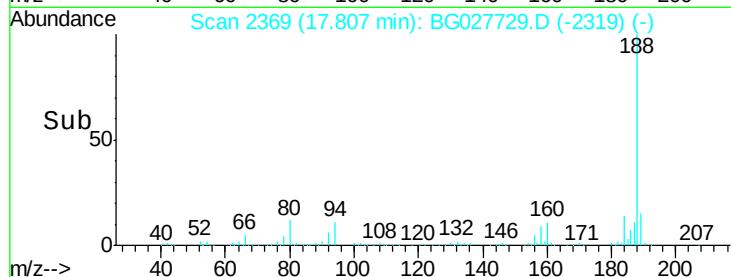
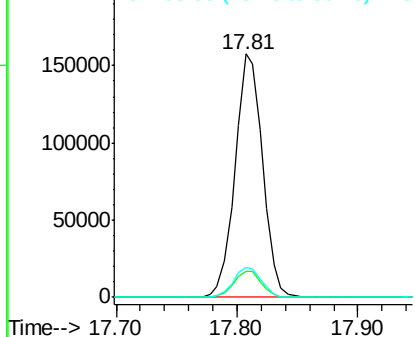
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.81 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BG027729.D
Acq: 29 Jun 2017 6:40

Instrument :
BNA_G
ClientSampleId :
HD-01-062617

Tgt Ion:188 Resp: 250517
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.8#
80 12.5 7.5 11.3#

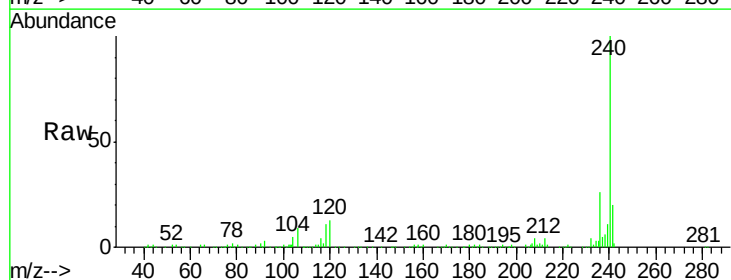


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

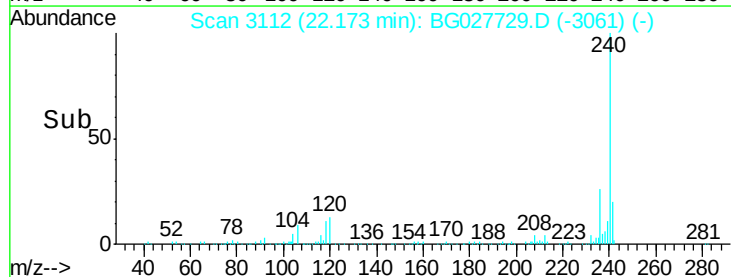
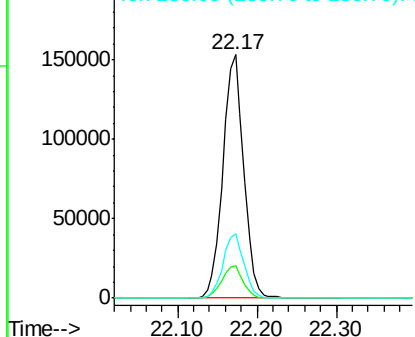


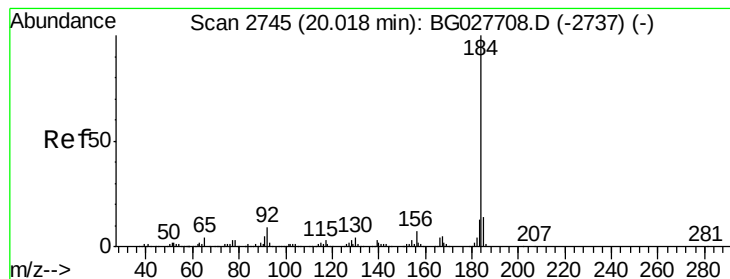
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027729.D
Acq: 29 Jun 2017 6:40

Tgt Ion:240 Resp: 278372
Ion Ratio Lower Upper
240 100
120 13.3 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: 58.857 ng

RT: 20.02 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BG027729.D

Acq: 29 Jun 2017 6:40

Instrument :

BNA_G

ClientSampleId :

HD-01-062617

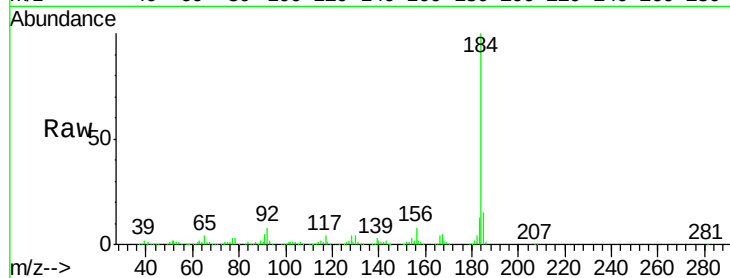
Tgt Ion:184 Resp: 395172

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.6

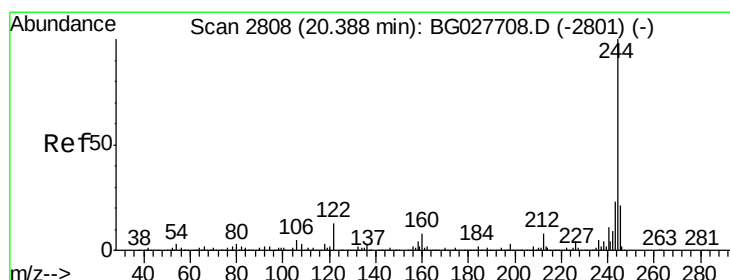
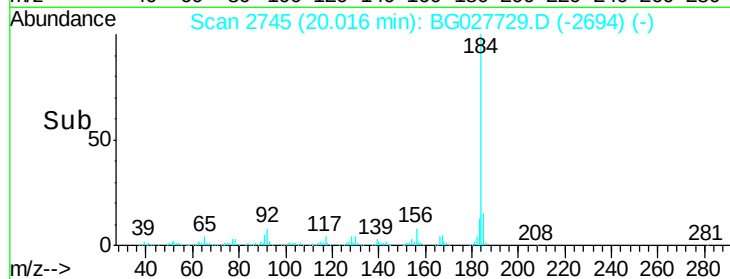
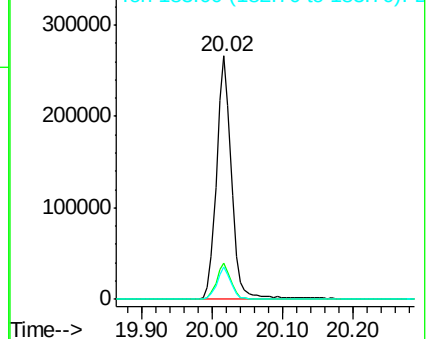
183 13.2 11.0 16.6



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: 107.401 ng

RT: 20.39 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG027729.D

Acq: 29 Jun 2017 6:40

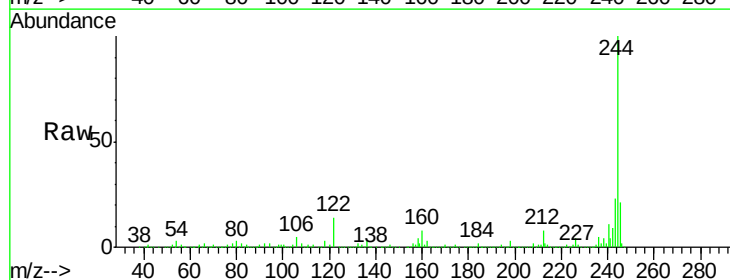
Tgt Ion:244 Resp: 1275288

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

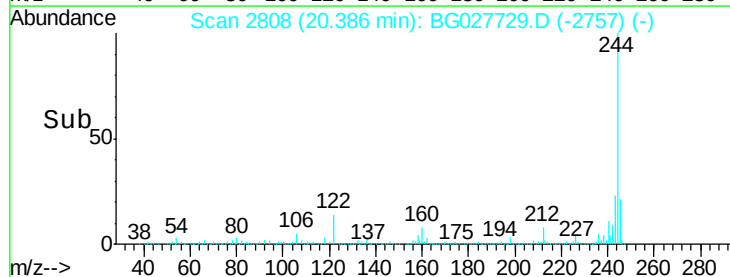
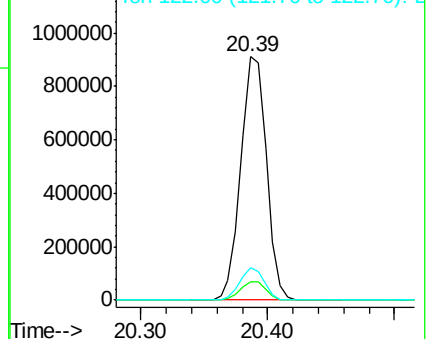
122 13.5 8.6 12.8#

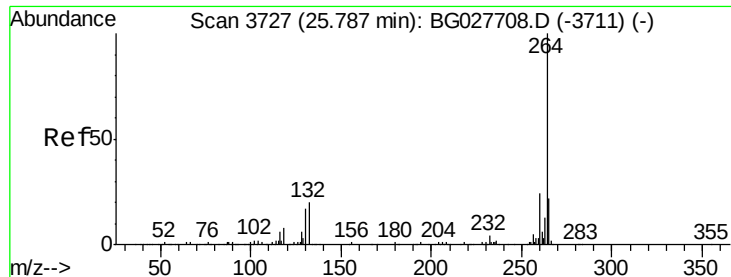


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BG027729.D
Acq: 29 Jun 2017 6:40

Instrument :
BNA_G
ClientSampleId :
HD-01-062617

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	20.9	18.2	27.4

