

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027296.D
 Acq On : 7 Jun 2017 23:14
 Operator : SJ/MA
 Sample : I3473-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 06:12:12 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

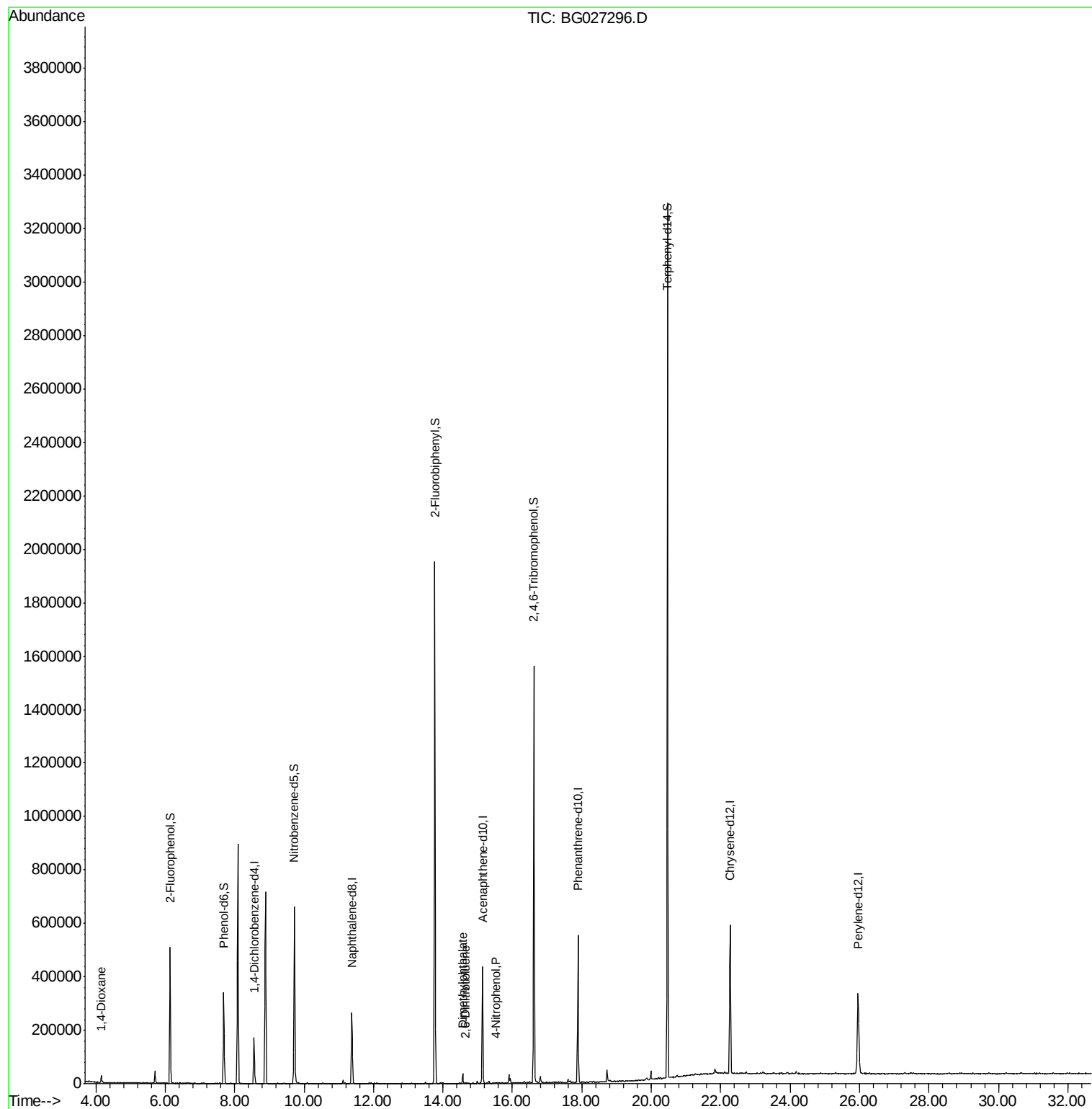
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	49290	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	241003	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	155673	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	360431	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	396118	20.00	ng	-0.04
86) Perylene-d12	25.96	264	367792	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	243361	75.34	ng	-0.01
7) Phenol-d6	7.69	99	223735	47.19	ng	-0.01
23) Nitrobenzene-d5	9.72	82	437780	114.24	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	317465	154.87	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	1058164	95.09	ng	-0.03
78) Terphenyl-d14	20.47	244	1512532	97.41	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	4.16	88	16599	12.39	ng	# 86
49) Dimethylphthalate	14.57	163	25019	2.03	ng	97
50) 2,6-Dinitrotoluene	14.64	165	121	5.66	ng	# 11
55) 4-Nitrophenol	15.53	139	57	6.15	ng	# 1

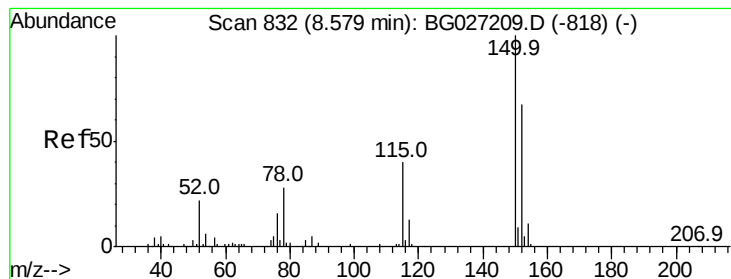
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027296.D

Acq: 7 Jun 2017 23:14

Instrument :

BNA_G

ClientSampleId :

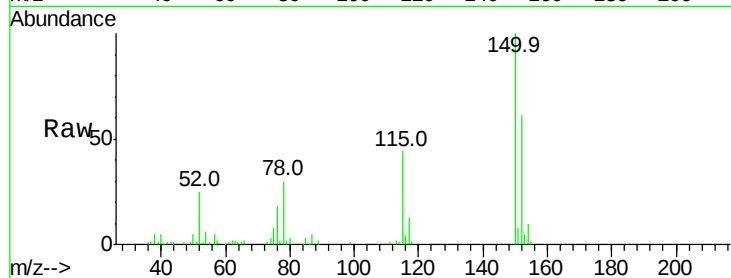
Tot Ion:152 Resp: 49290

Ion Ratio Lower Upper

152 100

150 163.2 114.0 171.0

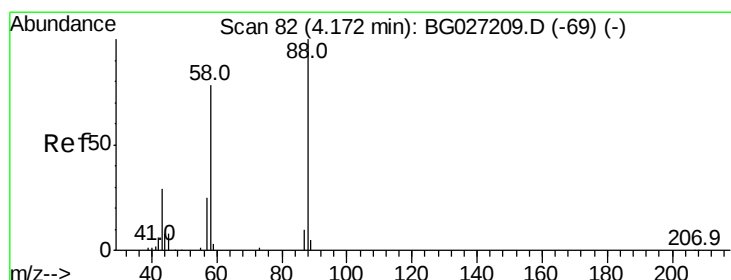
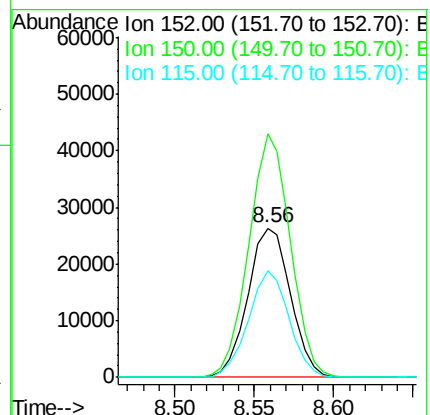
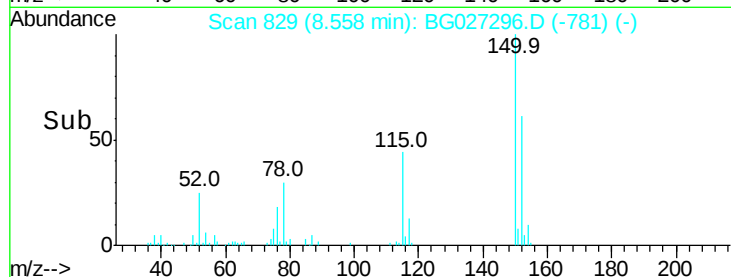
115 71.4 48.1 72.1



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



#2

1,4-Dioxane

Concen: 12.39 ng

RT: 4.16 min Scan# 80

Delta R.T. -0.01 min

Lab File: BG027296.D

Acq: 7 Jun 2017 23:14

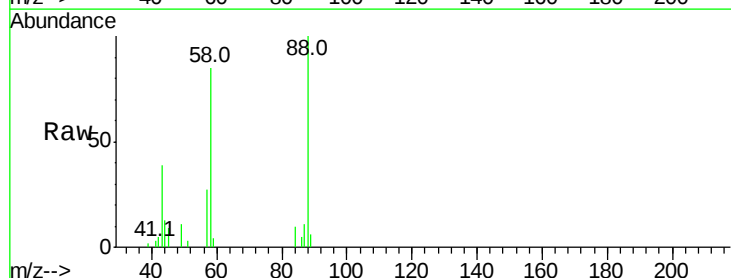
Tgt Ion: 88 Resp: 16599

Ion Ratio Lower Upper

88 100

58 85.2 79.4 119.2

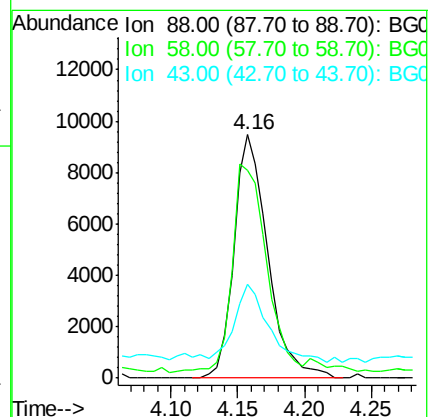
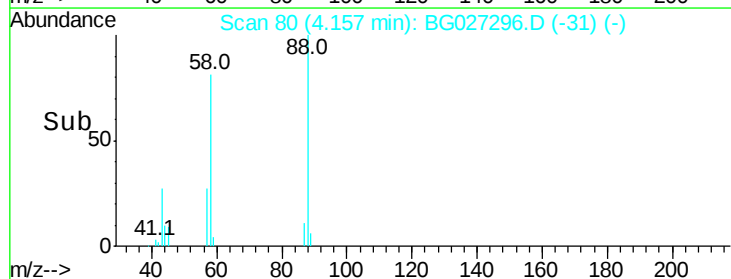
43 32.8 33.8 50.6#

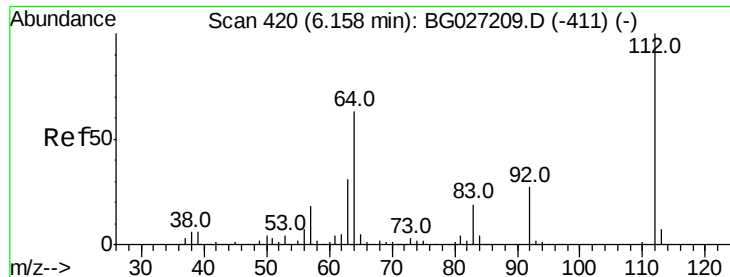


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 75.34 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027296.D

Acq: 7 Jun 2017 23:14

Instrument :

BNA_G

ClientSampled :

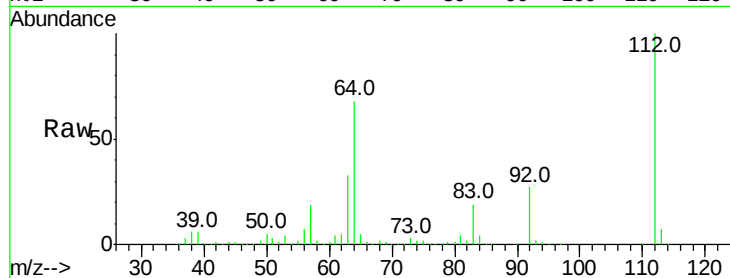
Tot Ion:112 Resp: 243361

Ion Ratio Lower Upper

112 100

64 67.8 61.8 92.6

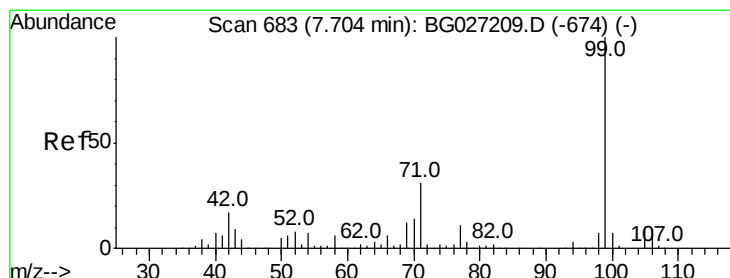
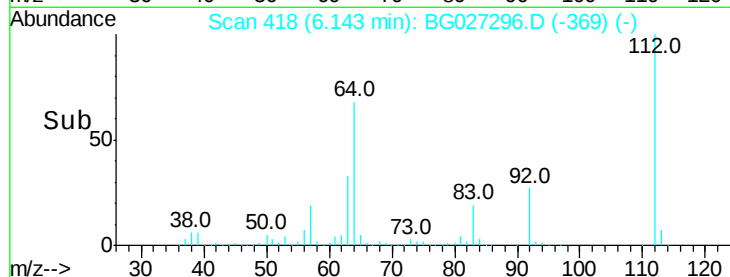
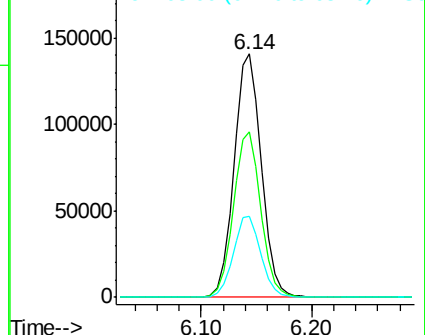
63 33.4 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 47.19 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027296.D

Acq: 7 Jun 2017 23:14

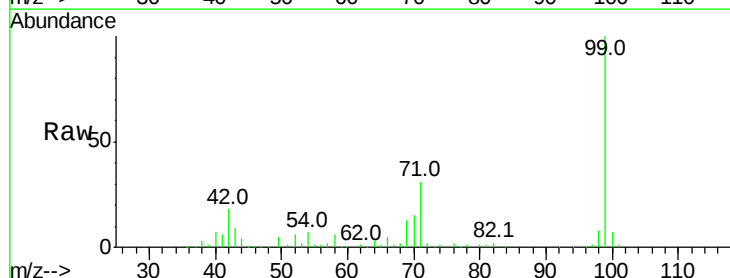
Tgt Ion: 99 Resp: 223735

Ion Ratio Lower Upper

99 100

42 18.0 20.5 30.7#

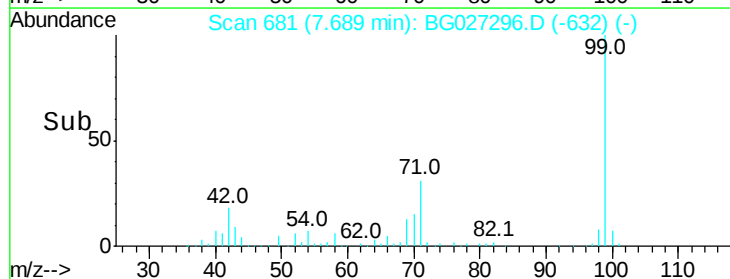
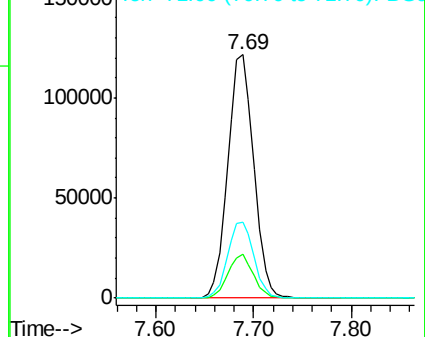
71 31.4 37.6 56.4#

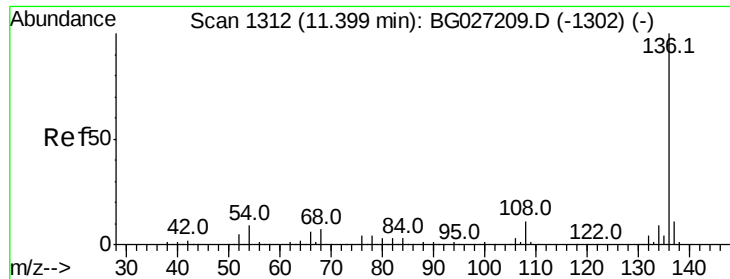


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

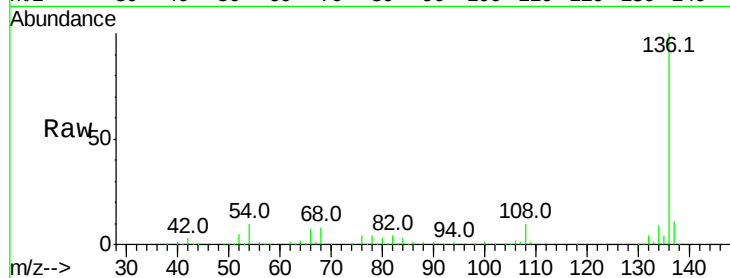




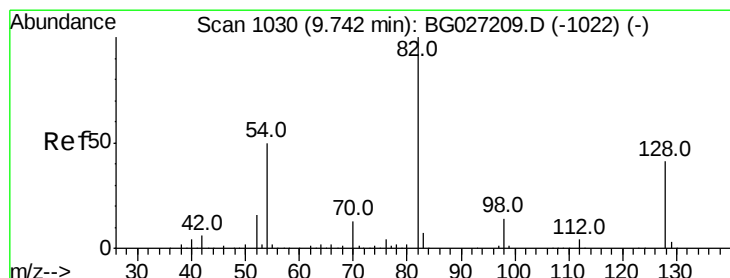
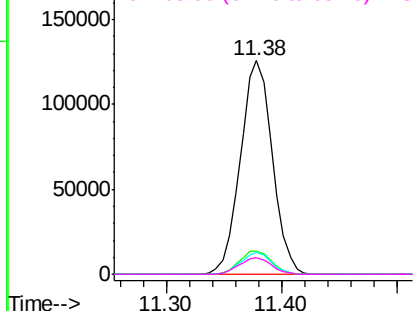
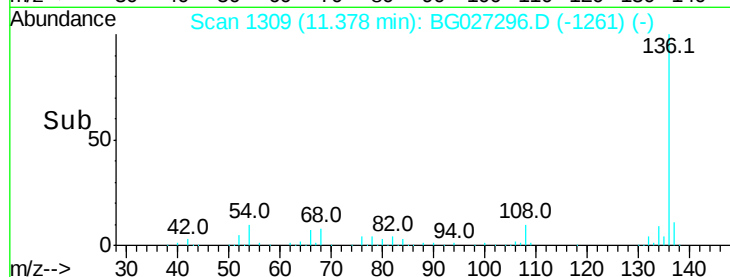
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.38 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BG027296.D
Acq: 7 Jun 2017 23:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	241003
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.3	9.3	13.9
68	8.0	5.1	7.7#

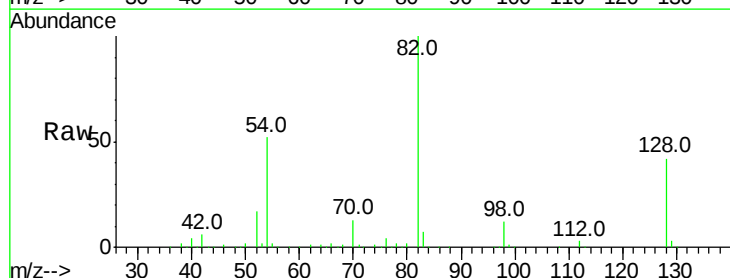


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

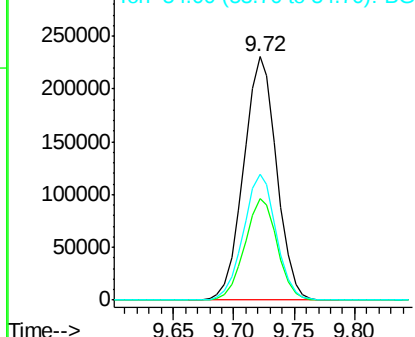
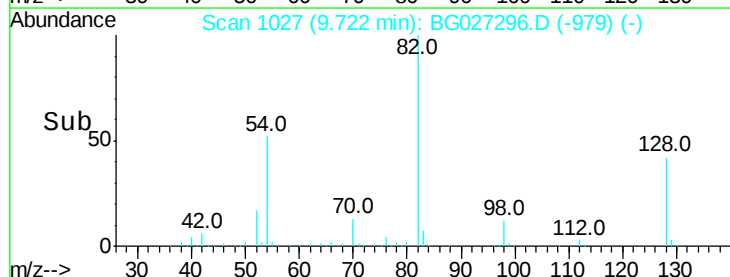


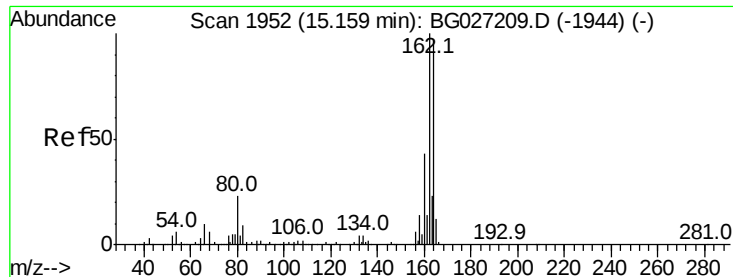
#23
Nitrobenzene-d5
Concen: 114.24 ng
RT: 9.72 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG027296.D
Acq: 7 Jun 2017 23:14

Tgt Ion:	82	Resp:	437780
Ion	Ratio	Lower	Upper
82	100		
128	41.6	26.4	39.6#
54	51.9	49.4	74.2



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

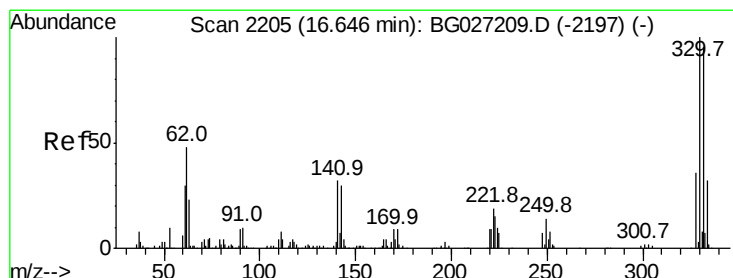
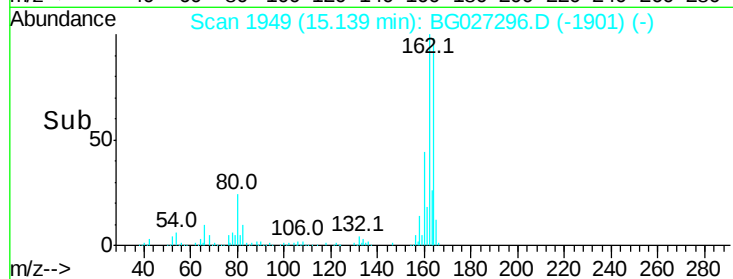
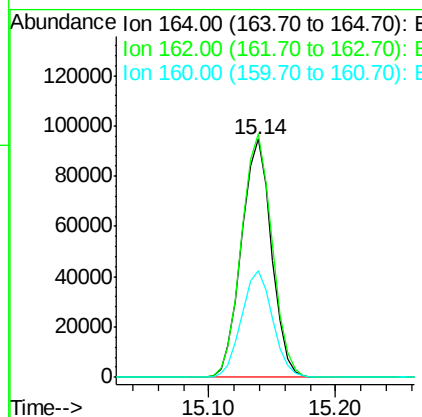
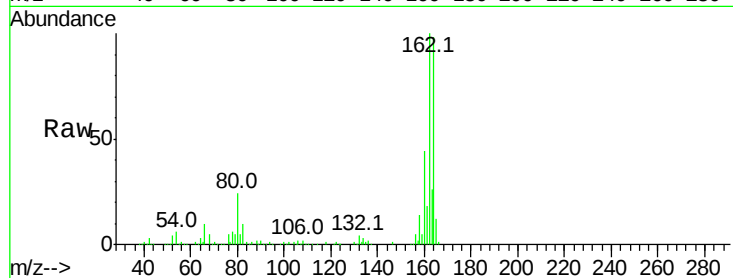




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027296.D
 Acq: 7 Jun 2017 23:14

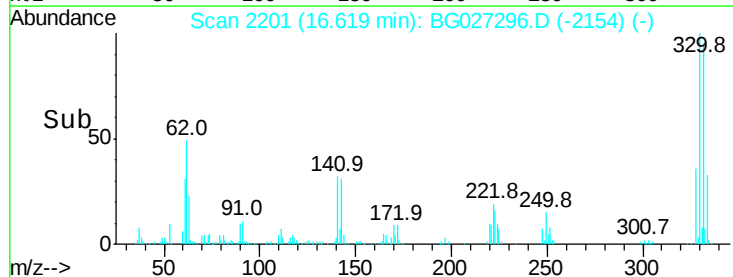
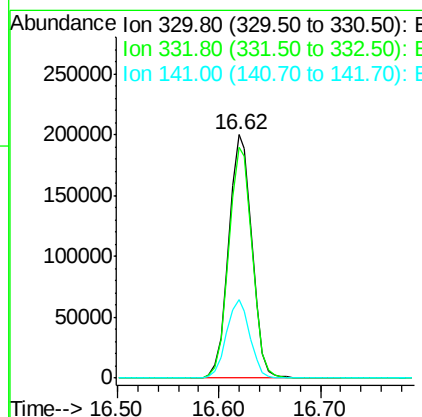
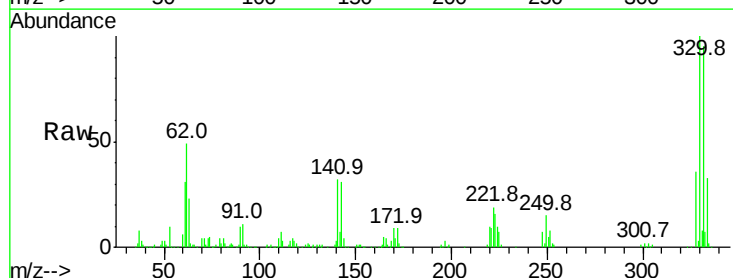
Instrument :
 BNA_G
 ClientSampleId :

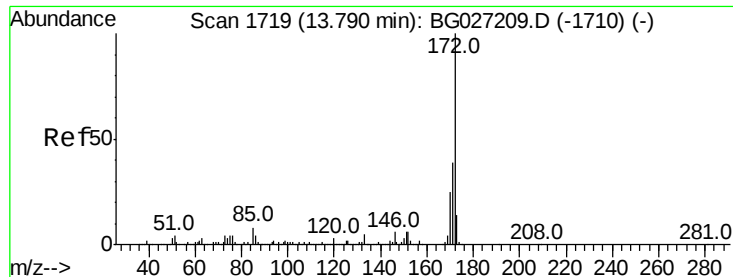
Tot Ion:164 Resp: 155673
 Ion Ratio Lower Upper
 164 100
 162 102.3 85.1 127.7
 160 44.8 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 154.87 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027296.D
 Acq: 7 Jun 2017 23:14

Tgt Ion:330 Resp: 317465
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 32.5 32.1 48.1

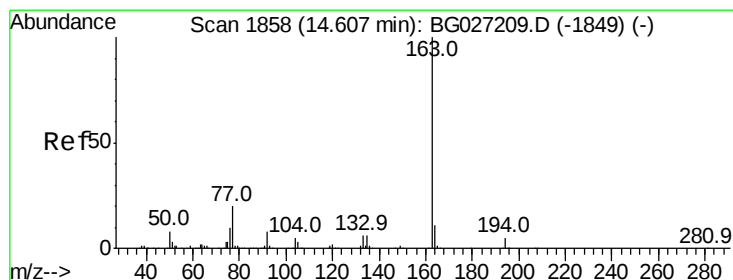
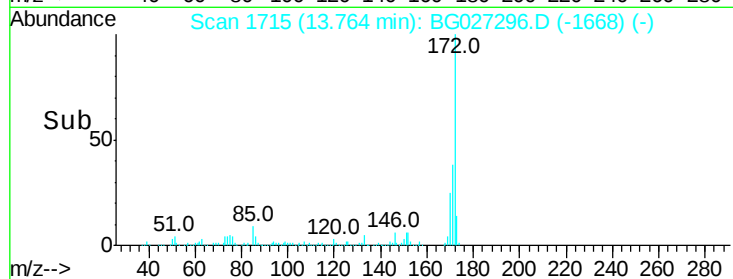
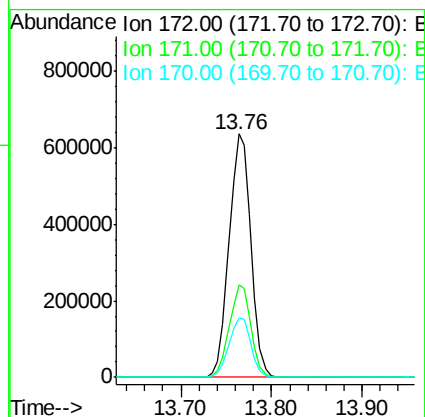
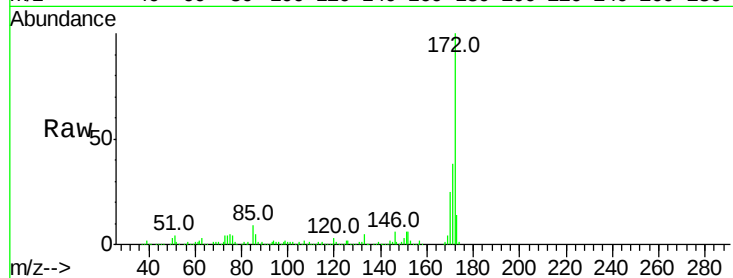




#44
2-Fluorobiphenyl
Concen: 95.09 ng
RT: 13.76 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027296.D
Acq: 7 Jun 2017 23:14

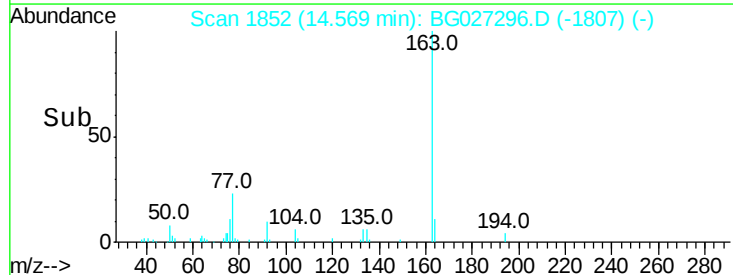
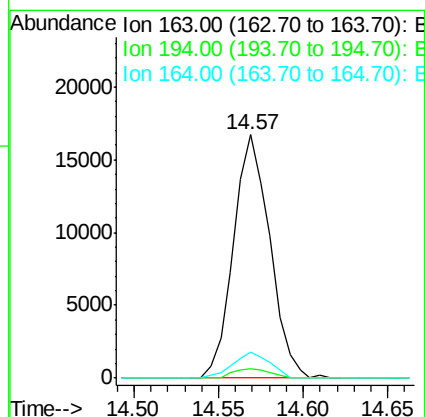
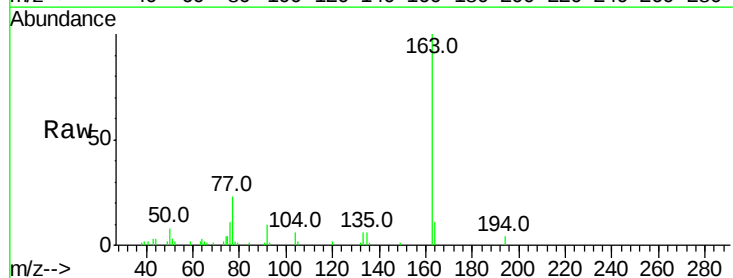
Instrument :
BNA_G
ClientSampleId :

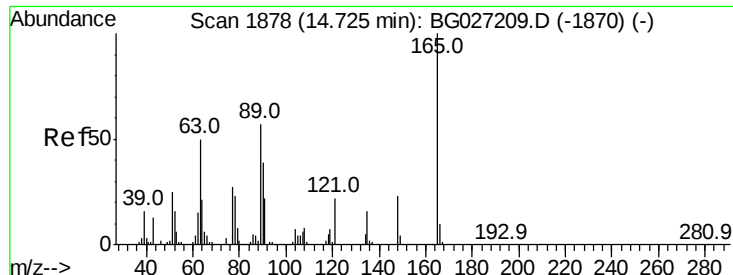
Tot Ion:172 Resp: 1058164
Ion Ratio Lower Upper
172 100
171 37.8 32.2 48.2
170 24.5 21.8 32.6



#49
Dimethylphthalate
Concen: 2.03 ng
RT: 14.57 min Scan# 1852
Delta R.T. -0.04 min
Lab File: BG027296.D
Acq: 7 Jun 2017 23:14

Tgt Ion:163 Resp: 25019
Ion Ratio Lower Upper
163 100
194 3.8 3.8 5.6
164 10.6 9.3 13.9

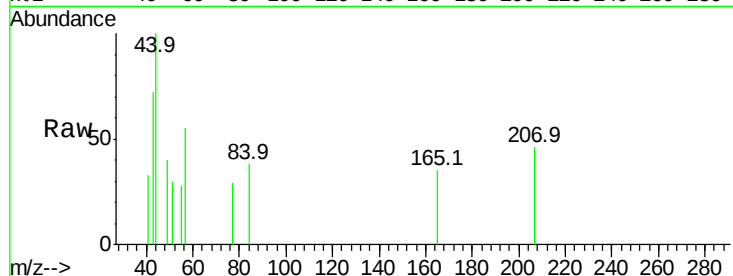




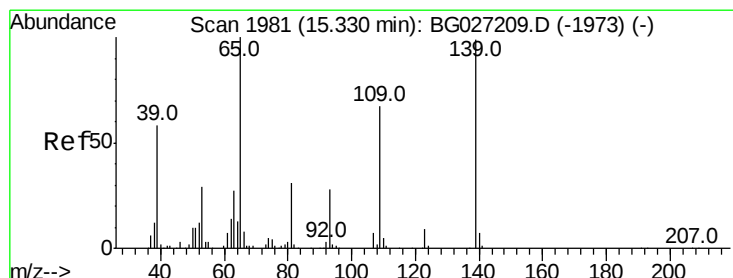
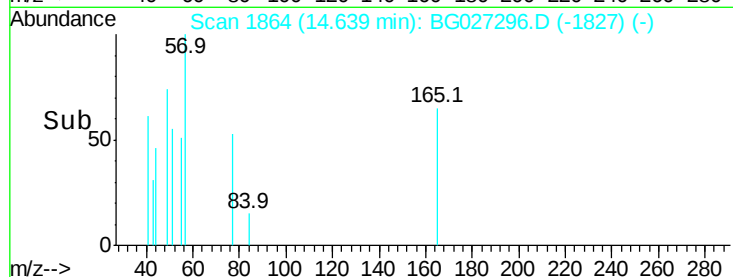
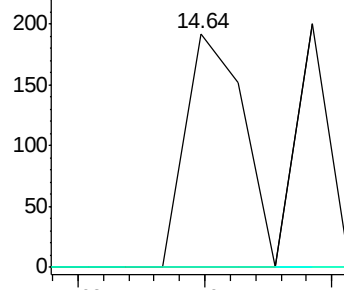
#50
2,6-Dinitrotoluene
Concen: 5.66 ng
RT: 14.64 min Scan# 1864
Delta R.T. -0.08 min
Lab File: BG027296.D
Acq: 7 Jun 2017 23:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 121
Ion Ratio Lower Upper
165 100
63 0.0 63.9 95.9#
89 0.0 58.6 88.0#

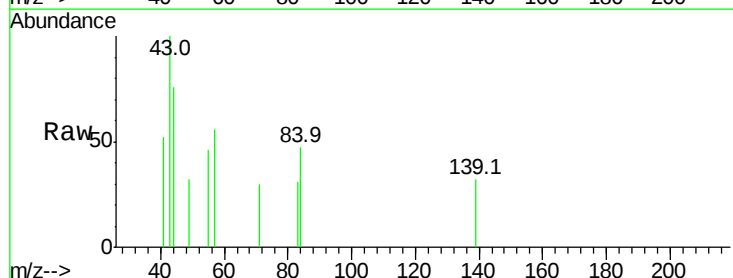


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

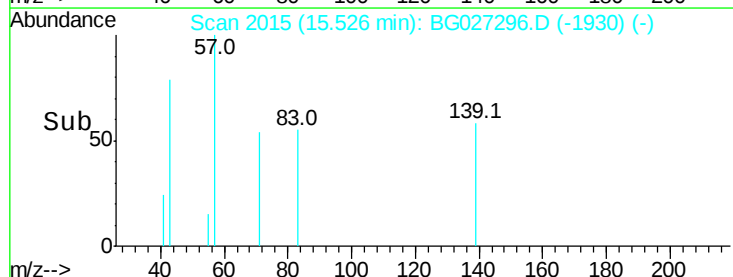
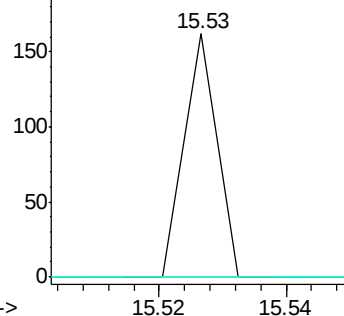


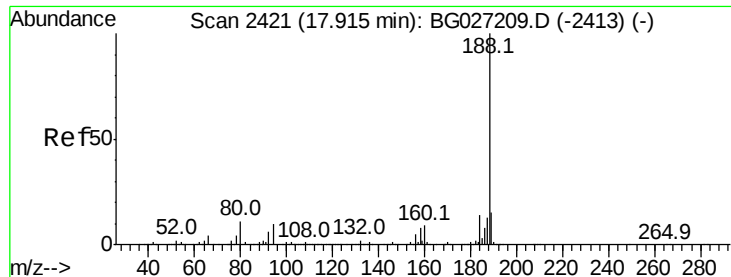
#55
4-Nitrophenol
Concen: 6.15 ng
RT: 15.53 min Scan# 2015
Delta R.T. 0.20 min
Lab File: BG027296.D
Acq: 7 Jun 2017 23:14

Tgt Ion:139 Resp: 57
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): BGO

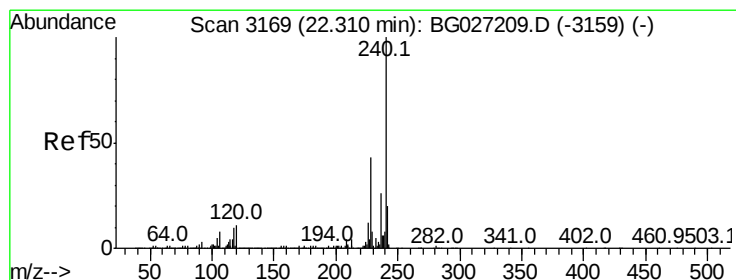
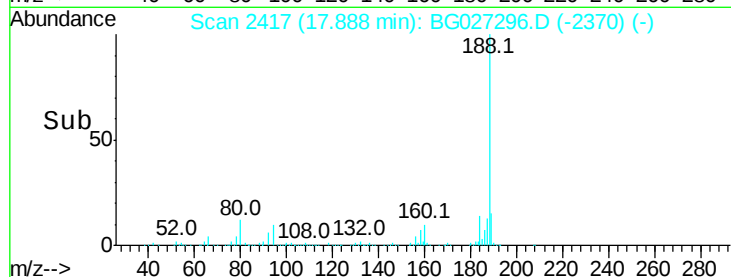
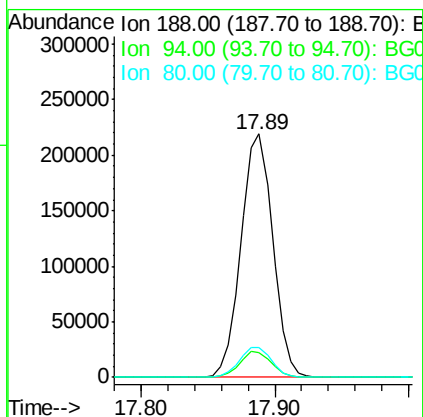
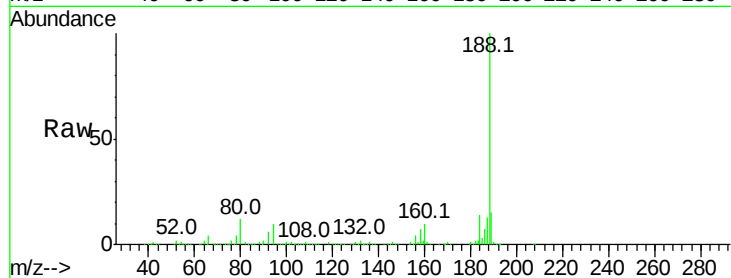




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027296.D
Acq: 7 Jun 2017 23:14

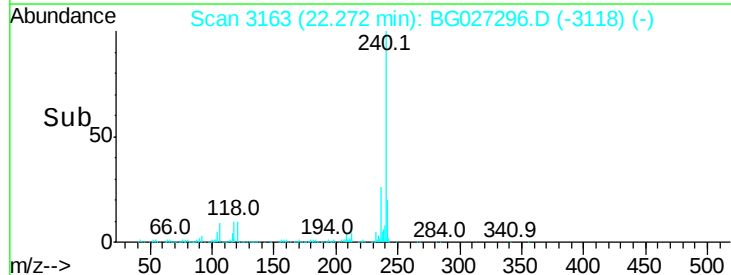
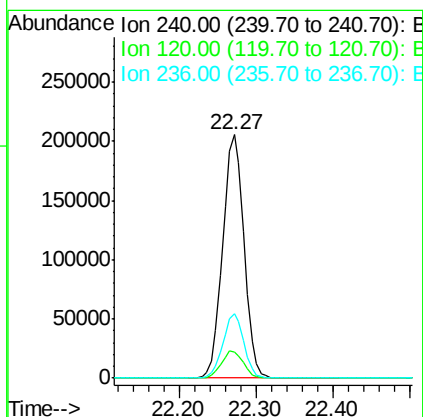
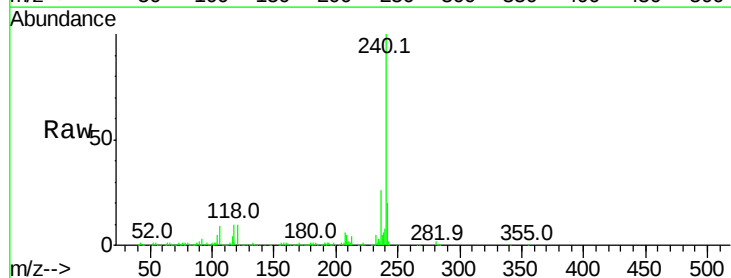
Instrument :
BNA_G
ClientSampleId :

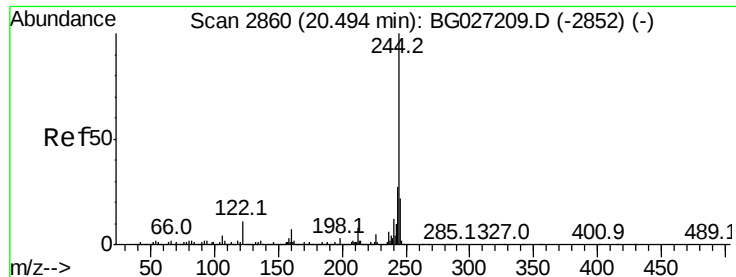
Tot Ion:188 Resp: 360431
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 12.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027296.D
Acq: 7 Jun 2017 23:14

Tgt Ion:240 Resp: 396118
Ion Ratio Lower Upper
240 100
120 10.5 5.7 8.5#
236 26.4 22.2 33.4





#78

Terphenyl-d14

Concen: 97.41 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027296.D

Acq: 7 Jun 2017 23:14

Instrument :

BNA_G

ClientSampleId :

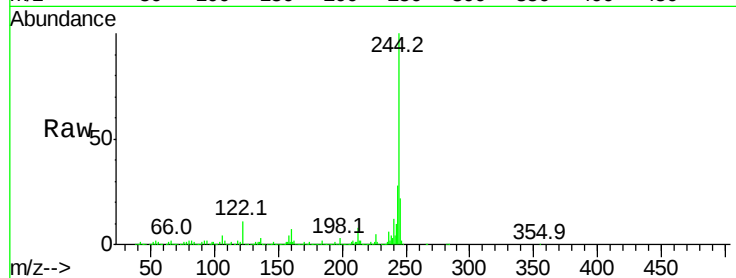
Tot Ion:244 Resp: 1512532

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

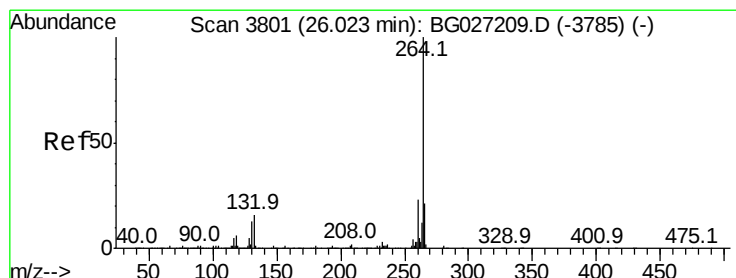
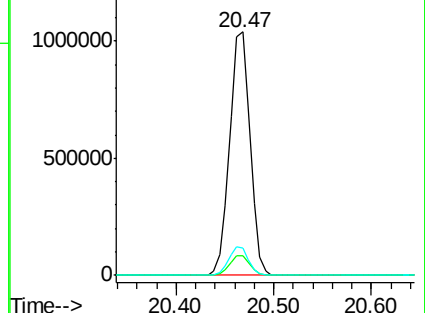
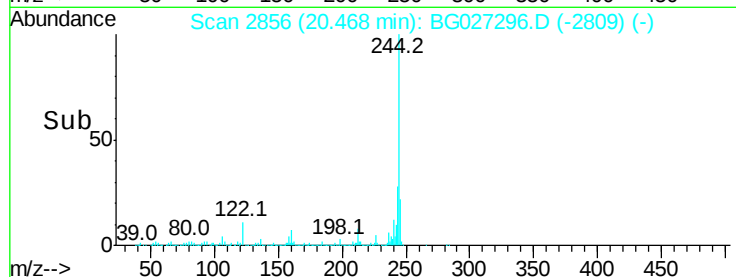
122 11.0 8.6 12.8



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: 20.00 ng

RT: 25.96 min Scan# 3790

Delta R.T. -0.07 min

Lab File: BG027296.D

Acq: 7 Jun 2017 23:14

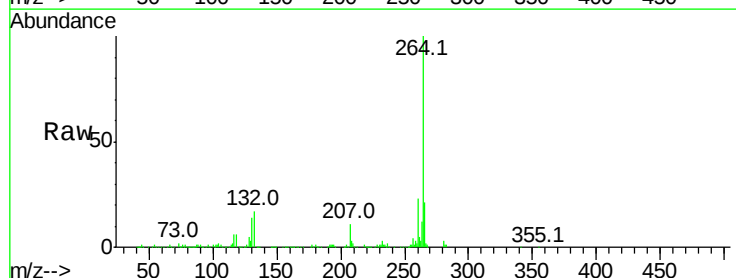
Tgt Ion:264 Resp: 367792

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 21.3 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

