

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027794.D
 Acq On : 1 Jul 2017 22:02
 Operator : SJ/JU
 Sample : PB100363BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 06:56:39 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	27495	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	138149	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	95665	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	239620	20.00	ng	0.00
75) Chrysene-d12	22.17	240	243608	20.00	ng	0.00
86) Perylene-d12	25.79	264	237579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	228355	127.89	ng	0.00
7) Phenol-d6	7.62	99	319697	117.20	ng	0.00
23) Nitrobenzene-d5	9.64	82	193169	77.94	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	185954	141.72	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	567001	84.65	ng	0.00
78) Terphenyl-d14	20.39	244	996889	95.94	ng	0.00

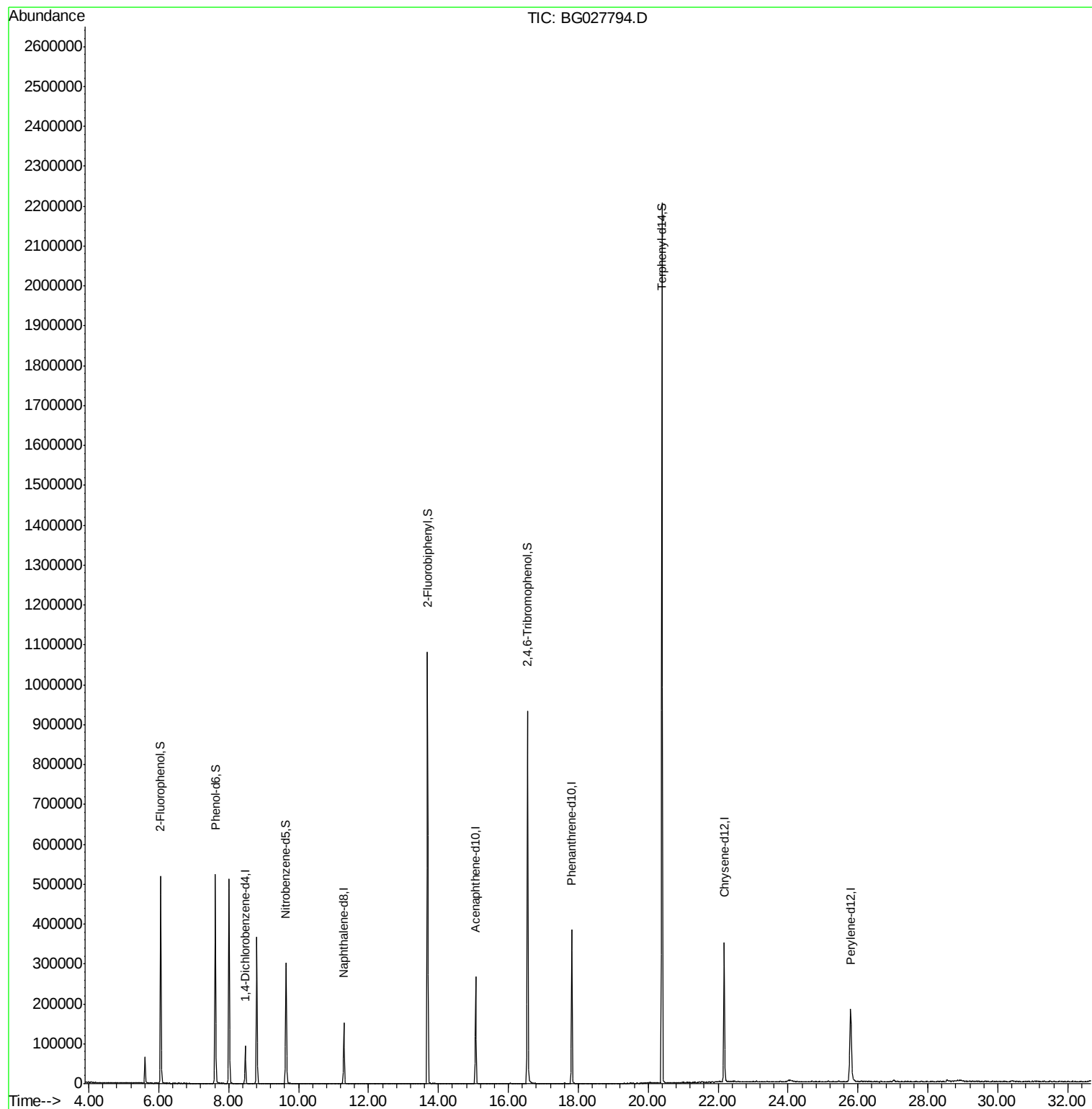
Target Compounds Qvalue

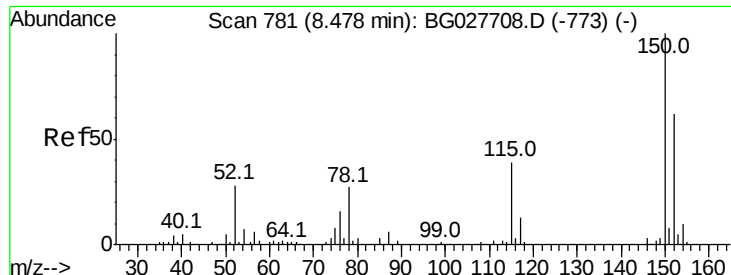
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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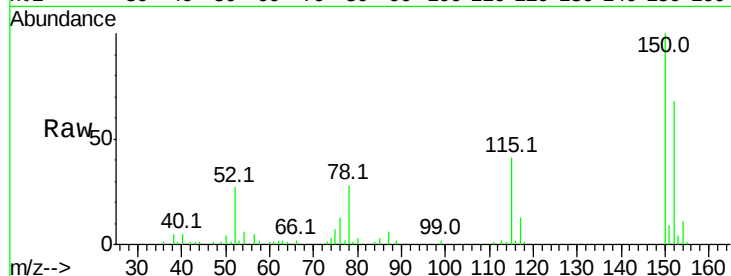


#1

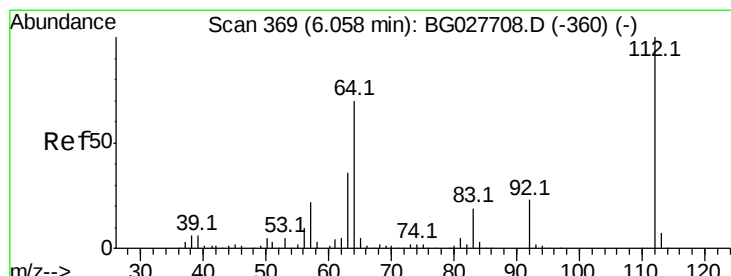
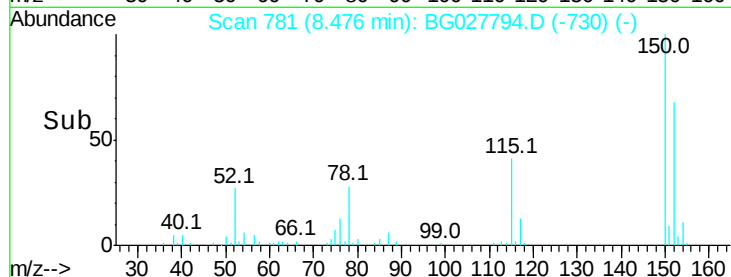
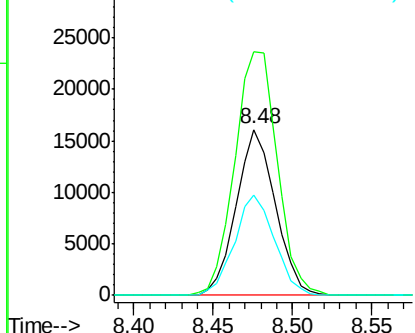
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027794.D
Acq: 1 Jul 2017 22:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27495
Ion Ratio Lower Upper
152 100
150 146.5 114.0 171.0
115 60.7 48.1 72.1



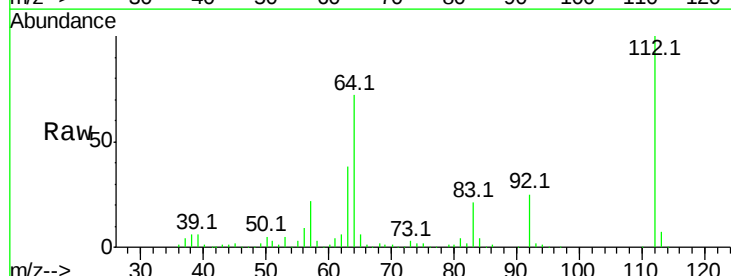
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



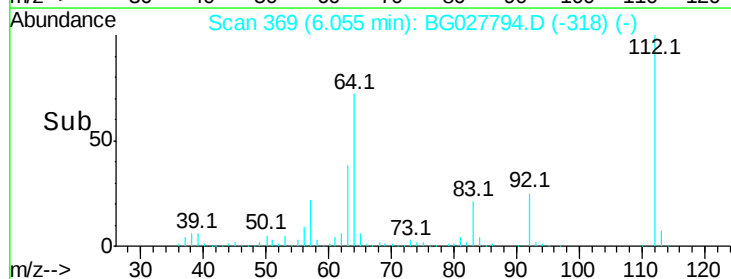
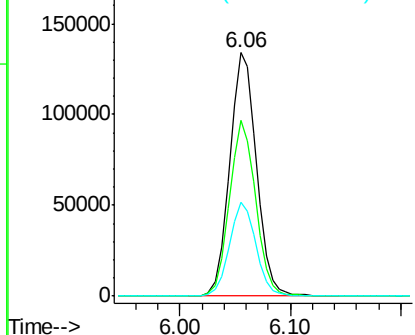
#5

2-Fluorophenol
Concen: 127.89 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027794.D
Acq: 1 Jul 2017 22:02

Tgt Ion:112 Resp: 228355
Ion Ratio Lower Upper
112 100
64 72.0 61.8 92.6
63 38.4 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: 117.20 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027794.D

Acq: 1 Jul 2017 22:02

Instrument :

BNA_G

ClientSampleId :

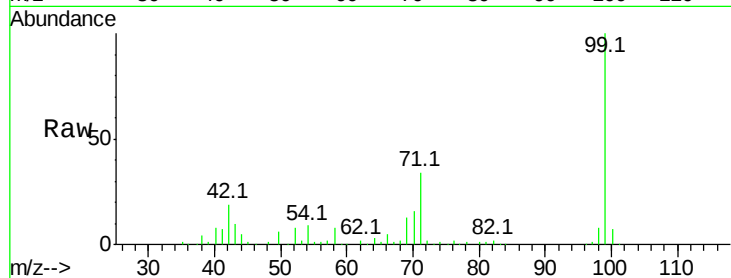
Tot Ion: 99 Resp: 319697

Ion Ratio Lower Upper

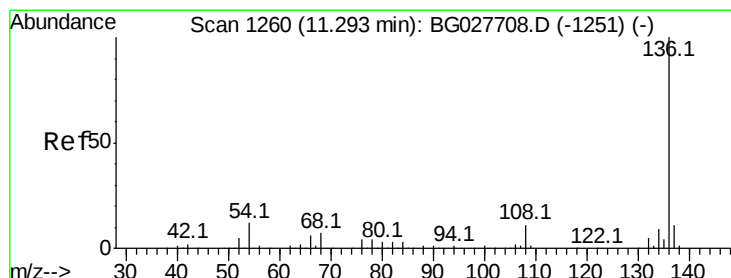
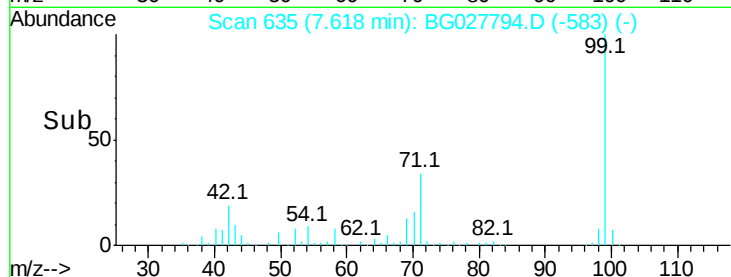
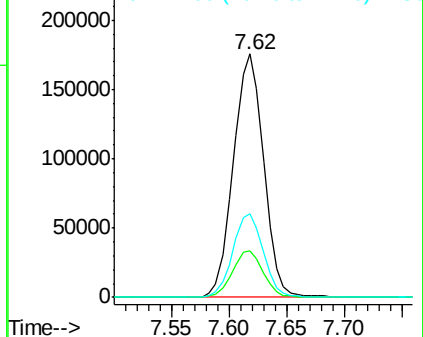
99 100

42 19.3 20.5 30.7#

71 34.5 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: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027794.D

Acq: 1 Jul 2017 22:02

Tgt Ion: 136 Resp: 138149

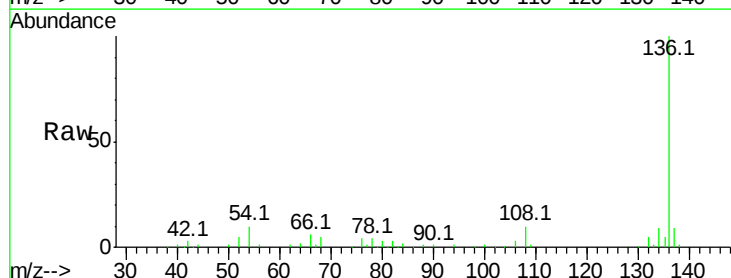
Ion Ratio Lower Upper

136 100

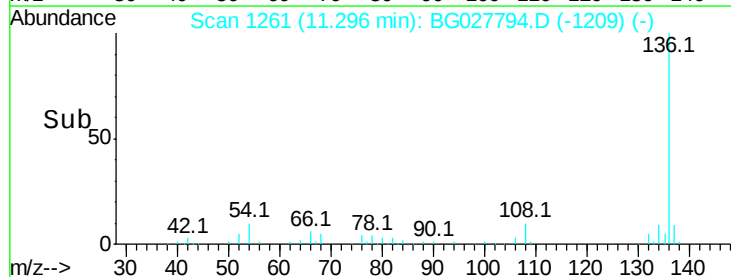
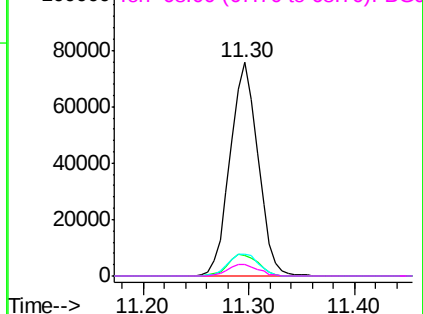
137 9.5 8.9 13.3

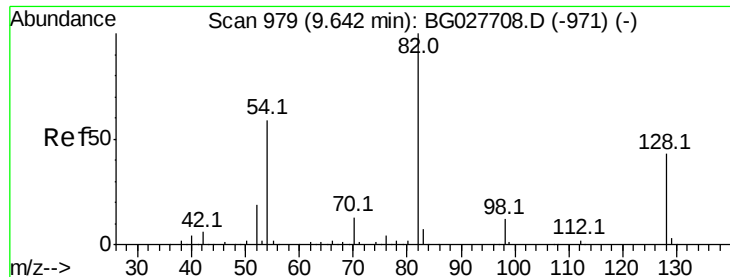
54 10.3 9.3 13.9

68 5.3 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

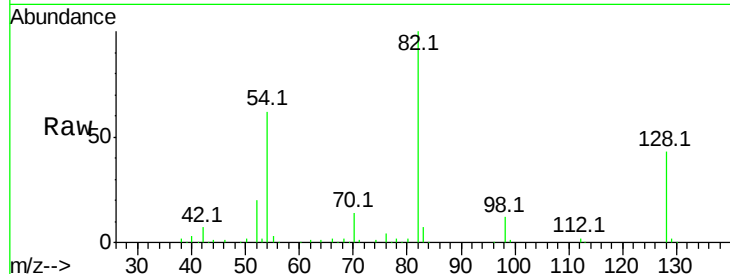




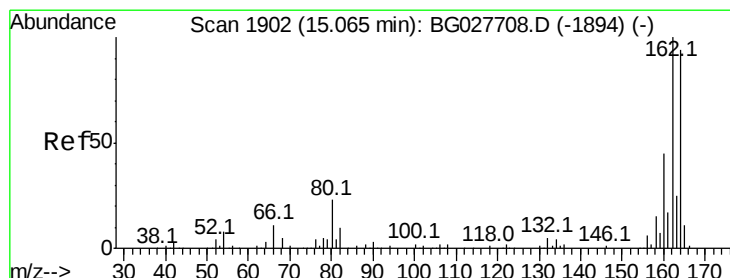
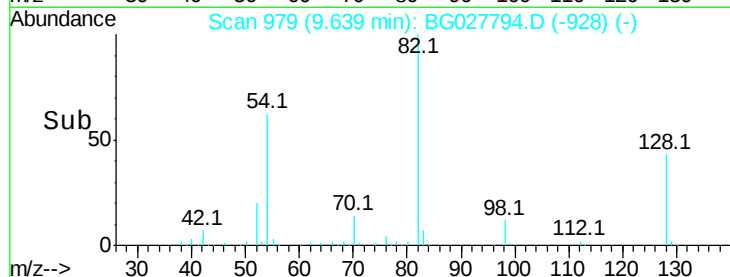
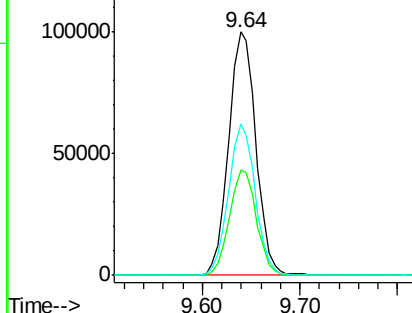
#23
 Nitrobenzene-d5
 Concen: 77.94 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027794.D
 Acq: 1 Jul 2017 22:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	193169
Ion Ratio	Lower	Upper	
82	100		
128	43.3	26.4	39.6#
54	62.1	49.4	74.2

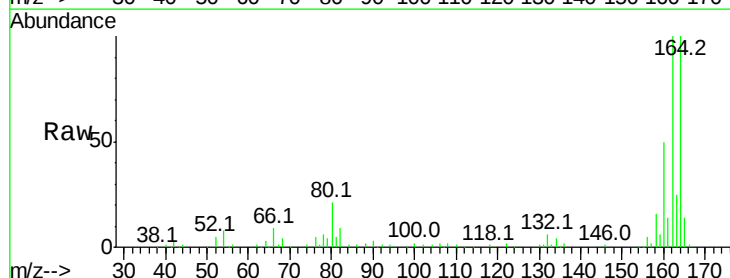


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

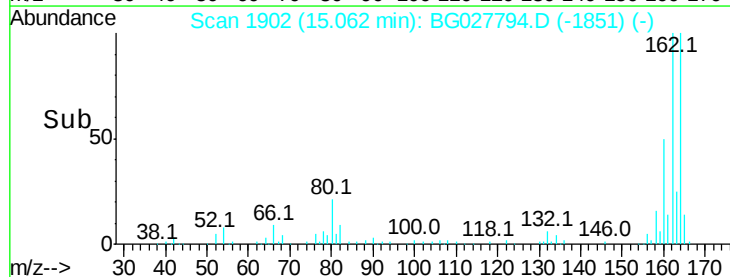
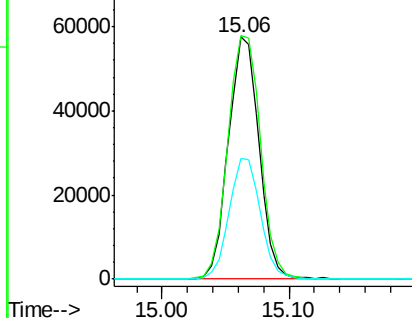


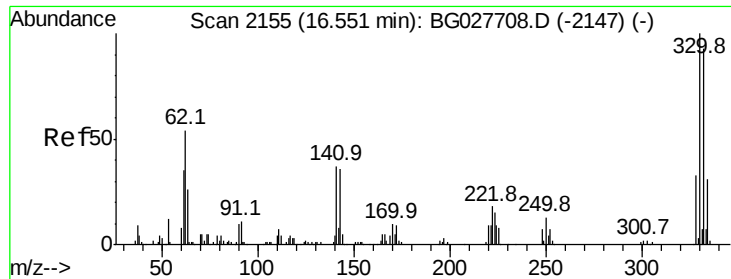
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027794.D
 Acq: 1 Jul 2017 22:02

Tgt Ion	164	Resp	95665
Ion Ratio	Lower	Upper	
164	100		
162	100.5	85.1	127.7
160	50.0	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

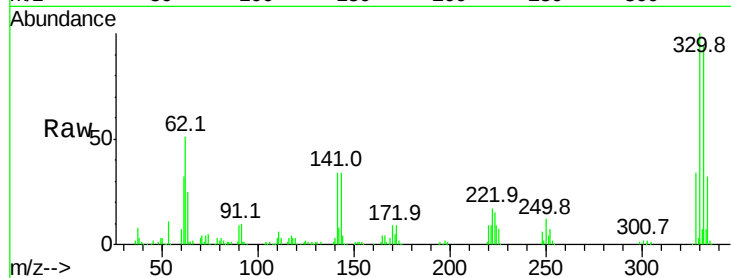




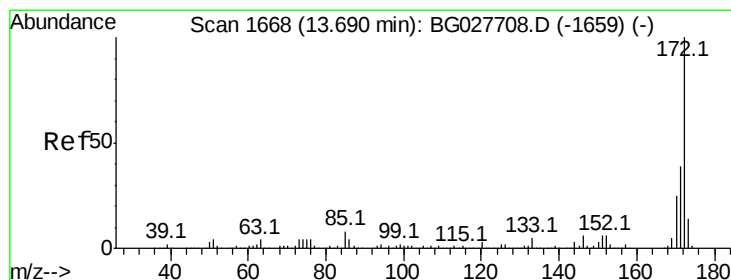
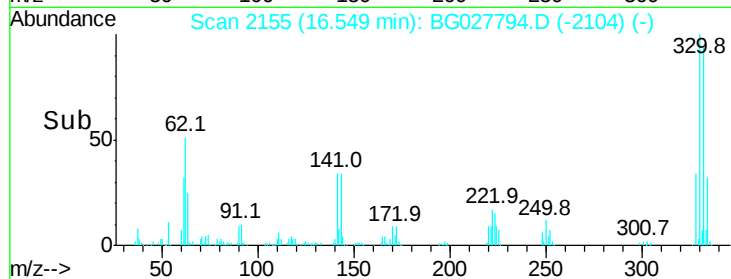
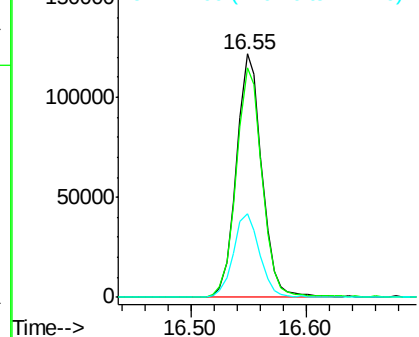
#41
 2,4,6-Tribromophenol
 Concen: 141.72 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027794.D
 Acq: 1 Jul 2017 22:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	35.4	32.1	48.1

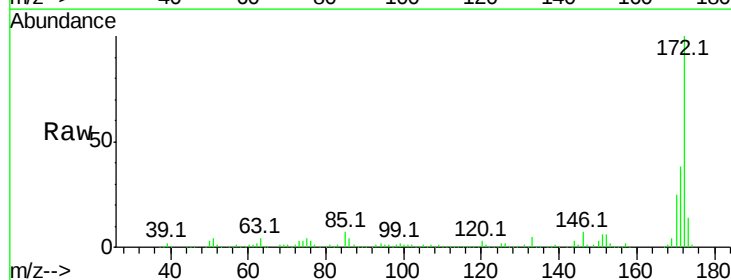


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

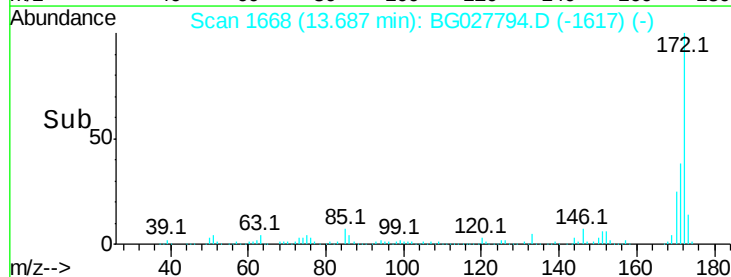
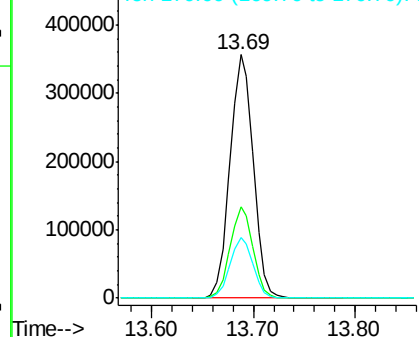


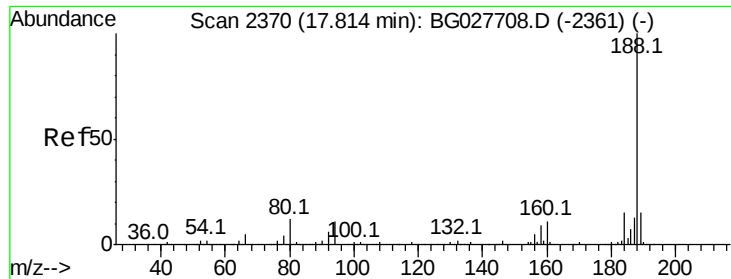
#44
 2-Fluorobiphenyl
 Concen: 84.65 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027794.D
 Acq: 1 Jul 2017 22:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.8	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

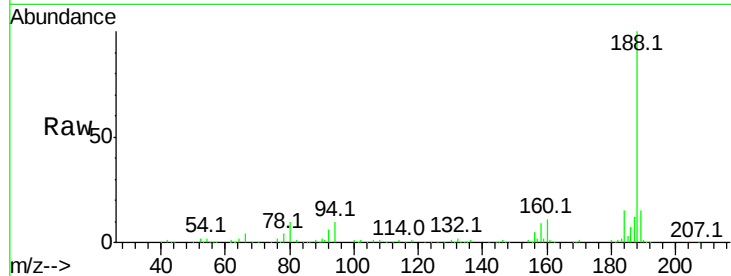




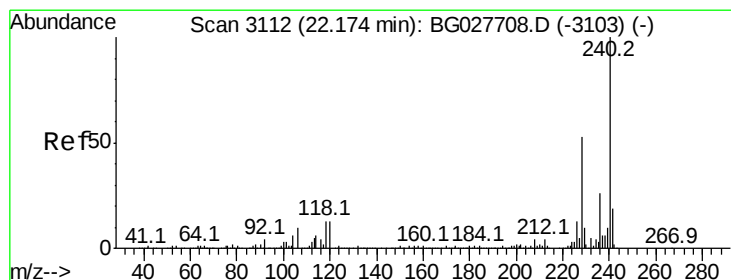
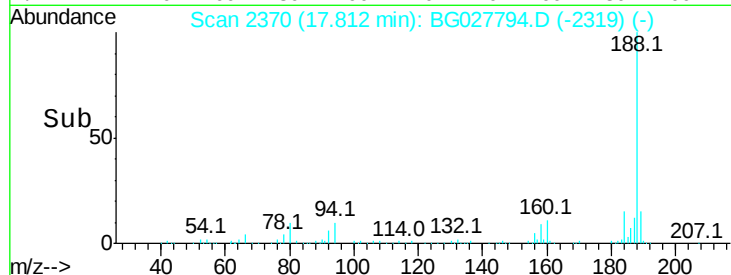
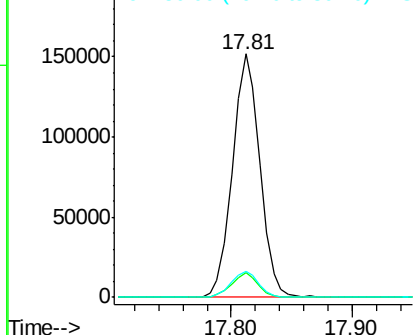
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027794.D
Acq: 1 Jul 2017 22:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 239620
Ion Ratio Lower Upper
188 100
94 10.0 5.8 8.8#
80 10.4 7.5 11.3

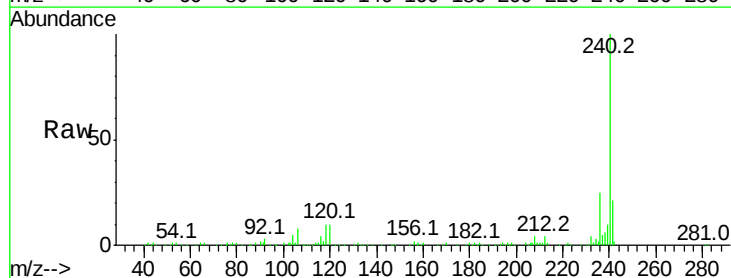


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

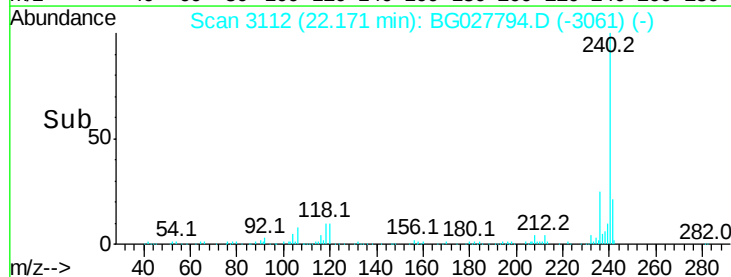
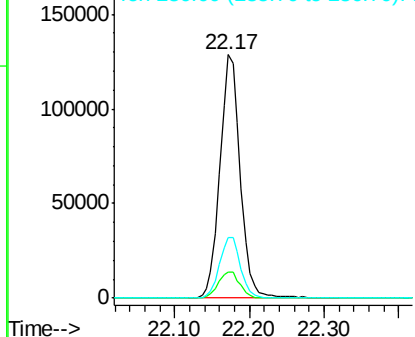


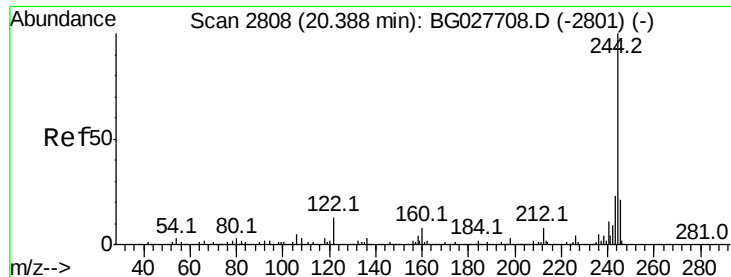
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027794.D
Acq: 1 Jul 2017 22:02

Tgt Ion:240 Resp: 243608
Ion Ratio Lower Upper
240 100
120 10.5 5.7 8.5#
236 24.8 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: 95.94 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027794.D

Acq: 1 Jul 2017 22:02

Instrument :

BNA_G

ClientSampled :

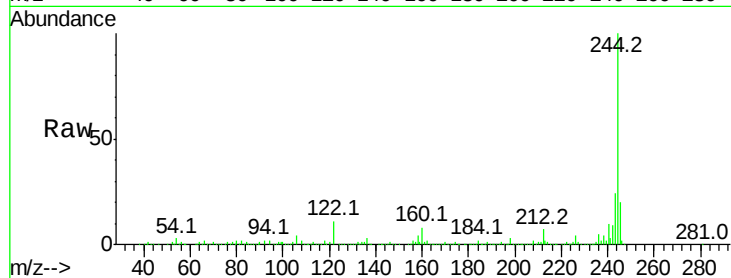
Tot Ion:244 Resp: 996889

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

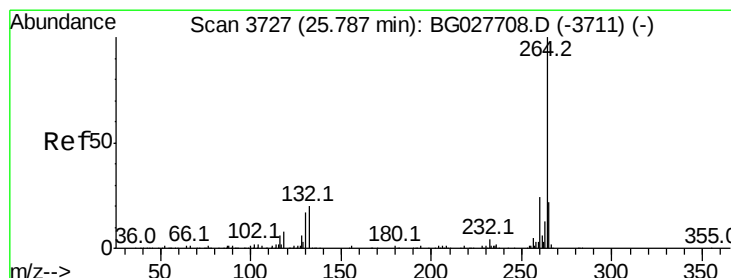
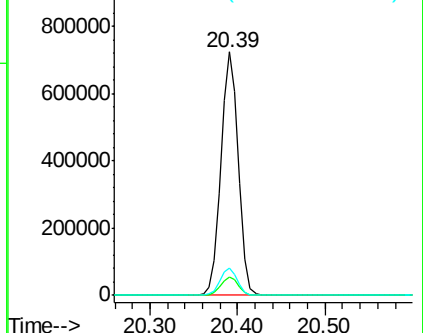
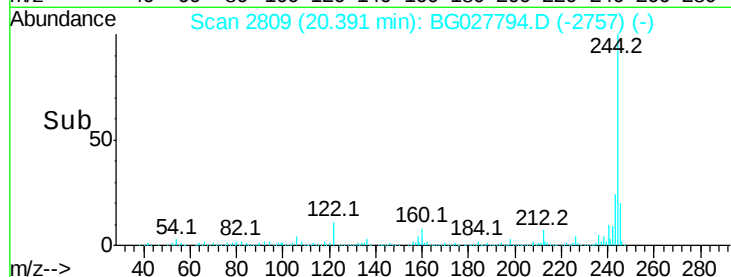
122 11.2 8.6 12.8



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. 0.00 min

Lab File: BG027794.D

Acq: 1 Jul 2017 22:02

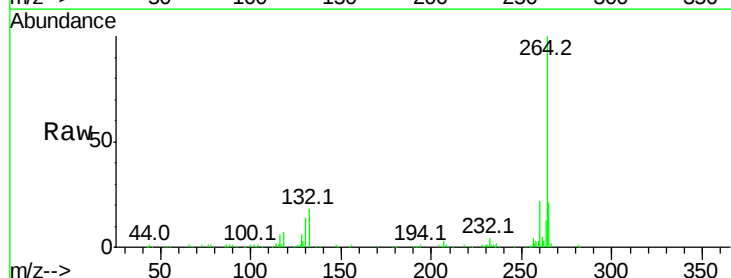
Tgt Ion:264 Resp: 237579

Ion Ratio Lower Upper

264 100

260 21.5 21.8 32.8#

265 21.1 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

