

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027684.D
 Acq On : 26 Jun 2017 21:08
 Operator : SJ/JU
 Sample : I3874-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:29:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

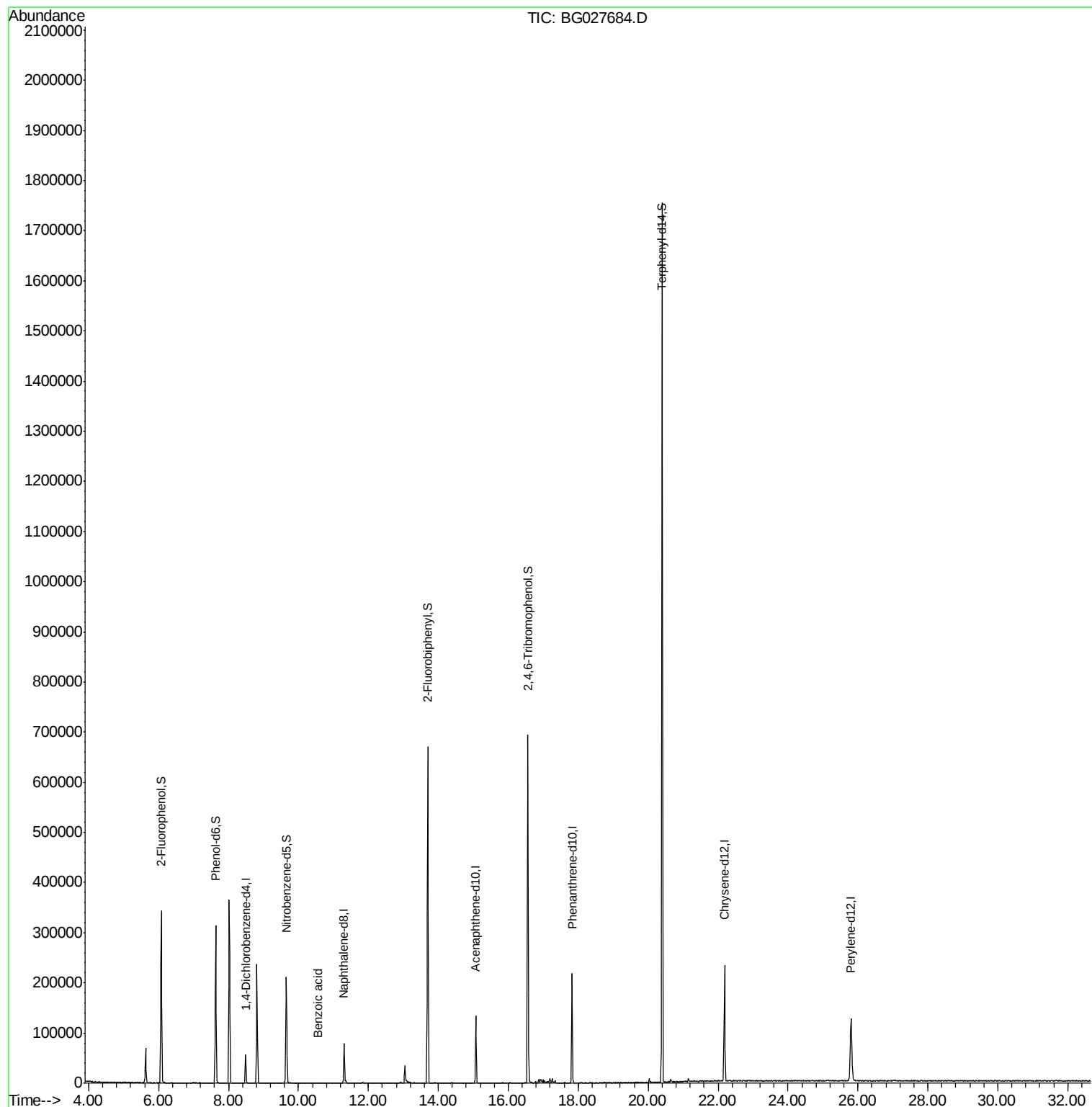
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	15112	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	67147	20.00	ng	-0.02
38) Acenaphthene-d10	15.07	164	44214	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	142102	20.00	ng	-0.02
75) Chrysene-d12	22.19	240	162276	20.00	ng	-0.03
86) Perylene-d12	25.81	264	154353	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	136139	128.21	ng	-0.01
7) Phenol-d6	7.63	99	172888	109.99	ng	-0.01
23) Nitrobenzene-d5	9.65	82	134212	94.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	132083	200.38	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	320894	99.14	ng	-0.02
78) Terphenyl-d14	20.40	244	749097	108.76	ng	-0.02
Target Compounds						
32) Benzoic acid	10.57	122	121	8.00	ng	Qvalue # 1

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

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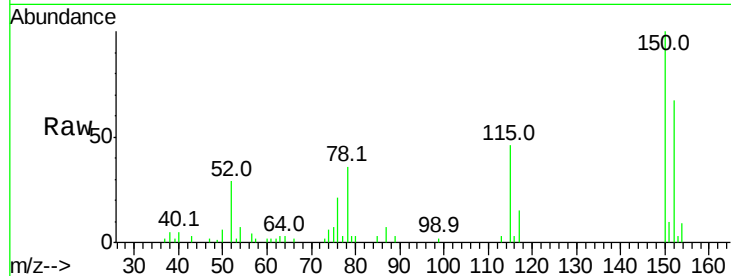


#1

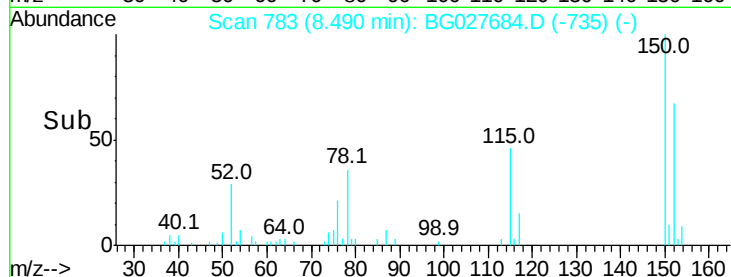
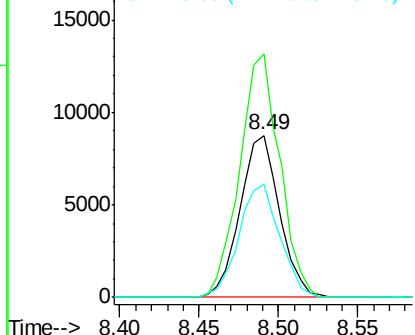
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BG027684.D
Acq: 26 Jun 2017 21:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 15112
Ion Ratio Lower Upper
152 100
150 150.2 114.0 171.0
115 69.8 48.1 72.1



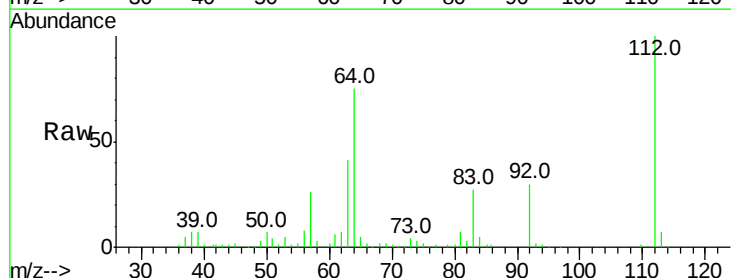
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



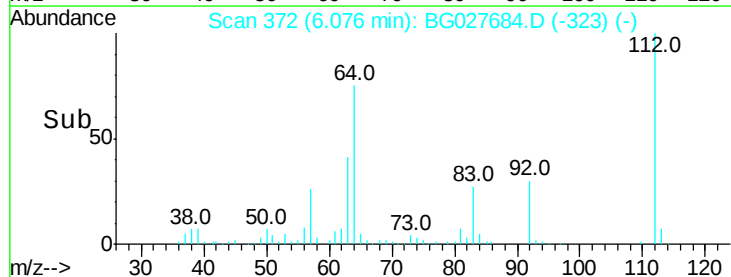
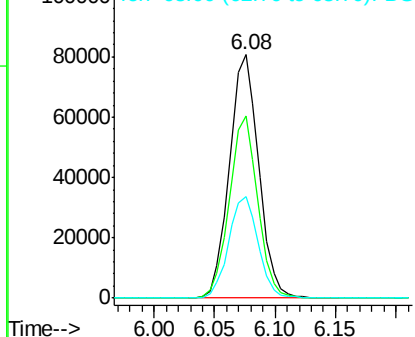
#5

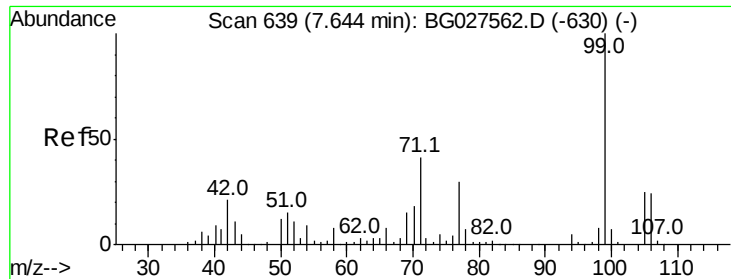
2-Fluorophenol
Concen: 128.21 ng
RT: 6.08 min Scan# 372
Delta R.T. -0.01 min
Lab File: BG027684.D
Acq: 26 Jun 2017 21:08

Tgt Ion:112 Resp: 136139
Ion Ratio Lower Upper
112 100
64 75.0 61.8 92.6
63 41.5 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: 109.99 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027684.D

Acq: 26 Jun 2017 21:08

Instrument :

BNA_G

ClientSampleId :

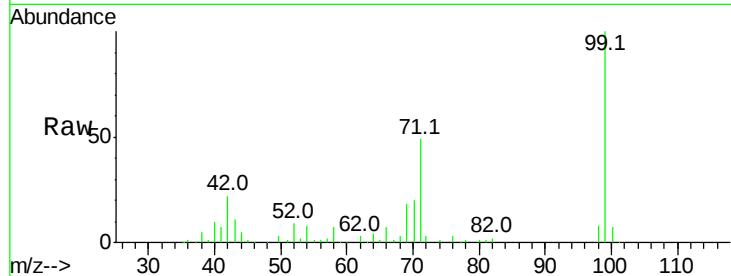
Tot Ion: 99 Resp: 172888

Ion Ratio Lower Upper

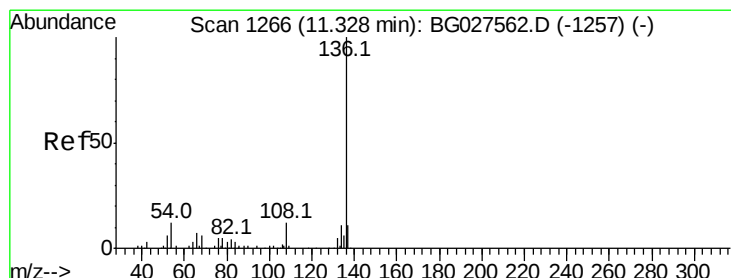
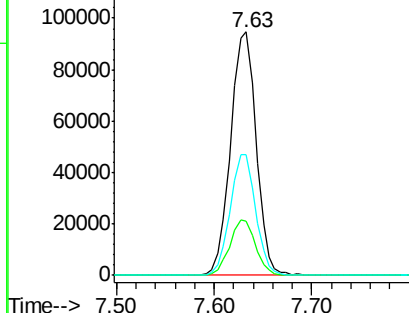
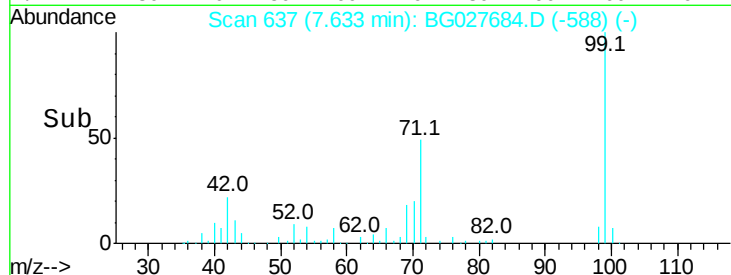
99 100

42 22.3 20.5 30.7

71 49.4 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# 1262

Delta R.T. -0.02 min

Lab File: BG027684.D

Acq: 26 Jun 2017 21:08

Tgt Ion: 136 Resp: 67147

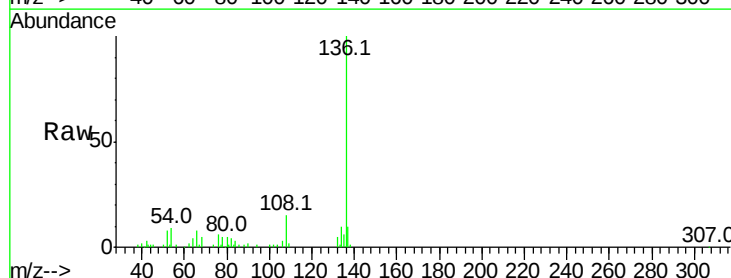
Ion Ratio Lower Upper

136 100

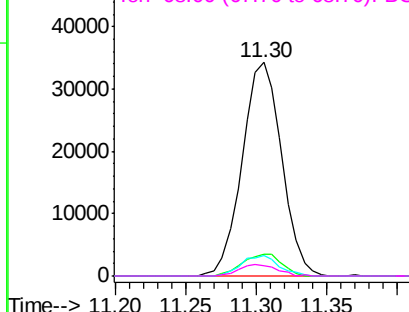
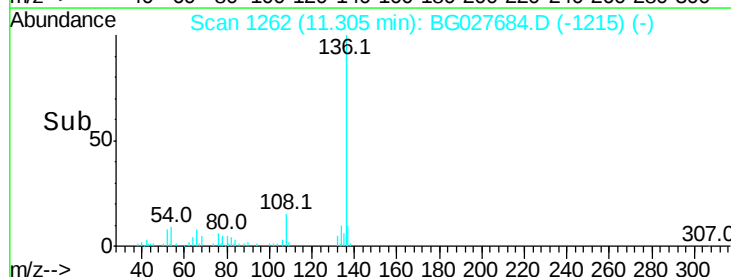
137 10.5 8.9 13.3

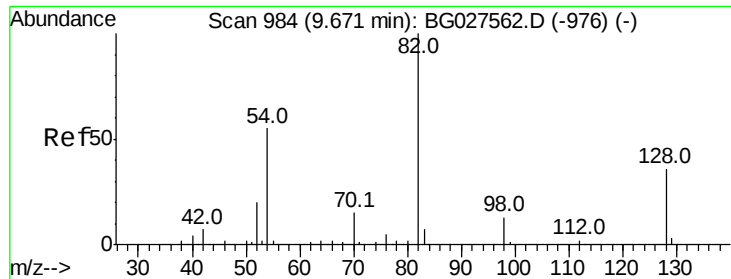
54 9.4 9.3 13.9

68 4.9 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

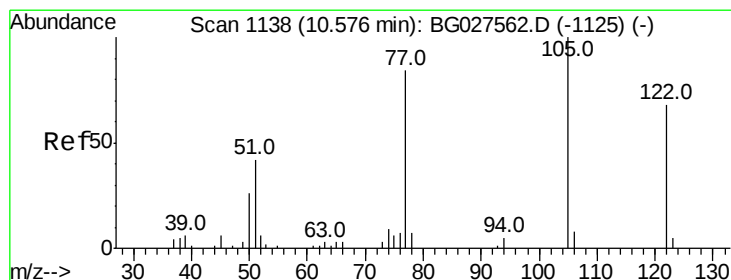
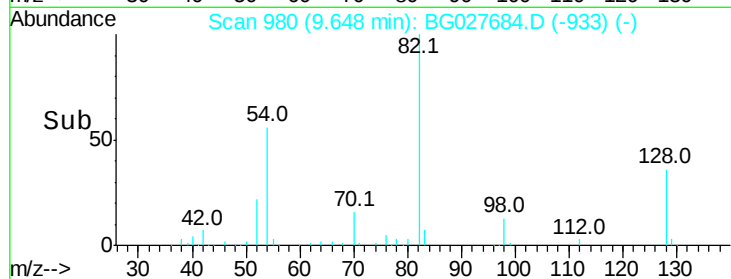
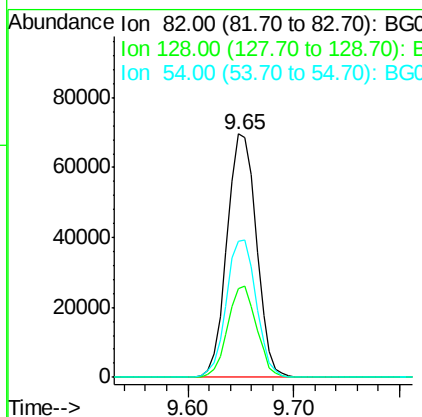
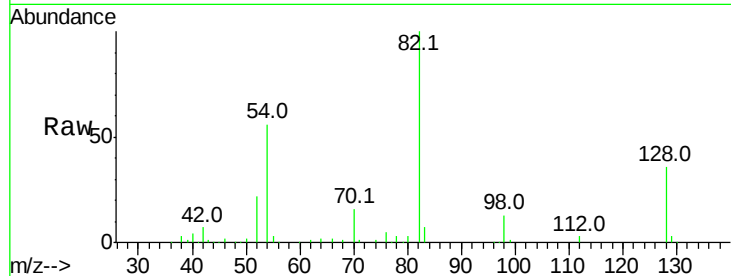




#23
 Nitrobenzene-d5
 Concen: 94.58 ng
 RT: 9.65 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BG027684.D
 Acq: 26 Jun 2017 21:08

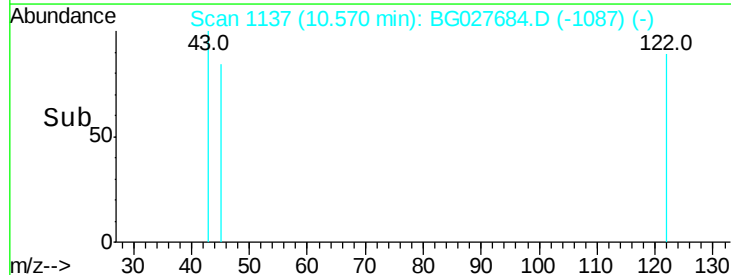
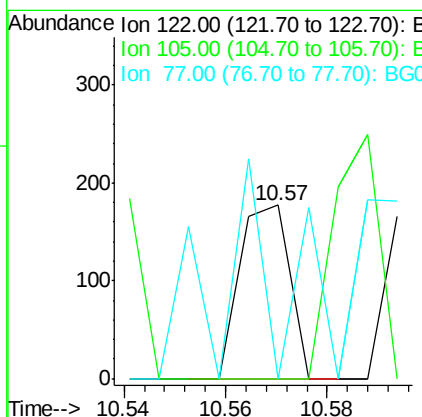
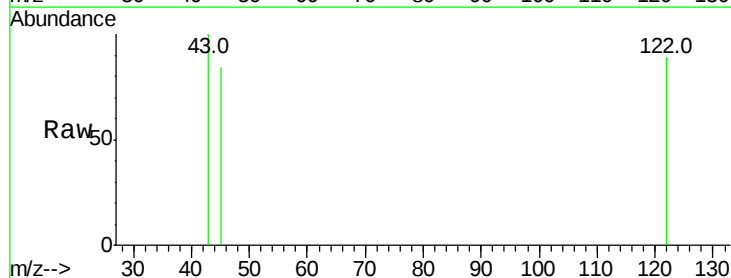
Instrument :
 BNA_G
 ClientSampleId :

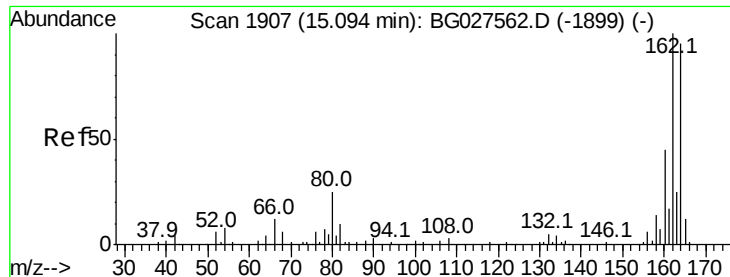
Tot Ion: 82 Resp: 134212
 Ion Ratio Lower Upper
 82 100
 128 36.4 26.4 39.6
 54 56.0 49.4 74.2



#32
 Benzoic acid
 Concen: 8.00 ng
 RT: 10.57 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BG027684.D
 Acq: 26 Jun 2017 21:08

Tgt Ion: 122 Resp: 121
 Ion Ratio Lower Upper
 122 100
 105 0.0 120.1 160.1#
 77 0.0 104.6 144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BG027684.D

Acq: 26 Jun 2017 21:08

Instrument :

BNA_G

ClientSampleId :

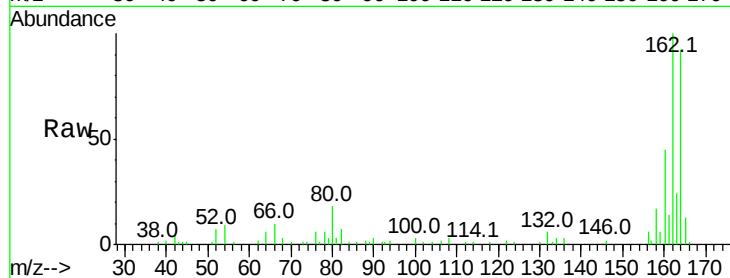
Tot Ion:164 Resp: 44214

Ion Ratio Lower Upper

164 100

162 109.0 85.1 127.7

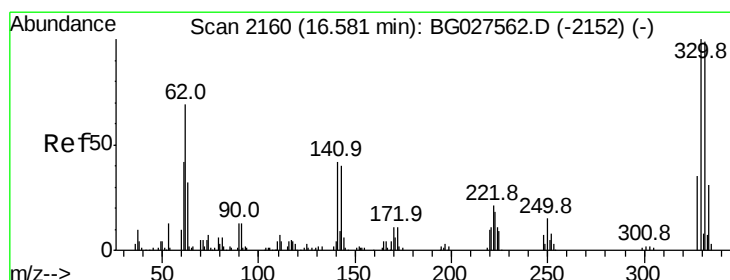
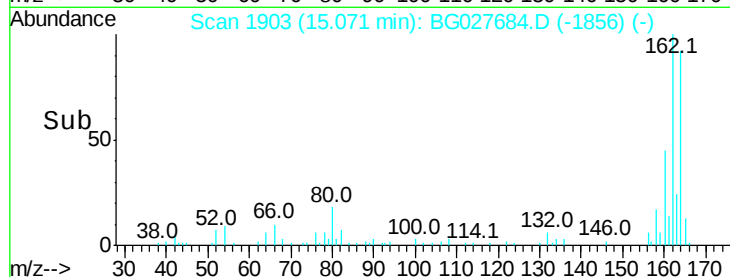
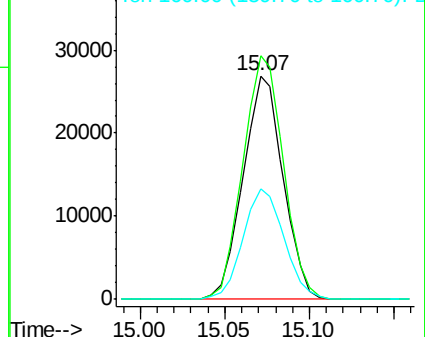
160 49.2 34.7 52.1



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: 200.38 ng

RT: 16.56 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BG027684.D

Acq: 26 Jun 2017 21:08

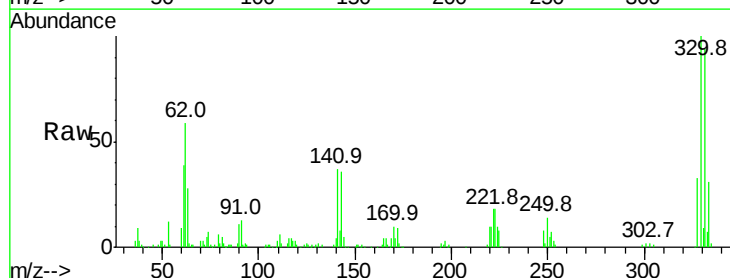
Tgt Ion:330 Resp: 132083

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

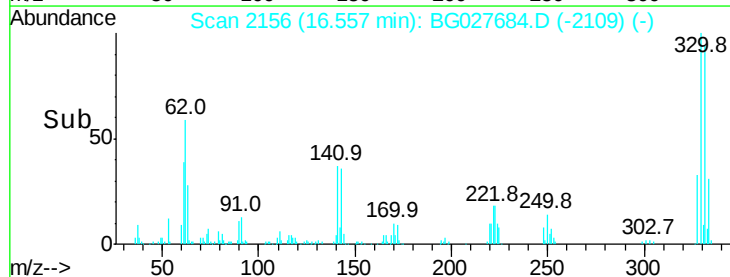
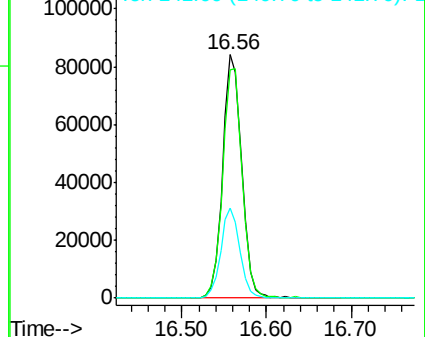
141 37.1 32.1 48.1

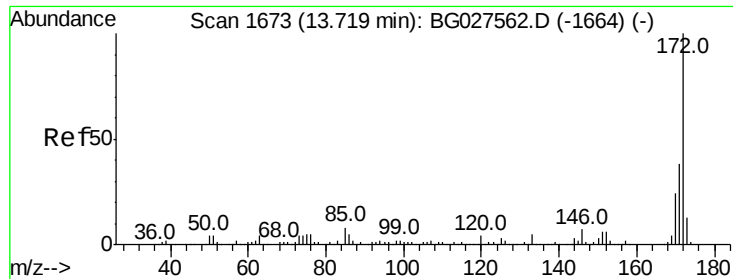


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

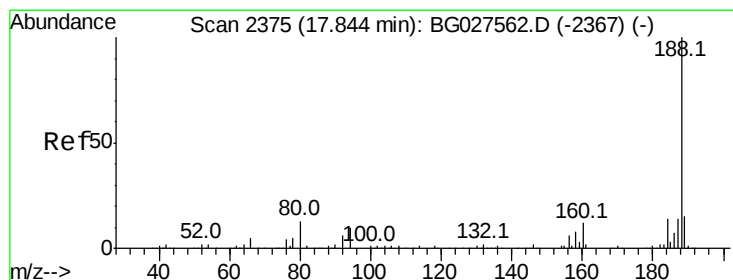
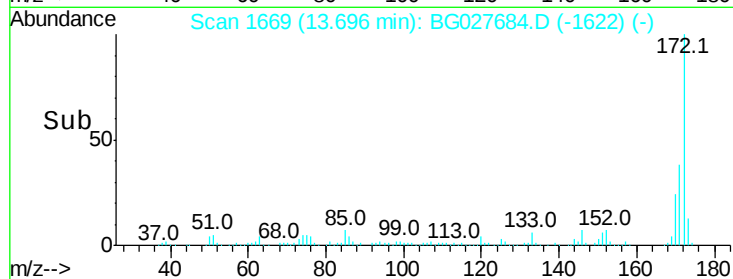
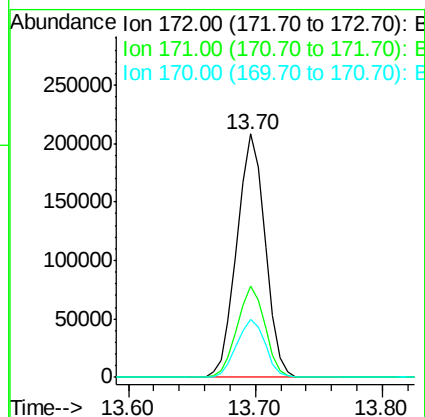
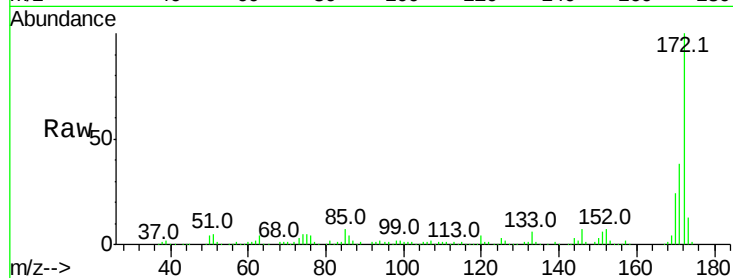




#44
 2-Fluorobiphenyl
 Concen: 99.14 ng
 RT: 13.70 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG027684.D
 Acq: 26 Jun 2017 21:08

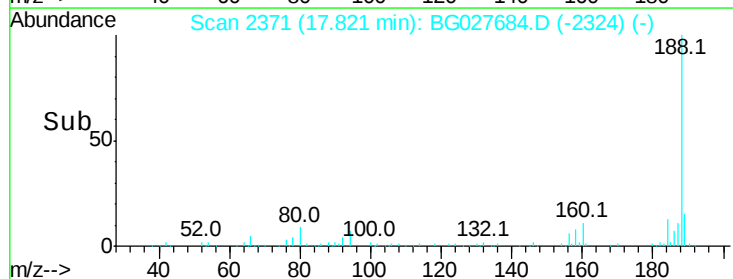
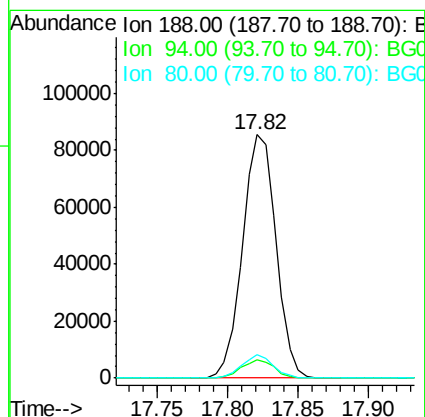
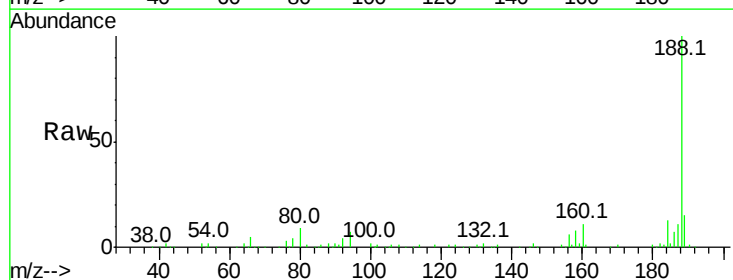
Instrument :
 BNA_G
 ClientSampleId :

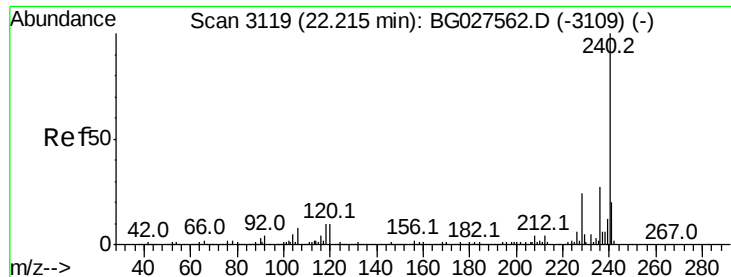
Tot Ion:172 Resp: 320894
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.2 48.2
 170 24.0 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BG027684.D
 Acq: 26 Jun 2017 21:08

Tgt Ion:188 Resp: 142102
 Ion Ratio Lower Upper
 188 100
 94 7.4 5.8 8.8
 80 9.4 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.19 min Scan# 3114

Delta R.T. -0.03 min

Lab File: BG027684.D

Acq: 26 Jun 2017 21:08

Instrument :

BNA_G

ClientSampleId :

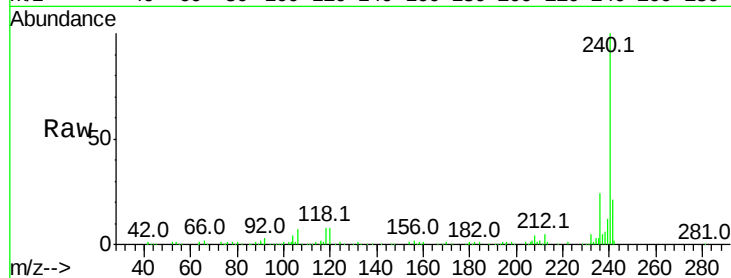
Tot Ion:240 Resp: 162276

Ion Ratio Lower Upper

240 100

120 8.1 5.7 8.5

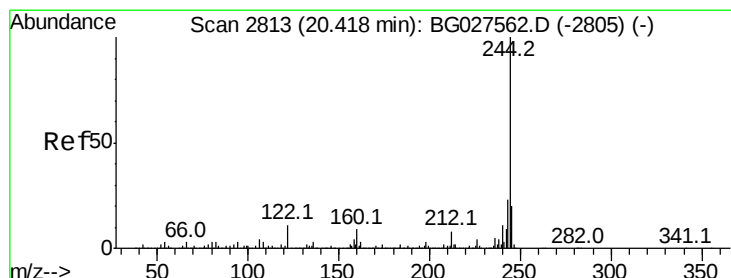
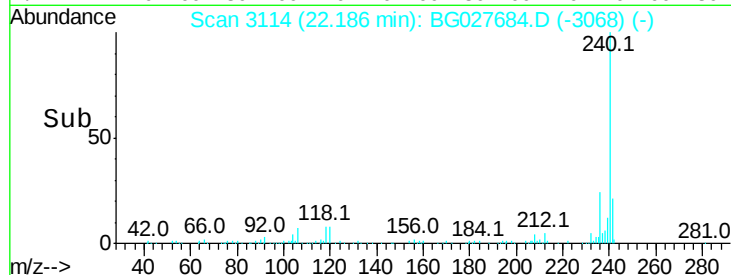
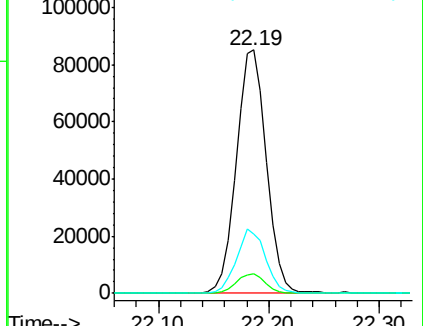
236 24.2 22.2 33.4



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



#78

Terphenyl-d14

Concen: 108.76 ng

RT: 20.40 min Scan# 2810

Delta R.T. -0.02 min

Lab File: BG027684.D

Acq: 26 Jun 2017 21:08

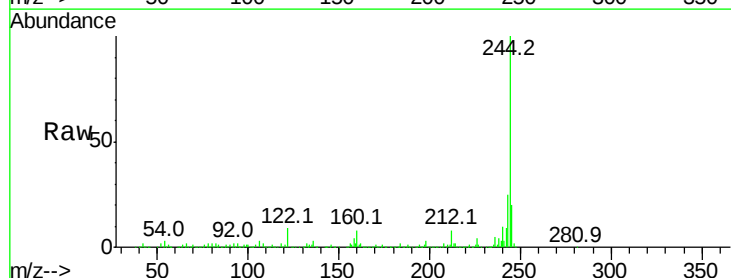
Tgt Ion:244 Resp: 749097

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

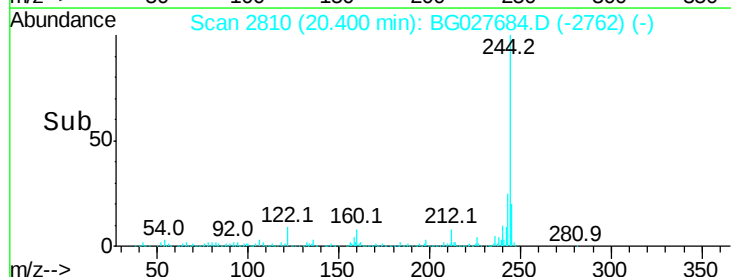
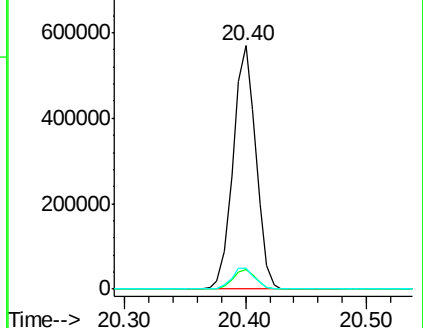
122 8.6 8.6 12.8

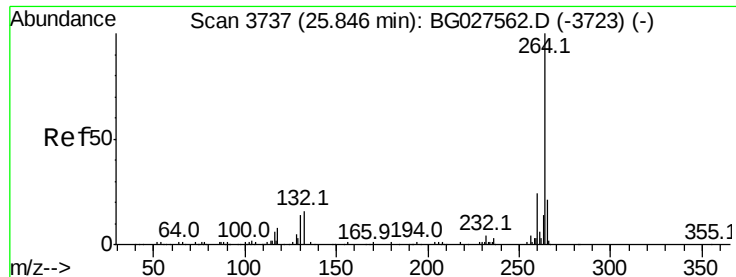


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.81 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG027684.D
Acq: 26 Jun 2017 21:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.8	32.8
265	20.3	18.2	27.4

