

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027292.D
 Acq On : 7 Jun 2017 20:37
 Operator : SJ/MA
 Sample : I3473-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 06:11:16 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

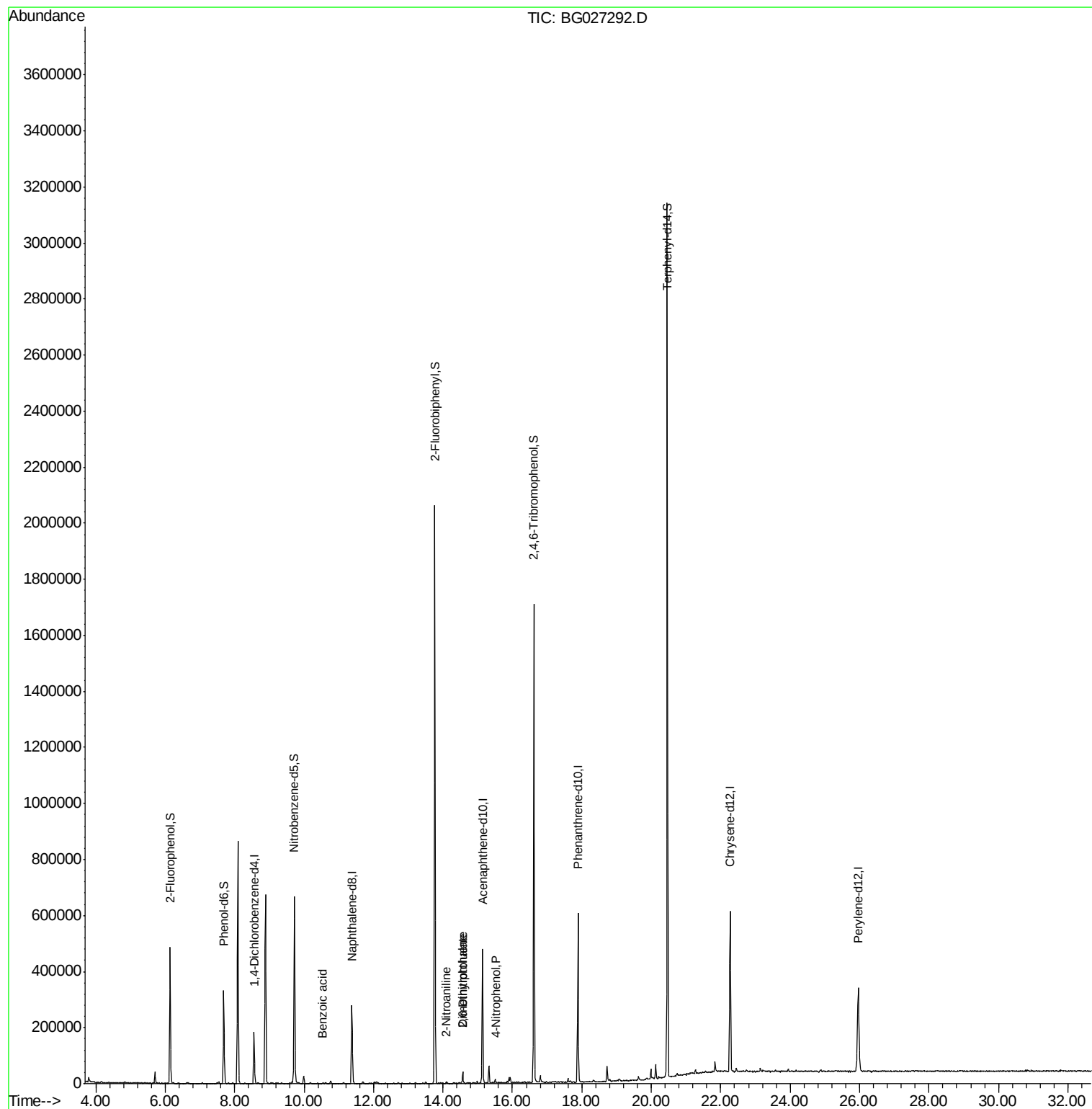
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	51660	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	255814	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	172352	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	390588	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	400593	20.00	ng	-0.04
86) Perylene-d12	25.96	264	371923	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	232526	68.69	ng	-0.01
7) Phenol-d6	7.69	99	212551	42.77	ng	-0.01
23) Nitrobenzene-d5	9.72	82	440207	108.22	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	339883	149.76	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	1109076	90.02	ng	-0.03
78) Terphenyl-d14	20.46	244	1461844	93.09	ng	-0.03
Target Compounds						
32) Benzoic acid	10.55	122	202	8.08	ng	# 82
47) 2-Nitroaniline	14.09	65	187	6.88	ng	# 16
49) Dimethylphthalate	14.57	163	28563	2.09	ng	# 95
50) 2,6-Dinitrotoluene	14.57	165	255	5.70	ng	# 32
55) 4-Nitrophenol	15.53	139	53	6.14	ng	# 1

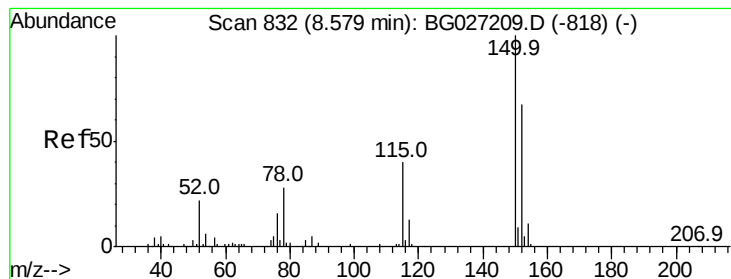
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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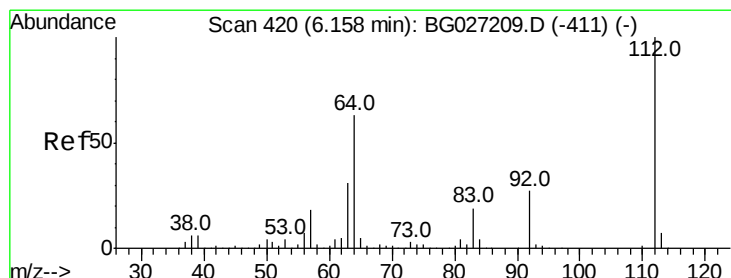
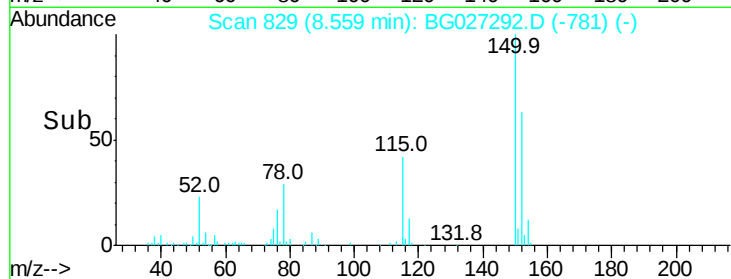
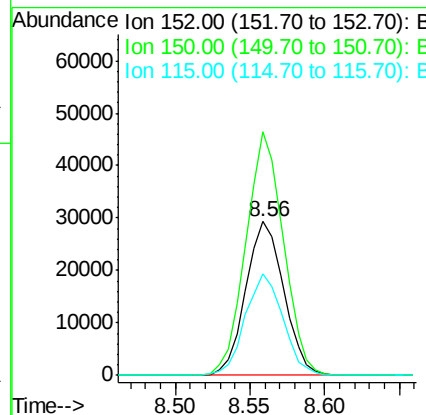
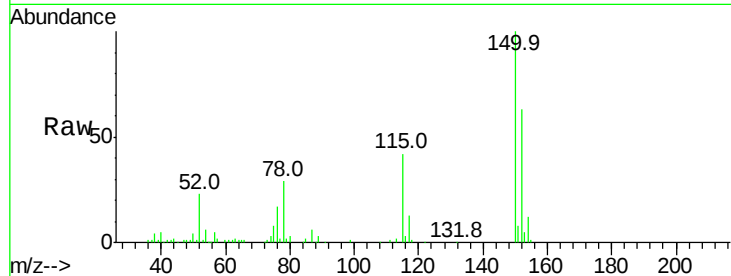


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027292.D
Acq: 7 Jun 2017 20:37

Instrument :
BNA_G
ClientSampleId :

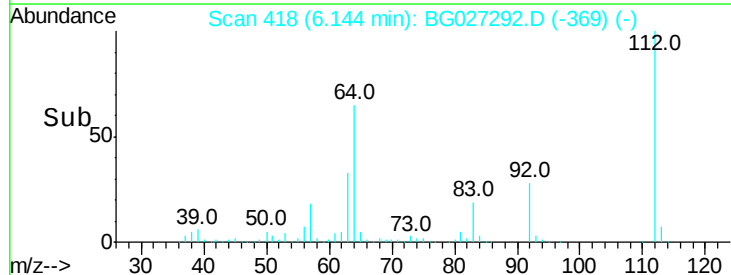
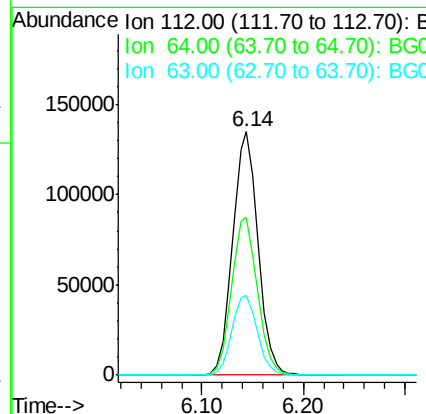
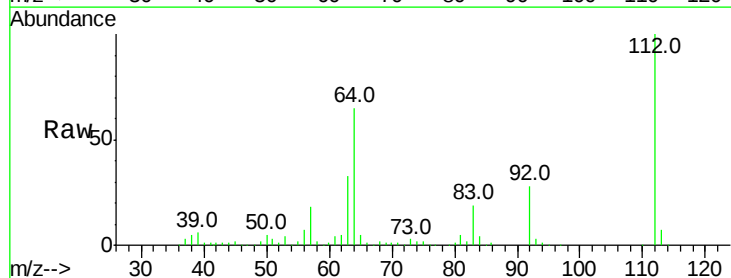
Tot Ion:152 Resp: 51660
Ion Ratio Lower Upper
152 100
150 158.6 114.0 171.0
115 66.1 48.1 72.1

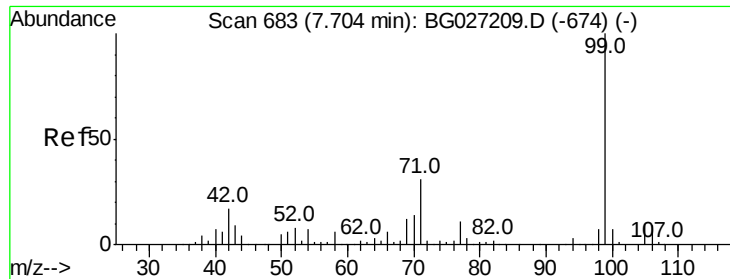


#5

2-Fluorophenol
Concen: 68.69 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027292.D
Acq: 7 Jun 2017 20:37

Tgt Ion:112 Resp: 232526
Ion Ratio Lower Upper
112 100
64 64.8 61.8 92.6
63 32.8 37.2 55.8#





#7

Phenol-d6

Concen: 42.77 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027292.D

Acq: 7 Jun 2017 20:37

Instrument :

BNA_G

ClientSampleId :

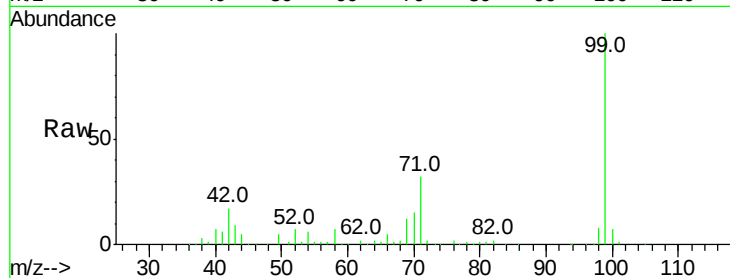
Tot Ion: 99 Resp: 212551

Ion Ratio Lower Upper

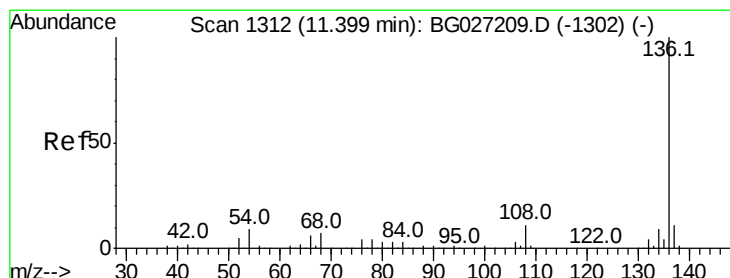
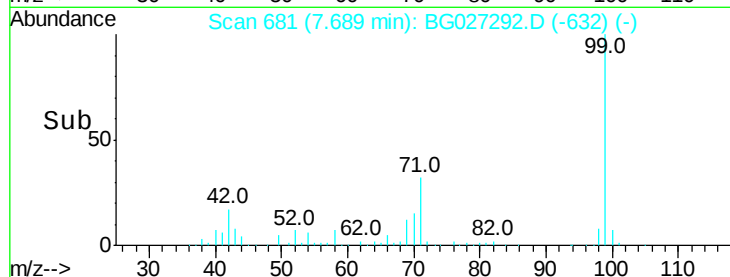
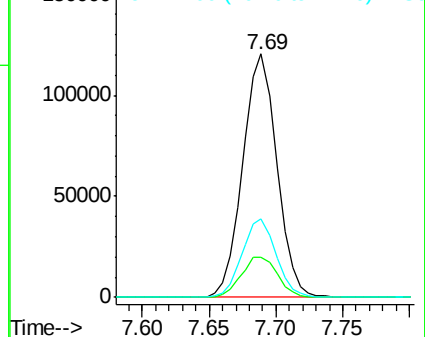
99 100

42 16.5 20.5 30.7#

71 32.0 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: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027292.D

Acq: 7 Jun 2017 20:37

Tgt Ion: 136 Resp: 255814

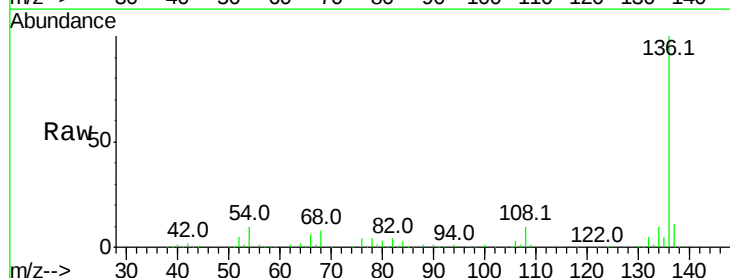
Ion Ratio Lower Upper

136 100

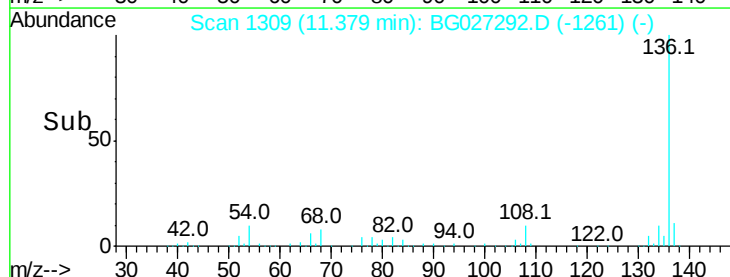
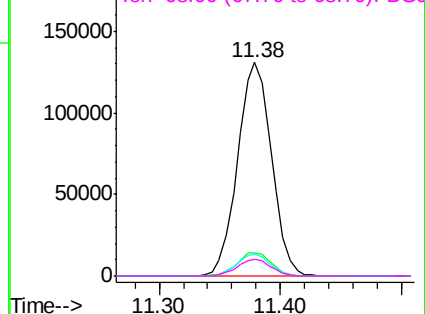
137 10.7 8.9 13.3

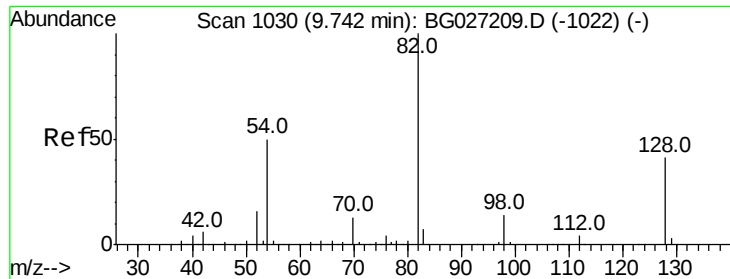
54 9.9 9.3 13.9

68 7.8 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

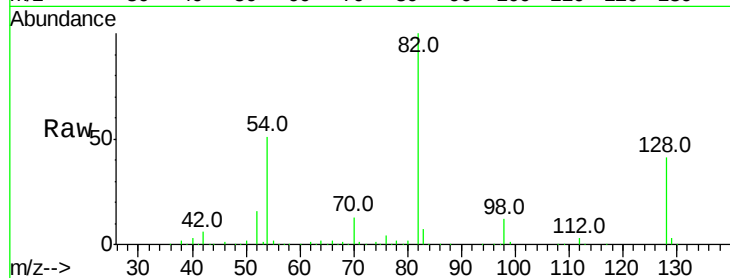




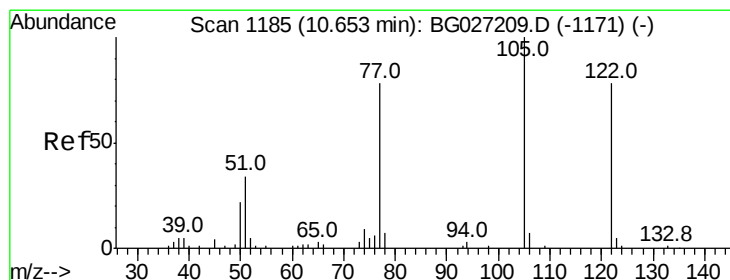
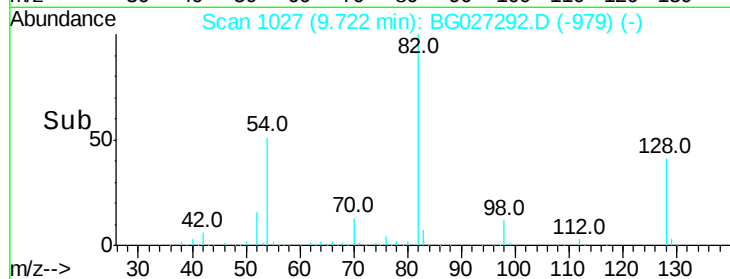
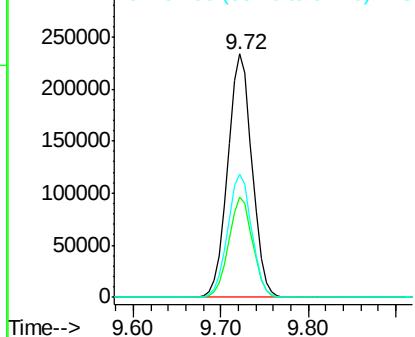
#23
 Nitrobenzene-d5
 Concen: 108.22 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027292.D
 Acq: 7 Jun 2017 20:37

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion: 82 Resp: 440207
 Ion Ratio Lower Upper
 82 100
 128 41.2 26.4 39.6#
 54 50.6 49.4 74.2

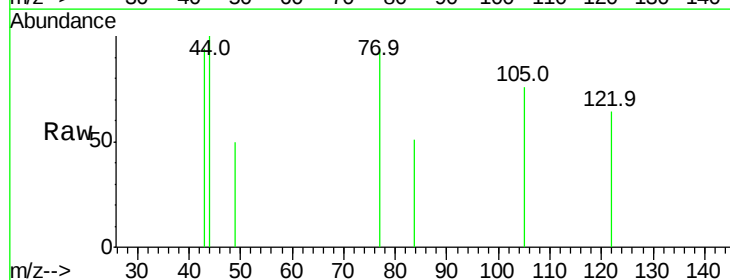


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

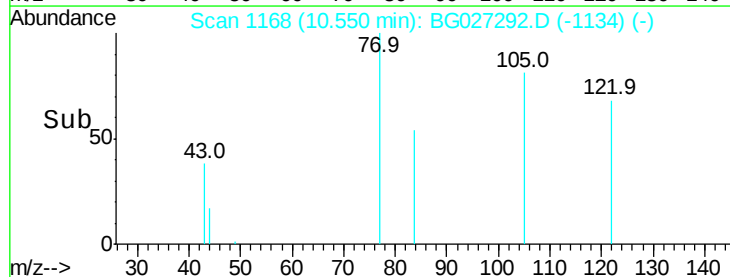
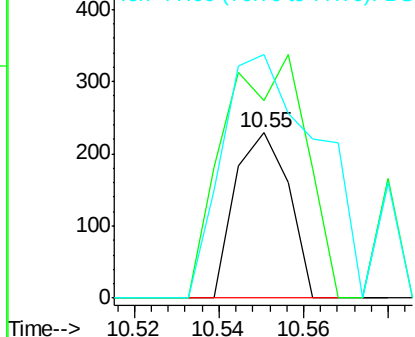


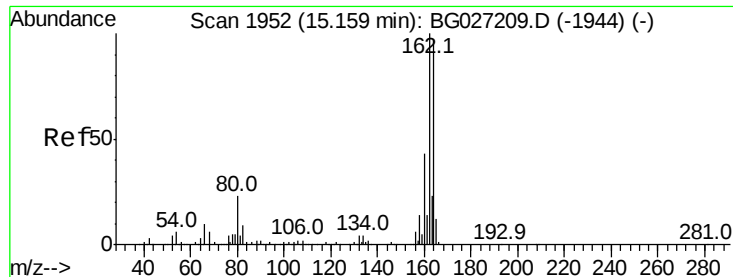
#32
 Benzoic acid
 Concen: 8.08 ng
 RT: 10.55 min Scan# 1168
 Delta R.T. -0.10 min
 Lab File: BG027292.D
 Acq: 7 Jun 2017 20:37

Tgt Ion:122 Resp: 202
 Ion Ratio Lower Upper
 122 100
 105 119.7 120.1 160.1#
 77 147.2 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC

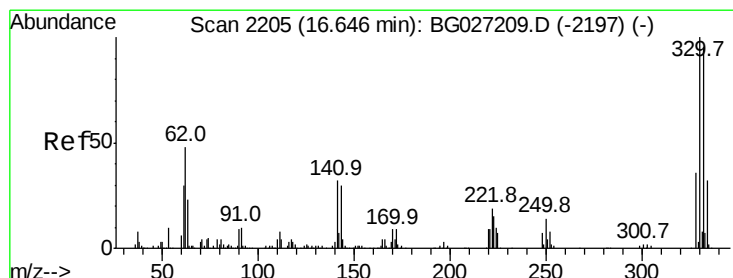
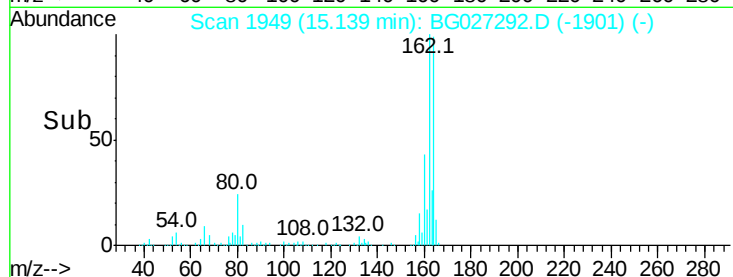
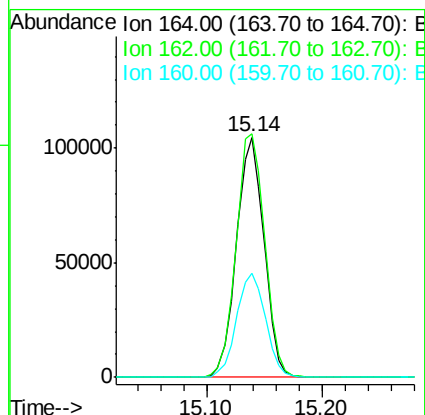
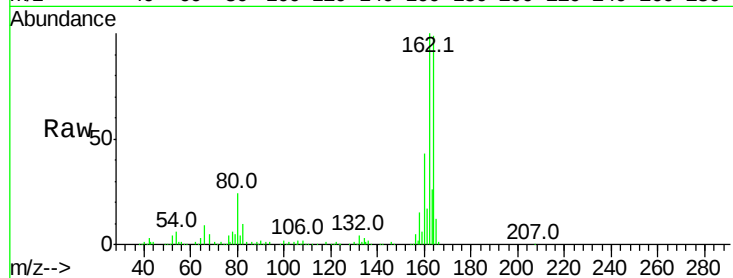




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027292.D
Acq: 7 Jun 2017 20:37

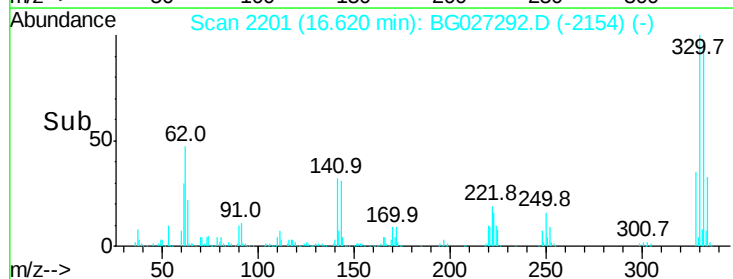
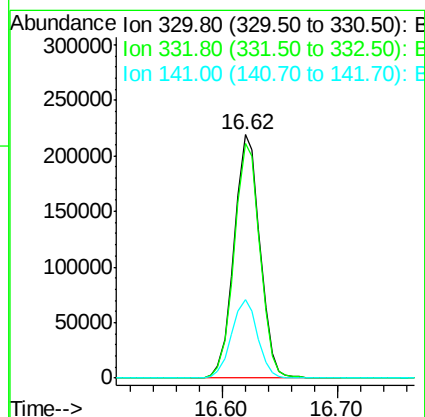
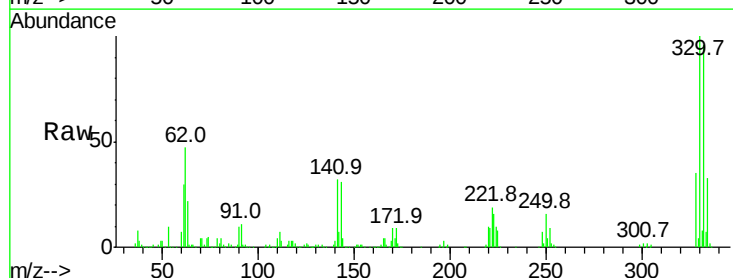
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 172352
Ion Ratio Lower Upper
164 100
162 101.4 85.1 127.7
160 43.4 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 149.76 ng
RT: 16.62 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG027292.D
Acq: 7 Jun 2017 20:37

Tgt Ion:330 Resp: 339883
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 32.7 32.1 48.1

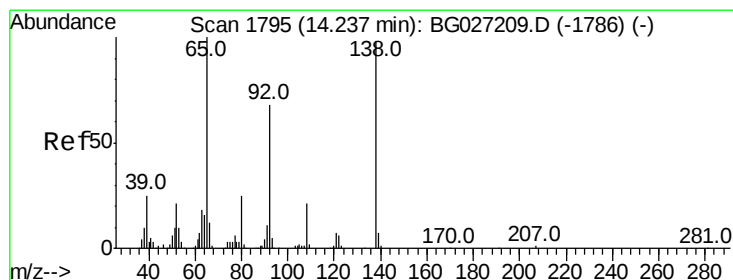
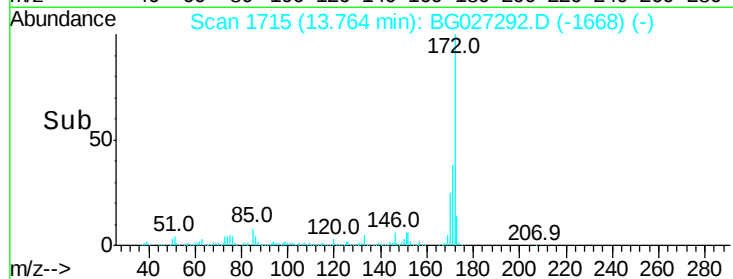
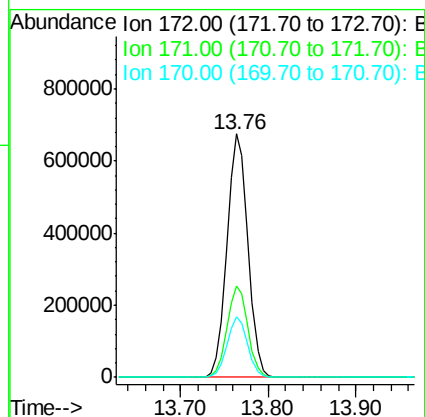
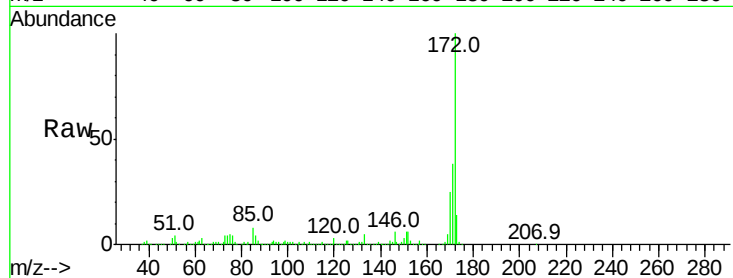




#44
2-Fluorobiphenyl
Concen: 90.02 ng
RT: 13.76 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027292.D
Acq: 7 Jun 2017 20:37

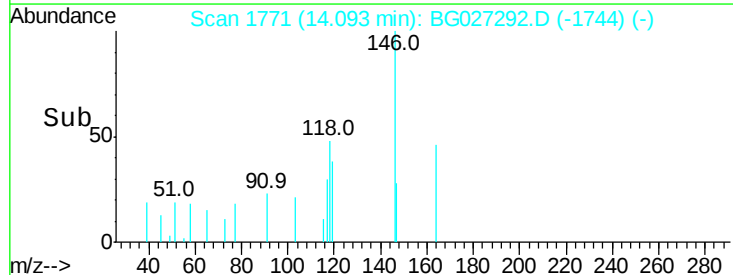
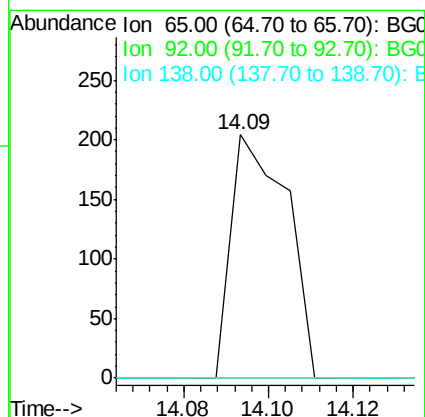
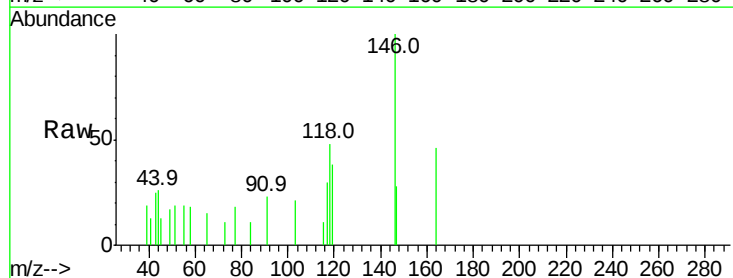
Instrument :
BNA_G
ClientSampled :

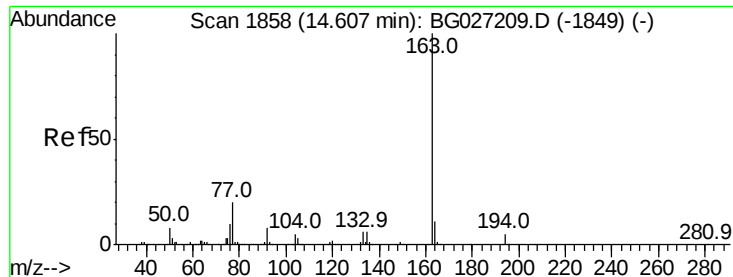
Tot Ion:172 Resp: 1109076
Ion Ratio Lower Upper
172 100
171 37.6 32.2 48.2
170 25.0 21.8 32.6



#47
2-Nitroaniline
Concen: 6.88 ng
RT: 14.09 min Scan# 1771
Delta R.T. -0.14 min
Lab File: BG027292.D
Acq: 7 Jun 2017 20:37

Tgt Ion: 65 Resp: 187
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.4#
138 0.0 58.6 87.8#





#49

Dimethylphthalate

Concen: 2.09 ng

RT: 14.57 min Scan# 1852

Delta R.T. -0.04 min

Lab File: BG027292.D

Acq: 7 Jun 2017 20:37

Instrument :

BNA_G

ClientSampleId :

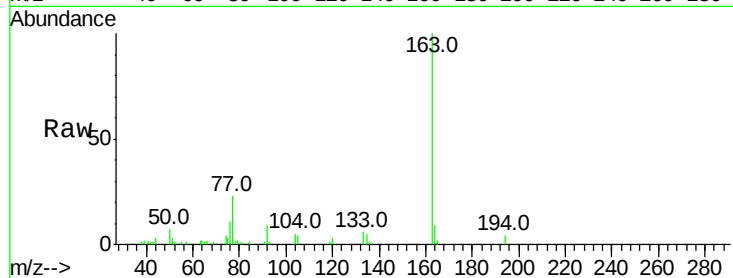
Tot Ion:163 Resp: 28563

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

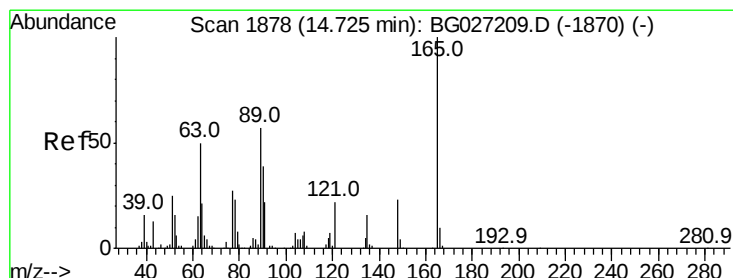
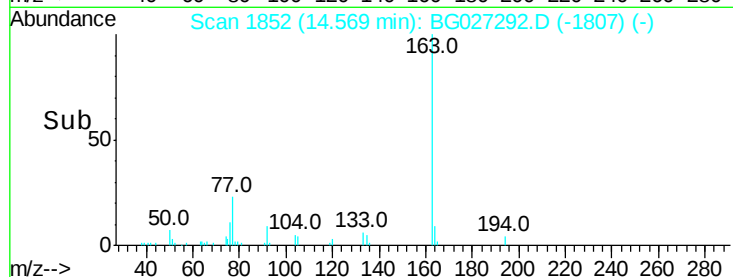
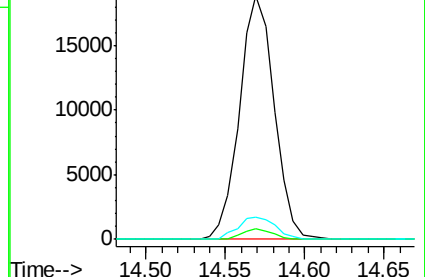
164 9.1 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 5.70 ng

RT: 14.57 min Scan# 1852

Delta R.T. -0.15 min

Lab File: BG027292.D

Acq: 7 Jun 2017 20:37

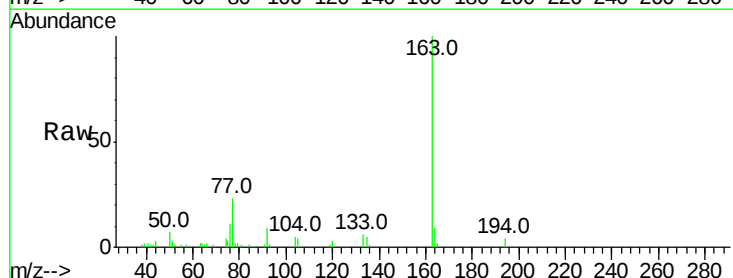
Tgt Ion:165 Resp: 255

Ion Ratio Lower Upper

165 100

63 125.0 63.9 95.9#

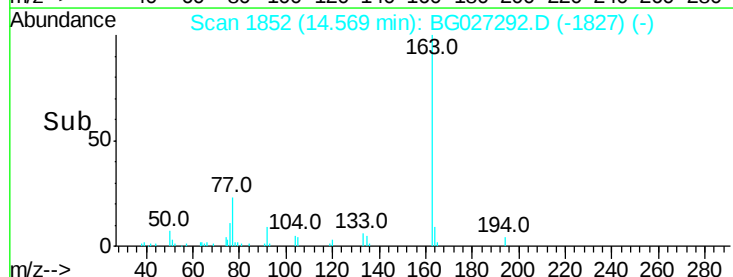
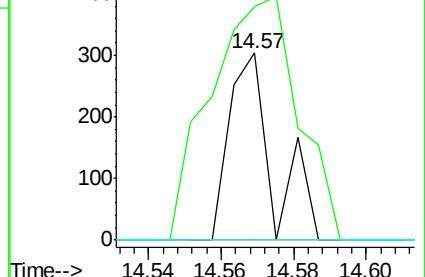
89 0.0 58.6 88.0#

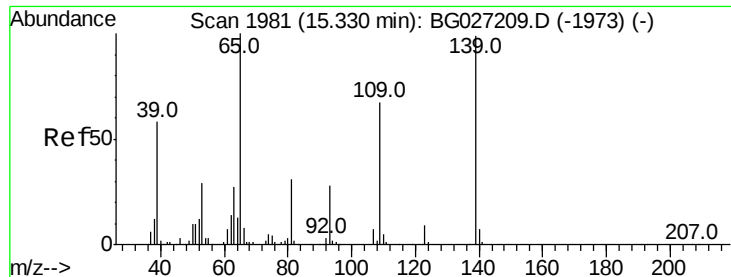


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

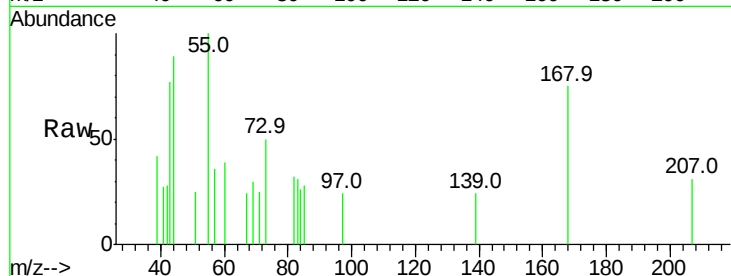




#55
4-Nitrophenol
Concen: 6.14 ng
RT: 15.53 min Scan# 2015
Delta R.T. 0.20 min
Lab File: BG027292.D
Acq: 7 Jun 2017 20:37

Instrument :
BNA_G
ClientSampleId :

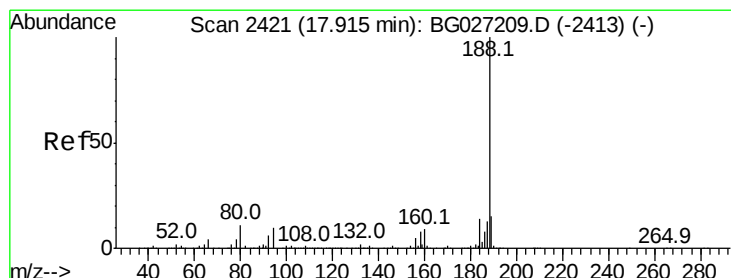
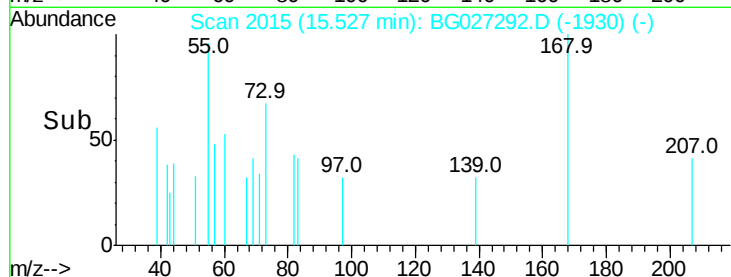
Tot Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

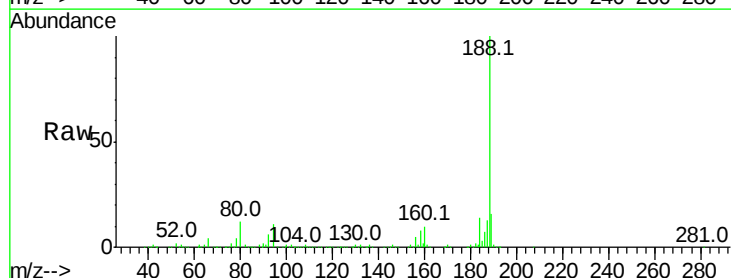
15.53

Time-->



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027292.D
Acq: 7 Jun 2017 20:37

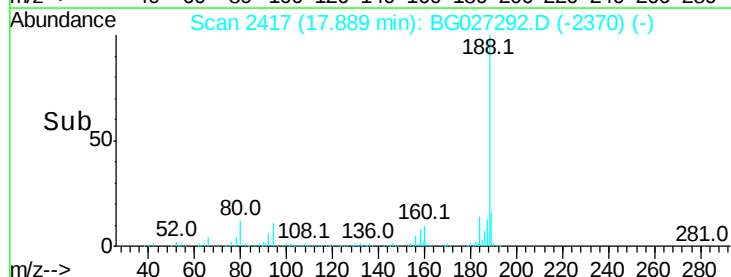
Tgt Ion:188 Resp: 390588
Ion Ratio Lower Upper
188 100
94 10.5 5.8 8.8#
80 11.8 7.5 11.3#

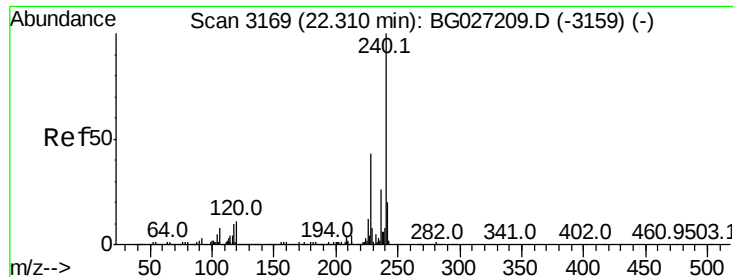


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

17.89

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.27 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG027292.D

Acq: 7 Jun 2017 20:37

Instrument :

BNA_G

ClientSampleId :

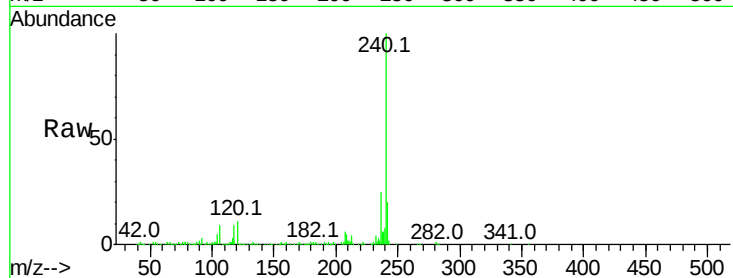
Tot Ion:240 Resp: 400593

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

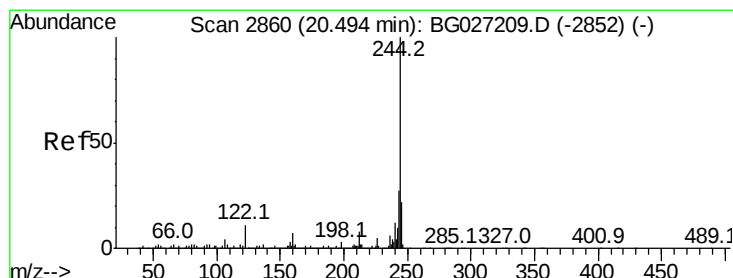
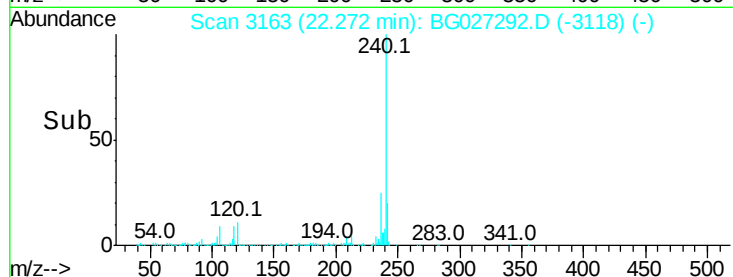
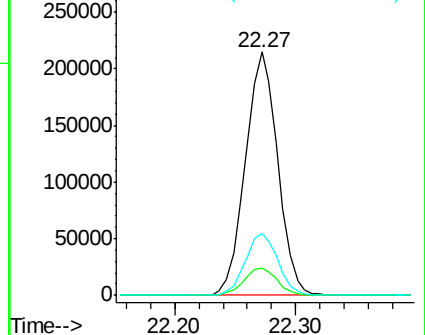
236 25.3 22.2 33.4



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: 93.09 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027292.D

Acq: 7 Jun 2017 20:37

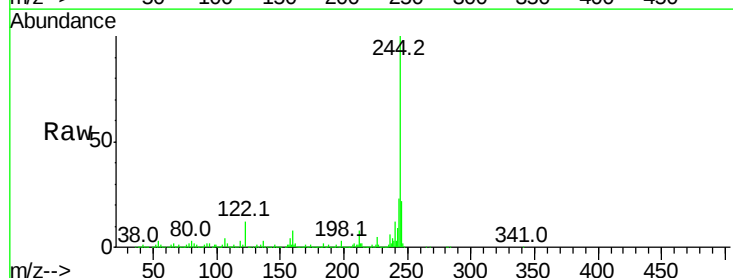
Tgt Ion:244 Resp: 1461844

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

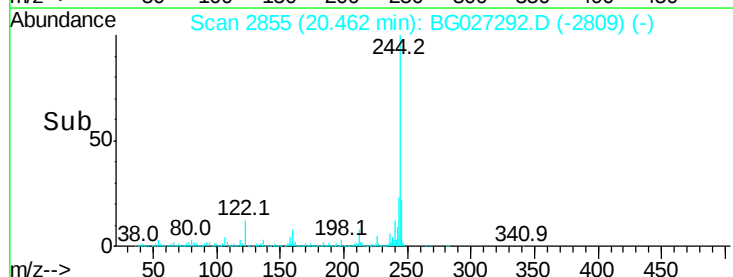
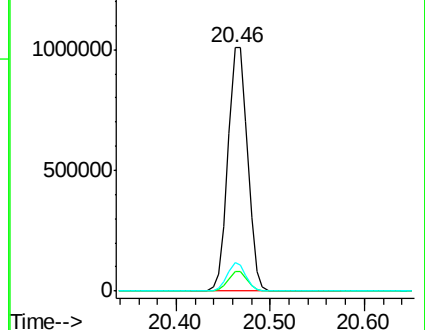
122 11.6 8.6 12.8

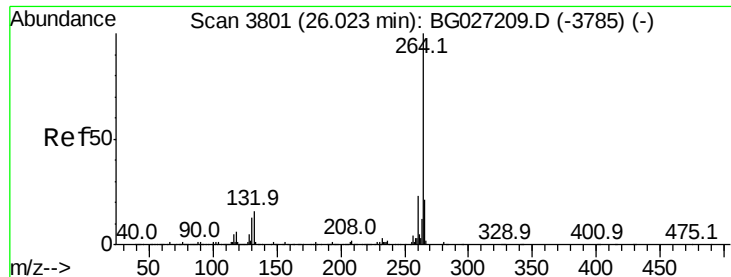


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

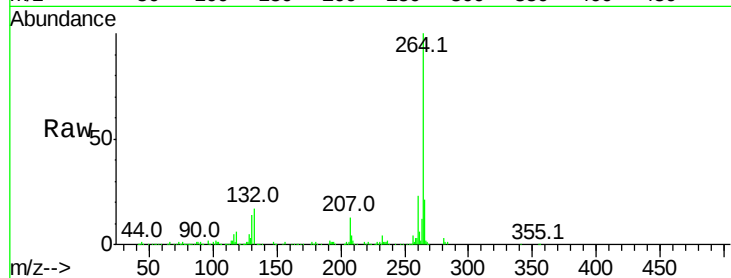




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.96 min Scan# 3790
Delta R.T. -0.07 min
Lab File: BG027292.D
Acq: 7 Jun 2017 20:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	20.9	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

