

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027781.D
 Acq On : 1 Jul 2017 13:12
 Operator : SJ/JU
 Sample : I3959-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 18:08:35 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

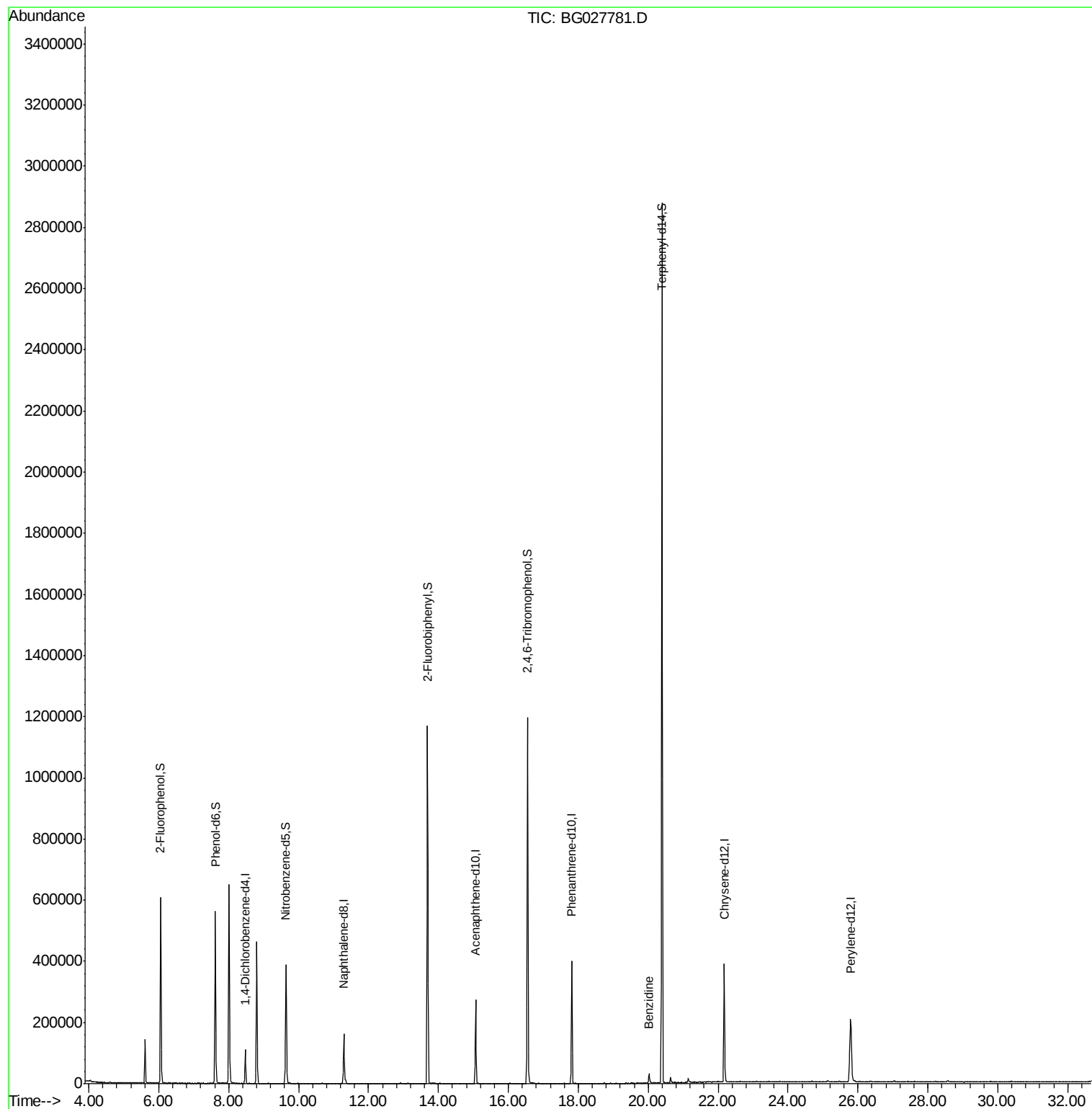
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	31852	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	148275	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	96909	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	256619	20.00	ng	0.00
75) Chrysene-d12	22.18	240	265797	20.00	ng	0.00
86) Perylene-d12	25.79	264	259900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	271649	131.33	ng	0.00
7) Phenol-d6	7.62	99	336160	106.38	ng	0.00
23) Nitrobenzene-d5	9.64	82	241490	90.78	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	238232	179.23	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	625615	92.20	ng	0.00
78) Terphenyl-d14	20.39	244	1248413	110.11	ng	0.00
Target Compounds						
76) Benzidine	20.02	184	30788	7.76	ng	Qvalue 98

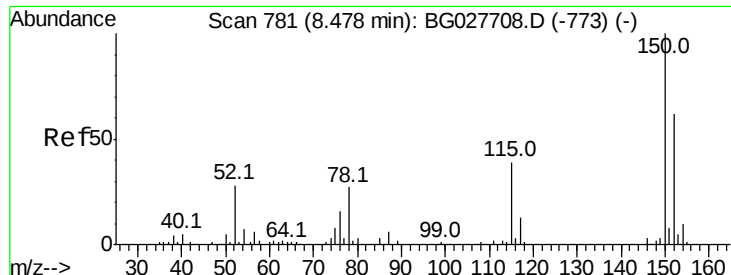
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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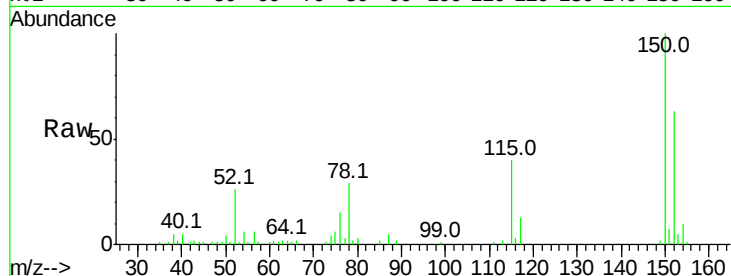


#1

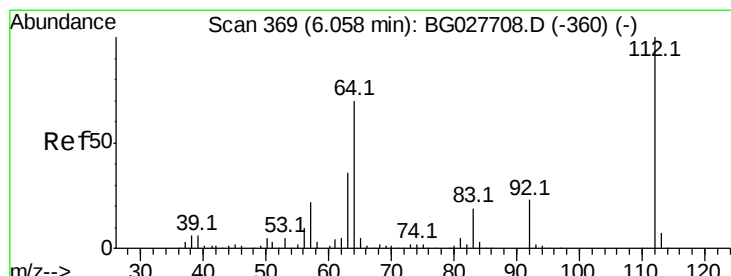
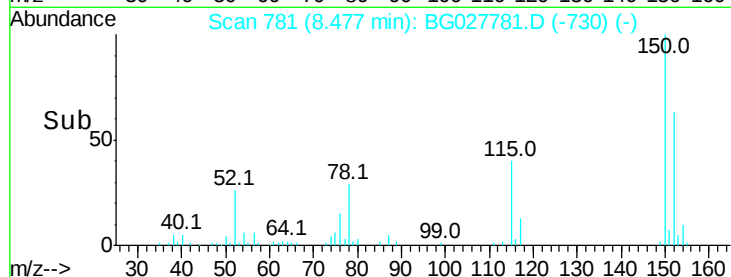
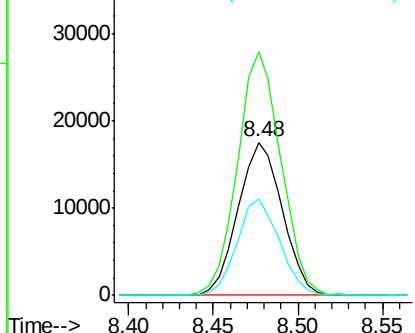
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027781.D
Acq: 1 Jul 2017 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31852
Ion Ratio Lower Upper
152 100
150 159.0 114.0 171.0
115 62.8 48.1 72.1



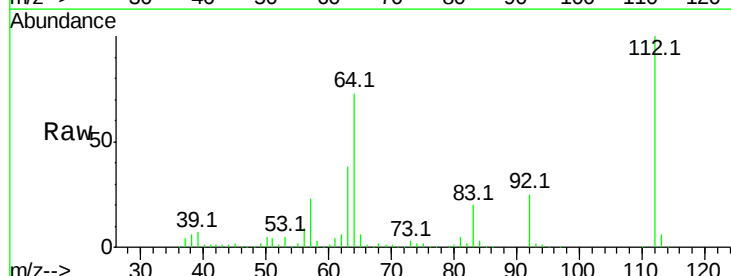
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



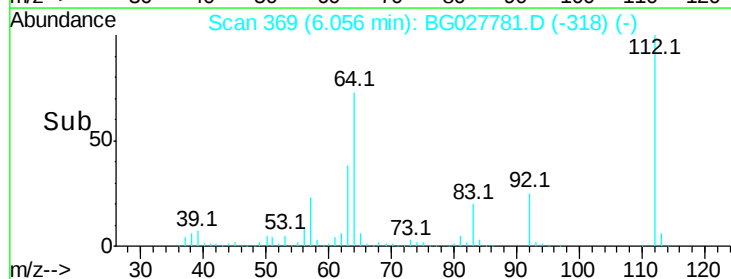
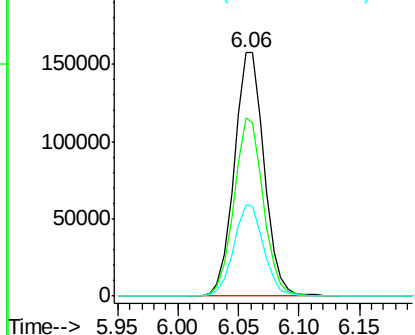
#5

2-Fluorophenol
Concen: 131.33 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027781.D
Acq: 1 Jul 2017 13:12

Tgt Ion:112 Resp: 271649
Ion Ratio Lower Upper
112 100
64 73.2 61.8 92.6
63 37.8 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: 106.38 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027781.D

Acq: 1 Jul 2017 13:12

Instrument :

BNA_G

ClientSampleId :

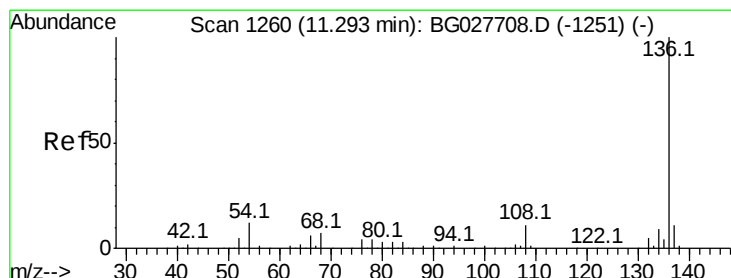
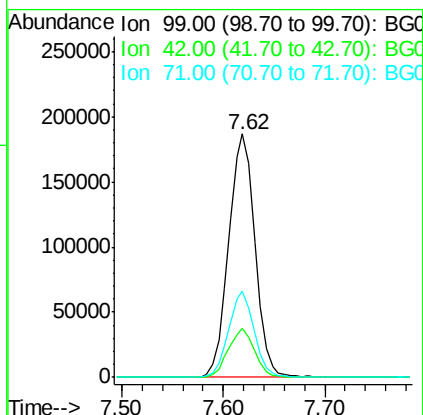
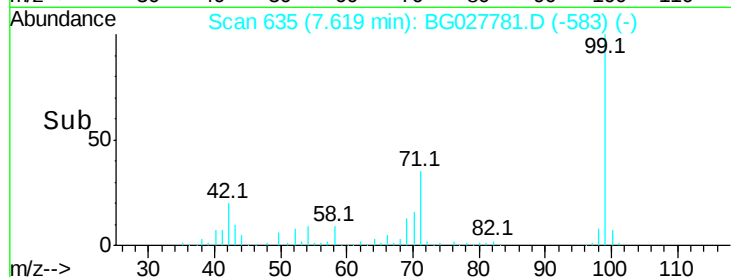
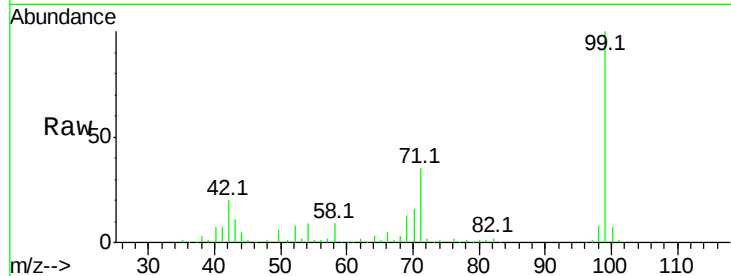
Tot Ion: 99 Resp: 336160

Ion Ratio Lower Upper

99 100

42 20.0 20.5 30.7#

71 35.2 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027781.D

Acq: 1 Jul 2017 13:12

Tgt Ion: 136 Resp: 148275

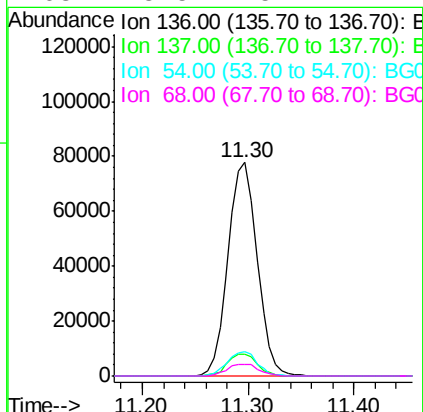
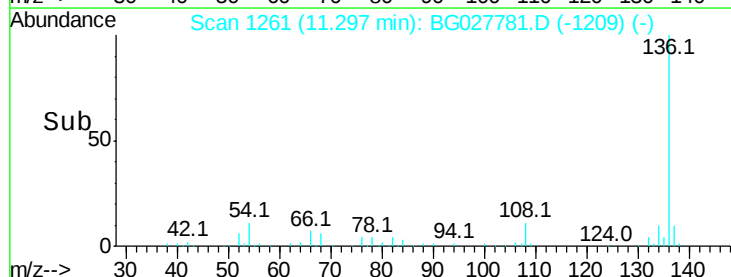
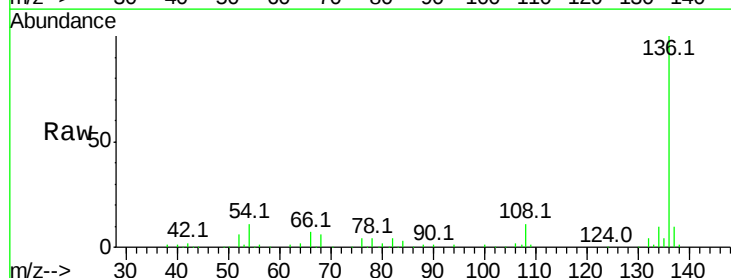
Ion Ratio Lower Upper

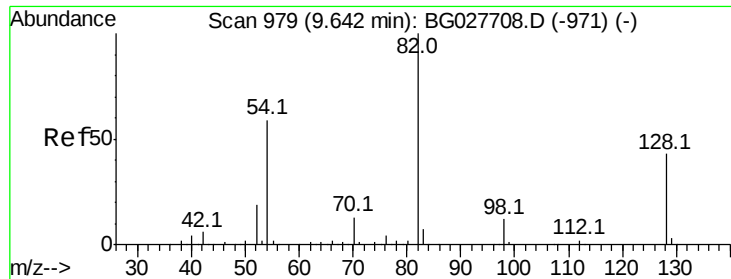
136 100

137 10.2 8.9 13.3

54 11.2 9.3 13.9

68 5.5 5.1 7.7

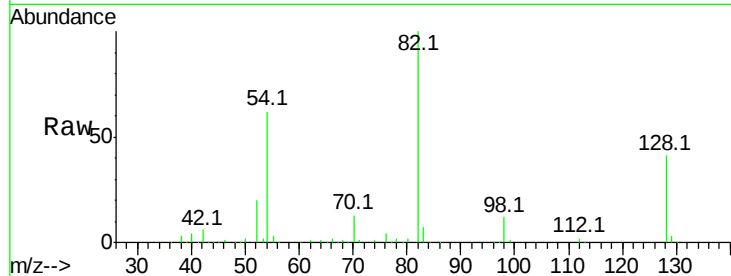




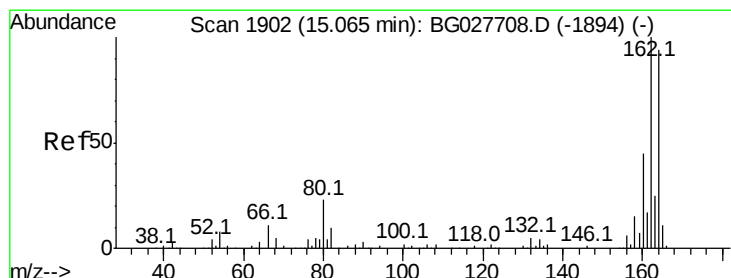
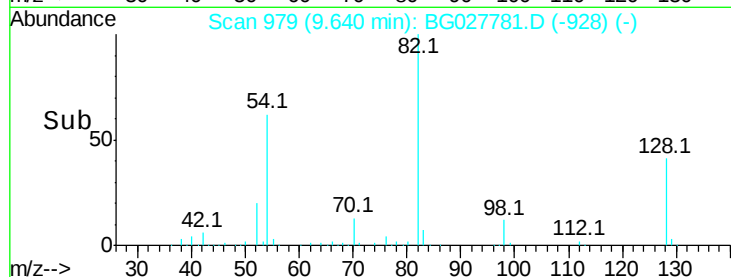
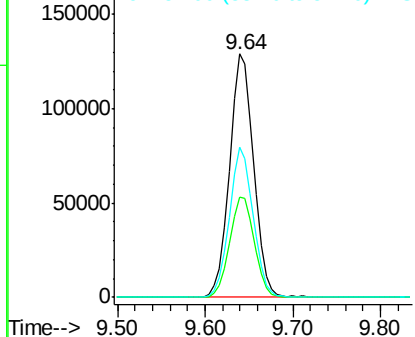
#23
Nitrobenzene-d5
Concen: 90.78 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027781.D
Acq: 1 Jul 2017 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 241490
Ion Ratio Lower Upper
82 100
128 41.0 26.4 39.6#
54 61.6 49.4 74.2

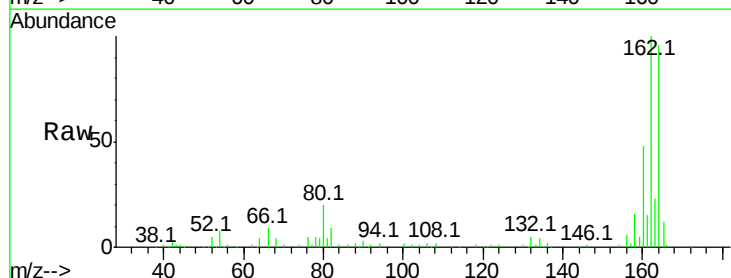


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

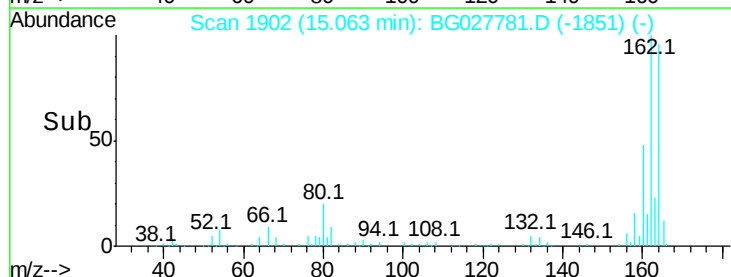
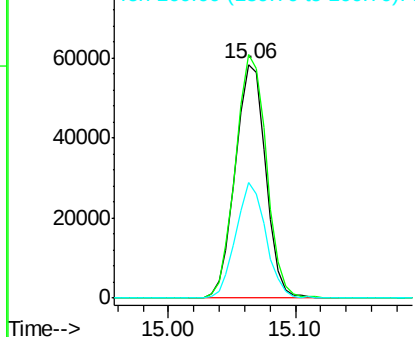


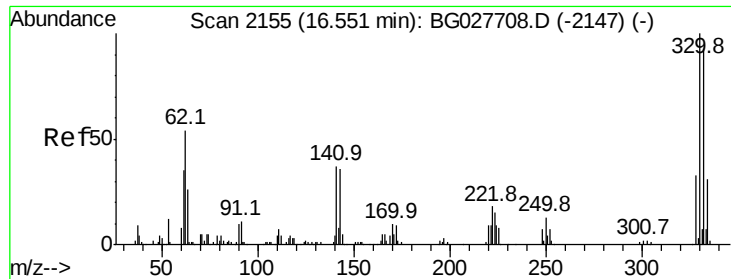
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027781.D
Acq: 1 Jul 2017 13:12

Tgt Ion:164 Resp: 96909
Ion Ratio Lower Upper
164 100
162 104.0 85.1 127.7
160 49.5 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

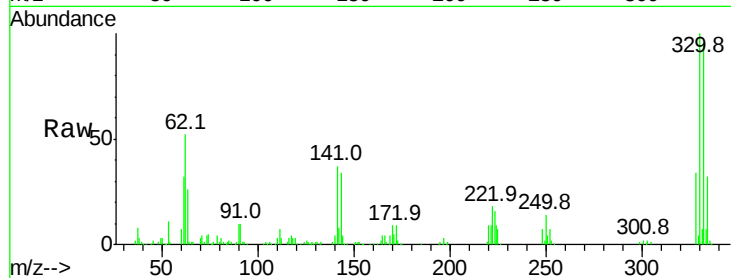




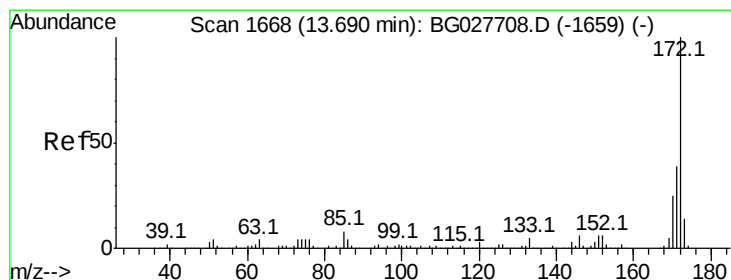
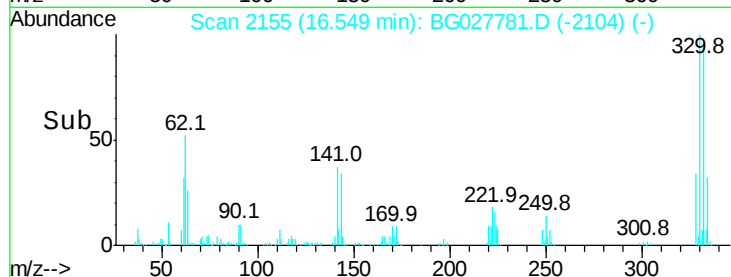
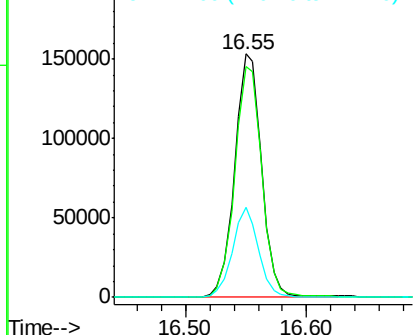
#41
 2,4,6-Tribromophenol
 Concen: 179.23 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027781.D
 Acq: 1 Jul 2017 13:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	35.9	32.1	48.1

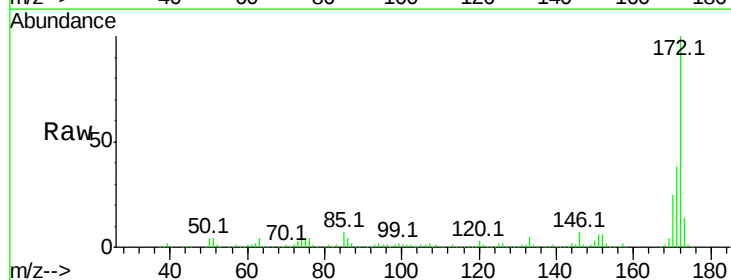


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

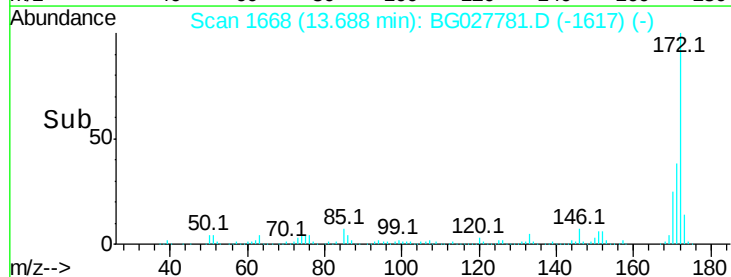
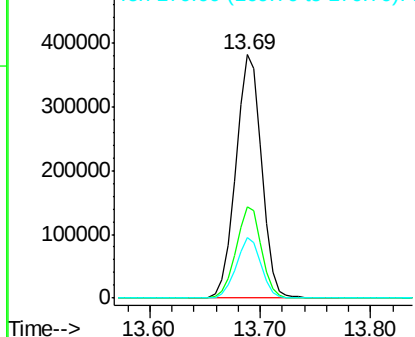


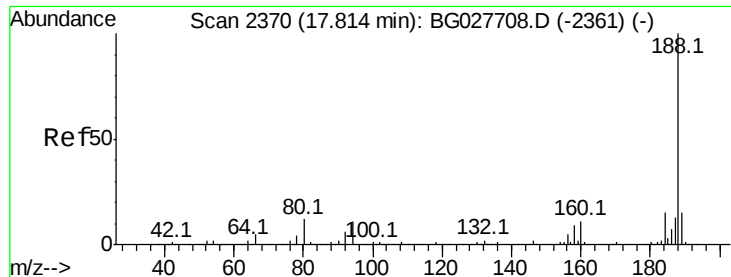
#44
 2-Fluorobiphenyl
 Concen: 92.20 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027781.D
 Acq: 1 Jul 2017 13:12

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

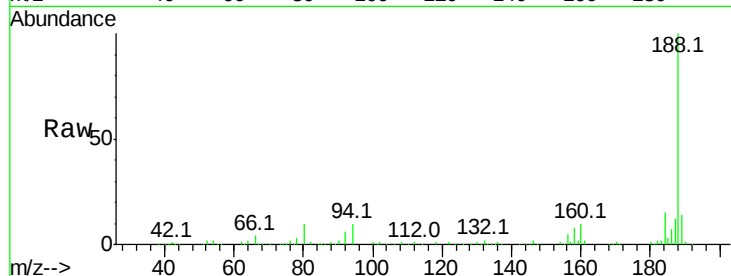




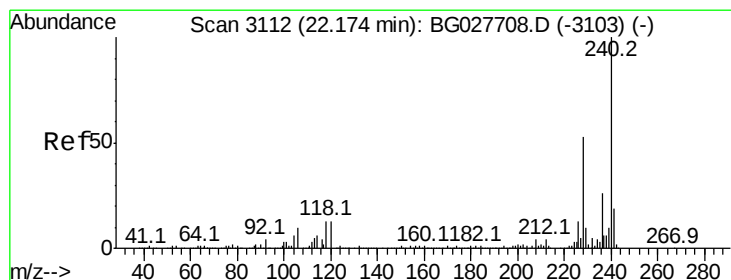
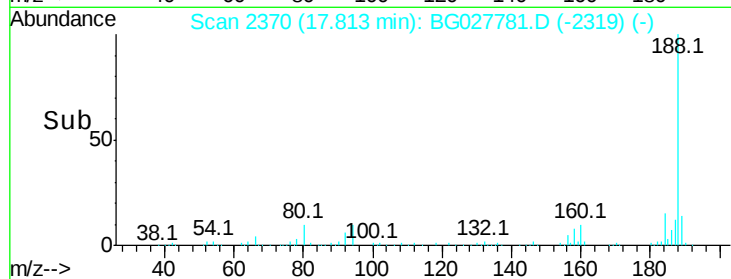
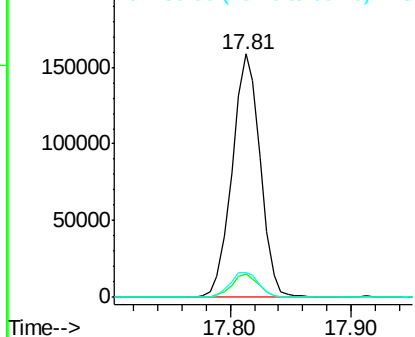
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027781.D
Acq: 1 Jul 2017 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 256619
Ion Ratio Lower Upper
188 100
94 9.5 5.8 8.8#
80 10.3 7.5 11.3

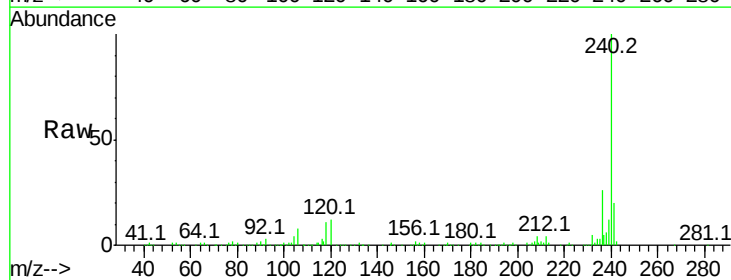


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

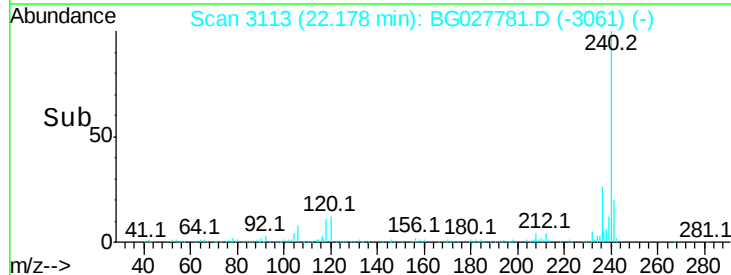
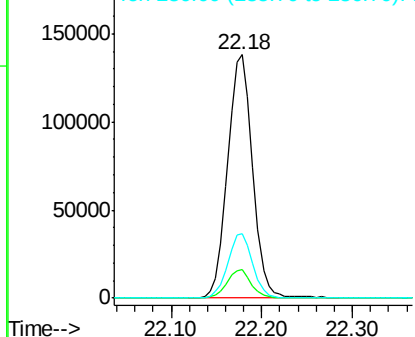


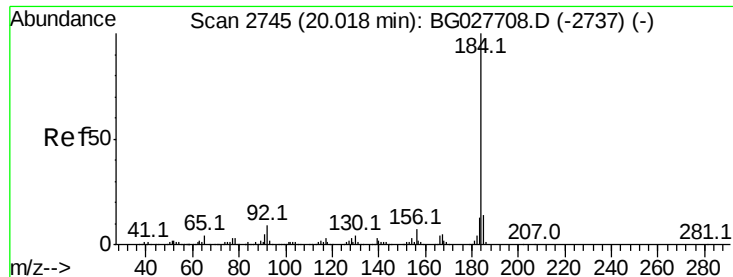
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BG027781.D
Acq: 1 Jul 2017 13:12

Tgt Ion:240 Resp: 265797
Ion Ratio Lower Upper
240 100
120 11.5 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: 7.76 ng

RT: 20.02 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BG027781.D

Acq: 1 Jul 2017 13:12

Instrument :

BNA_G

ClientSampleId :

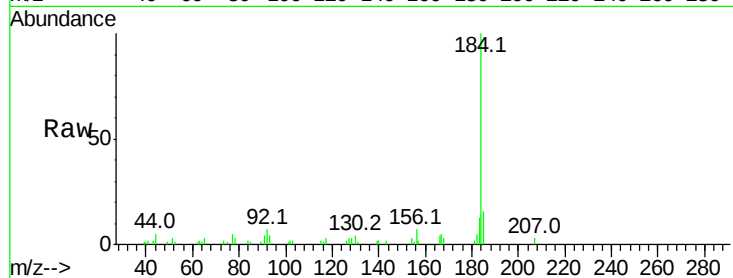
Tot Ion:184 Resp: 30788

Ion Ratio Lower Upper

184 100

185 16.1 13.0 19.6

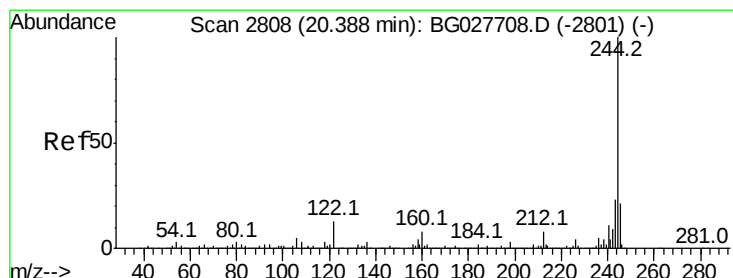
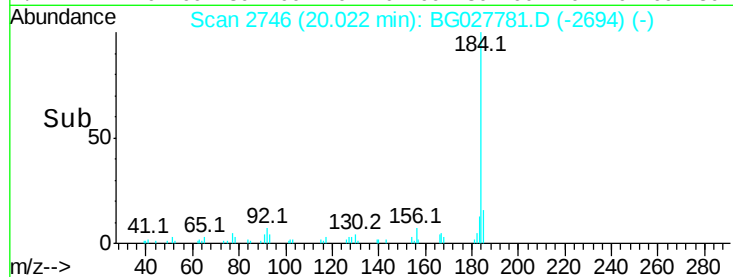
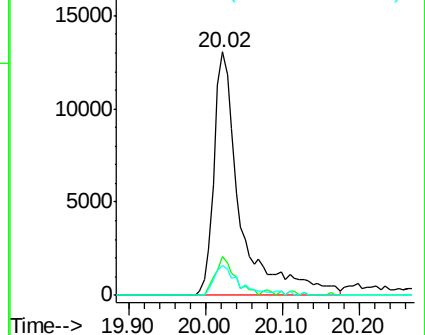
183 12.5 11.0 16.6



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: 110.11 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027781.D

Acq: 1 Jul 2017 13:12

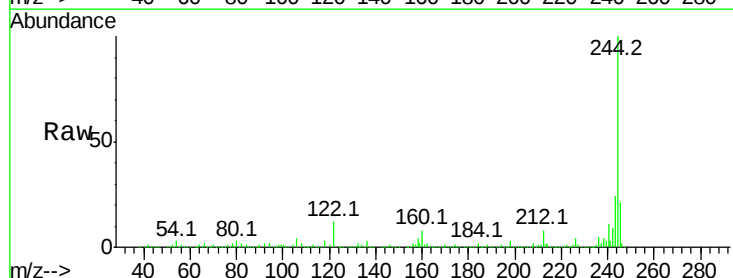
Tgt Ion:244 Resp: 1248413

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

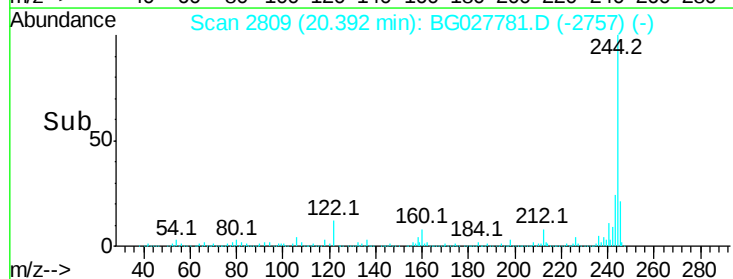
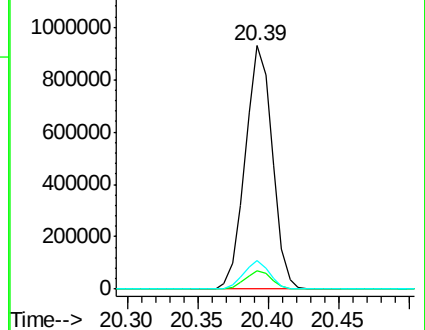
122 11.6 8.6 12.8

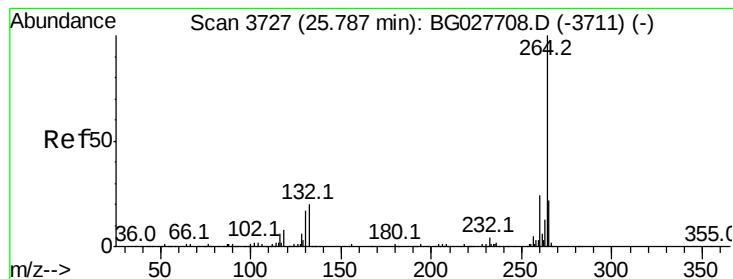


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.79 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BG027781.D

Acq: 1 Jul 2017 13:12

Instrument :

BNA_G

ClientSampleId :

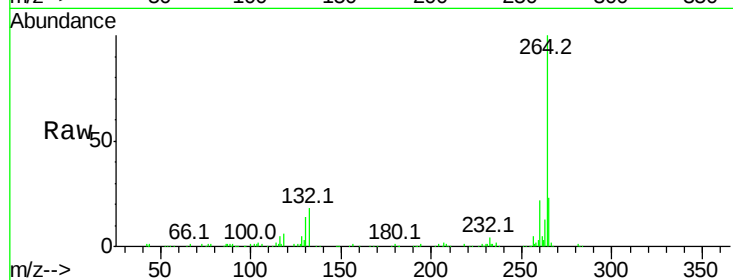
Tot Ion:264 Resp: 259900

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 23.2 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

