

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027315.D
 Acq On : 8 Jun 2017 12:41
 Operator : SJ/MA
 Sample : I3473-01DL 50X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 13:18:53 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

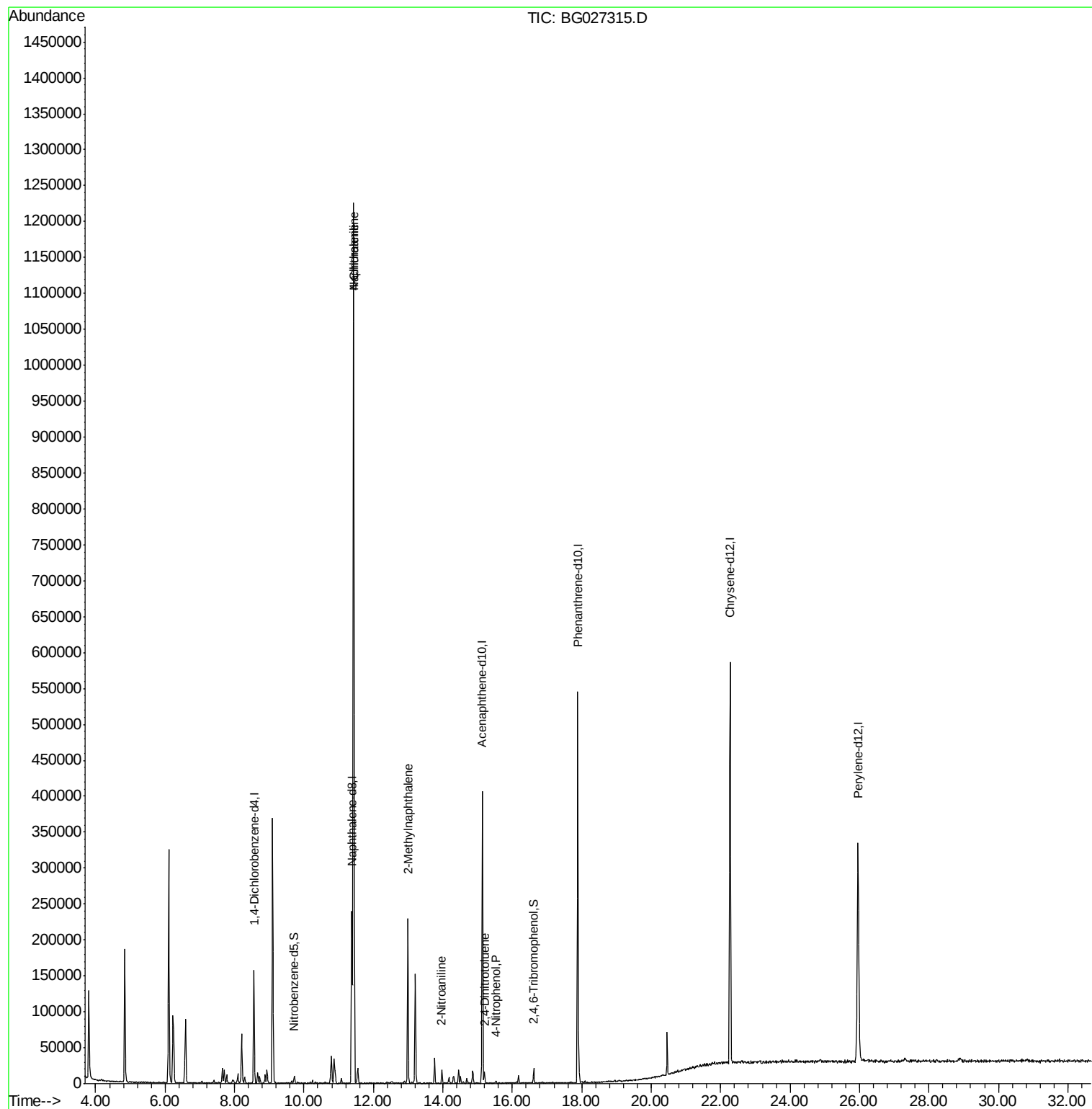
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	46370	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	220377	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	145787	20.00	ng	-0.02
63) Phenanthrene-d10	17.88	188	345978	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	384365	20.00	ng	-0.04
86) Perylene-d12	25.96	264	364850	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	4101	1.35	ng	-0.02
7) Phenol-d6	7.68	99	3746	0.84	ng	-0.02
23) Nitrobenzene-d5	9.72	82	7013	2.00	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	3977	2.07	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	18662	1.79	ng	-0.03
78) Terphenyl-d14	20.46	244	26594	1.77	ng	-0.04
Target Compounds						
31) Naphthalene	11.43	128	1077669	89.48	ng	Qvalue 100
33) 4-Chloroaniline	11.43	127	148853	29.66	ng	# 27
37) 2-Methylnaphthalene	12.99	142	110236	12.55	ng	94
47) 2-Nitroaniline	13.97	65	62	6.85	ng	# 16
55) 4-Nitrophenol	15.53	139	670	6.41	ng	# 1
56) 2,4-Dinitrotoluene	15.20	165	54	7.00	ng	# 1

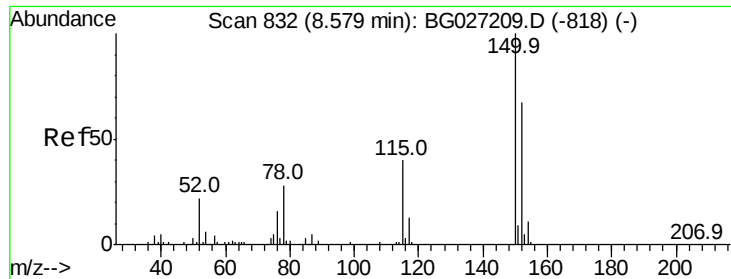
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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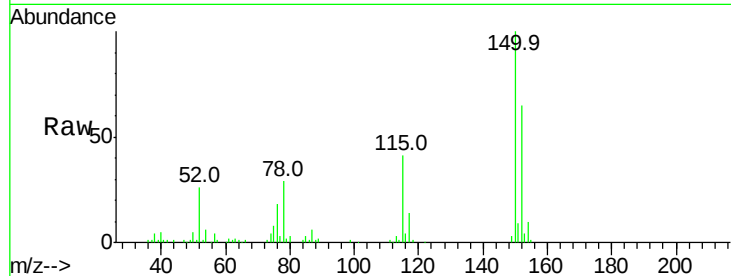


#1

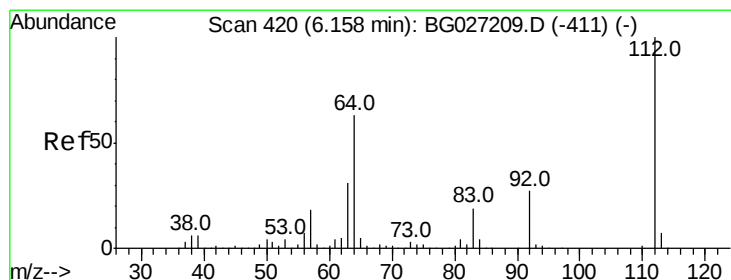
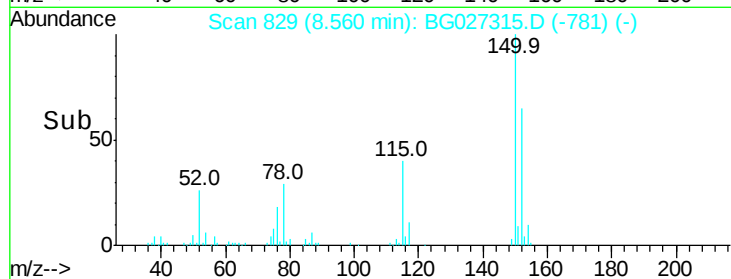
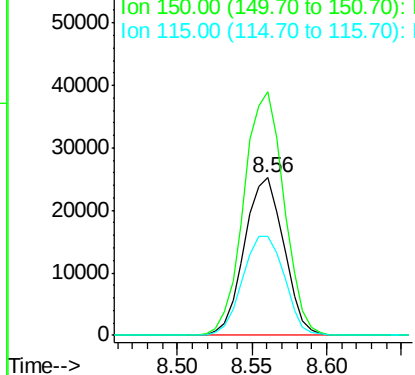
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027315.D
Acq: 8 Jun 2017 12:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 46370
Ion Ratio Lower Upper
152 100
150 154.5 114.0 171.0
115 63.1 48.1 72.1



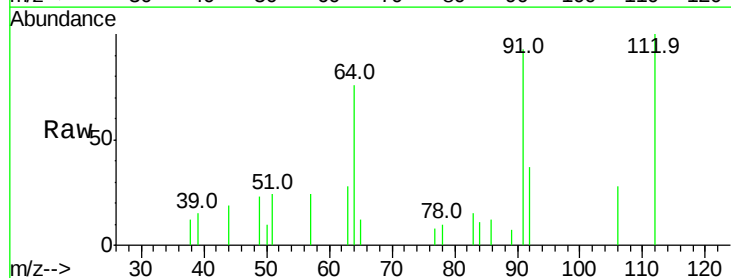
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



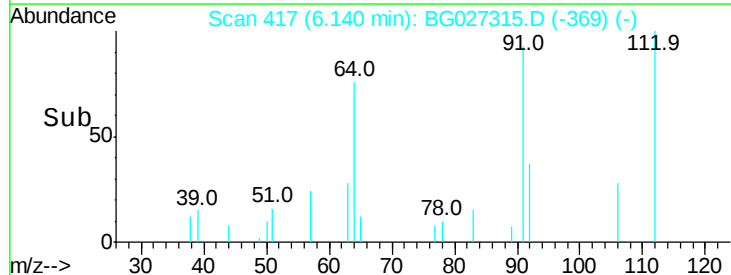
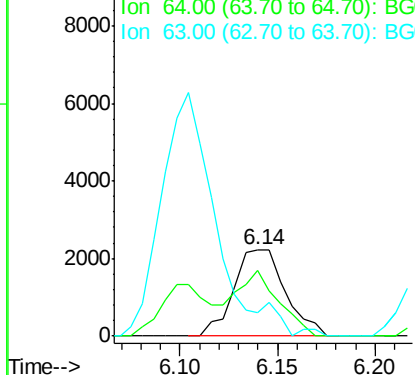
#5

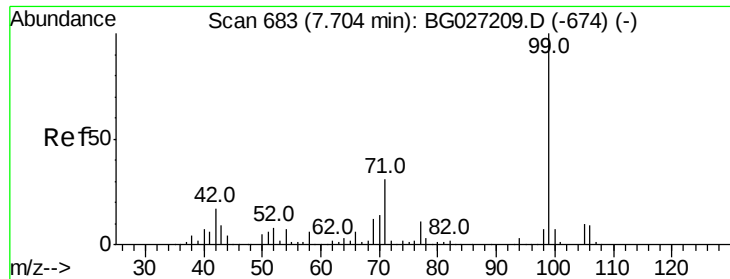
2-Fluorophenol
Concen: 1.35 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027315.D
Acq: 8 Jun 2017 12:41

Tgt Ion:112 Resp: 4101
Ion Ratio Lower Upper
112 100
64 76.3 61.8 92.6
63 27.9 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: 0.84 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027315.D

Acq: 8 Jun 2017 12:41

Instrument :

BNA_G

ClientSampled :

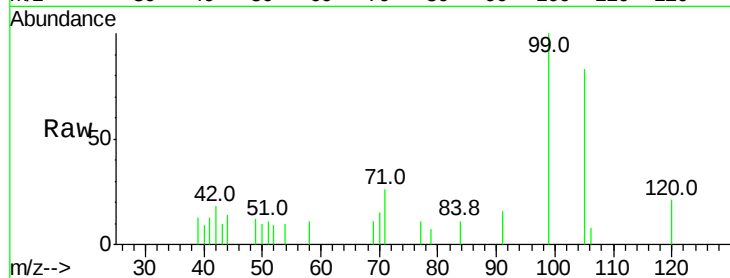
Tot Ion: 99 Resp: 3746

Ion Ratio Lower Upper

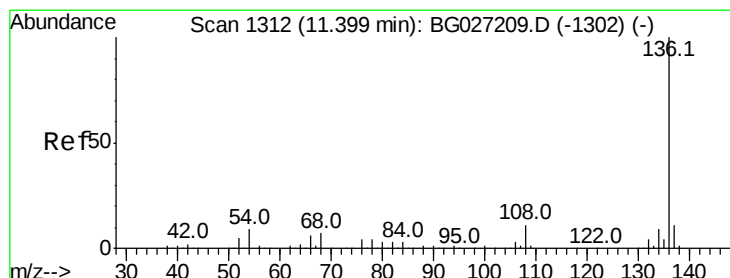
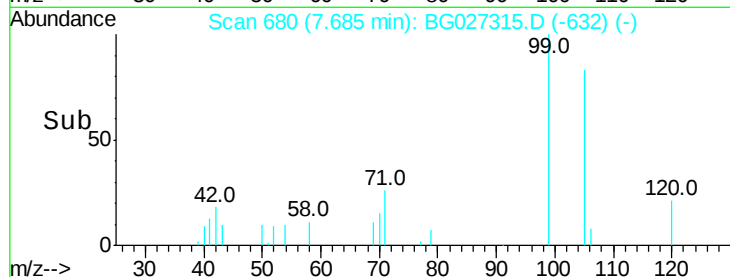
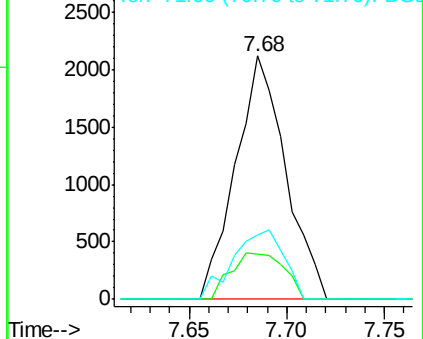
99 100

42 18.4 20.5 30.7#

71 26.3 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: 11.37 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BG027315.D

Acq: 8 Jun 2017 12:41

Tgt Ion: 136 Resp: 220377

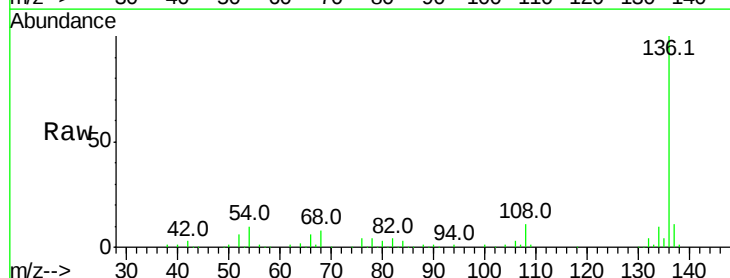
Ion Ratio Lower Upper

136 100

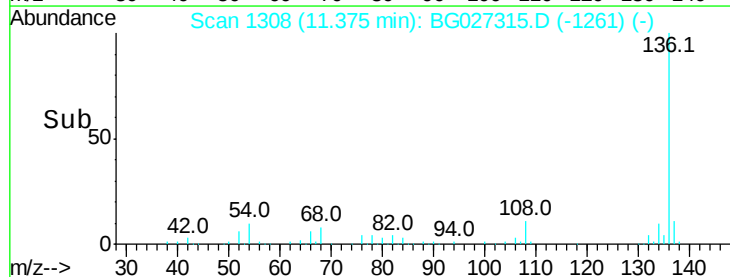
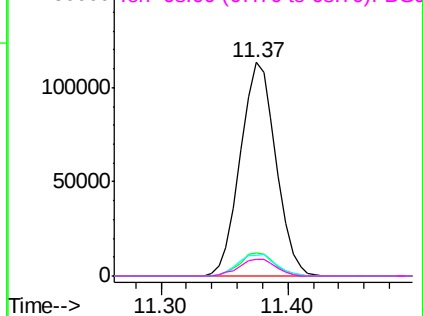
137 10.6 8.9 13.3

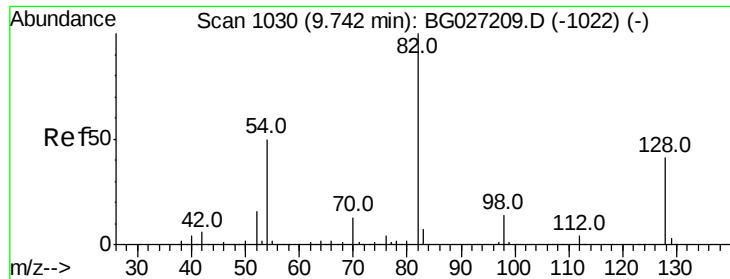
54 9.7 9.3 13.9

68 7.9 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

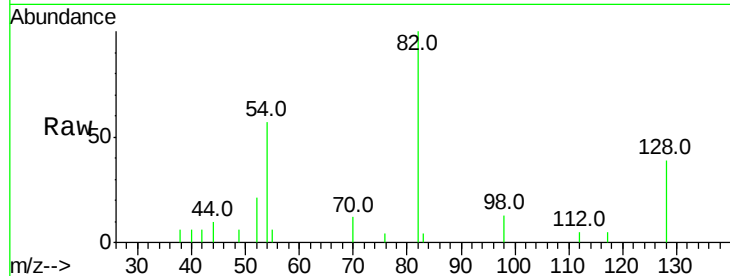




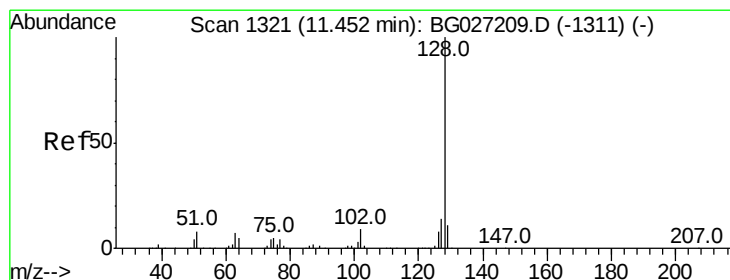
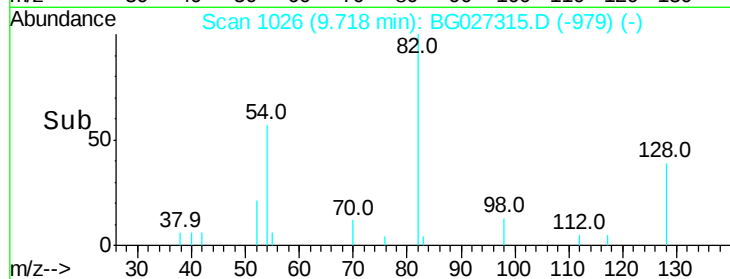
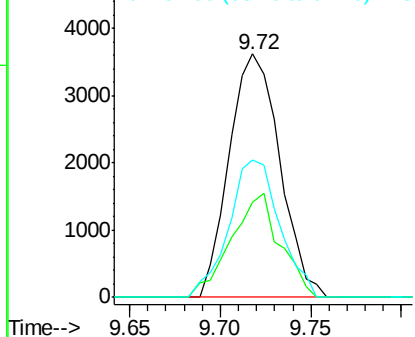
#23
 Nitrobenzene-d5
 Concen: 2.00 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027315.D
 Acq: 8 Jun 2017 12:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 7013
 Ion Ratio Lower Upper
 82 100
 128 39.0 26.4 39.6
 54 56.6 49.4 74.2

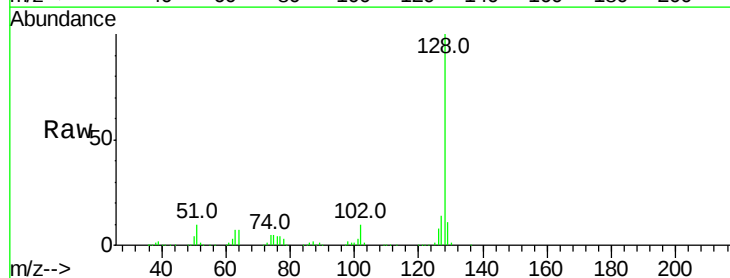


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

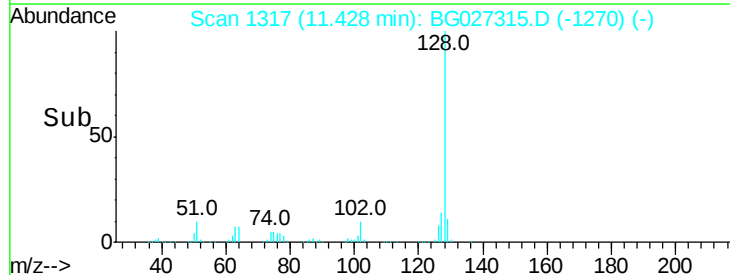
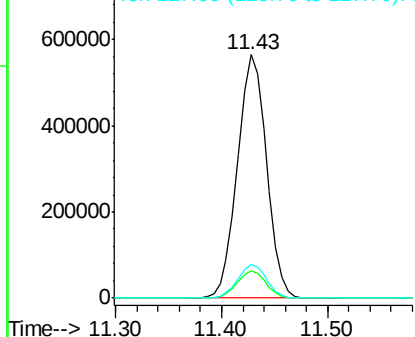


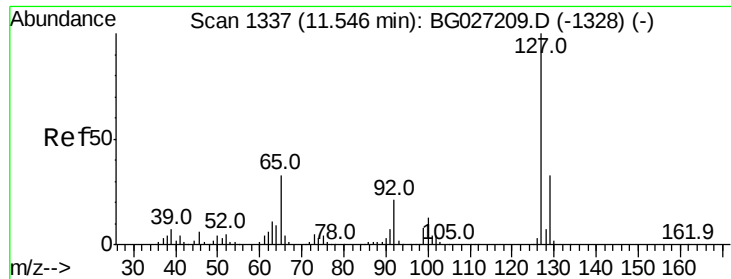
#31
 Naphthalene
 Concen: 89.48 ng
 RT: 11.43 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG027315.D
 Acq: 8 Jun 2017 12:41

Tgt Ion:128 Resp: 1077669
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.3 13.9
 127 14.1 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

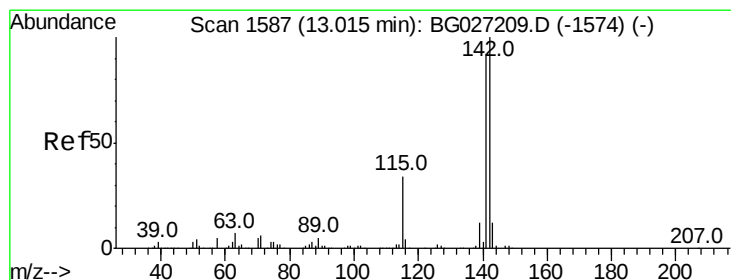
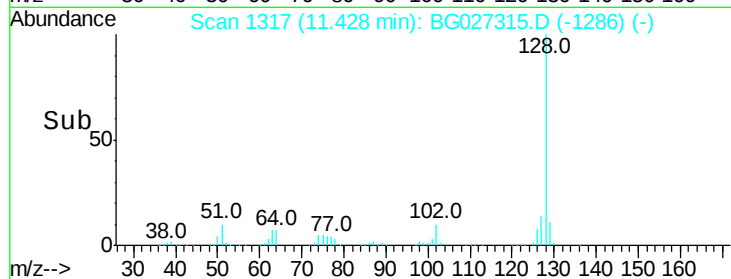
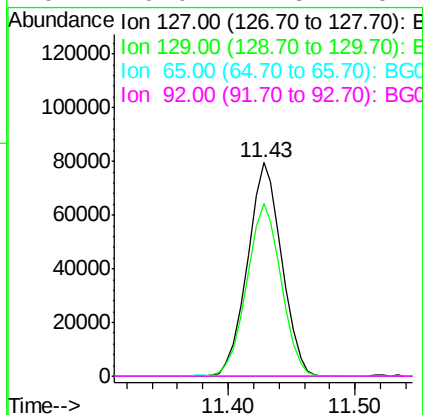
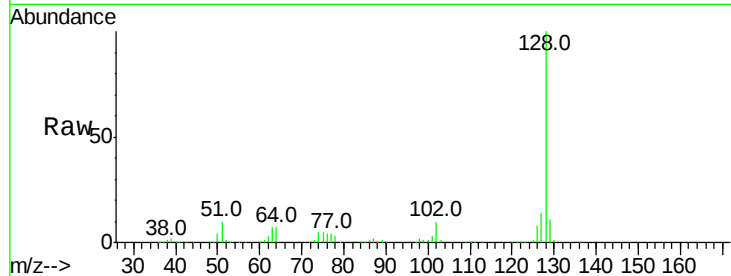




#33
4-Chloroaniline
Concen: 29.66 ng
RT: 11.43 min Scan# 1317
Delta R.T. -0.12 min
Lab File: BG027315.D
Acq: 8 Jun 2017 12:41

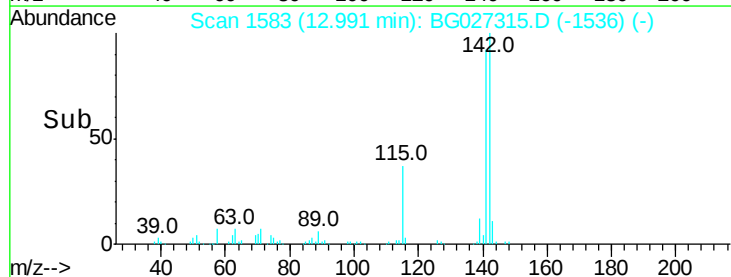
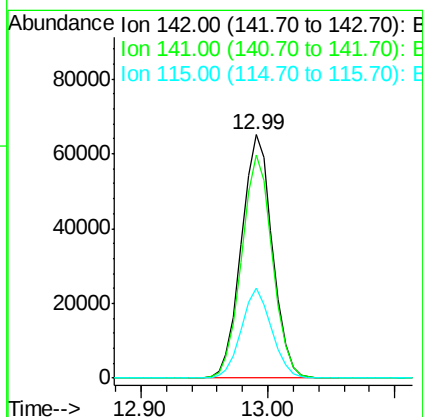
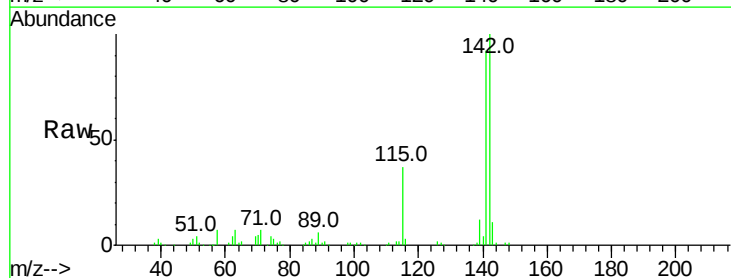
Instrument :
BNA_G
ClientSampleId :

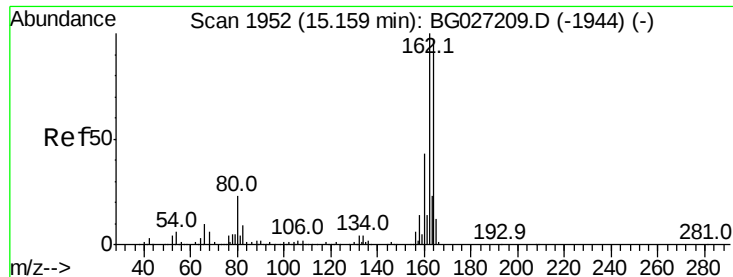
Tot Ion	Ratio	Lower	Upper
127	100		
129	81.1	23.6	35.4#
65	0.0	37.7	56.5#
92	0.0	17.6	26.4#



#37
2-Methylnaphthalene
Concen: 12.55 ng
RT: 12.99 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG027315.D
Acq: 8 Jun 2017 12:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.4	105.6
115	37.0	35.5	53.3

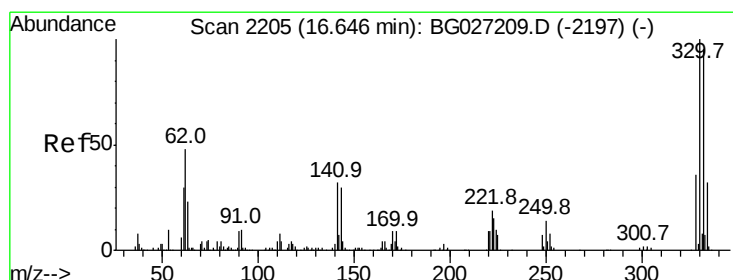
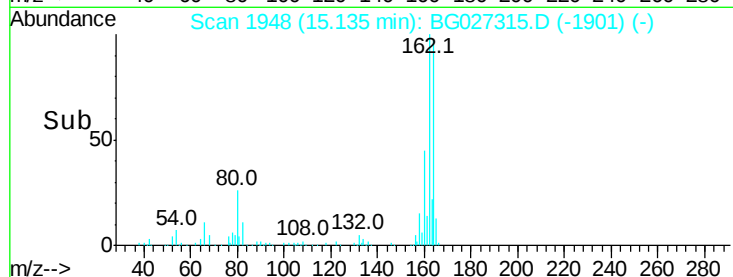
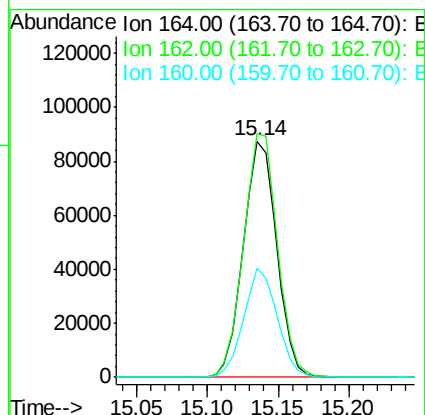
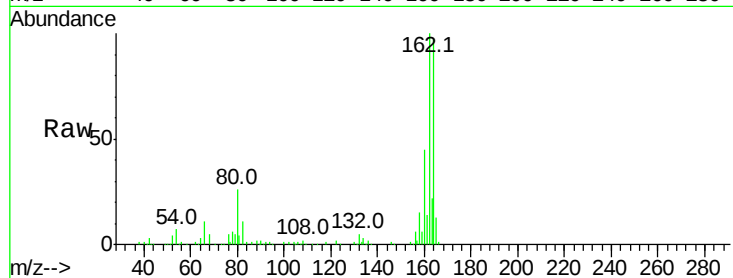




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1948
 Delta R.T. -0.02 min
 Lab File: BG027315.D
 Acq: 8 Jun 2017 12:41

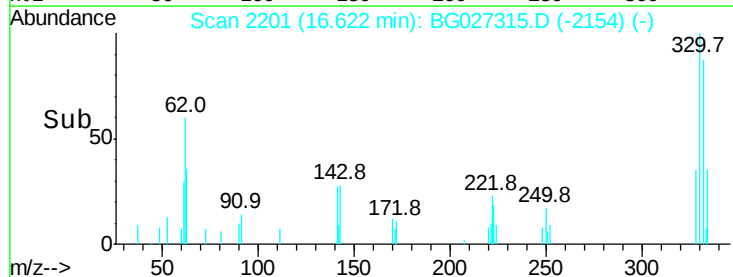
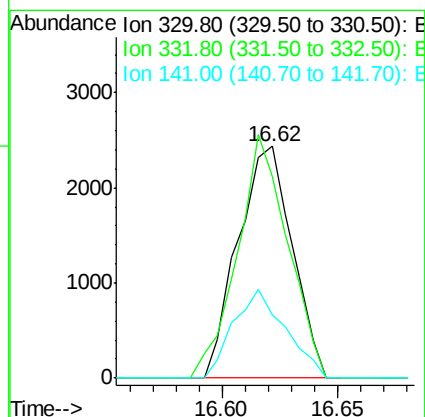
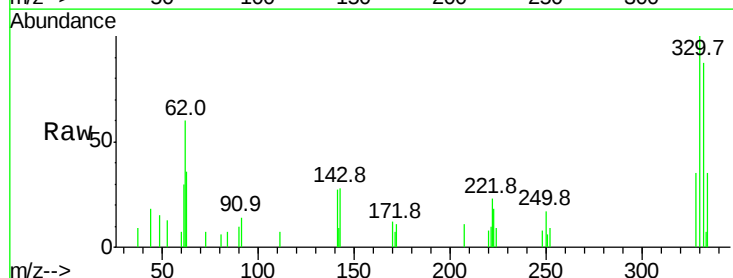
Instrument :
 BNA_G
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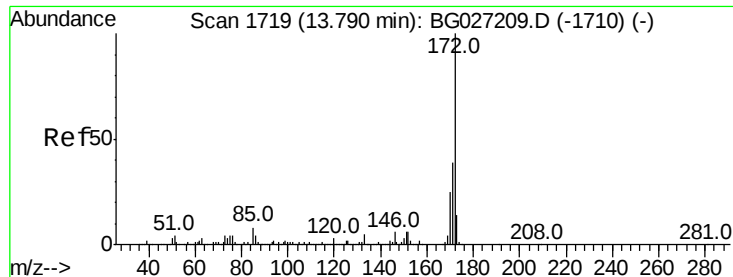
Tot Ion:164 Resp: 145787
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.1 127.7
 160 46.1 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 2.07 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG027315.D
 Acq: 8 Jun 2017 12:41

Tgt Ion:330 Resp: 3977
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.3 115.9
 141 36.5 32.1 48.1

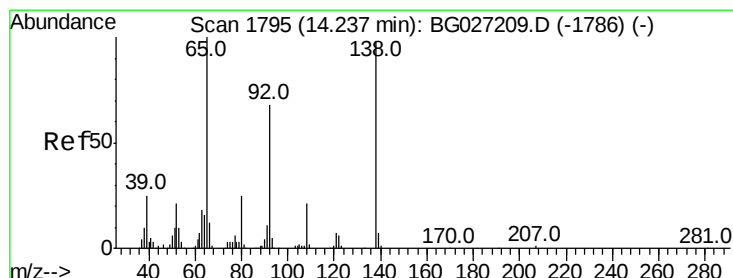
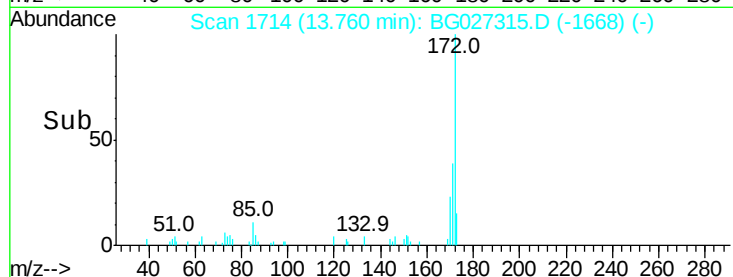
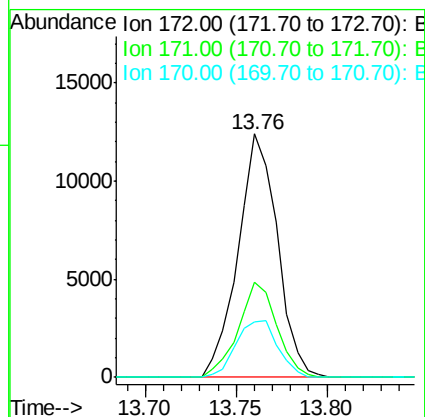
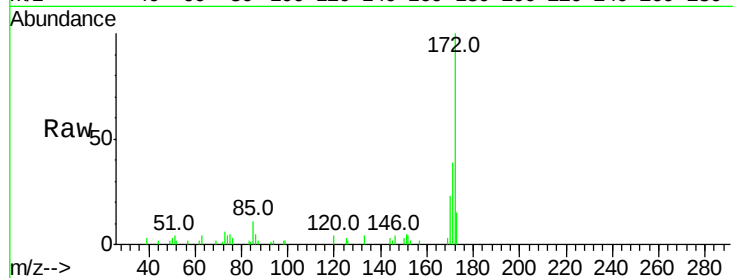




#44
 2-Fluorobiphenyl
 Concen: 1.79 ng
 RT: 13.76 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG027315.D
 Acq: 8 Jun 2017 12:41

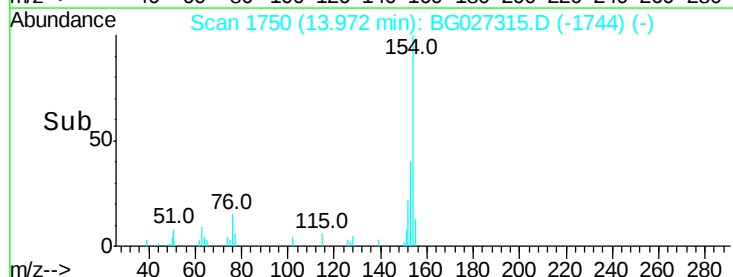
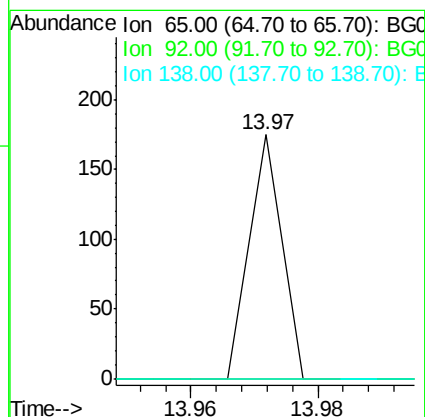
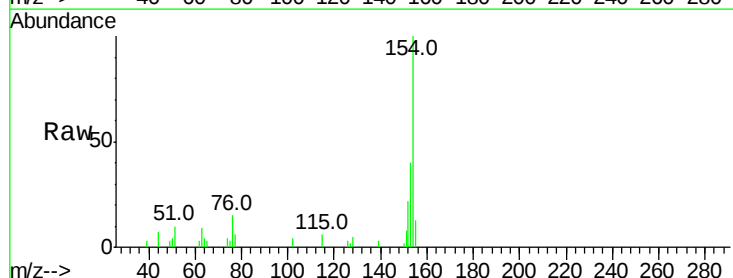
Instrument :
 BNA_G
 ClientSampleId :

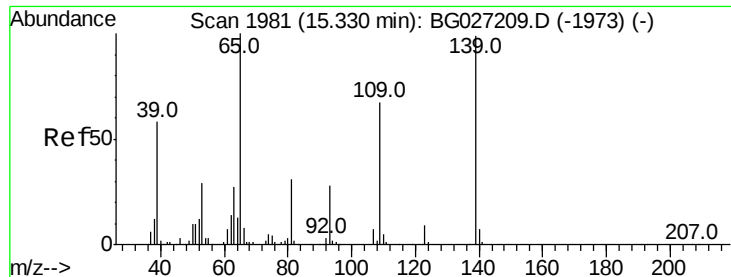
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.2	48.2
170	23.0	21.8	32.6



#47
 2-Nitroaniline
 Concen: 6.85 ng
 RT: 13.97 min Scan# 1750
 Delta R.T. -0.27 min
 Lab File: BG027315.D
 Acq: 8 Jun 2017 12:41

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





#55

4-Nitrophenol

Concen: 6.41 ng

RT: 15.53 min Scan# 2015

Delta R.T. 0.20 min

Lab File: BG027315.D

Acq: 8 Jun 2017 12:41

Instrument :

BNA_G

ClientSampleId :

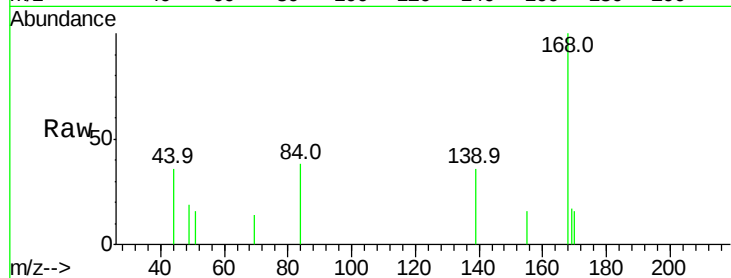
Tot Ion:139 Resp: 670

Ion Ratio Lower Upper

139 100

109 0.0 101.2 141.2#

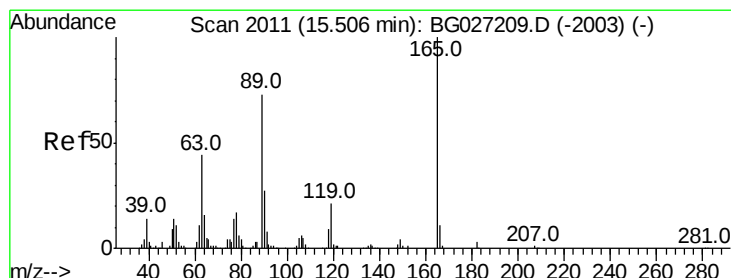
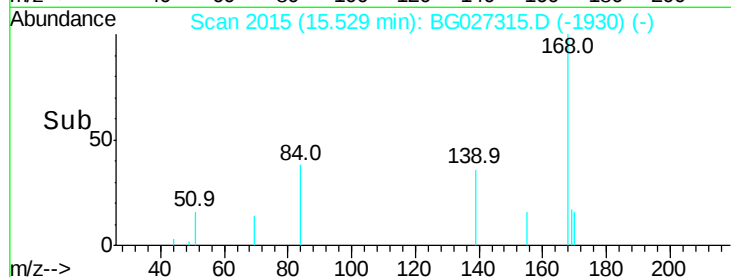
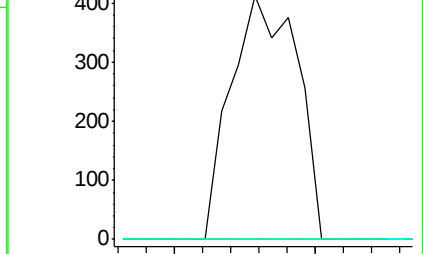
65 0.0 135.3 175.3#



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



#56

2,4-Dinitrotoluene

Concen: 7.00 ng

RT: 15.20 min Scan# 1959

Delta R.T. -0.31 min

Lab File: BG027315.D

Acq: 8 Jun 2017 12:41

Tgt Ion:165 Resp: 54

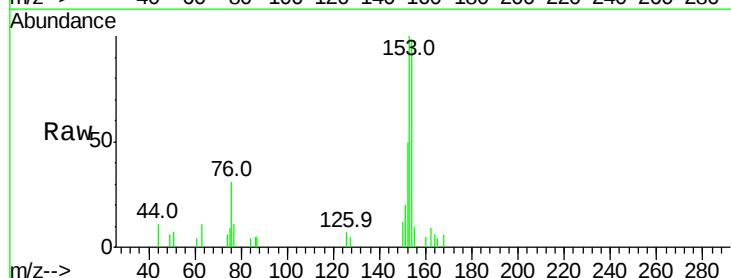
Ion Ratio Lower Upper

165 100

63 266.2 44.0 66.0#

89 0.0 67.3 100.9#

182 0.0 3.8 5.6#

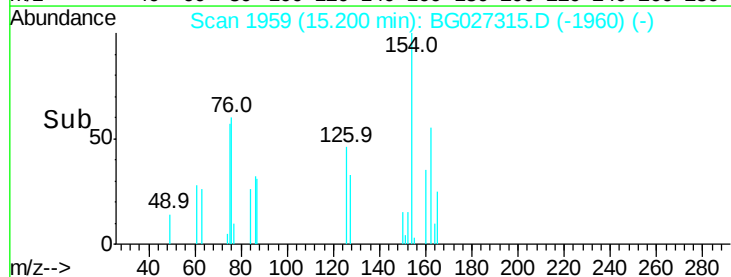
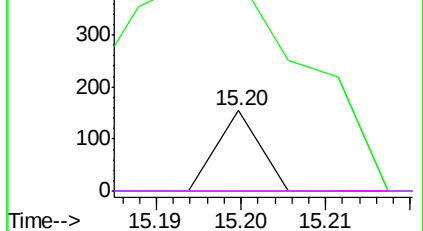


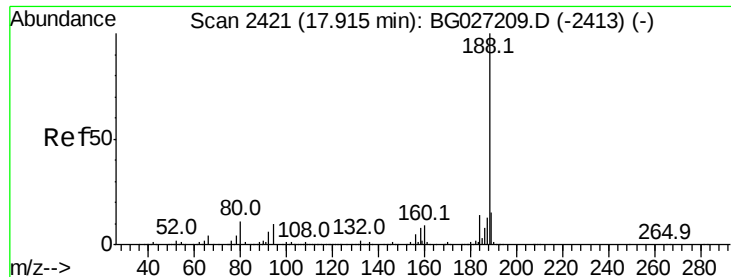
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

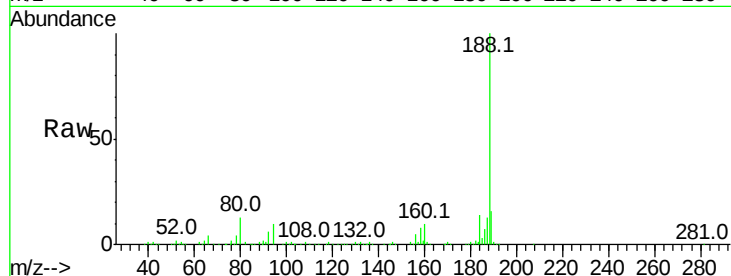




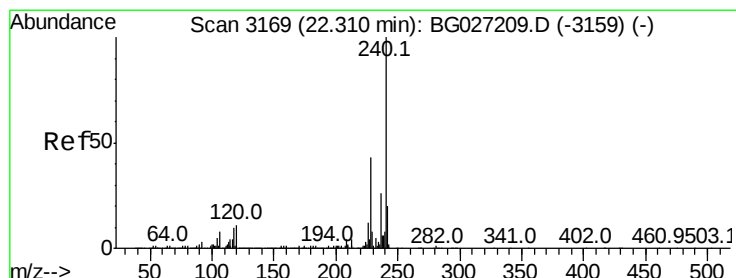
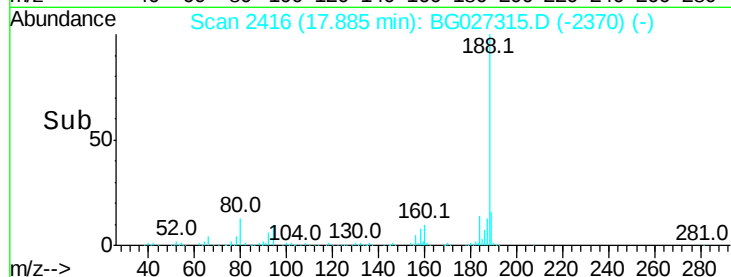
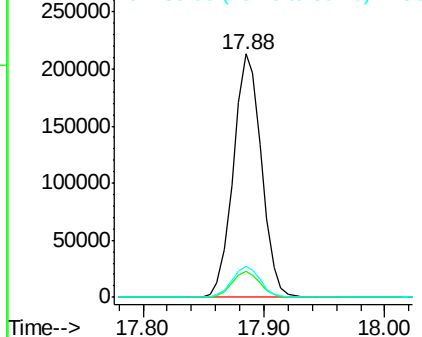
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027315.D
Acq: 8 Jun 2017 12:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 345978
Ion Ratio Lower Upper
188 100
94 10.5 5.8 8.8#
80 12.7 7.5 11.3#

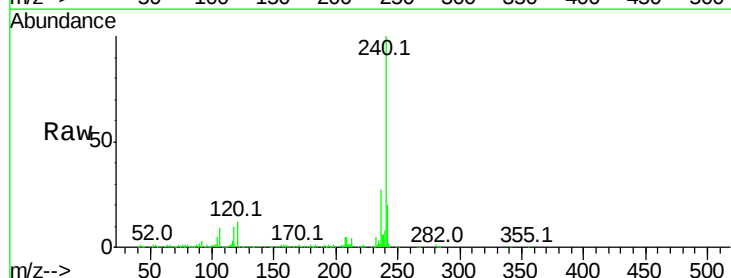


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

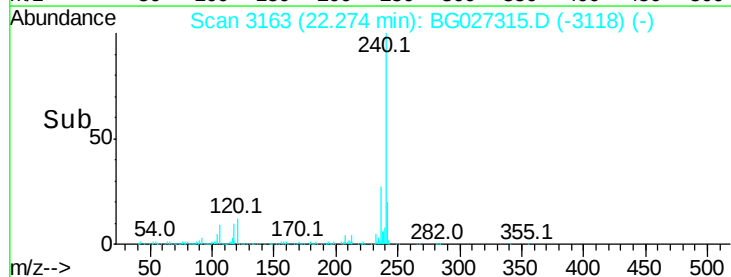
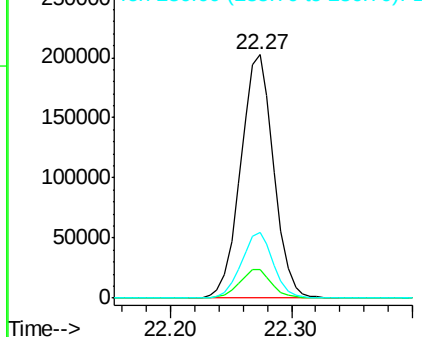


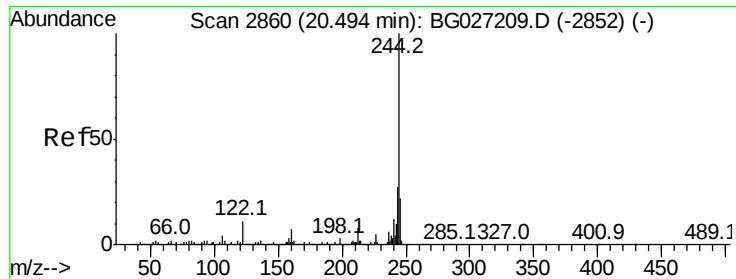
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027315.D
Acq: 8 Jun 2017 12:41

Tgt Ion:240 Resp: 384365
Ion Ratio Lower Upper
240 100
120 12.0 5.7 8.5#
236 27.1 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: 1.77 ng

RT: 20.46 min Scan# 2854

Delta R.T. -0.04 min

Lab File: BG027315.D

Acq: 8 Jun 2017 12:41

Instrument :

BNA_G

ClientSampleId :

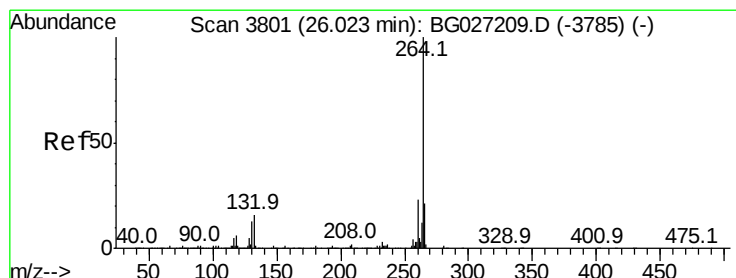
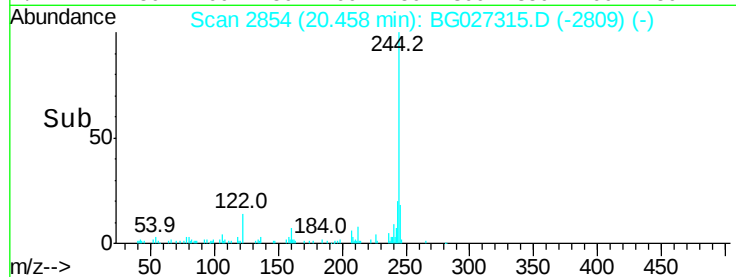
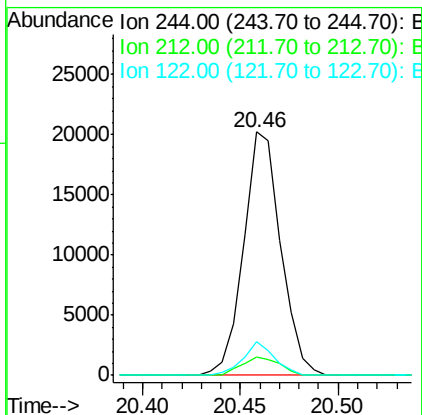
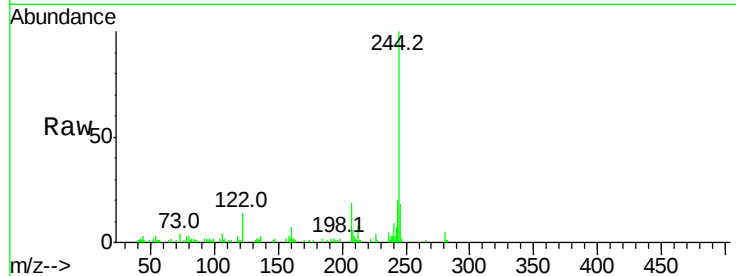
Tot Ion:244 Resp: 26594

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

122 14.0 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.96 min Scan# 3790

Delta R.T. -0.07 min

Lab File: BG027315.D

Acq: 8 Jun 2017 12:41

Tgt Ion:264 Resp: 364850

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 21.1 18.2 27.4

