

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070217\
 Data File : BG027819.D
 Acq On : 2 Jul 2017 15:14
 Operator : SJ/JU
 Sample : I3980-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-C-COMP

Quant Time: Jul 03 08:06:57 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

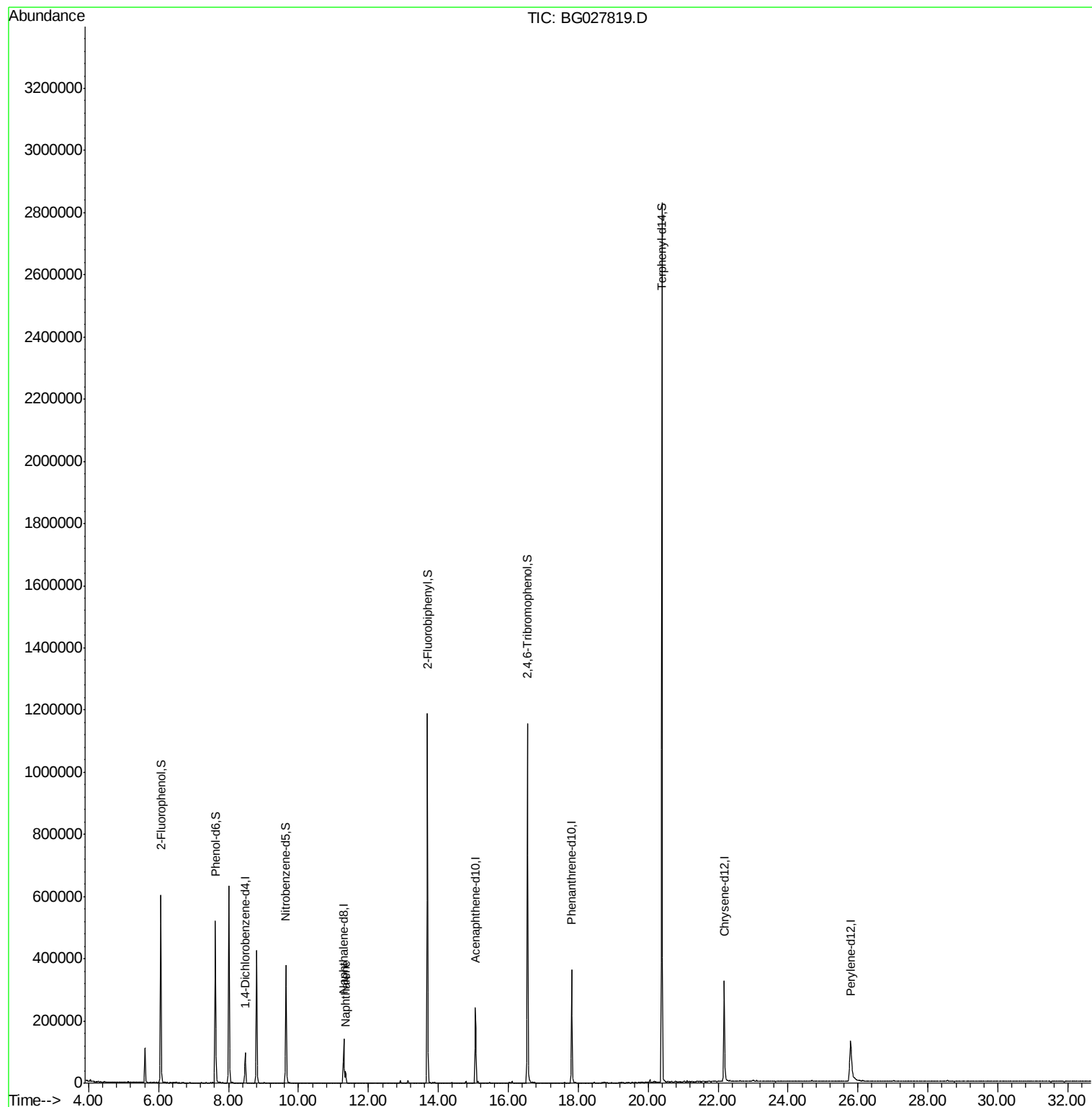
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	27676	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	135525	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	87570	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	234404	20.00	ng	0.00
75) Chrysene-d12	22.17	240	238269	20.00	ng	0.00
86) Perylene-d12	25.79	264	207455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	264373	147.10	ng	0.00
7) Phenol-d6	7.62	99	320604	116.77	ng	0.00
23) Nitrobenzene-d5	9.64	82	236615	97.32	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	251643	209.51	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	627289	102.30	ng	0.00
78) Terphenyl-d14	20.39	244	1244903	122.49	ng	0.00
Target Compounds						
31) Naphthalene	11.35	128	35751	4.960	ng	Qvalue 95

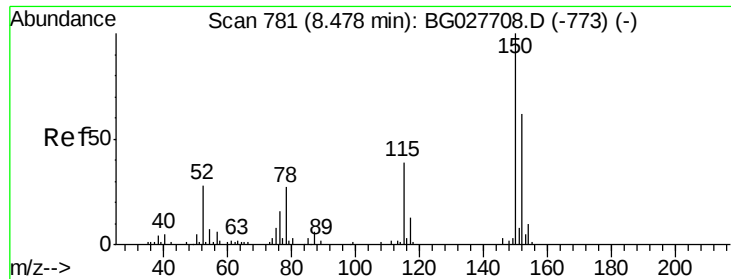
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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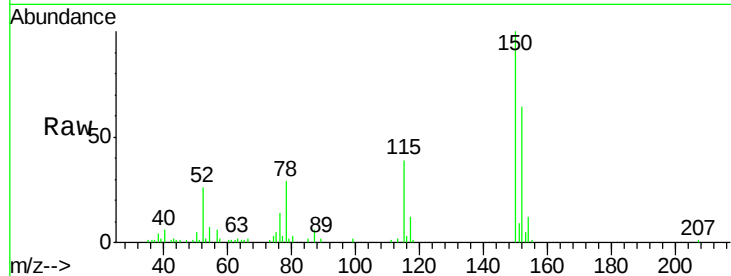


#1

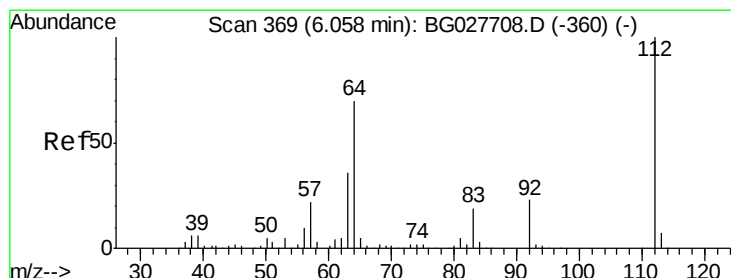
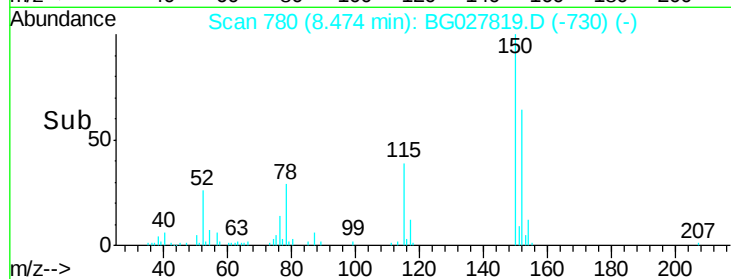
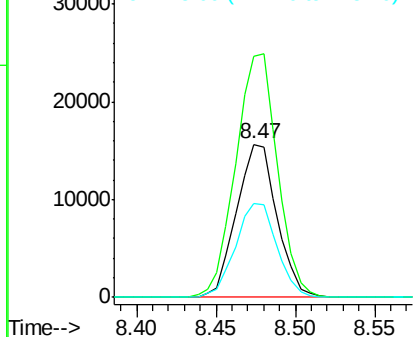
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.47 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG027819.D
Acq: 2 Jul 2017 15:14

Instrument :
BNA_G
ClientSampleId :
SP-C-COMP

Tgt Ion:152 Resp: 27676
Ion Ratio Lower Upper
152 100
150 157.1 114.0 171.0
115 60.8 48.1 72.1



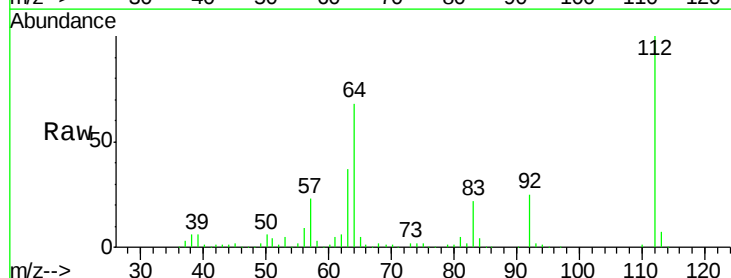
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



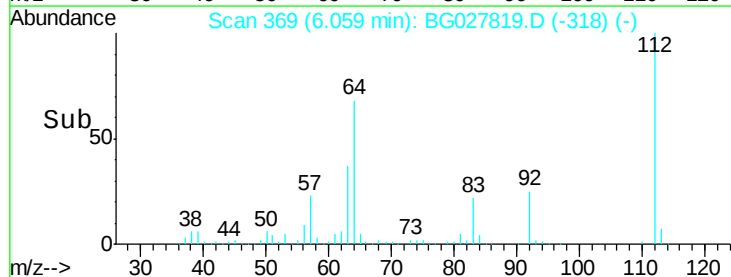
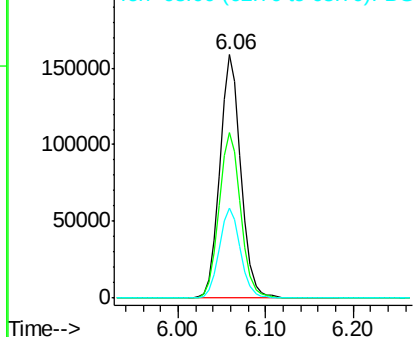
#5

2-Fluorophenol
Concen: 147.099 ng
RT: 6.06 min Scan# 369
Delta R.T. 0.00 min
Lab File: BG027819.D
Acq: 2 Jul 2017 15:14

Tgt Ion:112 Resp: 264373
Ion Ratio Lower Upper
112 100
64 67.7 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: 116.768 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027819.D

Acq: 2 Jul 2017 15:14

Instrument :

BNA_G

ClientSampleId :

SP-C-COMP

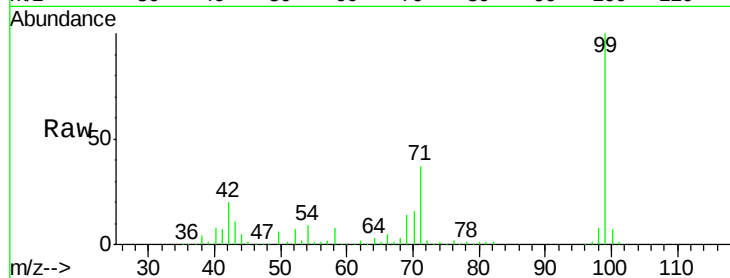
Tgt Ion: 99 Resp: 320604

Ion Ratio Lower Upper

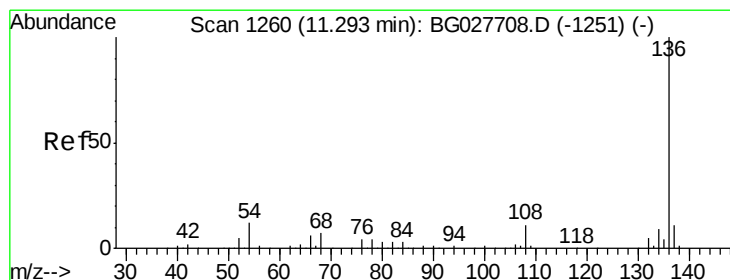
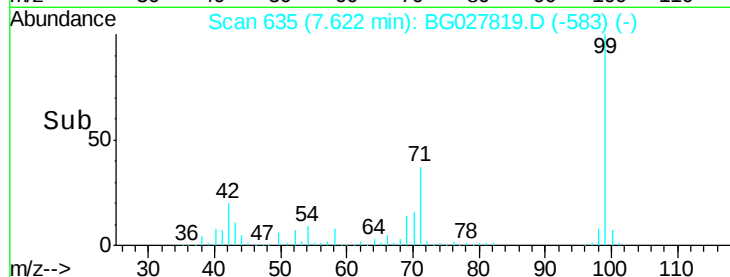
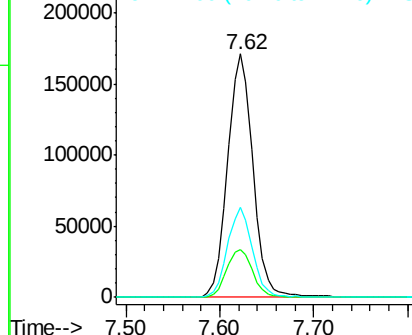
99 100

42 19.8 20.5 30.7#

71 37.2 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: BG027819.D

Acq: 2 Jul 2017 15:14

Tgt Ion: 136 Resp: 135525

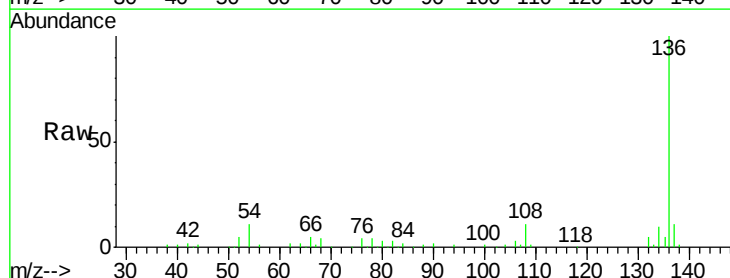
Ion Ratio Lower Upper

136 100

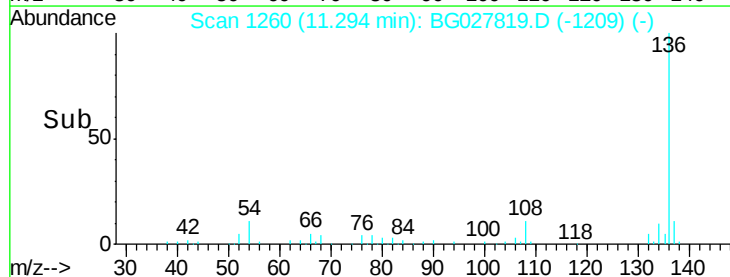
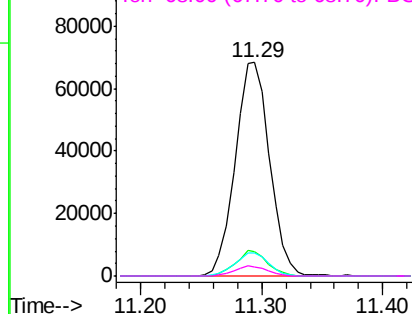
137 11.4 8.9 13.3

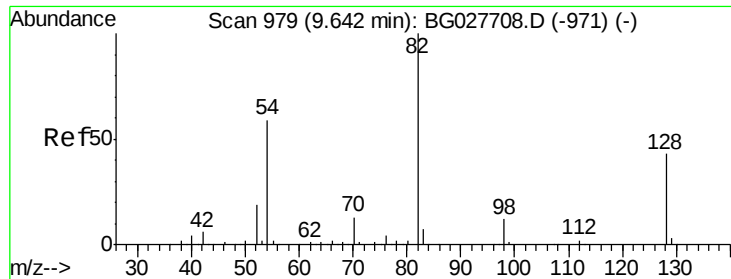
54 10.8 9.3 13.9

68 4.4 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

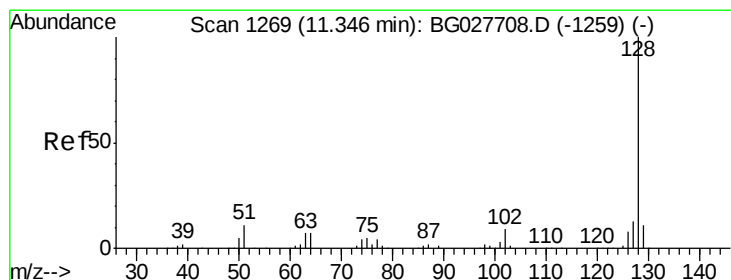
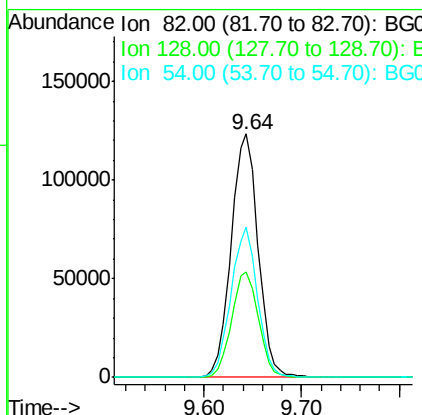
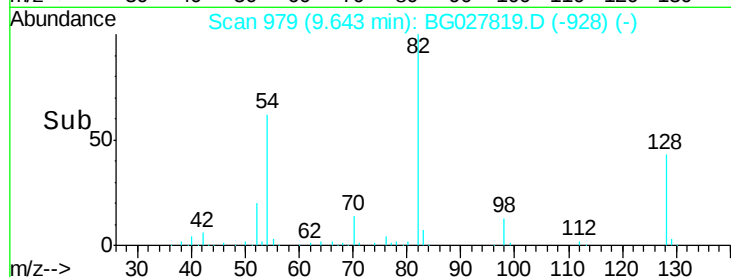
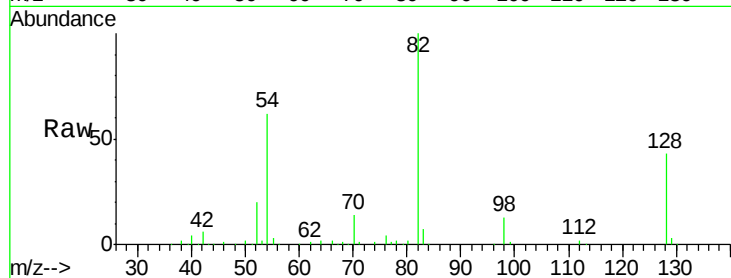




#23
Nitrobenzene-d5
Concen: 97.319 ng
RT: 9.64 min Scan# 979
Delta R.T. 0.00 min
Lab File: BG027819.D
Acq: 2 Jul 2017 15:14

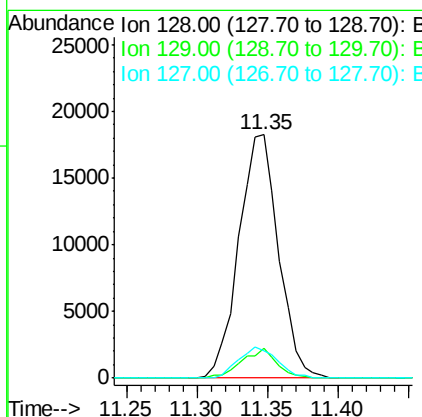
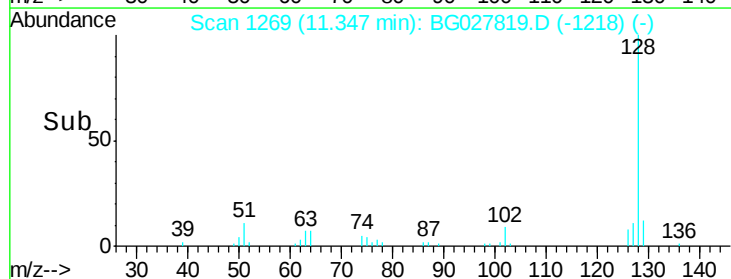
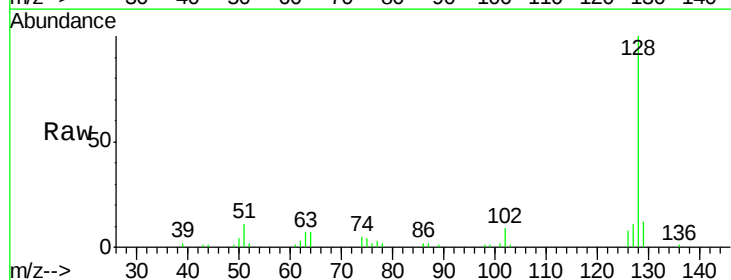
Instrument :
BNA_G
ClientSampleId :
SP-C-COMP

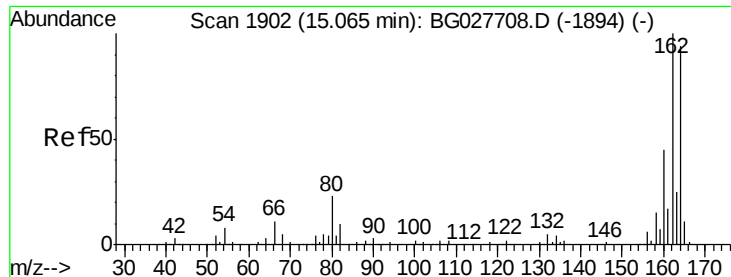
Tgt Ion: 82 Resp: 236615
Ion Ratio Lower Upper
82 100
128 43.3 26.4 39.6#
54 61.5 49.4 74.2



#31
Naphthalene
Concen: 4.960 ng
RT: 11.35 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG027819.D
Acq: 2 Jul 2017 15:14

Tgt Ion: 128 Resp: 35751
Ion Ratio Lower Upper
128 100
129 12.5 9.3 13.9
127 11.4 11.4 17.0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.06 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG027819.D

Acq: 2 Jul 2017 15:14

Instrument :

BNA_G

ClientSampleId :

SP-C-COMP

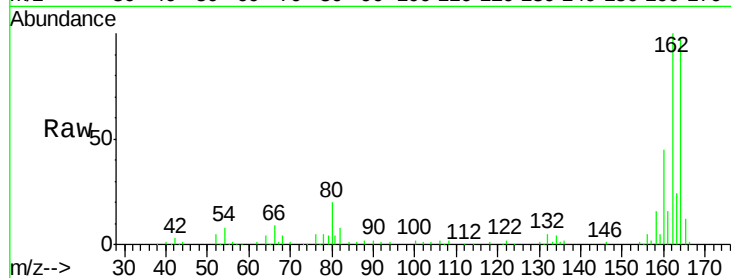
Tgt Ion:164 Resp: 87570

Ion Ratio Lower Upper

164 100

162 102.3 85.1 127.7

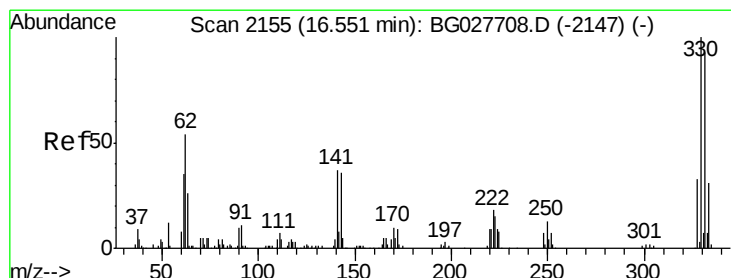
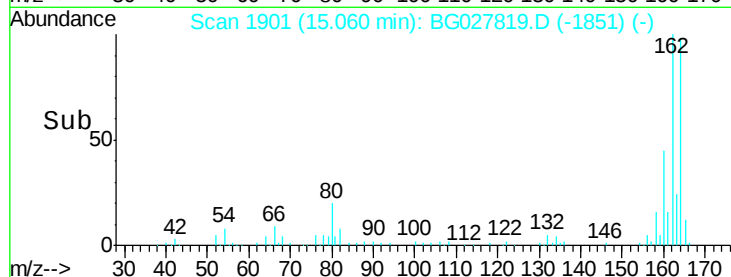
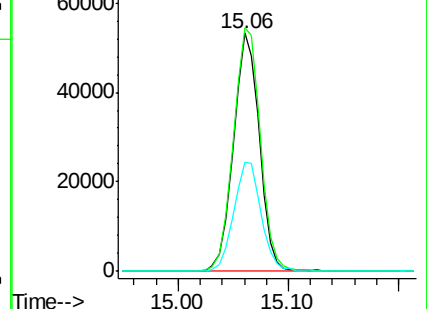
160 45.8 34.7 52.1



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: 209.507 ng

RT: 16.55 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG027819.D

Acq: 2 Jul 2017 15:14

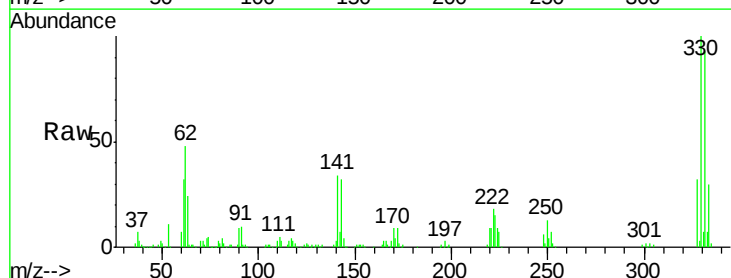
Tgt Ion:330 Resp: 251643

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

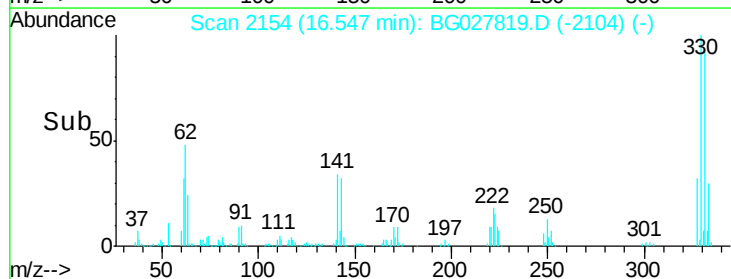
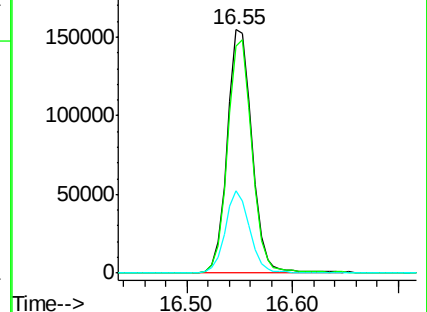
141 33.3 32.1 48.1

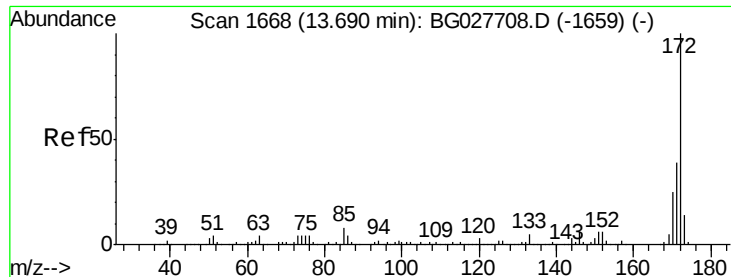


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

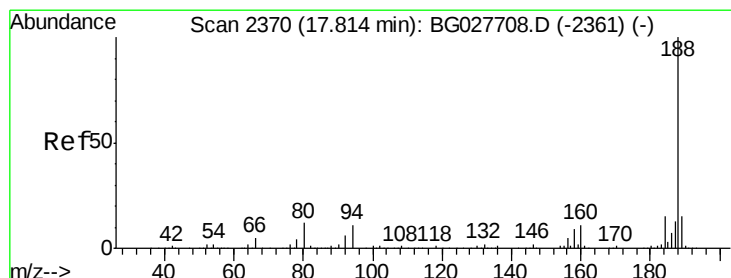
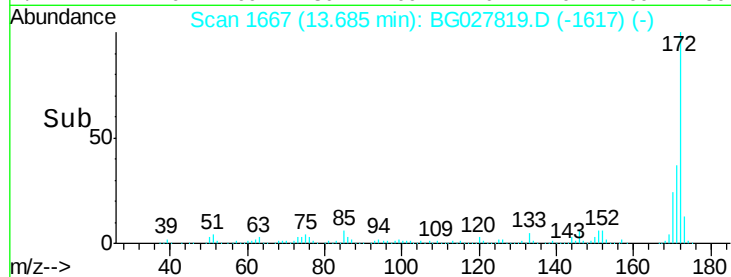
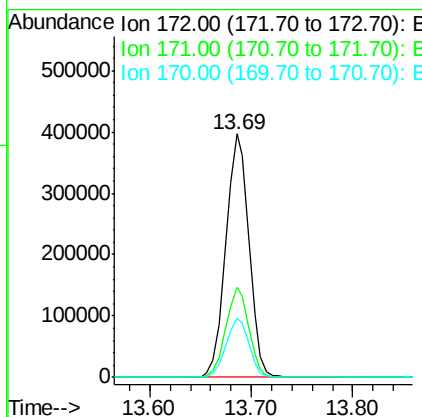
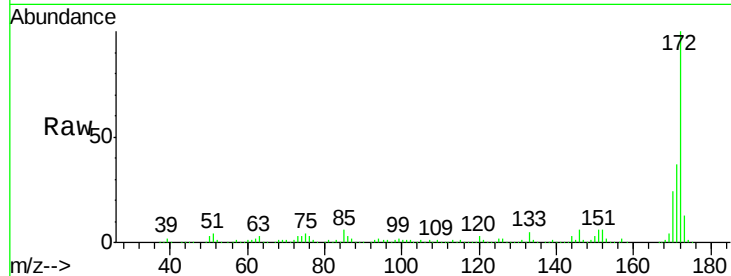




#44
 2-Fluorobiphenyl
 Concen: 102.304 ng
 RT: 13.69 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG027819.D
 Acq: 2 Jul 2017 15:14

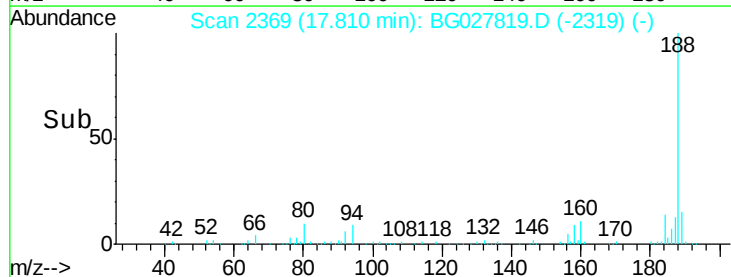
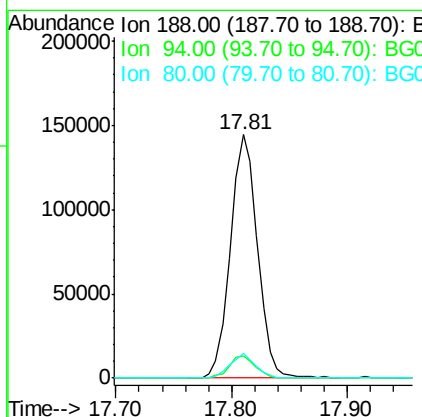
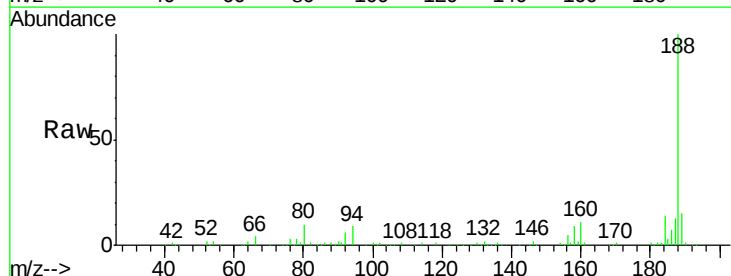
Instrument :
 BNA_G
 ClientSampleId :
 SP-C-COMP

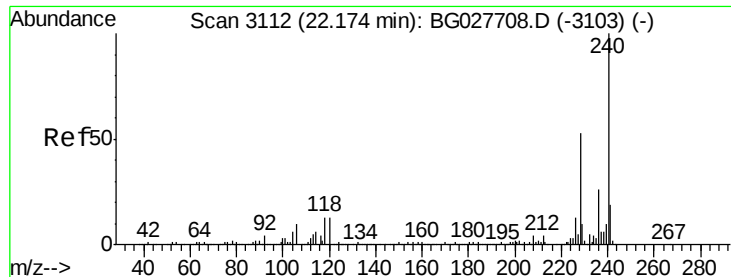
Tgt Ion:172 Resp: 627289
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 24.1 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.81 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: BG027819.D
 Acq: 2 Jul 2017 15:14

Tgt Ion:188 Resp: 234404
 Ion Ratio Lower Upper
 188 100
 94 9.1 5.8 8.8#
 80 10.1 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.17 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BG027819.D

Acq: 2 Jul 2017 15:14

Instrument :

BNA_G

ClientSampleId :

SP-C-COMP

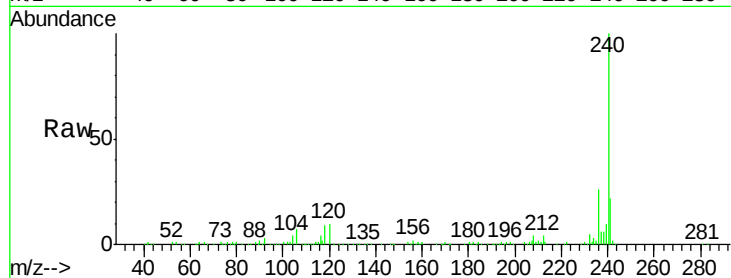
Tgt Ion:240 Resp: 238269

Ion Ratio Lower Upper

240 100

120 10.0 5.7 8.5#

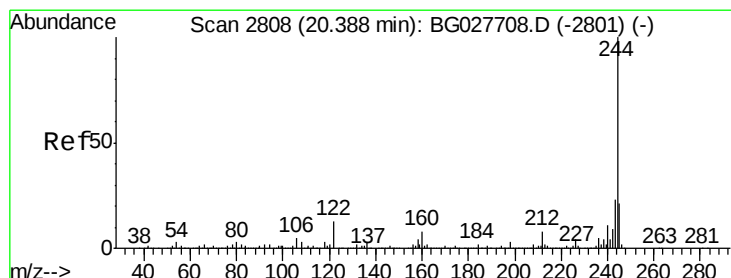
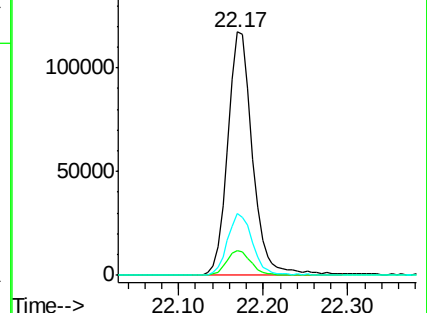
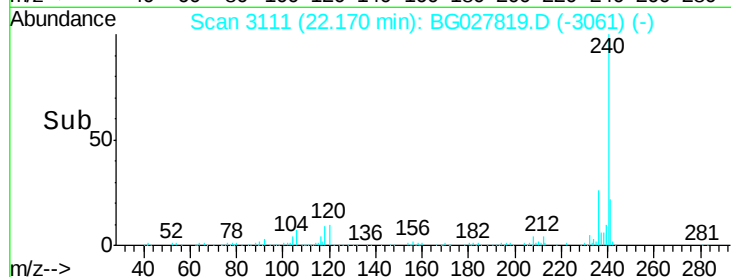
236 25.5 22.2 33.4



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: 122.488 ng

RT: 20.39 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG027819.D

Acq: 2 Jul 2017 15:14

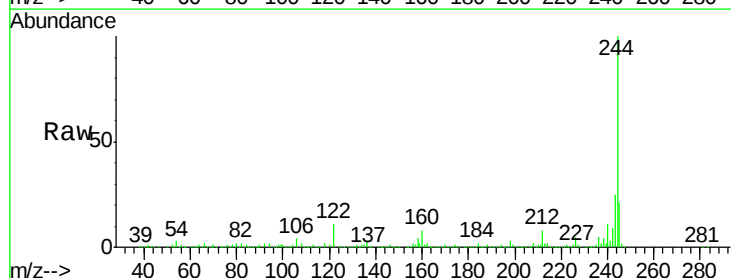
Tgt Ion:244 Resp: 1244903

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

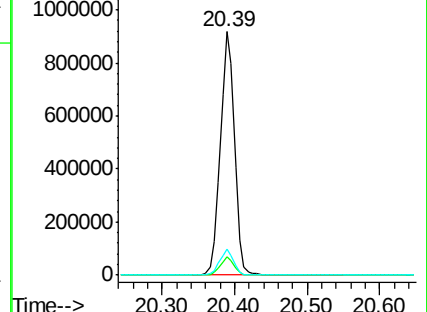
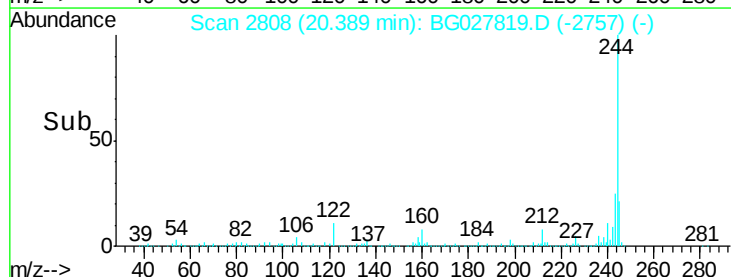
122 10.8 8.6 12.8

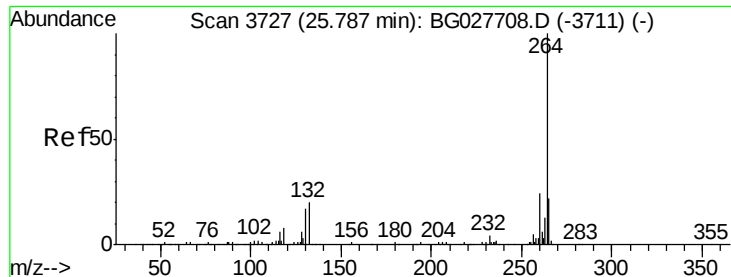


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.79 min Scan# 3728
Delta R.T. 0.01 min
Lab File: BG027819.D
Acq: 2 Jul 2017 15:14

Instrument :
BNA_G
ClientSampleId :
SP-C-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	21.8	32.8
265	21.0	18.2	27.4

