

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
 Data File : BG027788.D
 Acq On : 1 Jul 2017 17:52
 Operator : SJ/JU
 Sample : I3982-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 339-COMP

Quant Time: Jul 01 19:16:40 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

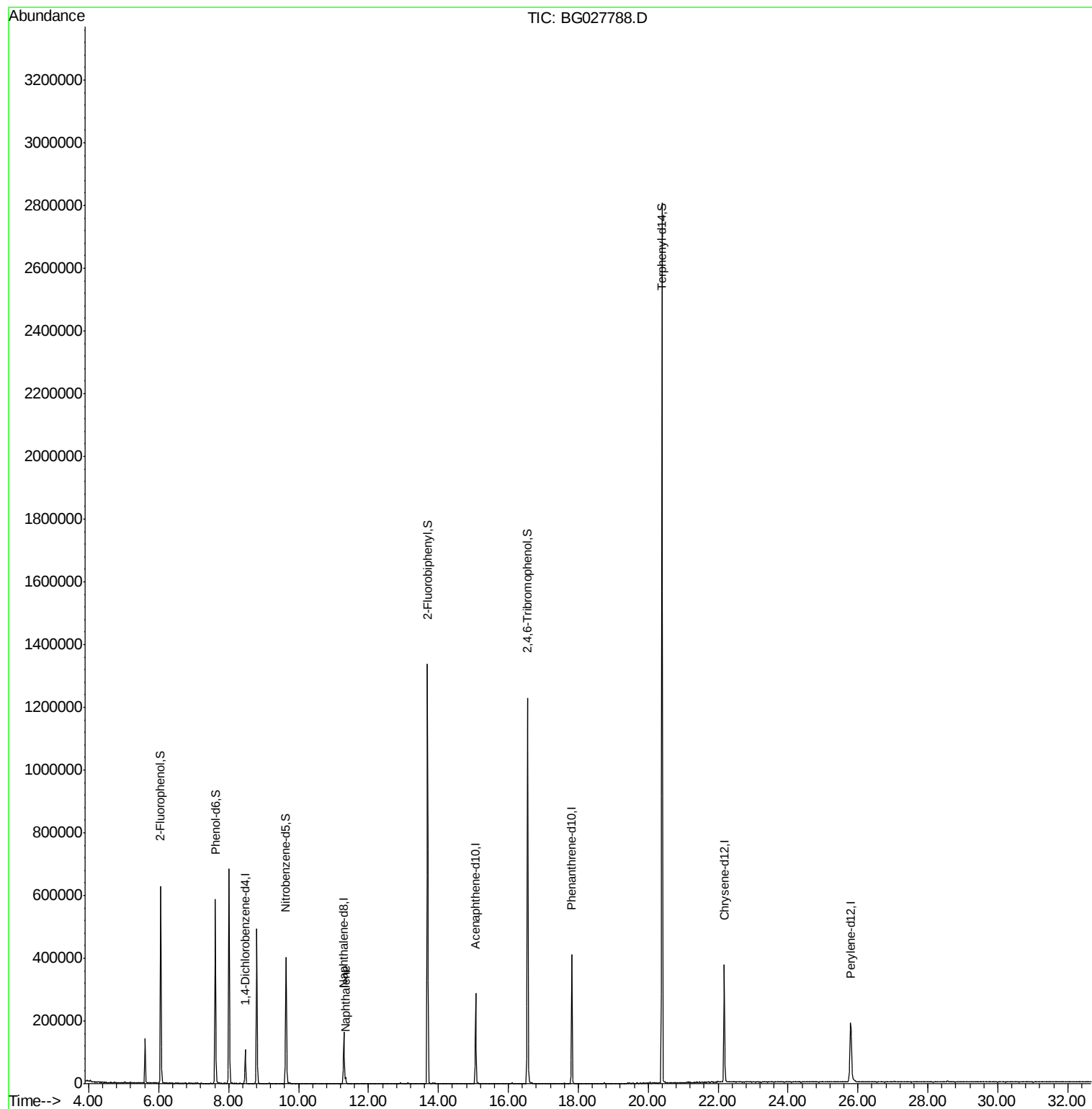
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	30444	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	150897	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	99495	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	250773	20.00	ng	0.00
75) Chrysene-d12	22.18	240	252926	20.00	ng	0.00
86) Perylene-d12	25.79	264	246289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	283553	143.43	ng	0.00
7) Phenol-d6	7.62	99	348316	115.33	ng	0.00
23) Nitrobenzene-d5	9.64	82	257201	95.01	ng	0.00
41) 2,4,6-Tribromophenol	16.56	330	251487	184.28	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	695664	99.86	ng	0.00
78) Terphenyl-d14	20.39	244	1257721	116.58	ng	0.00
Target Compounds						
31) Naphthalene	11.34	128	17852	2.225	ng	Qvalue # 95

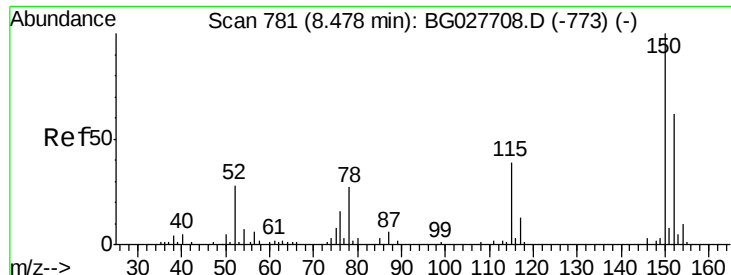
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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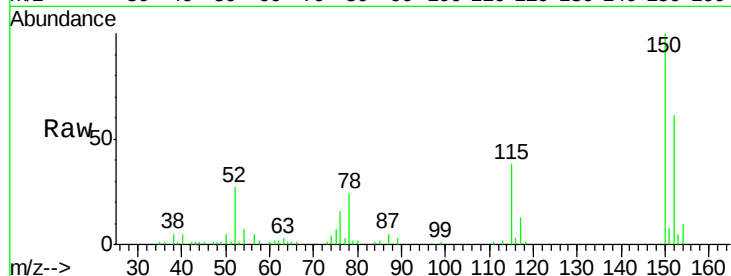


#1

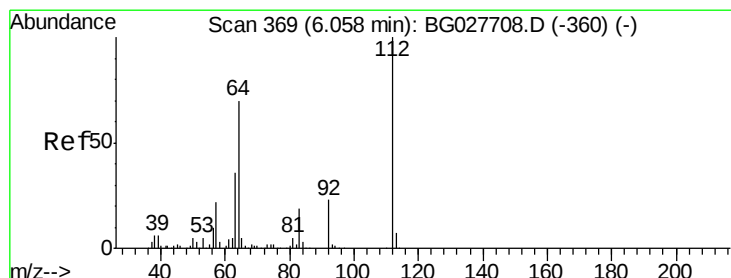
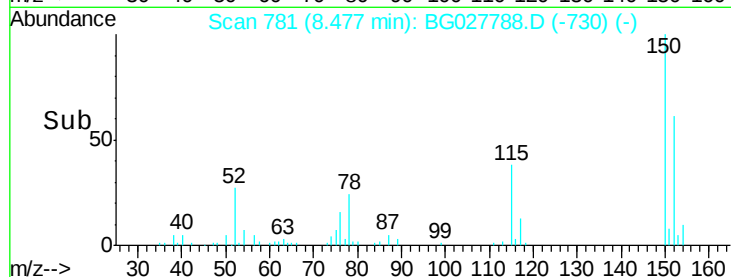
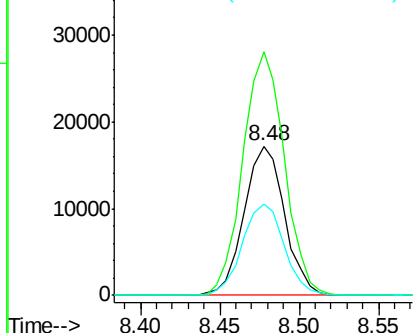
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.48 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BG027788.D
 Acq: 1 Jul 2017 17:52

Instrument :
 BNA_G
 ClientSampleId :
 339-COMP

Tgt Ion:152 Resp: 30444
 Ion Ratio Lower Upper
 152 100
 150 163.5 114.0 171.0
 115 61.4 48.1 72.1



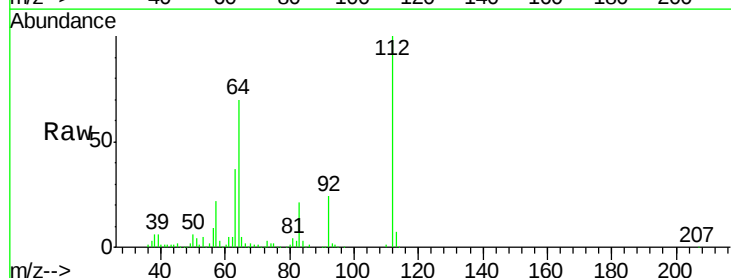
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



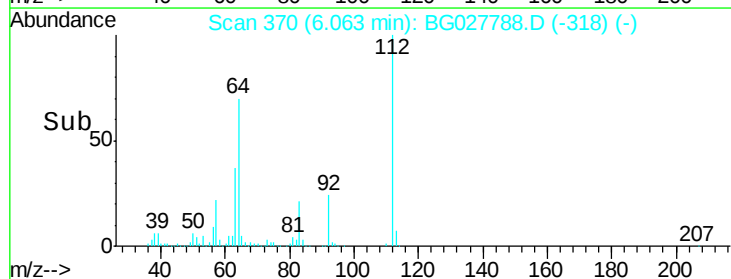
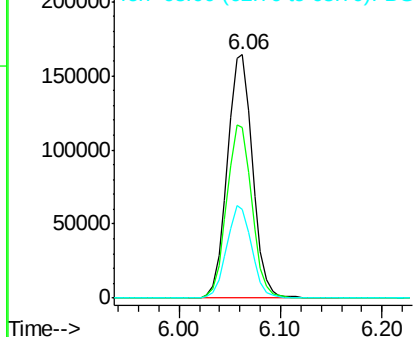
#5

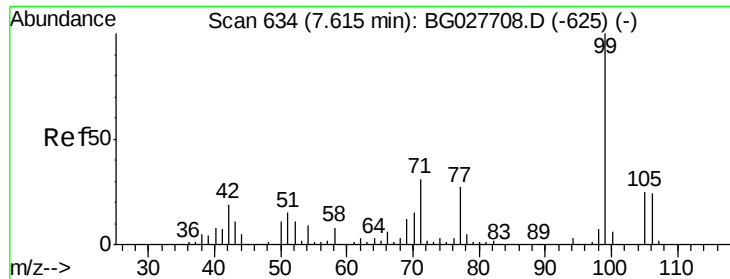
2-Fluorophenol
 Concen: 143.426 ng
 RT: 6.06 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BG027788.D
 Acq: 1 Jul 2017 17:52

Tgt Ion:112 Resp: 283553
 Ion Ratio Lower Upper
 112 100
 64 70.0 61.8 92.6
 63 36.6 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: 115.327 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027788.D

Acq: 1 Jul 2017 17:52

Instrument :

BNA_G

ClientSampleId :

339-COMP

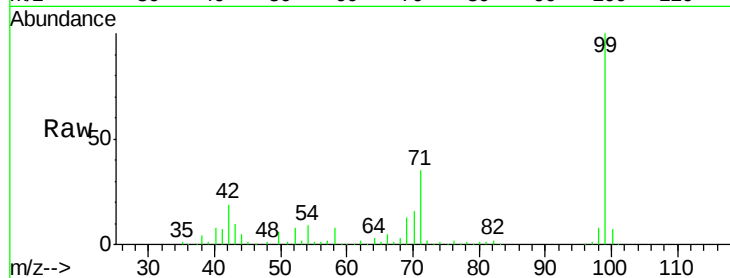
Tgt Ion: 99 Resp: 348316

Ion Ratio Lower Upper

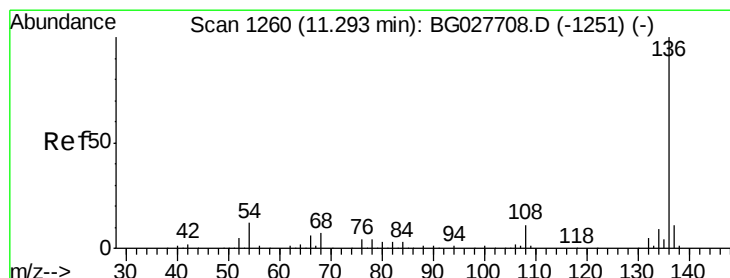
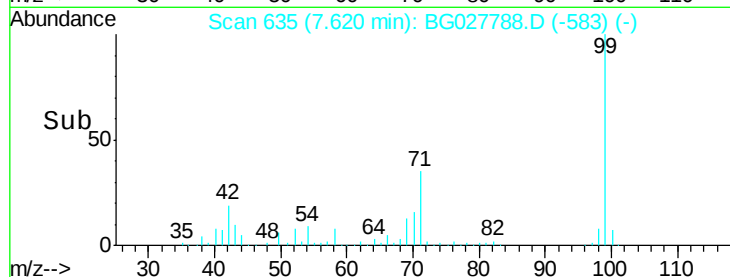
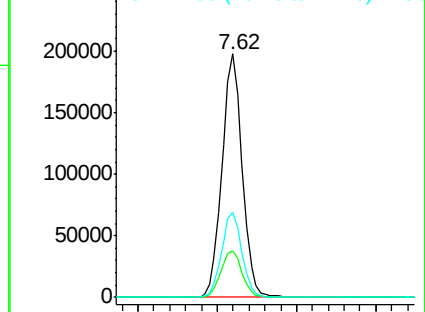
99 100

42 19.0 20.5 30.7#

71 34.7 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: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027788.D

Acq: 1 Jul 2017 17:52

Tgt Ion: 136 Resp: 150897

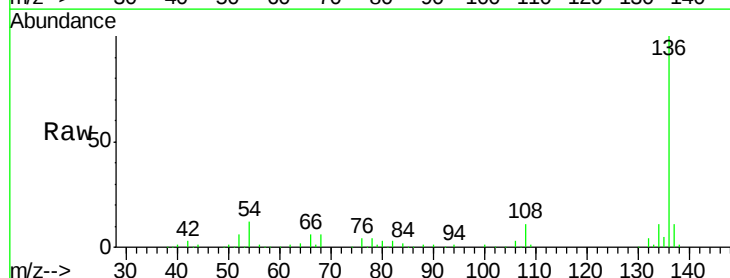
Ion Ratio Lower Upper

136 100

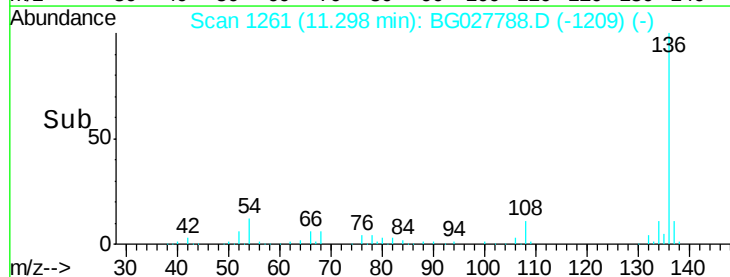
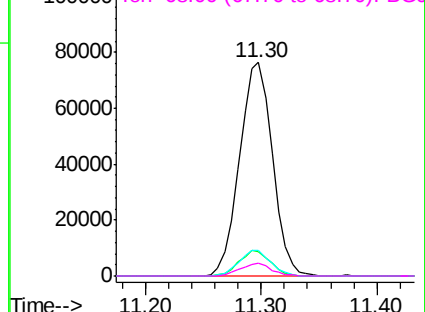
137 11.3 8.9 13.3

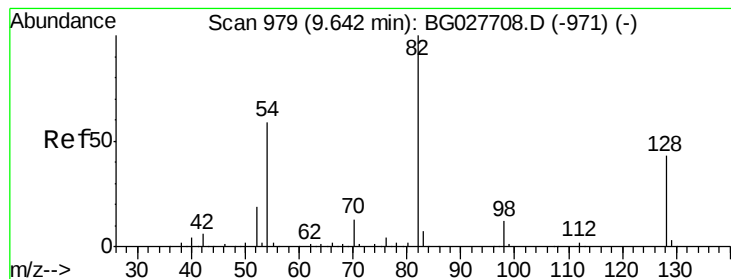
54 11.9 9.3 13.9

68 6.3 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: 95.009 ng

RT: 9.64 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG027788.D

Acq: 1 Jul 2017 17:52

Instrument :

BNA_G

ClientSampleId :

339-COMP

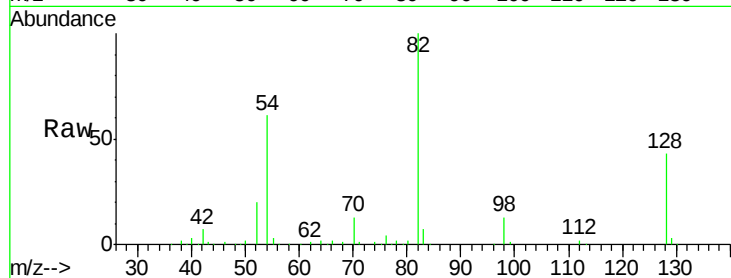
Tgt Ion: 82 Resp: 257201

Ion Ratio Lower Upper

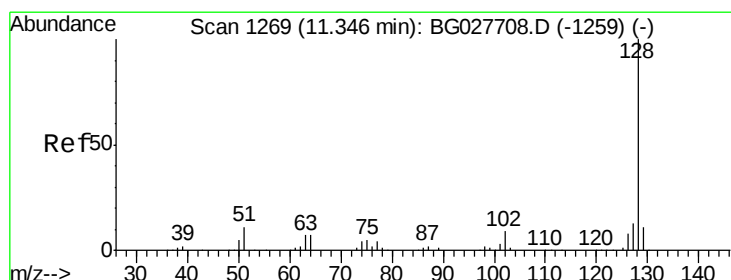
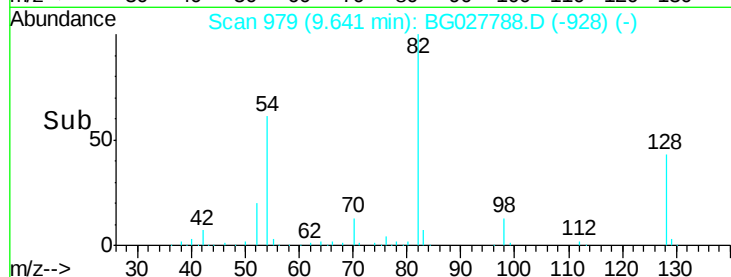
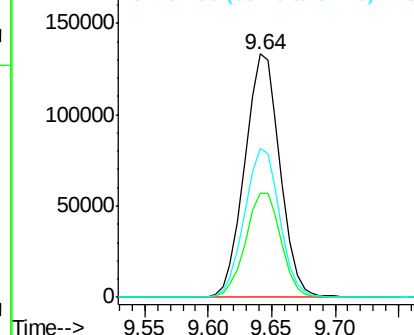
82 100

128 42.8 26.4 39.6#

54 61.1 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



#31

Naphthalene

Concen: 2.225 ng

RT: 11.34 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BG027788.D

Acq: 1 Jul 2017 17:52

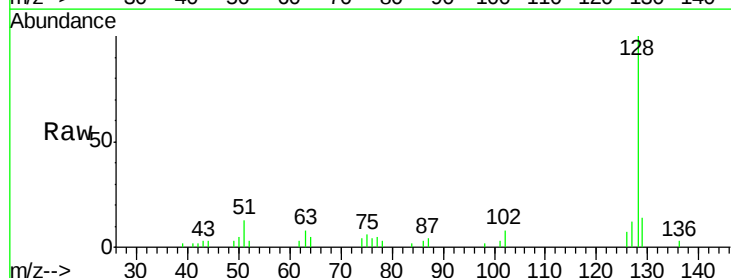
Tgt Ion: 128 Resp: 17852

Ion Ratio Lower Upper

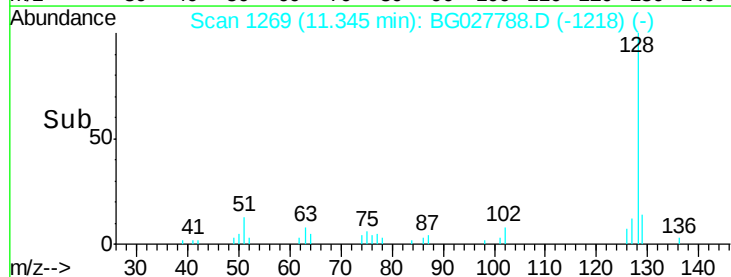
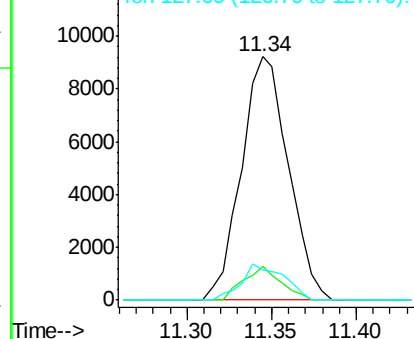
128 100

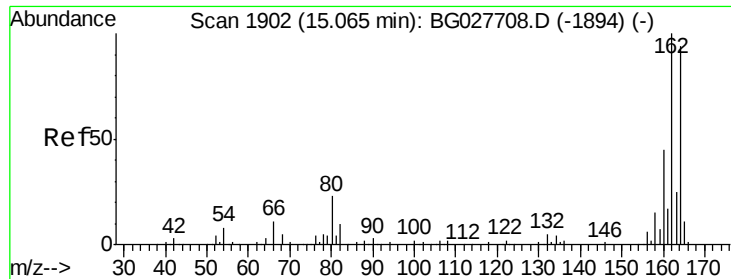
129 14.0 9.3 13.9#

127 12.3 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: 20.000 ng

RT: 15.06 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG027788.D

Acq: 1 Jul 2017 17:52

Instrument :

BNA_G

ClientSampleId :

339-COMP

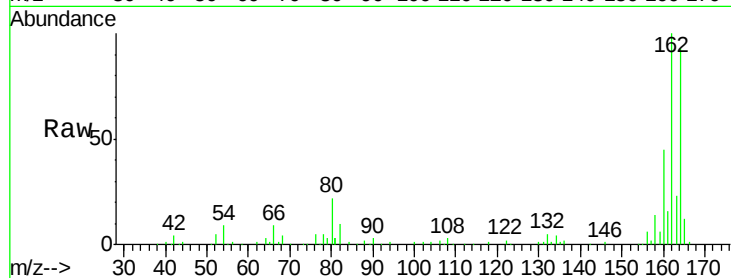
Tgt Ion:164 Resp: 99495

Ion Ratio Lower Upper

164 100

162 107.2 85.1 127.7

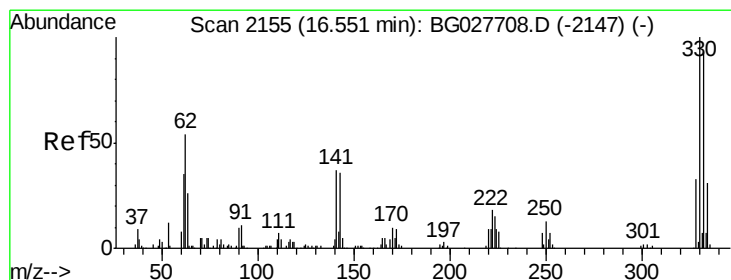
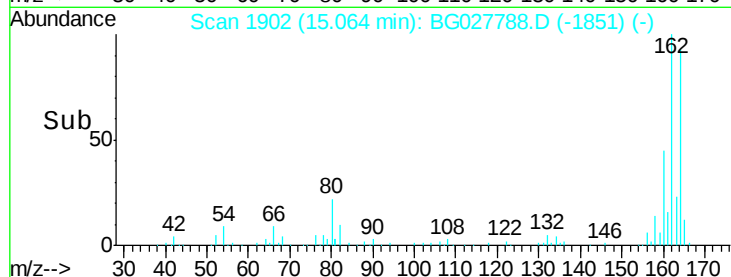
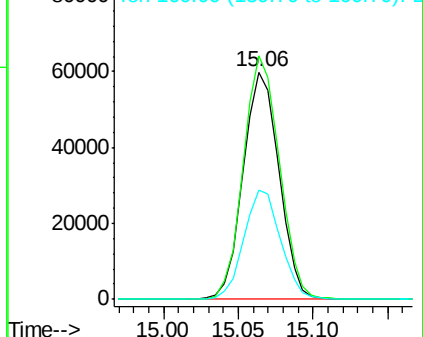
160 48.2 34.7 52.1



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: 184.283 ng

RT: 16.56 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BG027788.D

Acq: 1 Jul 2017 17:52

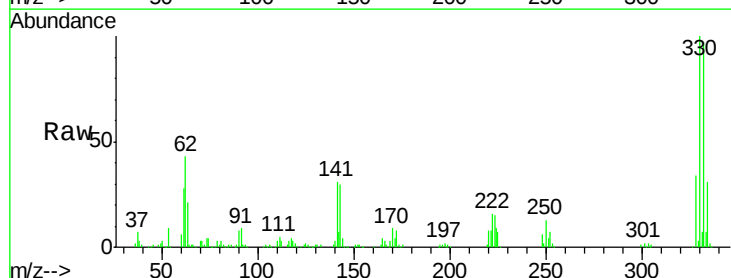
Tgt Ion:330 Resp: 251487

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

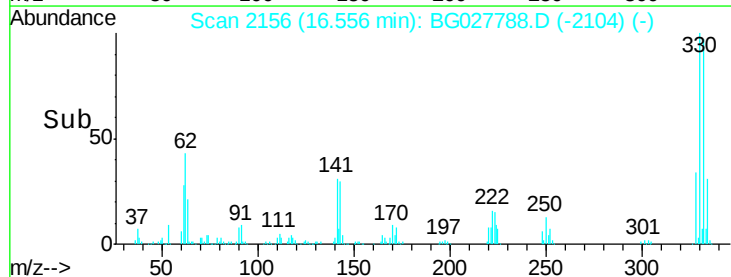
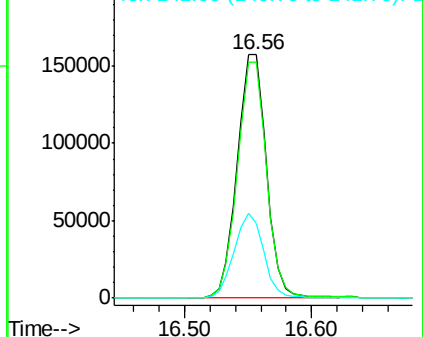
141 35.4 32.1 48.1

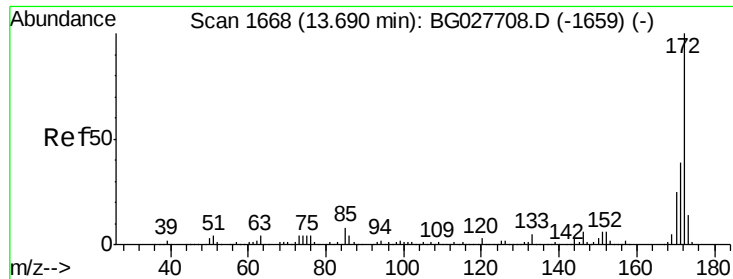


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

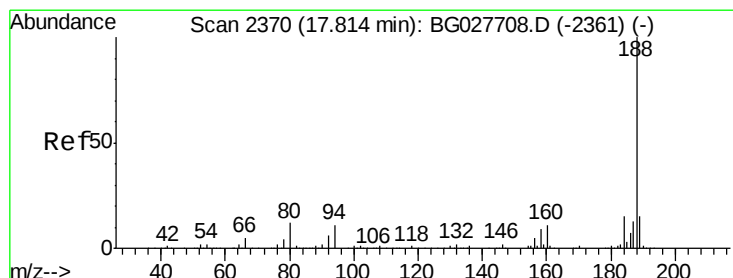
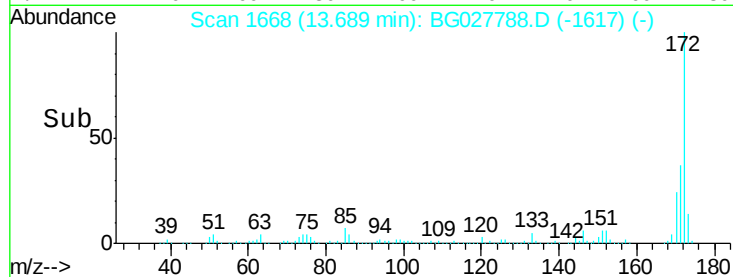
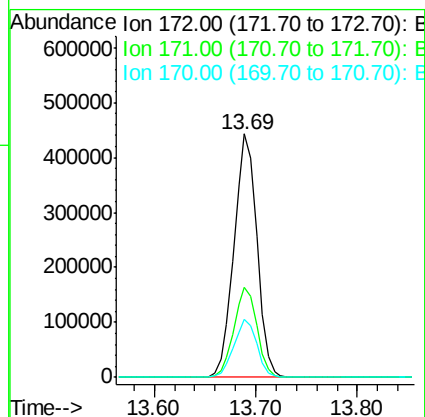
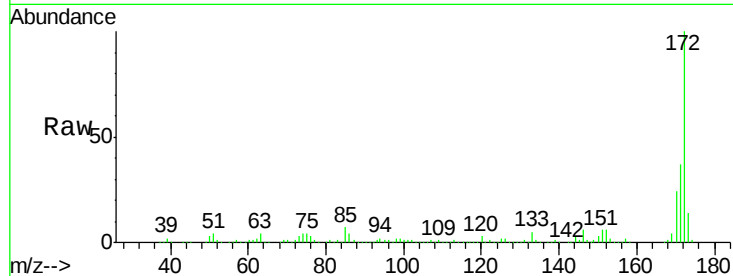




#44
 2-Fluorobiphenyl
 Concen: 99.857 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027788.D
 Acq: 1 Jul 2017 17:52

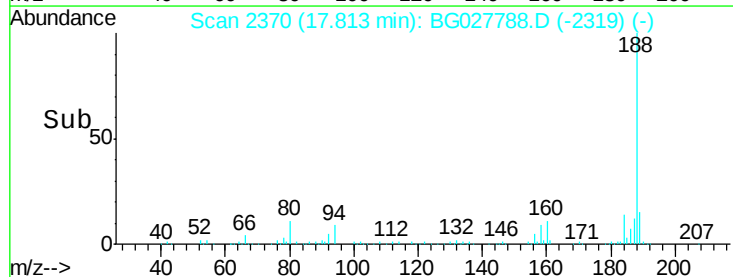
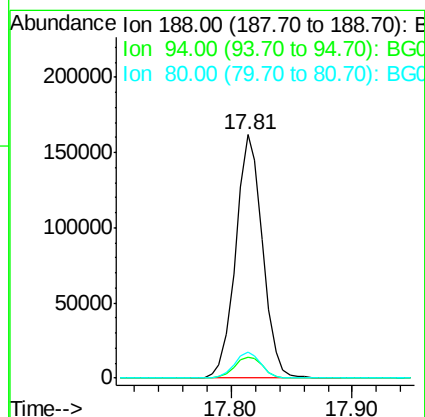
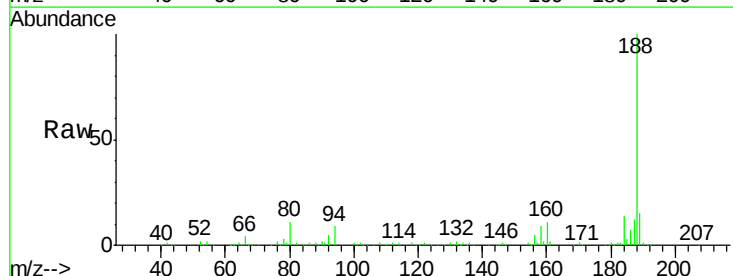
Instrument :
 BNA_G
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 339-COMP

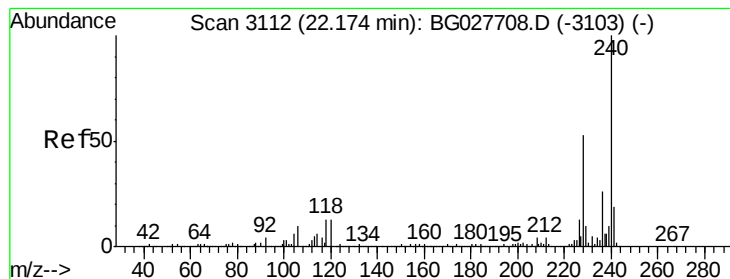
Tgt Ion:172 Resp: 695664
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 23.9 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.81 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: BG027788.D
 Acq: 1 Jul 2017 17:52

Tgt Ion:188 Resp: 250773
 Ion Ratio Lower Upper
 188 100
 94 8.8 5.8 8.8#
 80 10.7 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.18 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BG027788.D

Acq: 1 Jul 2017 17:52

Instrument :

BNA_G

ClientSampleId :

339-COMP

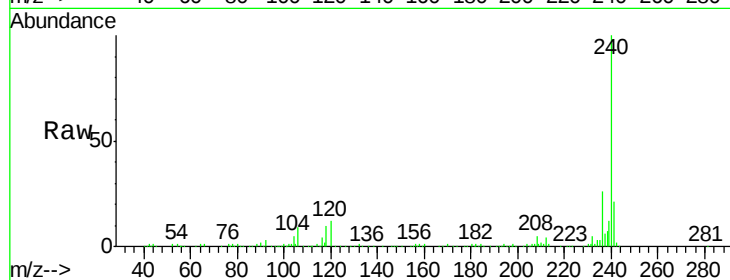
Tgt Ion:240 Resp: 252926

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

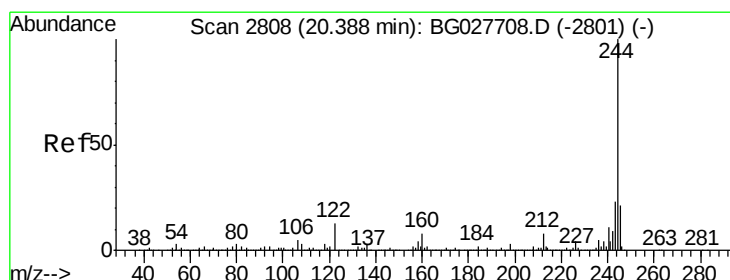
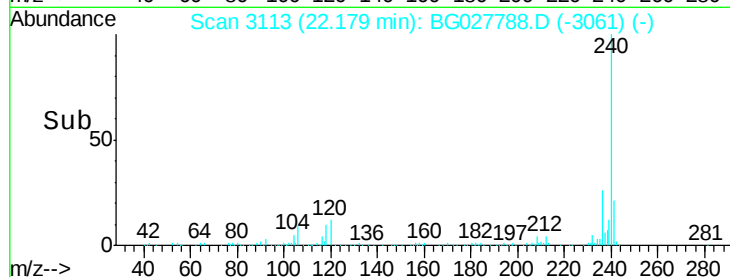
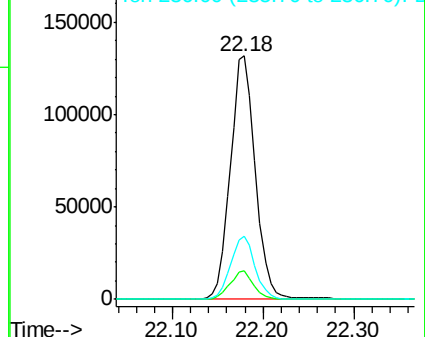
236 26.1 22.2 33.4



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: 116.578 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027788.D

Acq: 1 Jul 2017 17:52

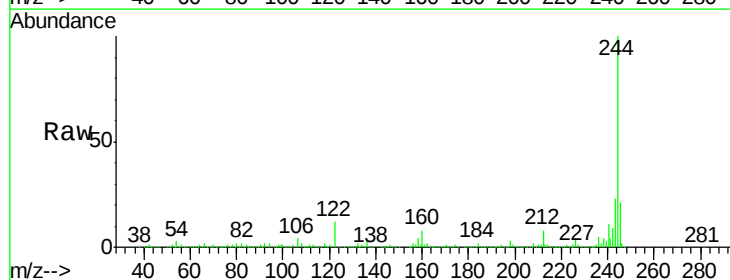
Tgt Ion:244 Resp: 1257721

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

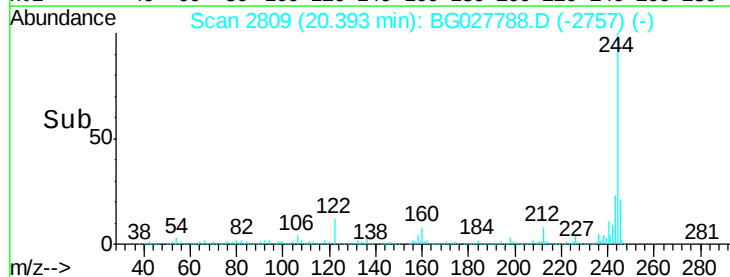
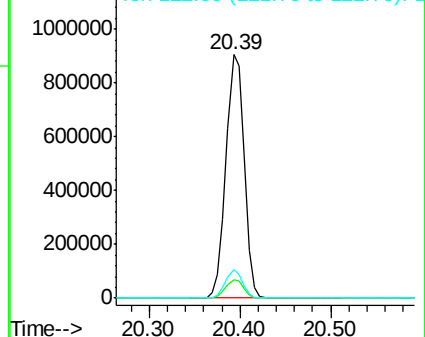
122 11.8 8.6 12.8

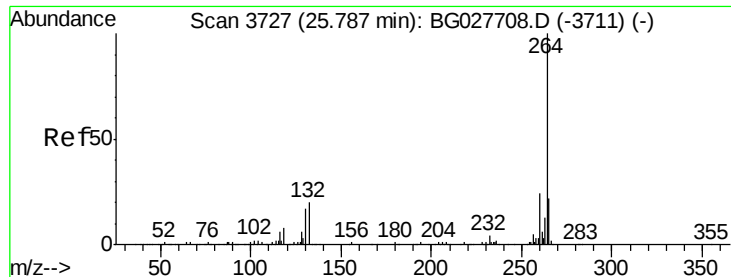


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min
Lab File: BG027788.D
Acq: 1 Jul 2017 17:52

Instrument :
BNA_G
ClientSampleId :
339-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	21.1	18.2	27.4

