

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061217\
 Data File : BG027384.D
 Acq On : 12 Jun 2017 20:49
 Operator : SJ/MA
 Sample : I3624-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 13 03:53:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

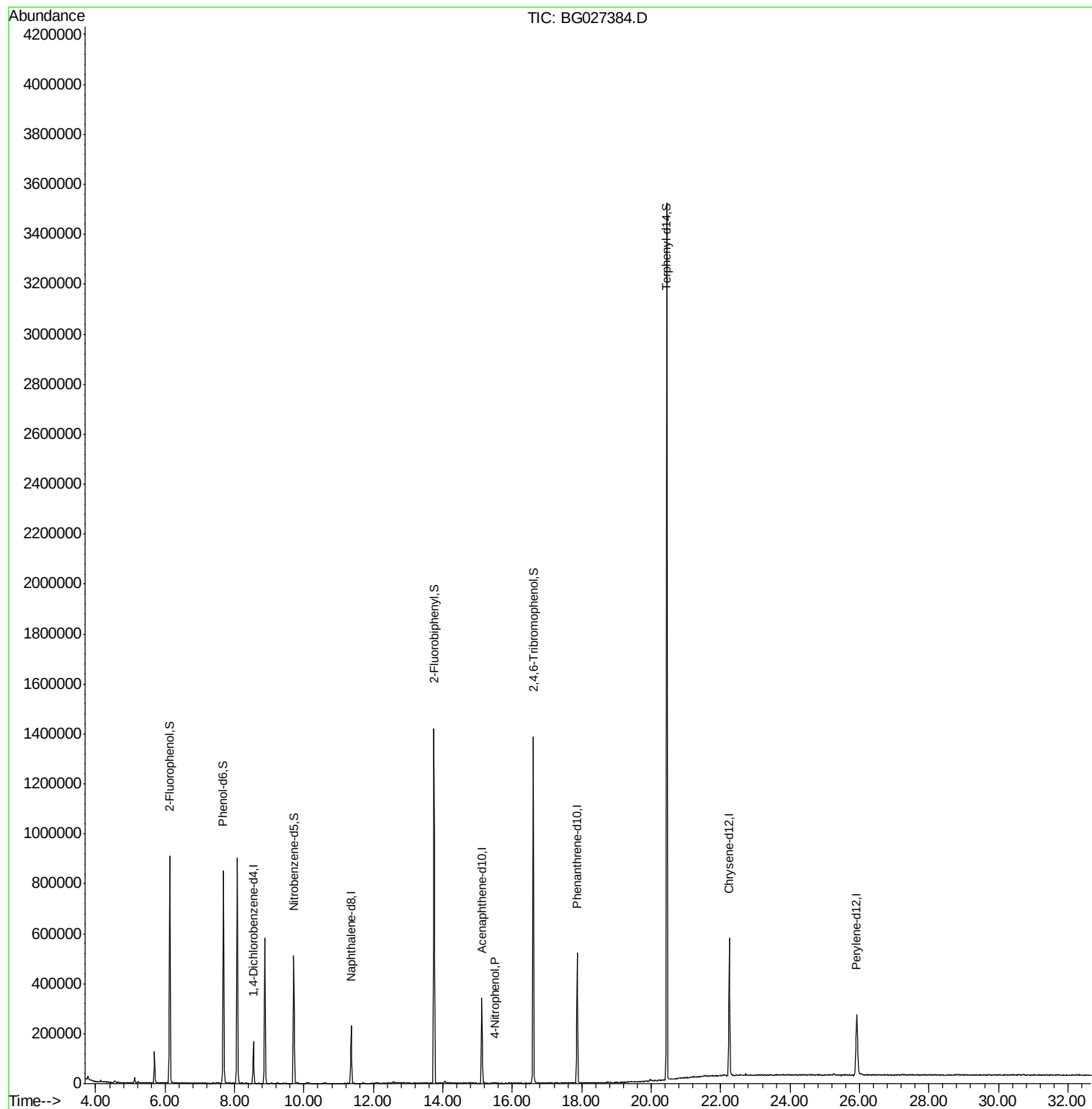
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	45788	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	202156	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	119854	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	325928	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	383440	20.00	ng	-0.06
86) Perylene-d12	25.92	264	272590	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	407140	135.69	ng	-0.02
7) Phenol-d6	7.68	99	534313	121.31	ng	-0.02
23) Nitrobenzene-d5	9.71	82	333971	103.90	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	272985	172.97	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	751322	87.70	ng	-0.04
78) Terphenyl-d14	20.45	244	1564476	104.08	ng	-0.05
Target Compounds						
55) 4-Nitrophenol	15.50	139	217	6.24	ng	Qvalue # 1

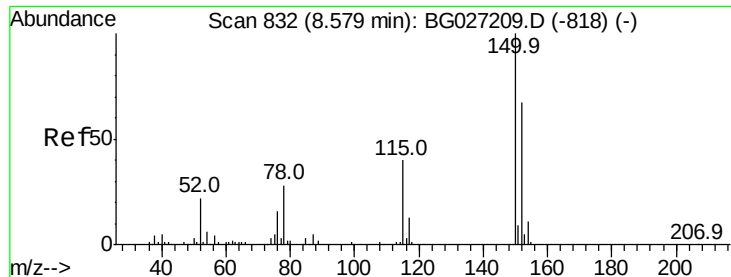
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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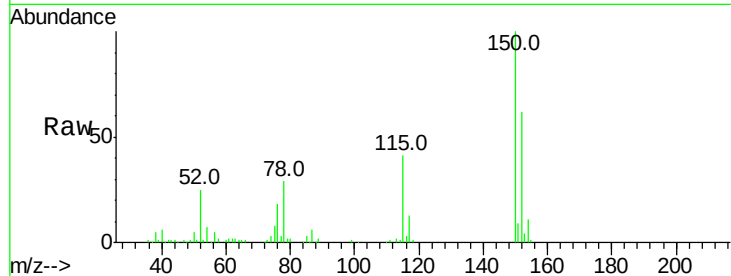


#1

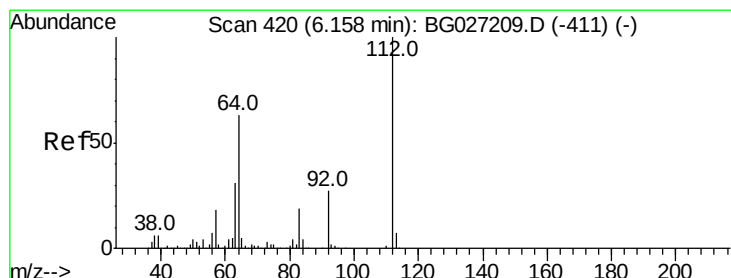
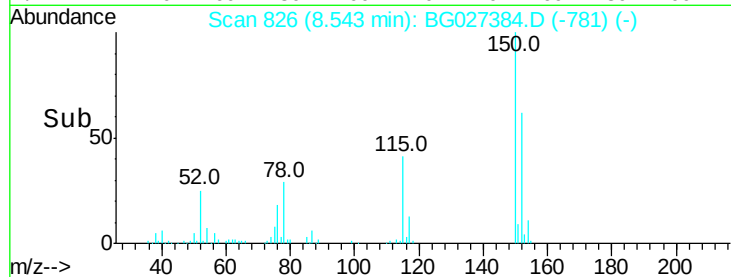
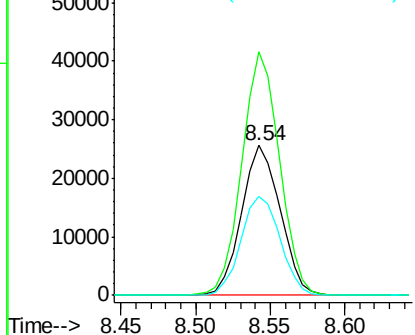
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.04 min
Lab File: BG027384.D
Acq: 12 Jun 2017 20:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 45788
Ion Ratio Lower Upper
152 100
150 162.6 114.0 171.0
115 66.5 48.1 72.1



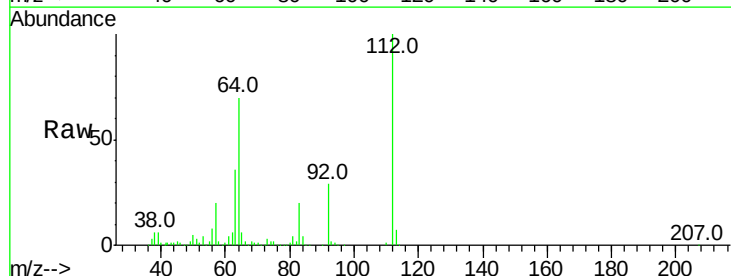
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



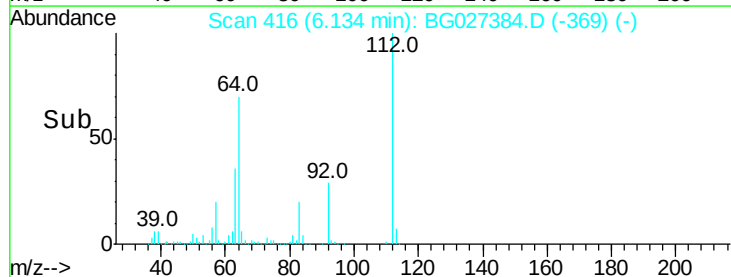
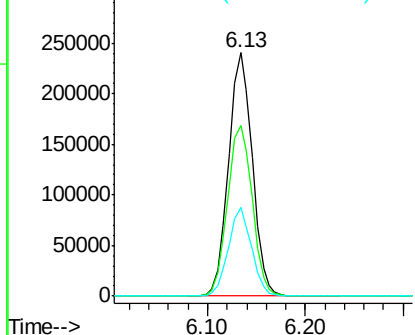
#5

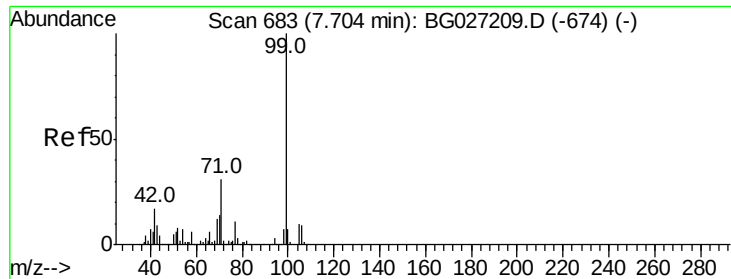
2-Fluorophenol
Concen: 135.69 ng
RT: 6.13 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027384.D
Acq: 12 Jun 2017 20:49

Tgt Ion:112 Resp: 407140
Ion Ratio Lower Upper
112 100
64 70.0 61.8 92.6
63 36.4 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: 121.31 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG027384.D

Acq: 12 Jun 2017 20:49

Instrument :

BNA_G

ClientSampleId :

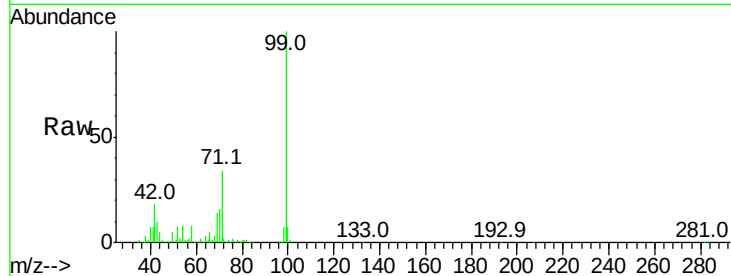
Tot Ion: 99 Resp: 534313

Ion Ratio Lower Upper

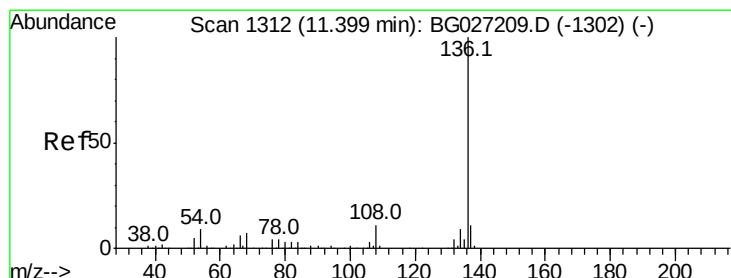
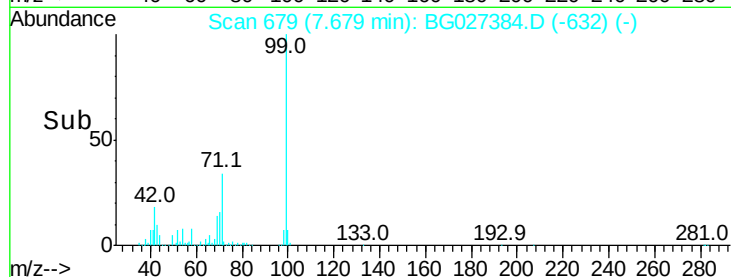
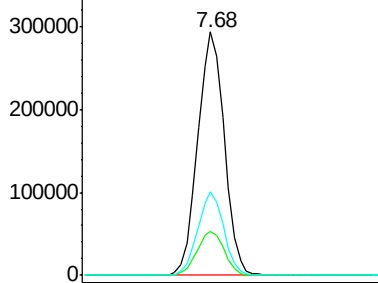
99 100

42 18.1 20.5 30.7#

71 34.2 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: 20.00 ng

RT: 11.36 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027384.D

Acq: 12 Jun 2017 20:49

Tgt Ion: 136 Resp: 202156

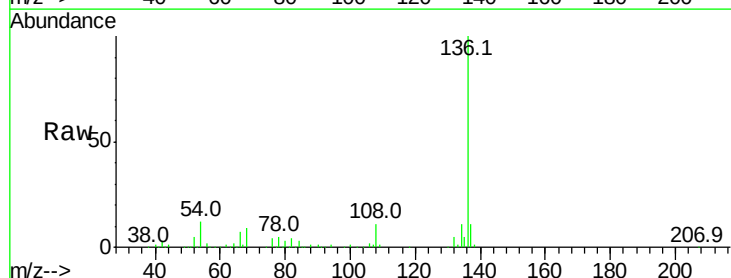
Ion Ratio Lower Upper

136 100

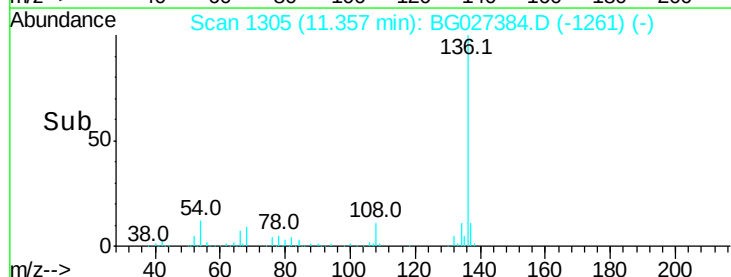
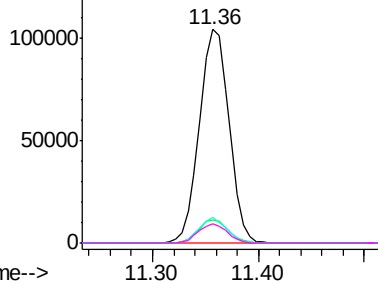
137 10.6 8.9 13.3

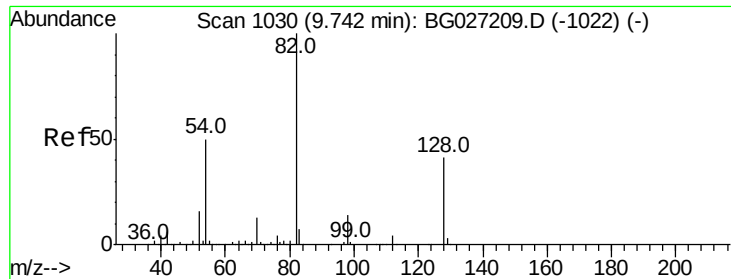
54 11.7 9.3 13.9

68 8.9 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

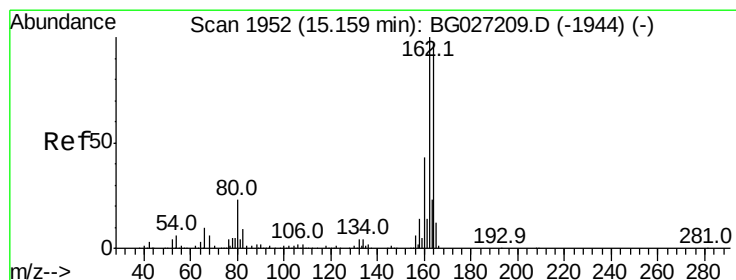
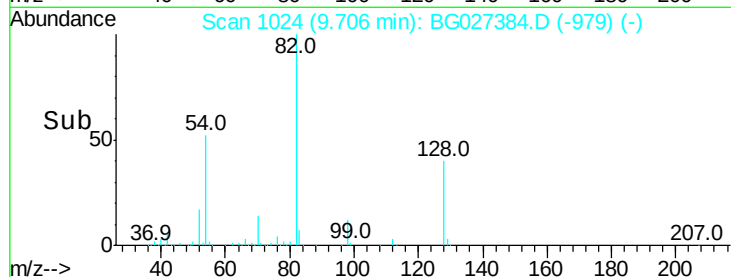
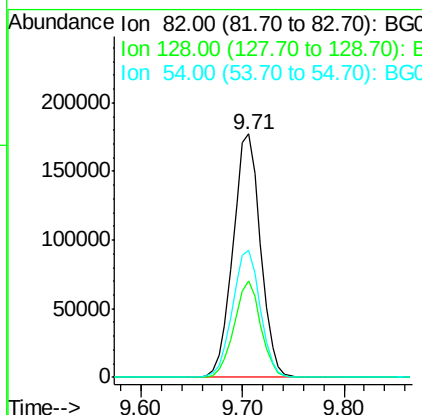
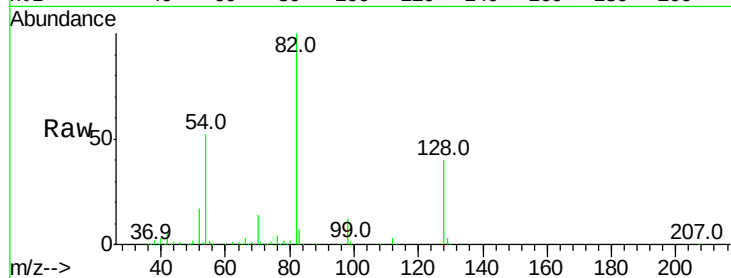




#23
 Nitrobenzene-d5
 Concen: 103.90 ng
 RT: 9.71 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027384.D
 Acq: 12 Jun 2017 20:49

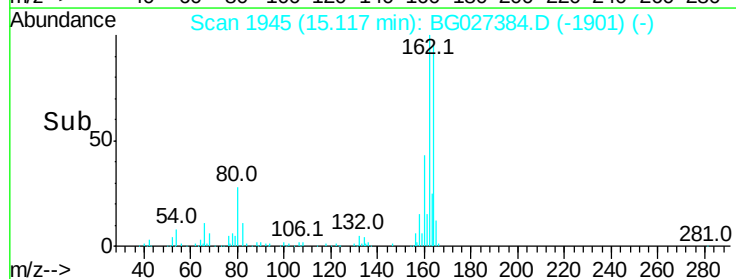
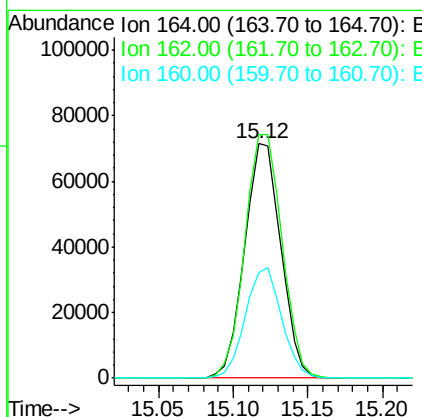
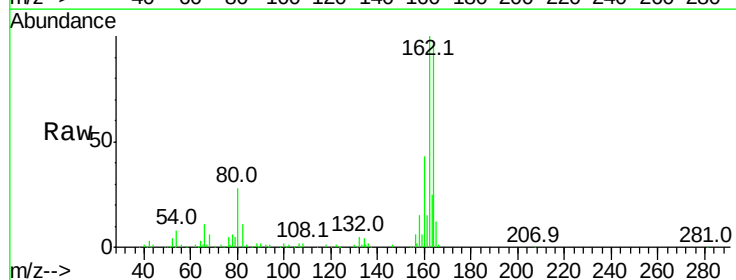
Instrument :
 BNA_G
 ClientSampled :

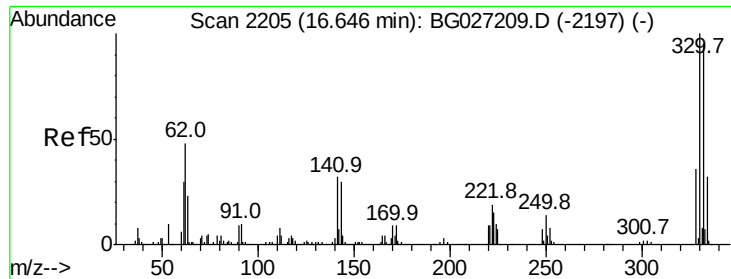
Tot Ion: 82 Resp: 333971
 Ion Ratio Lower Upper
 82 100
 128 39.6 26.4 39.6#
 54 52.4 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BG027384.D
 Acq: 12 Jun 2017 20:49

Tgt Ion:164 Resp: 119854
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.1 127.7
 160 44.7 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 172.97 ng

RT: 16.60 min Scan# 2198

Delta R.T. -0.04 min

Lab File: BG027384.D

Acq: 12 Jun 2017 20:49

Instrument :

BNA_G

ClientSampled :

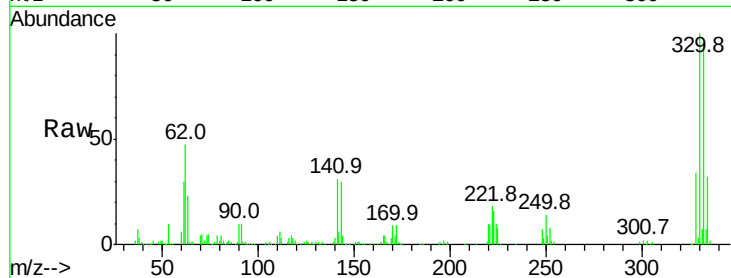
Tot Ion:330 Resp: 272985

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

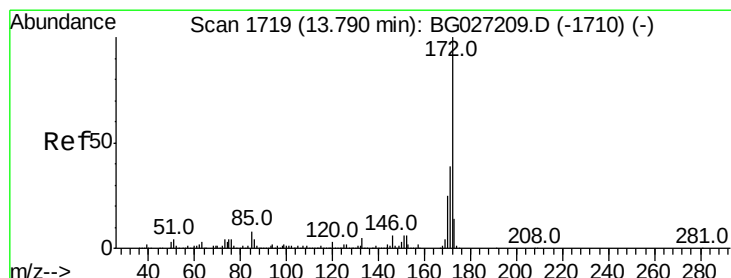
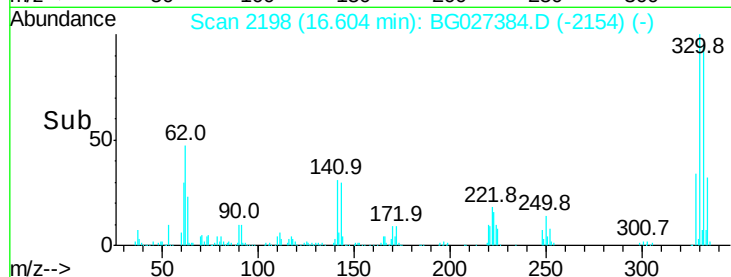
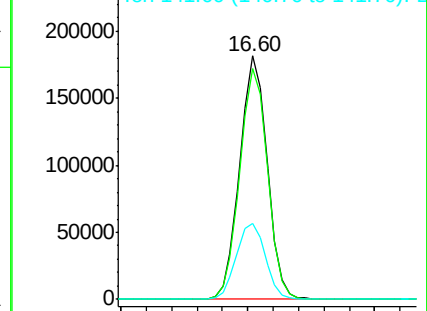
141 33.2 32.1 48.1



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: 87.70 ng

RT: 13.75 min Scan# 1712

Delta R.T. -0.04 min

Lab File: BG027384.D

Acq: 12 Jun 2017 20:49

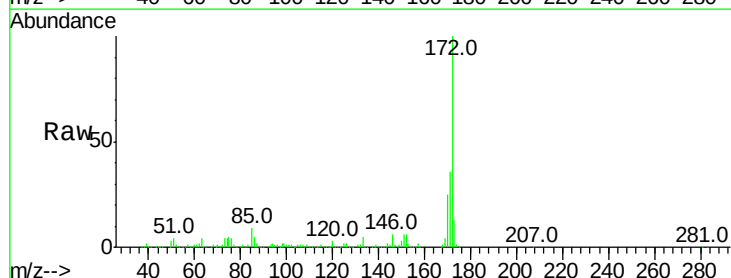
Tgt Ion:172 Resp: 751322

Ion Ratio Lower Upper

172 100

171 36.4 32.2 48.2

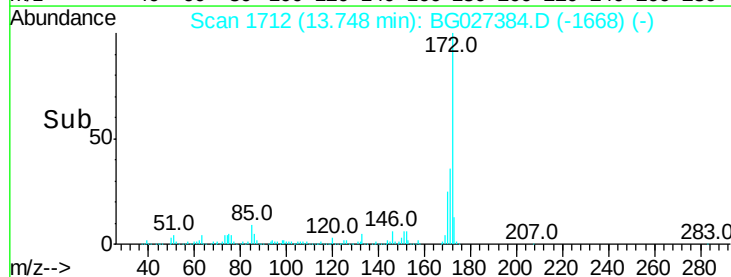
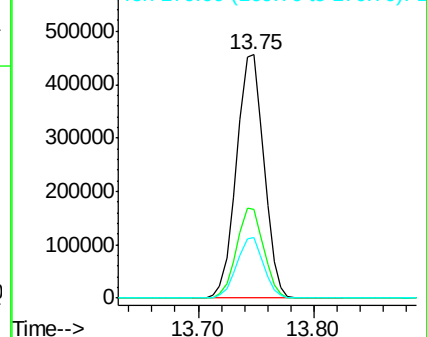
170 24.7 21.8 32.6

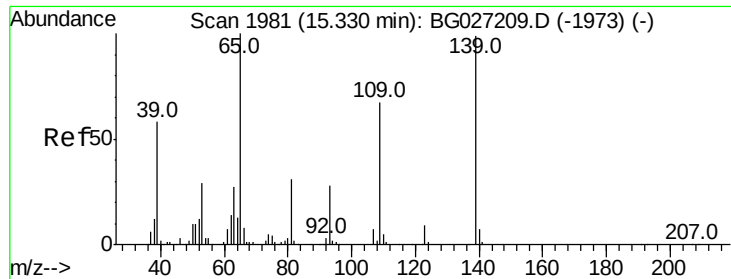


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

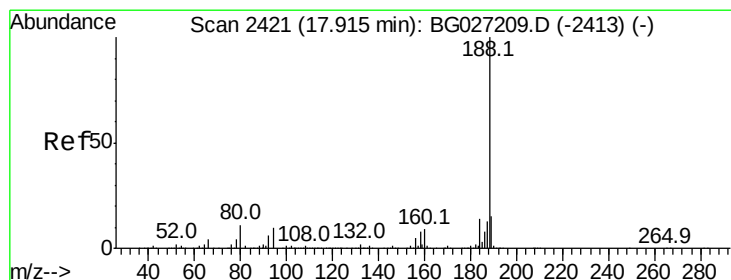
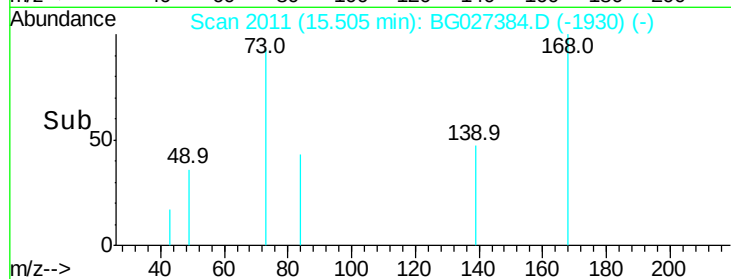
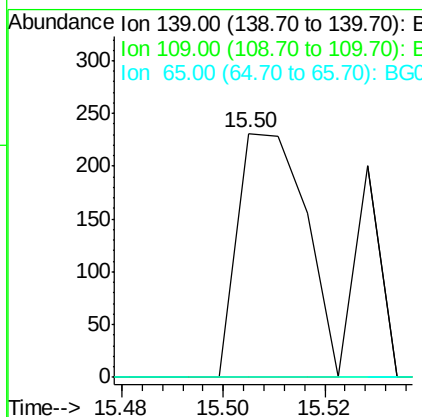
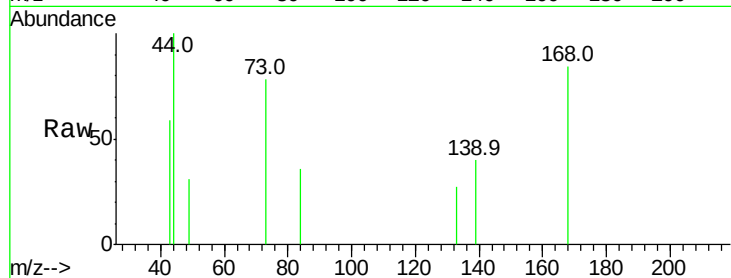




#55
4-Nitrophenol
Concen: 6.24 ng
RT: 15.50 min Scan# 2011
Delta R.T. 0.18 min
Lab File: BG027384.D
Acq: 12 Jun 2017 20:49

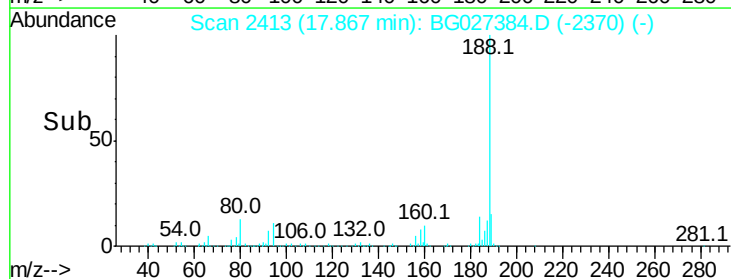
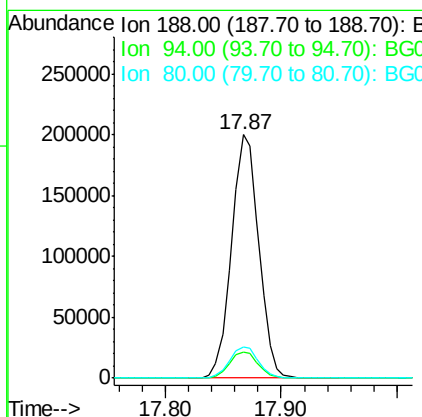
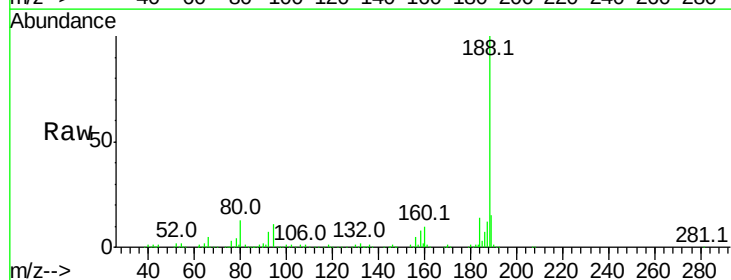
Instrument :
BNA_G
ClientSampleId :

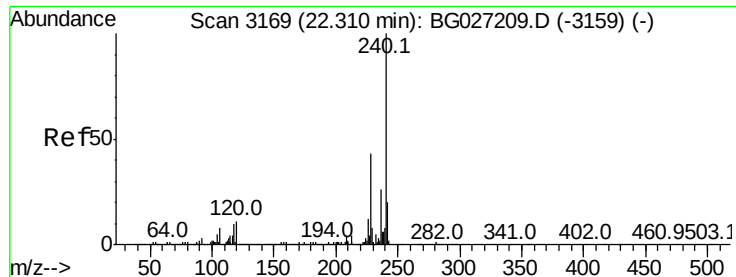
Tot Ion:139 Resp: 217
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2413
Delta R.T. -0.05 min
Lab File: BG027384.D
Acq: 12 Jun 2017 20:49

Tgt Ion:188 Resp: 325928
Ion Ratio Lower Upper
188 100
94 11.0 5.8 8.8#
80 13.0 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027384.D

Acq: 12 Jun 2017 20:49

Instrument :

BNA_G

ClientSampleId :

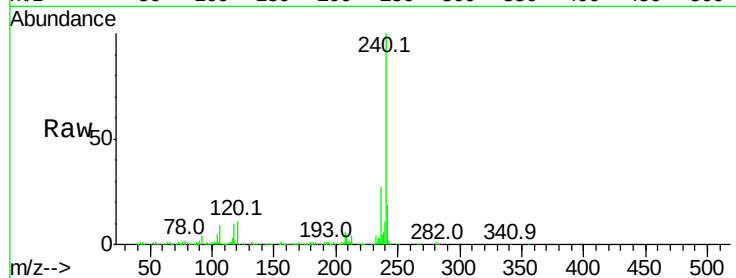
Tot Ion:240 Resp: 383440

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

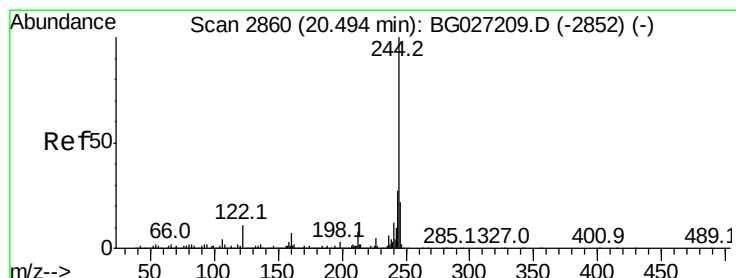
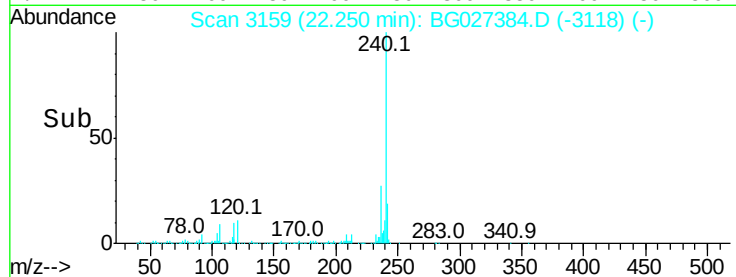
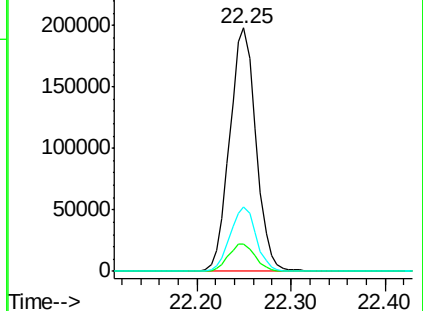
236 26.7 22.2 33.4



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: 104.08 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027384.D

Acq: 12 Jun 2017 20:49

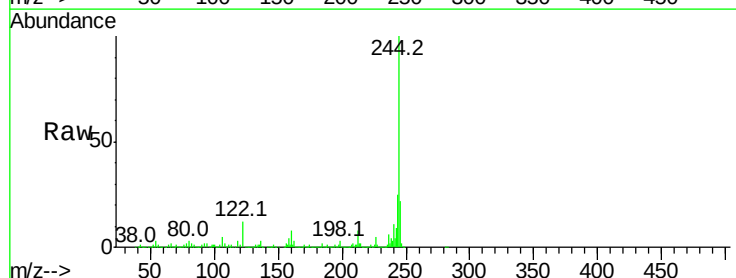
Tgt Ion:244 Resp: 1564476

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

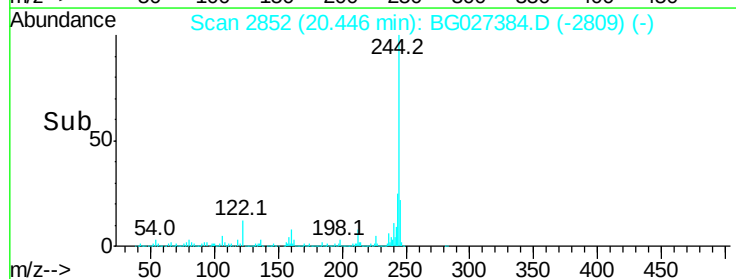
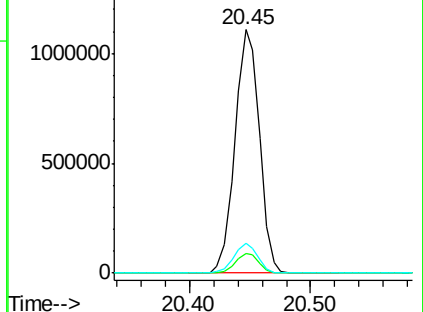
122 12.4 8.6 12.8

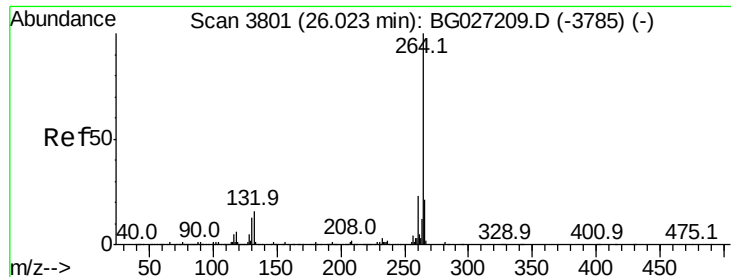


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.92 min Scan# 3784
 Delta R.T. -0.10 min
 Lab File: BG027384.D
 Acq: 12 Jun 2017 20:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	22.2	18.2	27.4

