

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070217\
 Data File : BG027827.D
 Acq On : 2 Jul 2017 20:31
 Operator : SJ/JU
 Sample : I4031-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 08:08:44 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

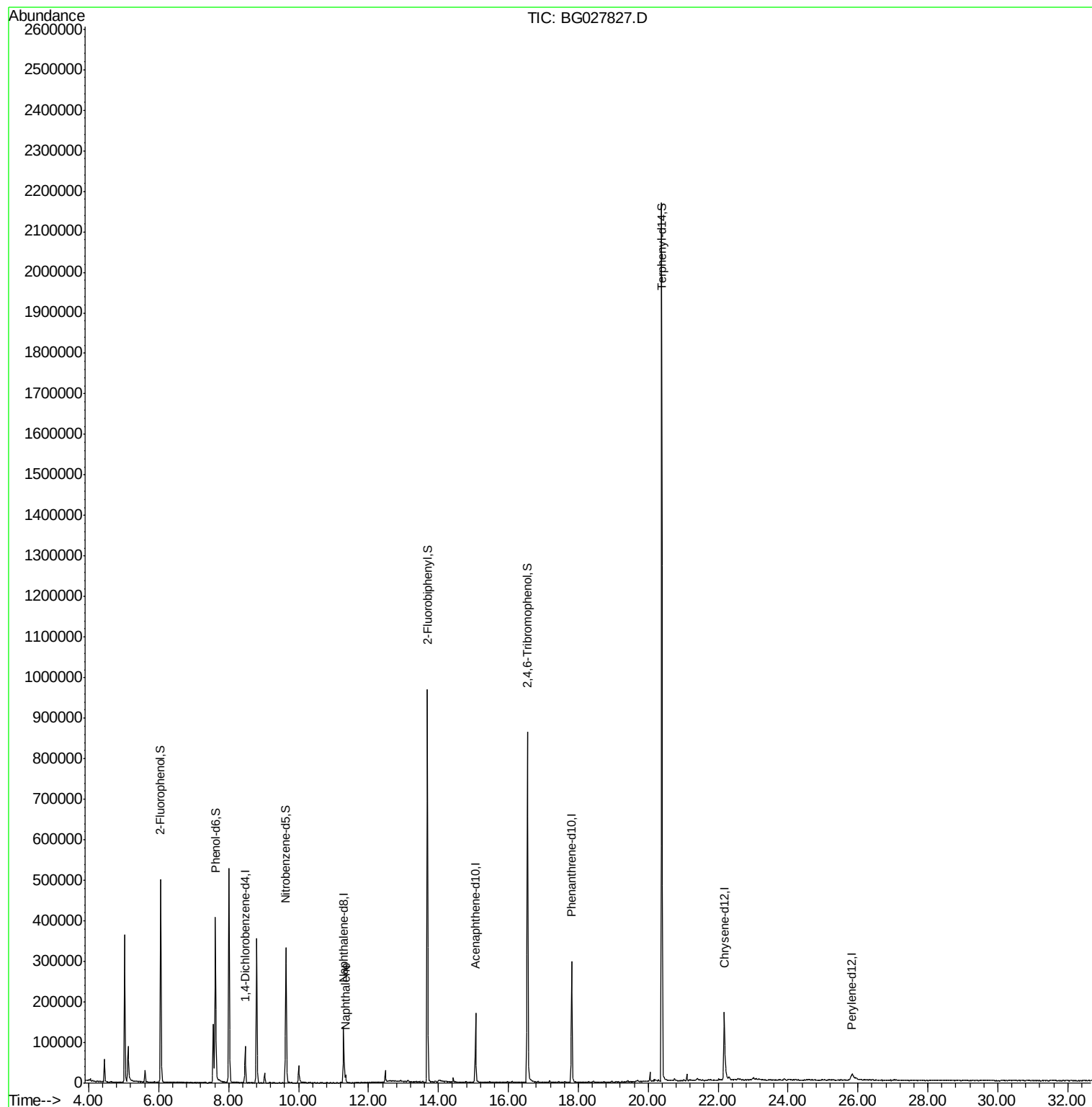
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	26374	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	122580	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	56630	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	196112	20.00	ng	0.00
75) Chrysene-d12	22.18	240	155351	20.00	ng	0.00
86) Perylene-d12	25.83	264	20248	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	221480	129.32	ng	0.00
7) Phenol-d6	7.62	99	234130	89.48	ng	0.00
23) Nitrobenzene-d5	9.64	82	201548	91.65	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	194400	250.28	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	518898	130.86	ng	0.00
78) Terphenyl-d14	20.39	244	992614	149.79	ng	0.00
Target Compounds						
31) Naphthalene	11.34	128	18010	2.76	ng	Qvalue 97

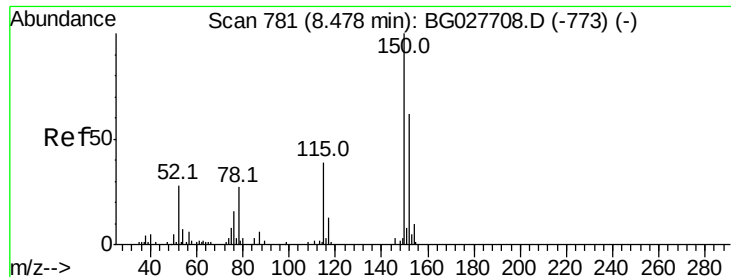
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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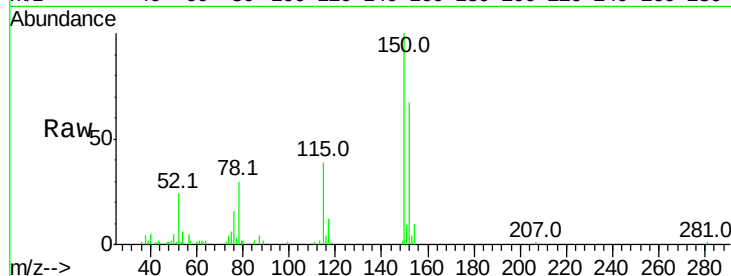


#1

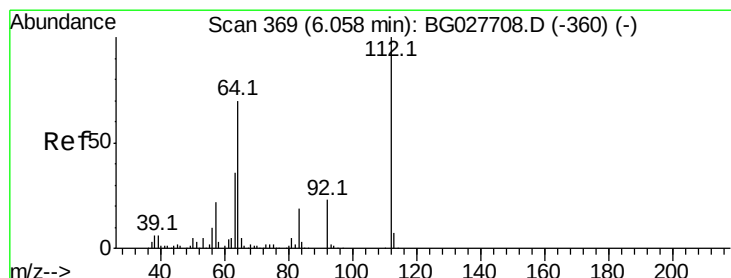
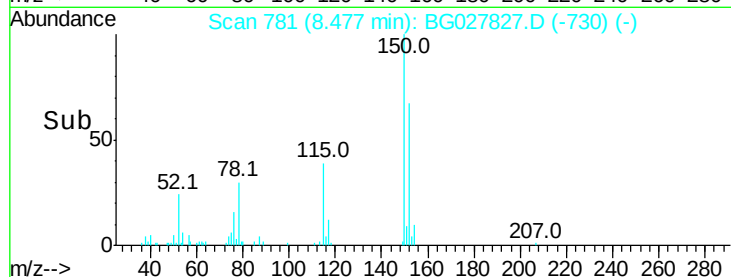
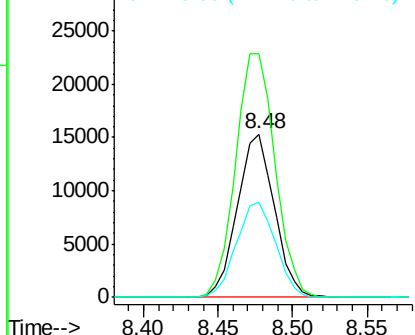
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027827.D
Acq: 2 Jul 2017 20:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26374
Ion Ratio Lower Upper
152 100
150 149.0 114.0 171.0
115 58.4 48.1 72.1



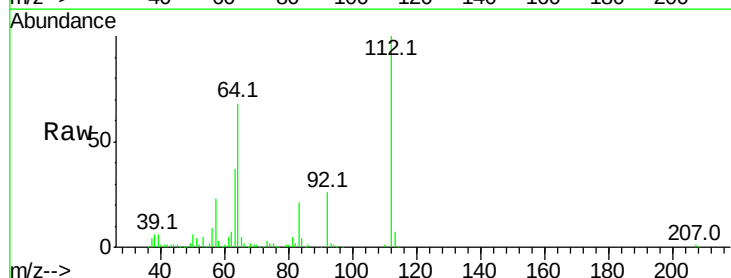
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



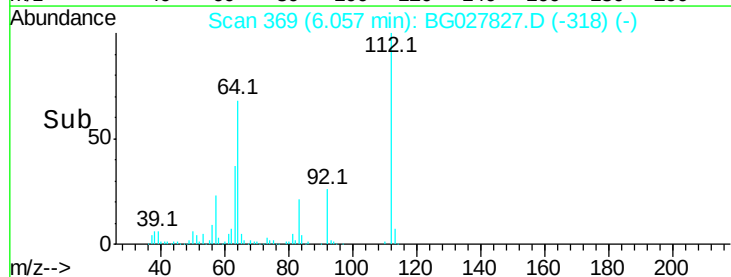
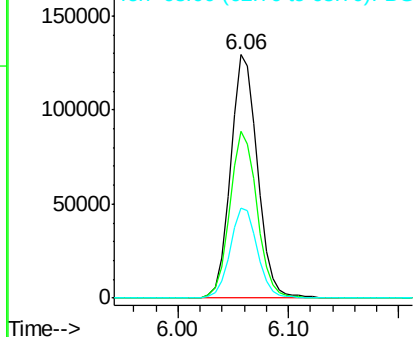
#5

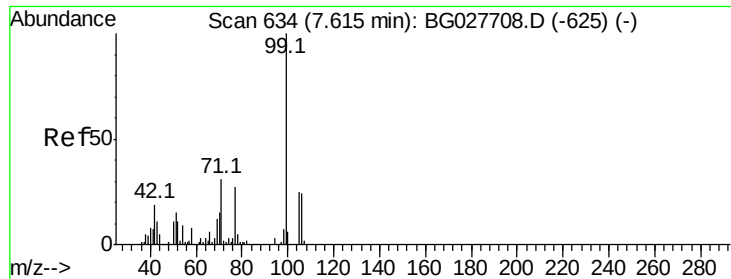
2-Fluorophenol
Concen: 129.32 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027827.D
Acq: 2 Jul 2017 20:31

Tgt Ion:112 Resp: 221480
Ion Ratio Lower Upper
112 100
64 68.4 61.8 92.6
63 37.1 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 89.48 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027827.D

Acq: 2 Jul 2017 20:31

Instrument :

BNA_G

ClientSampleId :

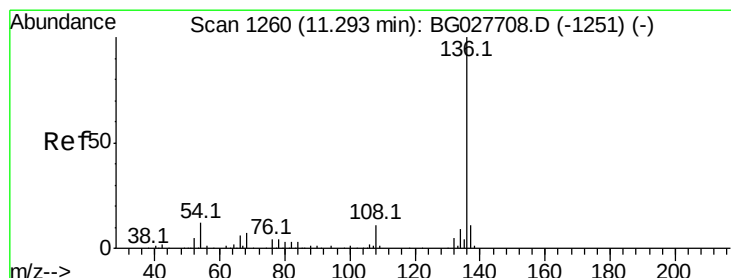
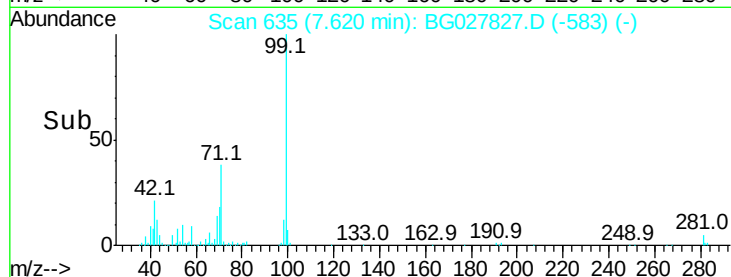
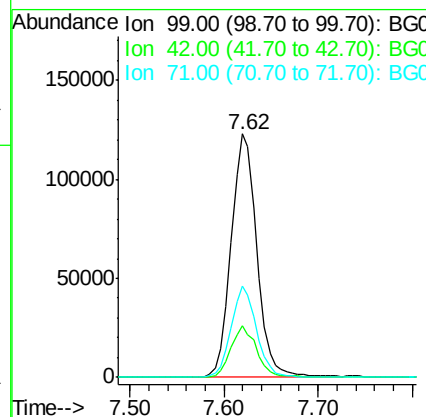
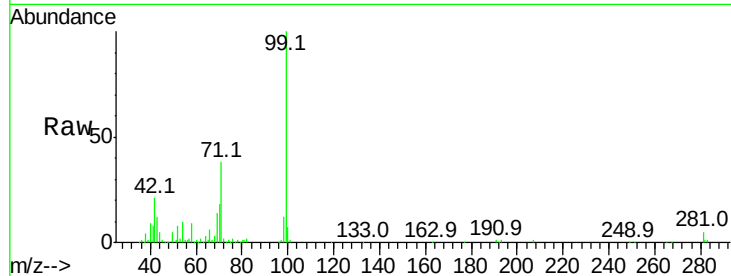
Tot Ion: 99 Resp: 234130

Ion Ratio Lower Upper

99 100

42 21.0 20.5 30.7

71 37.7 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027827.D

Acq: 2 Jul 2017 20:31

Tgt Ion: 136 Resp: 122580

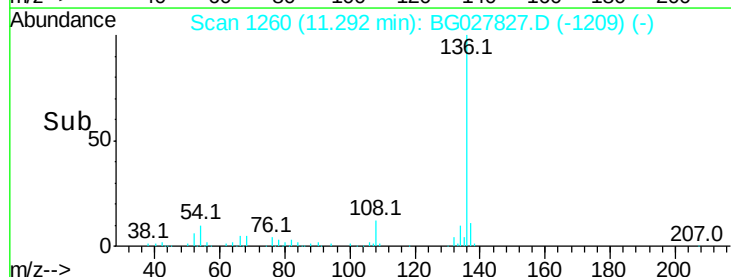
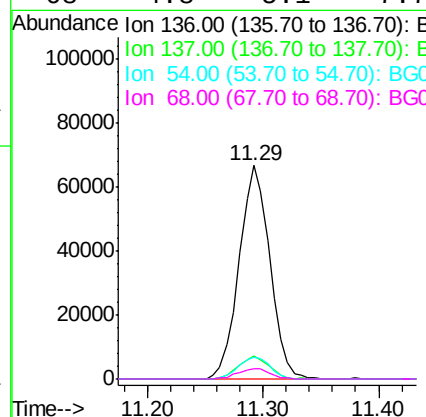
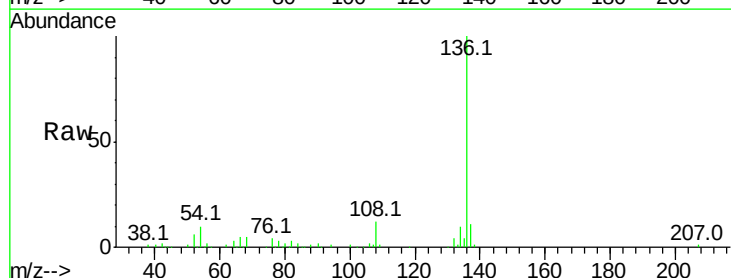
Ion Ratio Lower Upper

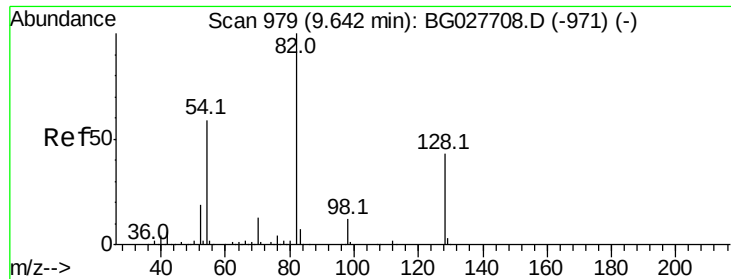
136 100

137 11.1 8.9 13.3

54 10.2 9.3 13.9

68 4.8 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 91.65 ng

RT: 9.64 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG027827.D

Acq: 2 Jul 2017 20:31

Instrument :

BNA_G

ClientSampled :

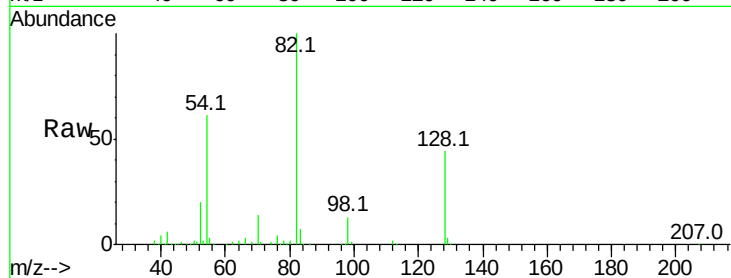
Tot Ion: 82 Resp: 201548

Ion Ratio Lower Upper

82 100

128 44.2 26.4 39.6#

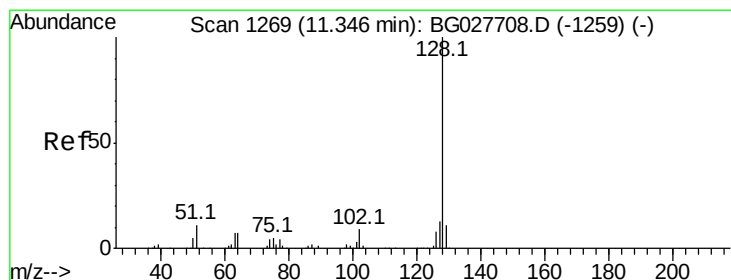
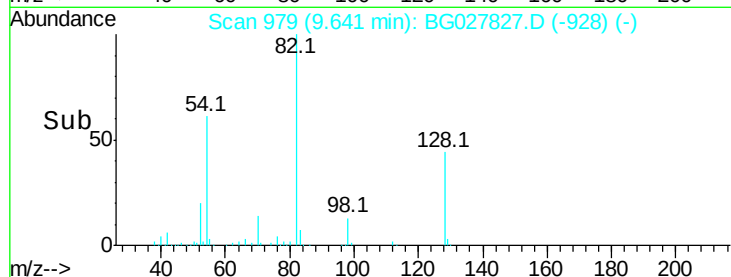
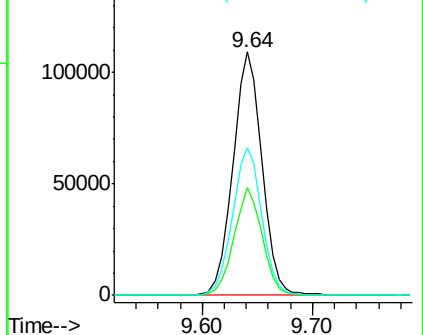
54 60.5 49.4 74.2



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



#31

Naphthalene

Concen: 2.76 ng

RT: 11.34 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BG027827.D

Acq: 2 Jul 2017 20:31

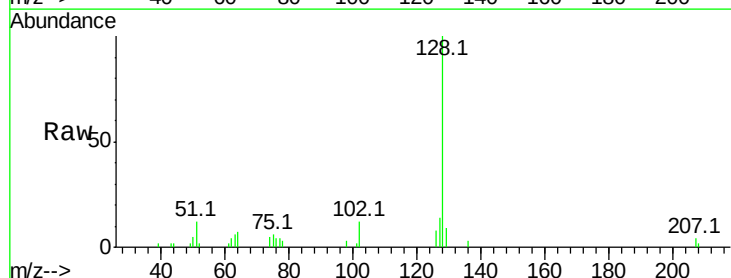
Tgt Ion:128 Resp: 18010

Ion Ratio Lower Upper

128 100

129 9.4 9.3 13.9

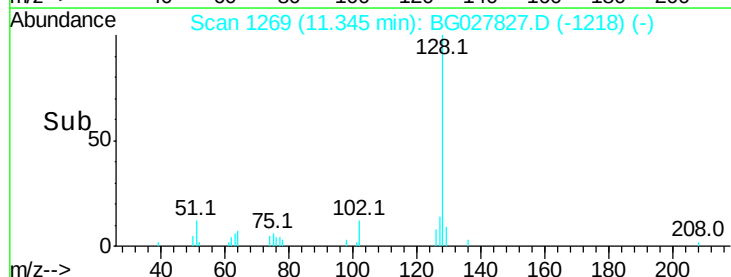
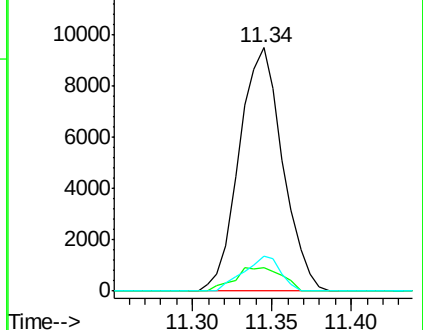
127 14.3 11.4 17.0

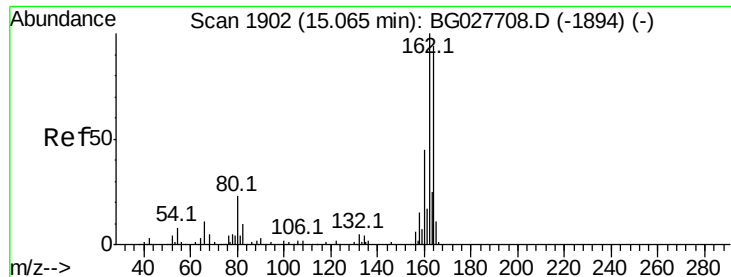


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.06 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG027827.D

Acq: 2 Jul 2017 20:31

Instrument :

BNA_G

ClientSampleId :

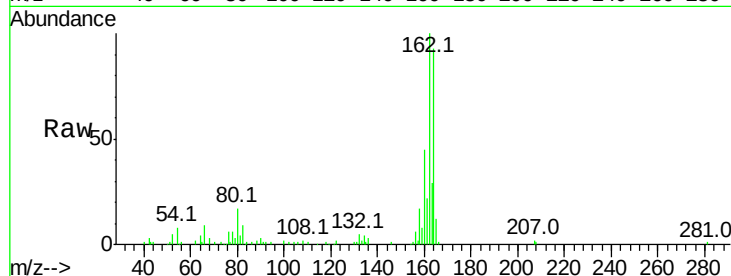
Tot Ion:164 Resp: 56630

Ion Ratio Lower Upper

164 100

162 107.1 85.1 127.7

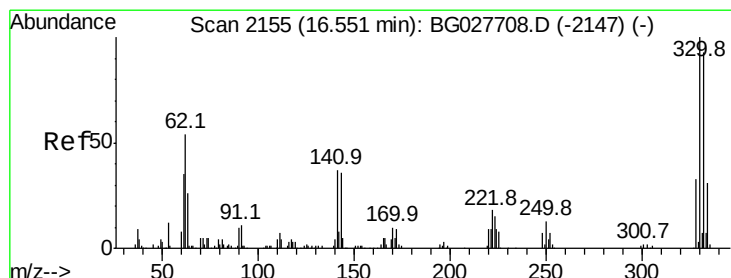
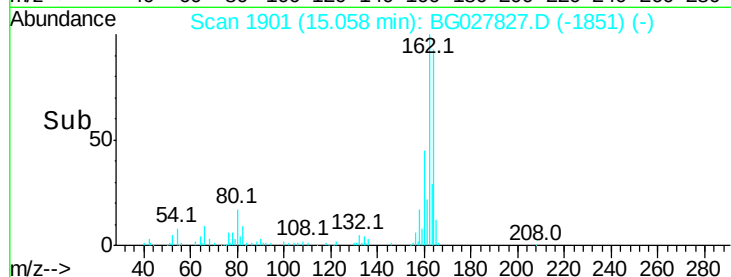
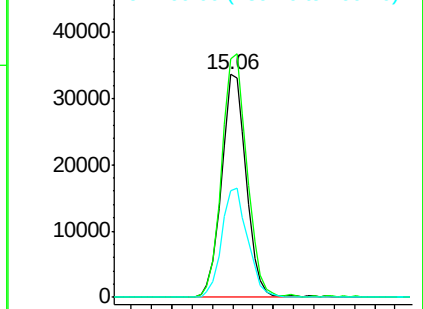
160 47.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 250.28 ng

RT: 16.55 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG027827.D

Acq: 2 Jul 2017 20:31

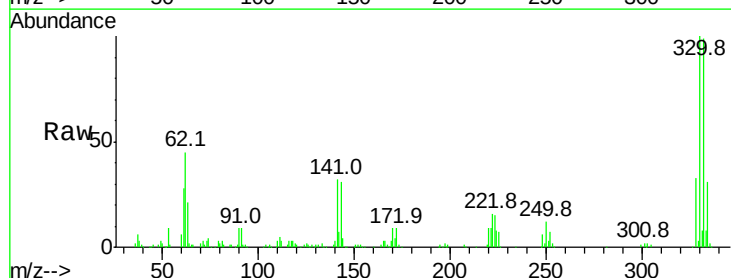
Tgt Ion:330 Resp: 194400

Ion Ratio Lower Upper

330 100

332 98.8 77.3 115.9

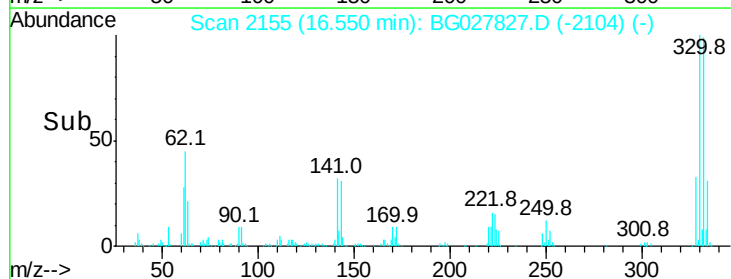
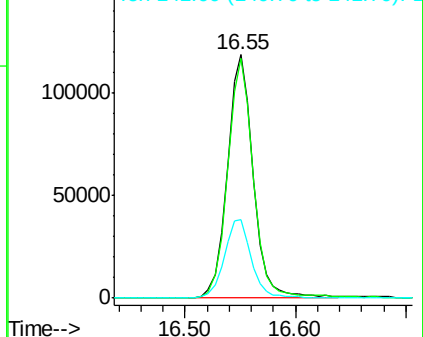
141 34.0 32.1 48.1

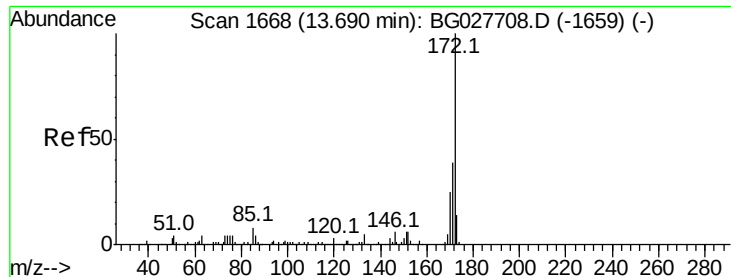


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

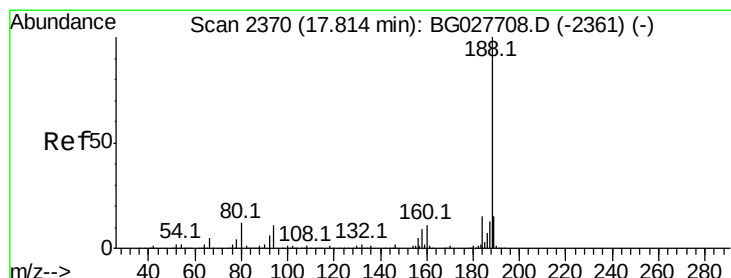
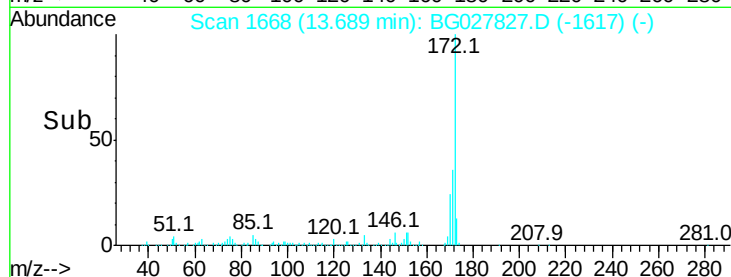
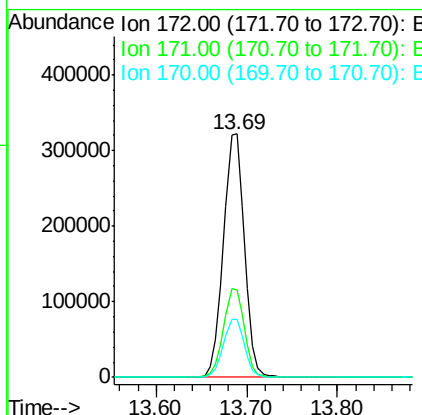
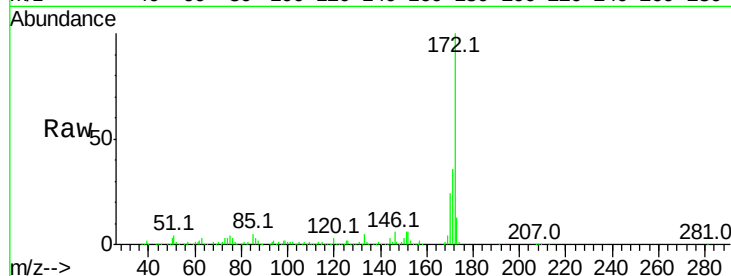




#44
2-Fluorobiphenyl
Concen: 130.86 ng
RT: 13.69 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG027827.D
Acq: 2 Jul 2017 20:31

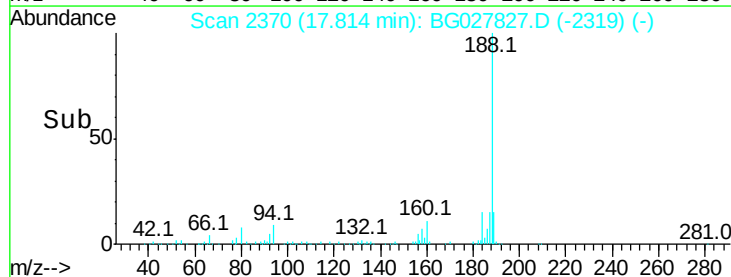
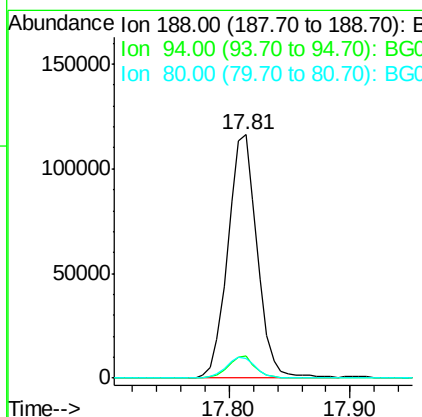
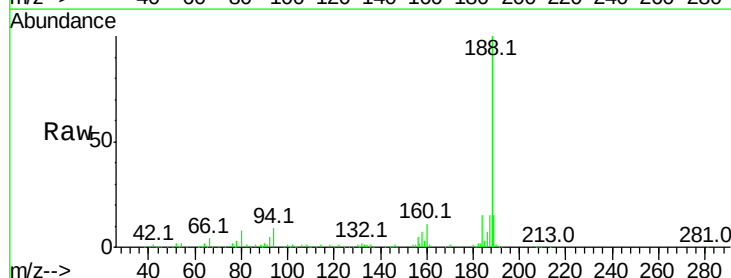
Instrument :
BNA_G
ClientSampleId :

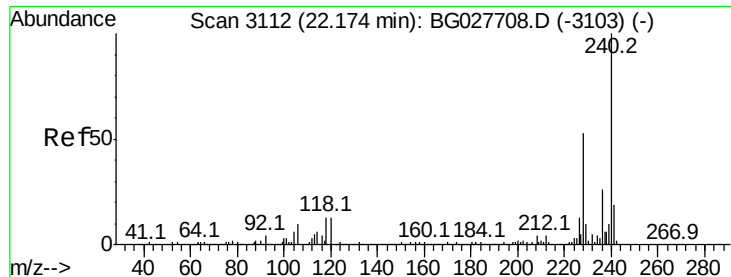
Tot Ion:172 Resp: 518898
Ion Ratio Lower Upper
172 100
171 36.0 32.2 48.2
170 23.7 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027827.D
Acq: 2 Jul 2017 20:31

Tgt Ion:188 Resp: 196112
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.8#
80 8.3 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.18 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BG027827.D

Acq: 2 Jul 2017 20:31

Instrument :

BNA_G

ClientSampleId :

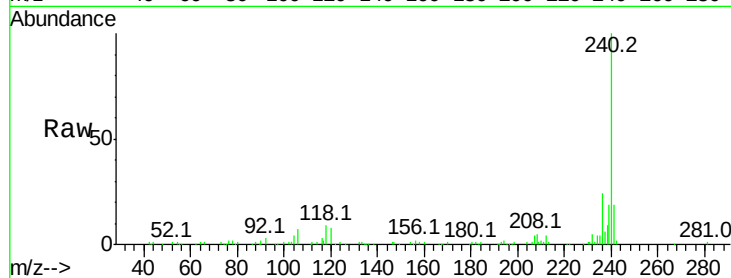
Tot Ion:240 Resp: 155351

Ion Ratio Lower Upper

240 100

120 8.3 5.7 8.5

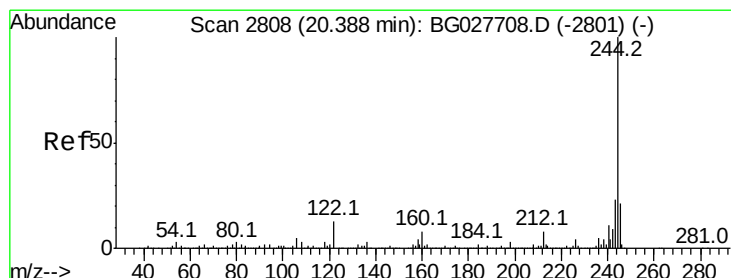
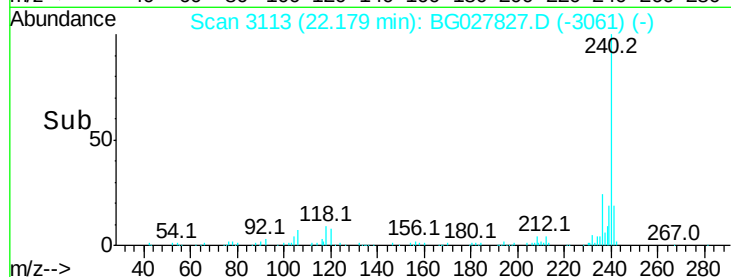
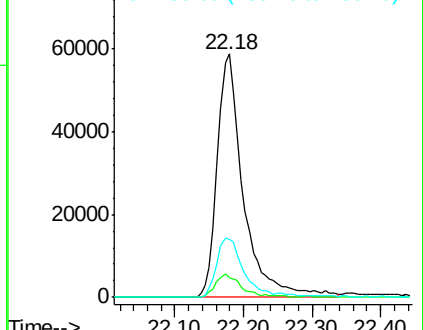
236 23.8 22.2 33.4



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: 149.79 ng

RT: 20.39 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG027827.D

Acq: 2 Jul 2017 20:31

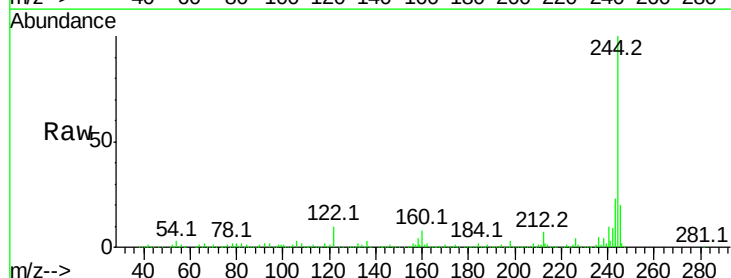
Tgt Ion:244 Resp: 992614

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

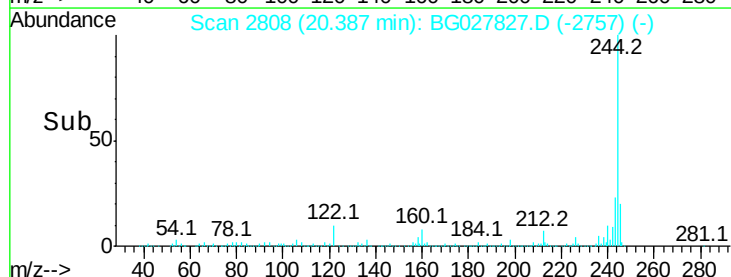
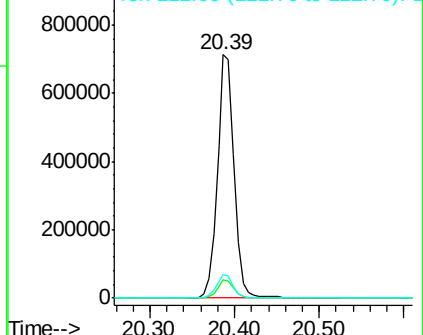
122 9.9 8.6 12.8

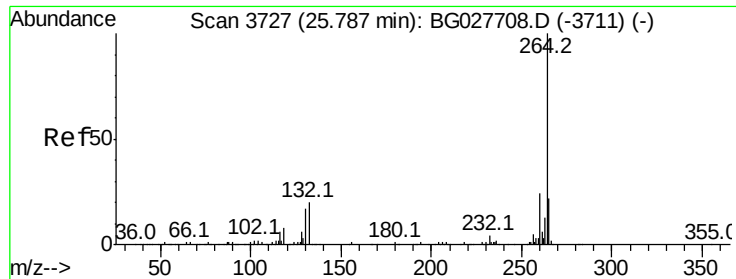


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

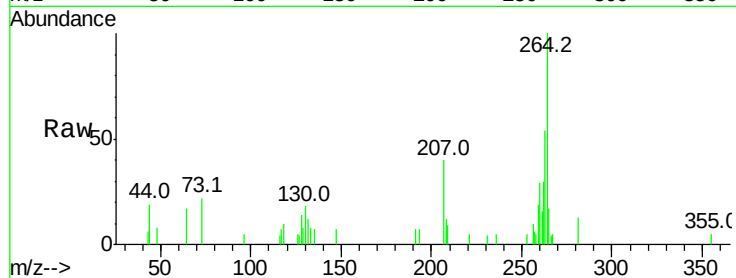




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.83 min Scan# 3735
Delta R.T. 0.05 min
Lab File: BG027827.D
Acq: 2 Jul 2017 20:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	28.9	21.8	32.8
265	17.2	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

