

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027397.D
 Acq On : 13 Jun 2017 22:19
 Operator : SJ/MA
 Sample : I3614-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 06:10:56 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

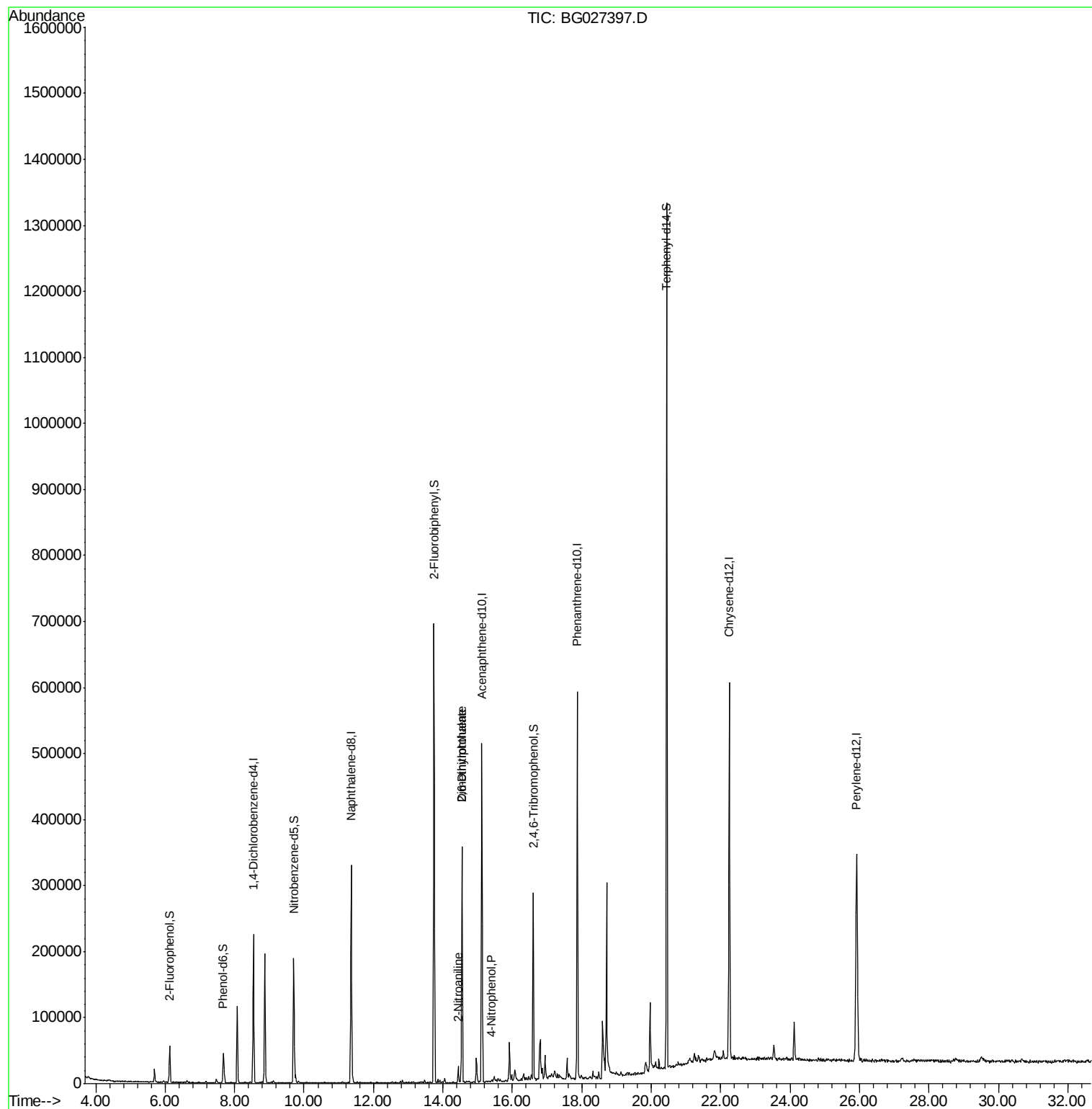
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	62232	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	288594	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	171582	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	366523	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	388236	20.00	ng	-0.06
86) Perylene-d12	25.92	264	377563	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	26817	6.58	ng	-0.03
7) Phenol-d6	7.67	99	27526	4.60	ng	-0.03
23) Nitrobenzene-d5	9.70	82	128330	27.97	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	52068	23.04	ng	-0.04
44) 2-Fluorobiphenyl	13.74	172	358652	29.24	ng	-0.05
78) Terphenyl-d14	20.45	244	581016	38.18	ng	-0.05
Target Compounds						
47) 2-Nitroaniline	14.44	65	60	6.85	ng	# 16
49) Dimethylphthalate	14.55	163	237941	17.48	ng	96
50) 2,6-Dinitrotoluene	14.55	165	2706	6.48	ng	# 23
55) 4-Nitrophenol	15.37	139	54	6.14	ng	# 1

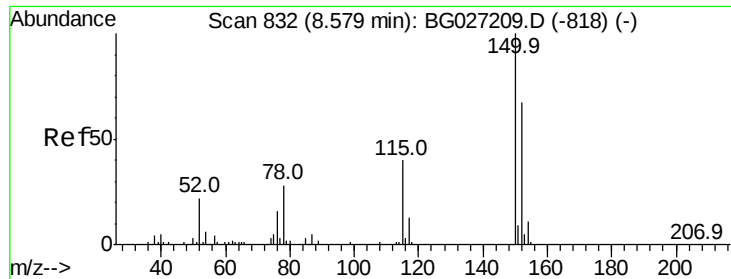
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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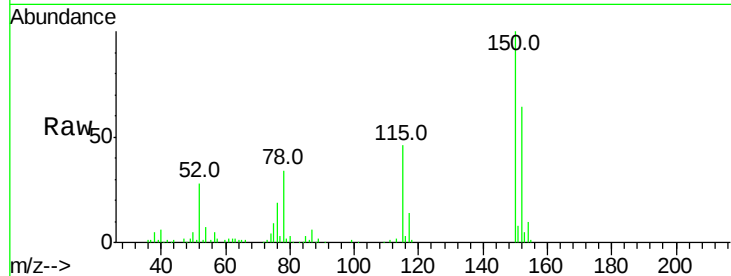


#1

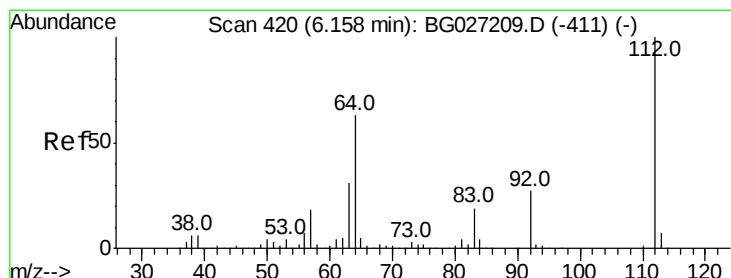
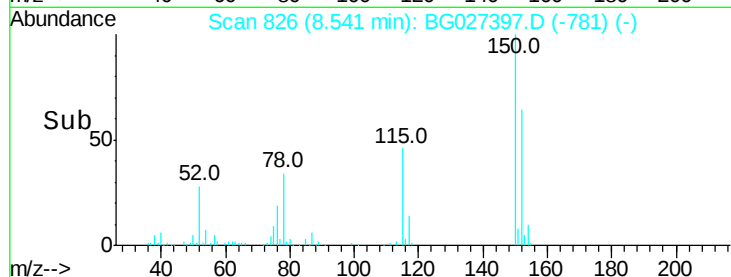
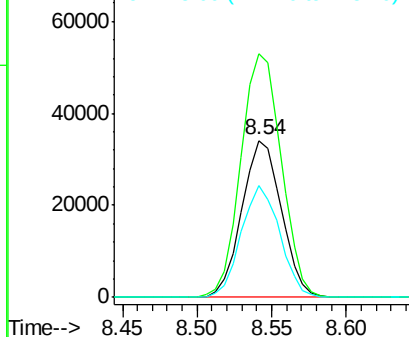
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.04 min
Lab File: BG027397.D
Acq: 13 Jun 2017 22:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62232
Ion Ratio Lower Upper
152 100
150 155.0 114.0 171.0
115 70.9 48.1 72.1



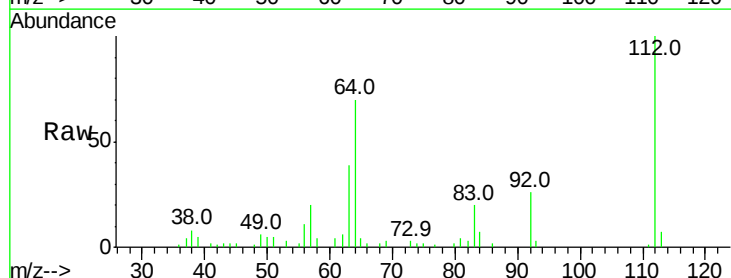
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



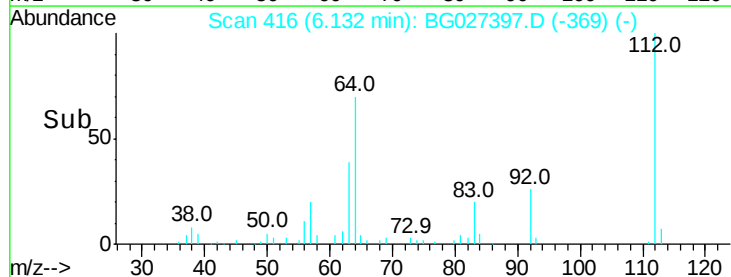
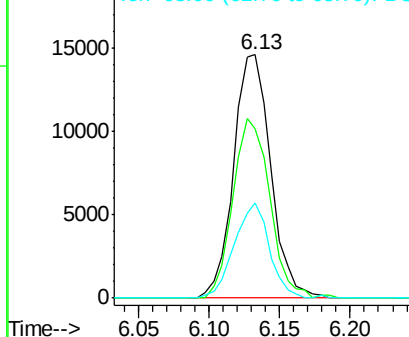
#5

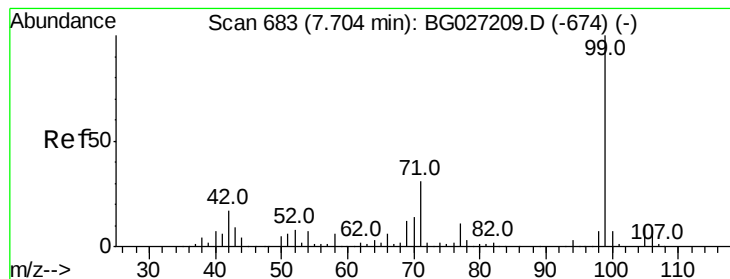
2-Fluorophenol
Concen: 6.58 ng
RT: 6.13 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027397.D
Acq: 13 Jun 2017 22:19

Tgt Ion:112 Resp: 26817
Ion Ratio Lower Upper
112 100
64 69.8 61.8 92.6
63 39.1 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 4.60 ng

RT: 7.67 min Scan# 678

Delta R.T. -0.03 min

Lab File: BG027397.D

Acq: 13 Jun 2017 22:19

Instrument :

BNA_G

ClientSampleId :

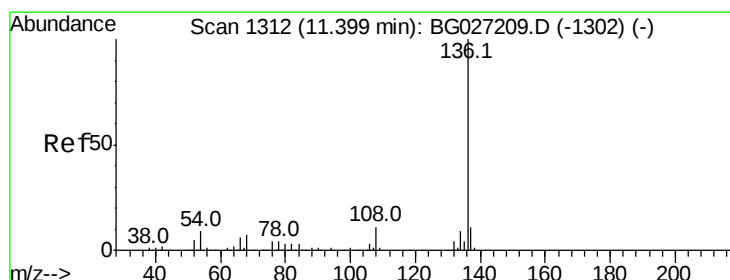
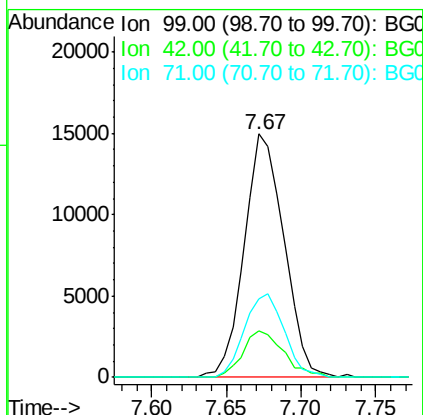
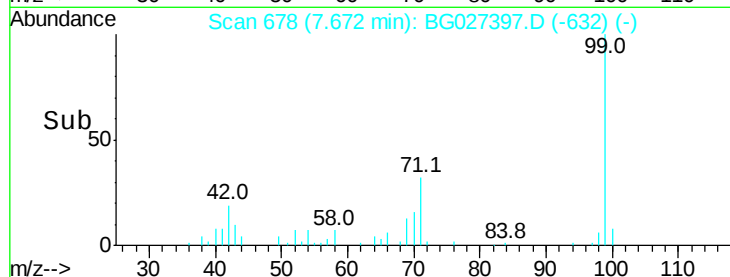
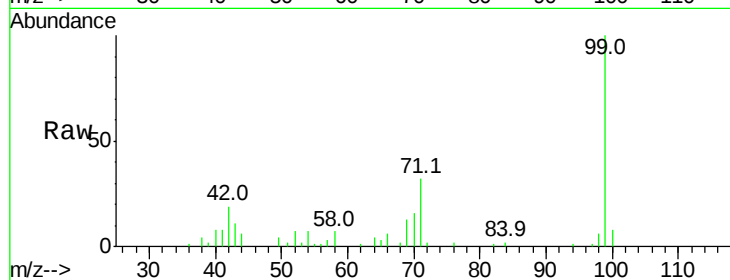
Tot Ion: 99 Resp: 27526

Ion Ratio Lower Upper

99 100

42 18.9 20.5 30.7#

71 32.5 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.36 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027397.D

Acq: 13 Jun 2017 22:19

Tgt Ion: 136 Resp: 288594

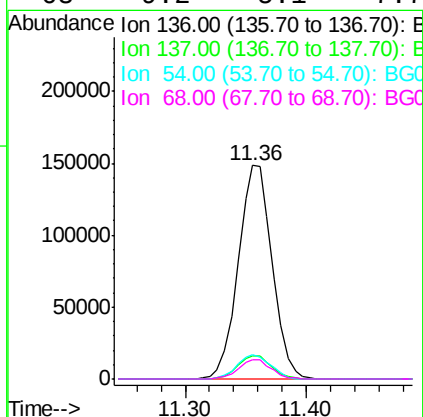
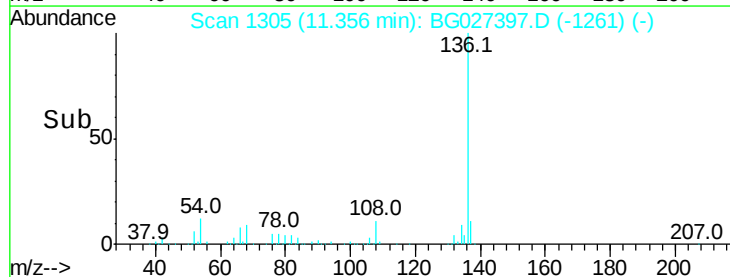
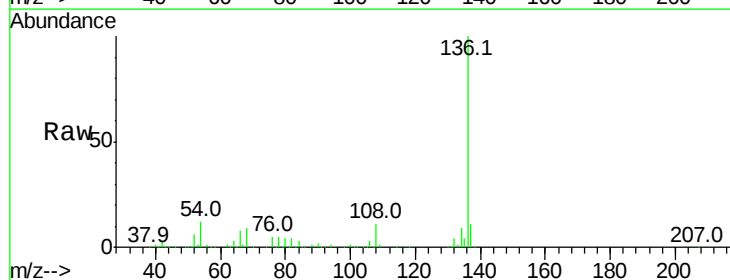
Ion Ratio Lower Upper

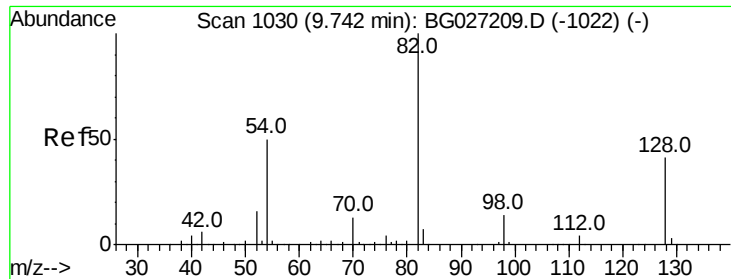
136 100

137 10.8 8.9 13.3

54 11.5 9.3 13.9

68 9.2 5.1 7.7#

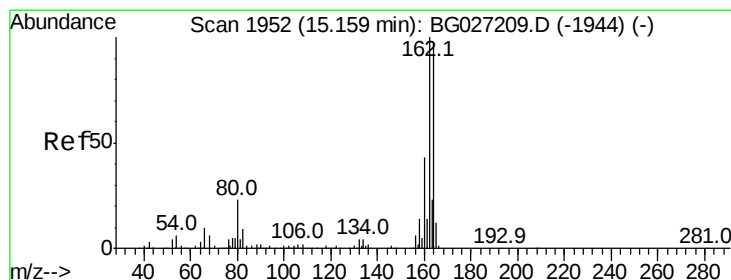
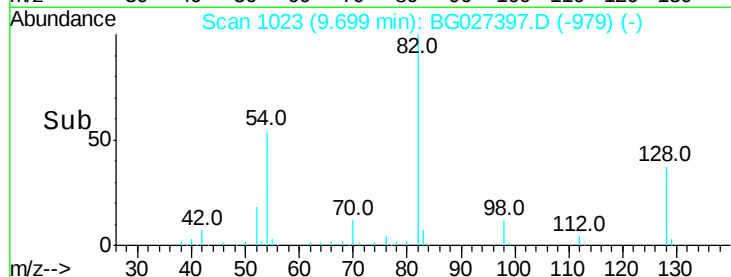
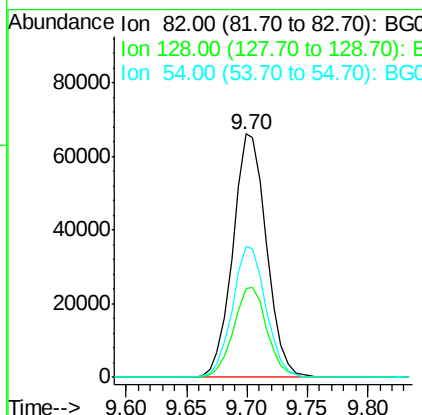
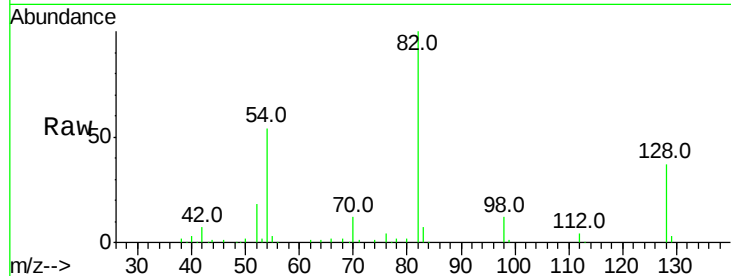




#23
Nitrobenzene-d5
Concen: 27.97 ng
RT: 9.70 min Scan# 1023
Delta R.T. -0.04 min
Lab File: BG027397.D
Acq: 13 Jun 2017 22:19

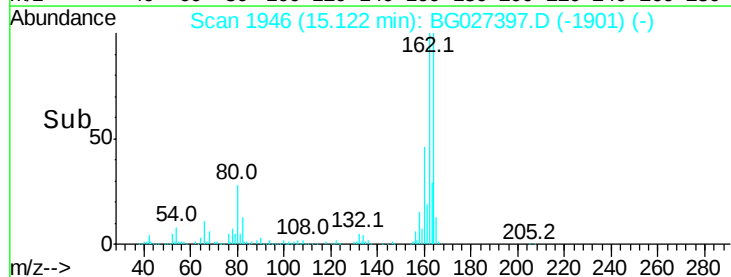
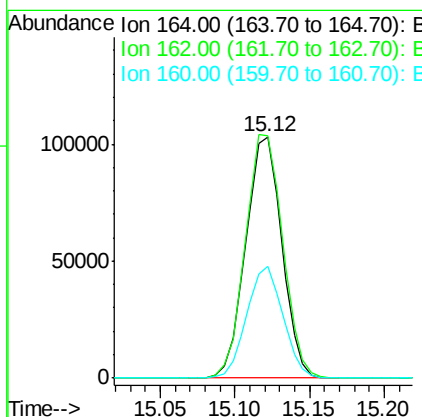
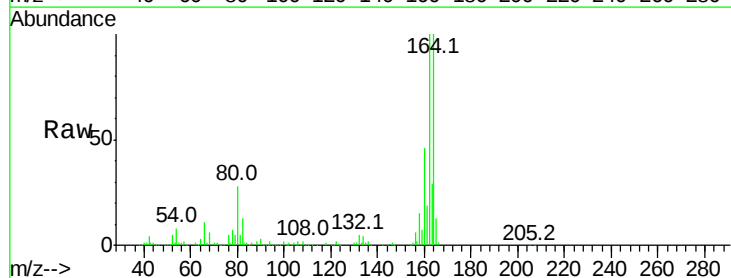
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	128330
Ion	Ratio	Lower	Upper
82	100		
128	36.6	26.4	39.6
54	54.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1946
Delta R.T. -0.04 min
Lab File: BG027397.D
Acq: 13 Jun 2017 22:19

Tgt Ion	164	Resp	171582
Ion	Ratio	Lower	Upper
164	100		
162	100.4	85.1	127.7
160	46.1	34.7	52.1

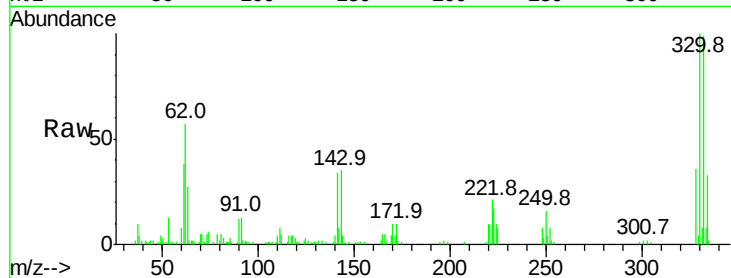




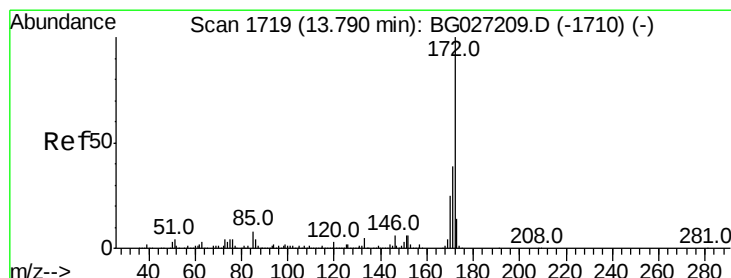
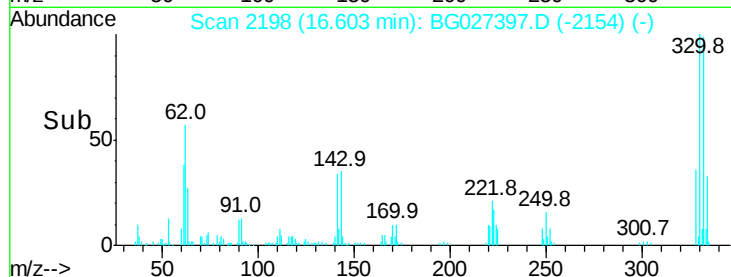
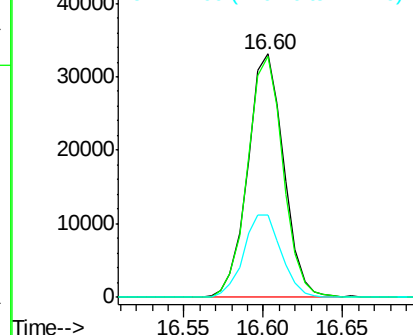
#41
 2,4,6-Tribromophenol
 Concen: 23.04 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027397.D
 Acq: 13 Jun 2017 22:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 52068
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 35.6 32.1 48.1

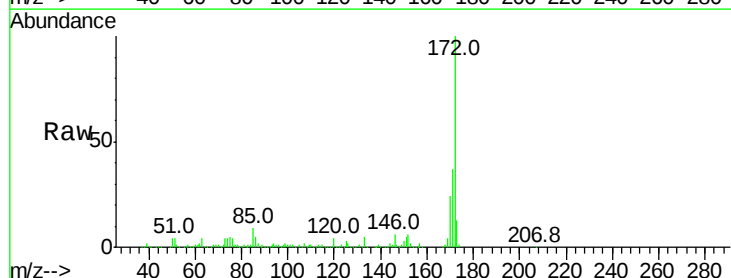


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

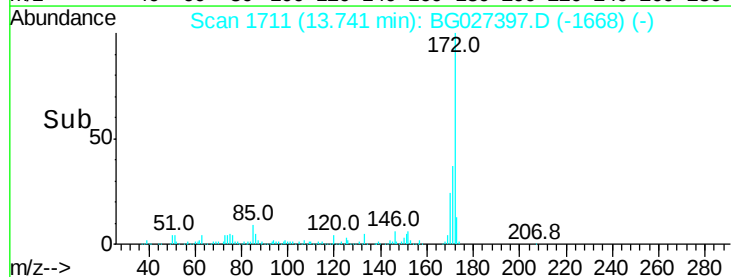
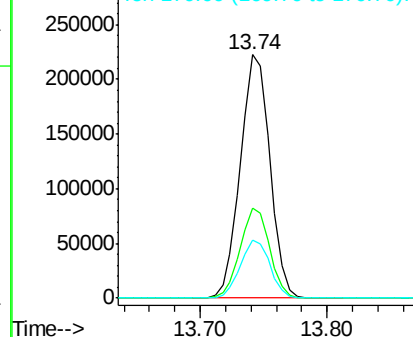


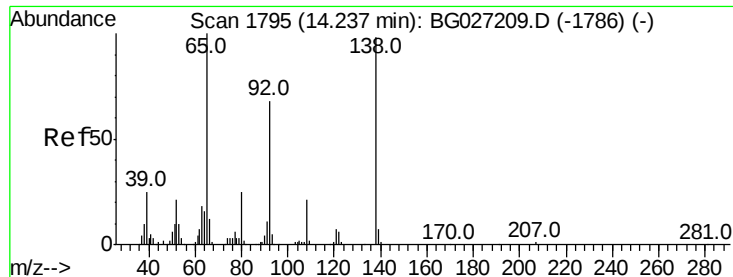
#44
 2-Fluorobiphenyl
 Concen: 29.24 ng
 RT: 13.74 min Scan# 1711
 Delta R.T. -0.05 min
 Lab File: BG027397.D
 Acq: 13 Jun 2017 22:19

Tgt Ion:172 Resp: 358652
 Ion Ratio Lower Upper
 172 100
 171 37.1 32.2 48.2
 170 24.1 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





#47

2-Nitroaniline

Concen: 6.85 ng

RT: 14.44 min Scan# 1830

Delta R.T. 0.20 min

Lab File: BG027397.D

Acq: 13 Jun 2017 22:19

Instrument :

BNA_G

ClientSampleId :

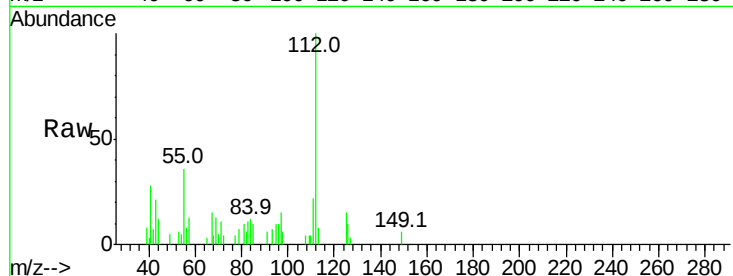
Tot Ion: 65 Resp: 60

Ion Ratio Lower Upper

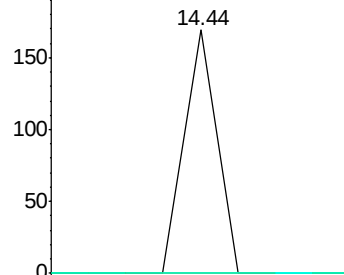
65 100

92 0.0 49.0 73.4#

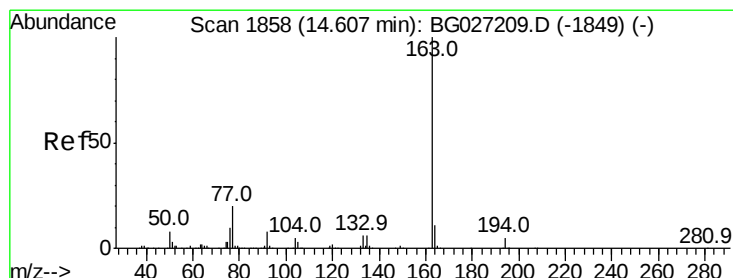
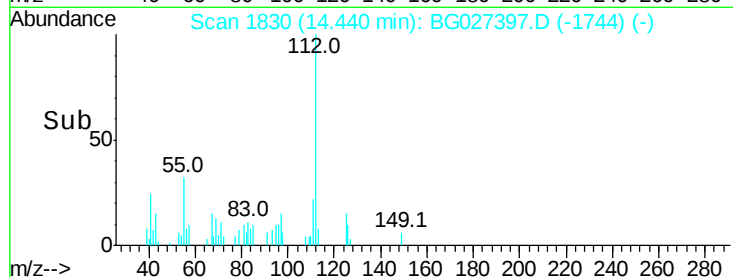
138 0.0 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time--> 14.42 14.44



#49

Dimethylphthalate

Concen: 17.48 ng

RT: 14.55 min Scan# 1849

Delta R.T. -0.06 min

Lab File: BG027397.D

Acq: 13 Jun 2017 22:19

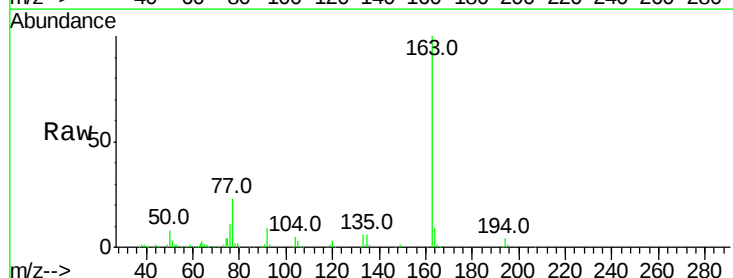
Tgt Ion: 163 Resp: 237941

Ion Ratio Lower Upper

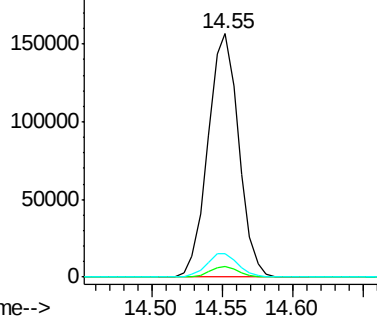
163 100

194 4.4 3.8 5.6

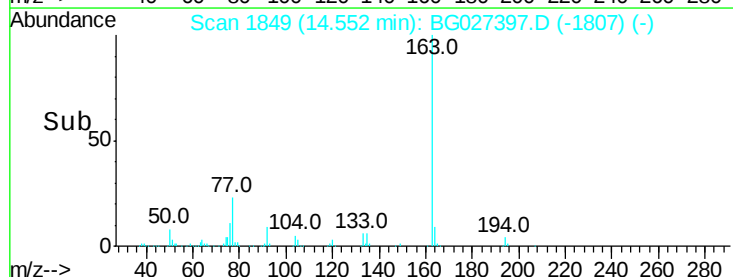
164 9.4 9.3 13.9

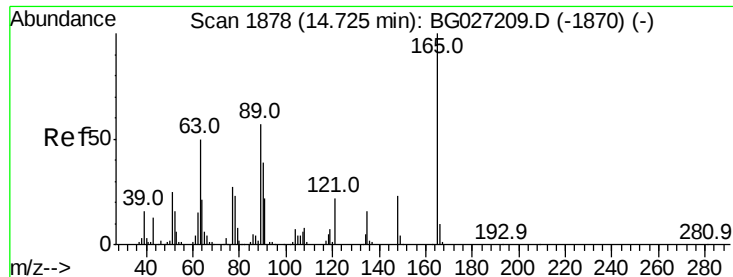


Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC



Time--> 14.50 14.55 14.60

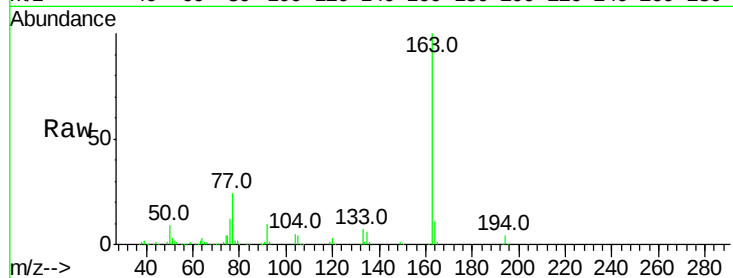




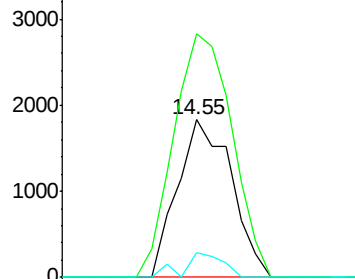
#50
2,6-Dinitrotoluene
Concen: 6.48 ng
RT: 14.55 min Scan# 1848
Delta R.T. -0.18 min
Lab File: BG027397.D
Acq: 13 Jun 2017 22:19

Instrument :
BNA_G
ClientSampleId :

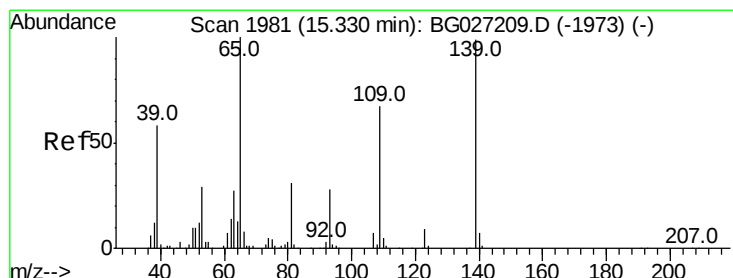
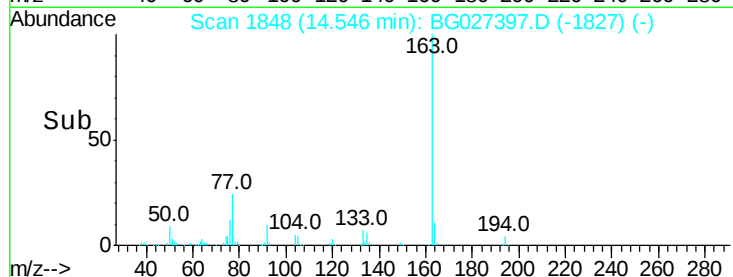
Tot Ion:165 Resp: 2706
Ion Ratio Lower Upper
165 100
63 154.5 63.9 95.9#
89 15.8 58.6 88.0#



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

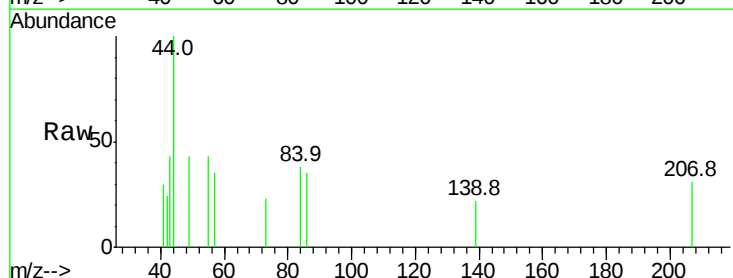


Time--> 14.50 14.55 14.60

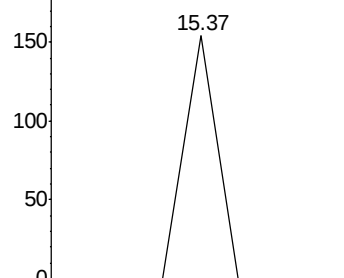


#55
4-Nitrophenol
Concen: 6.14 ng
RT: 15.37 min Scan# 1989
Delta R.T. 0.05 min
Lab File: BG027397.D
Acq: 13 Jun 2017 22:19

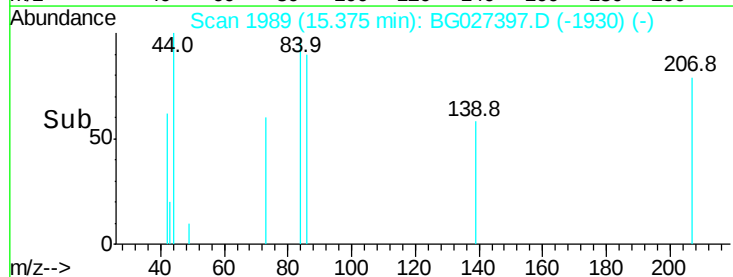
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#

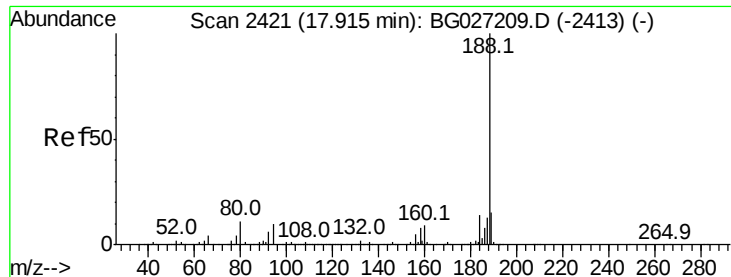


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO



Time--> 15.36 15.38

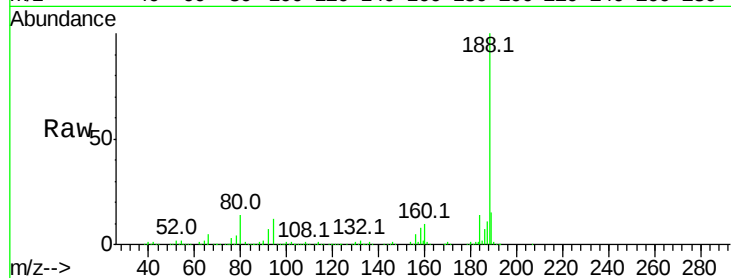




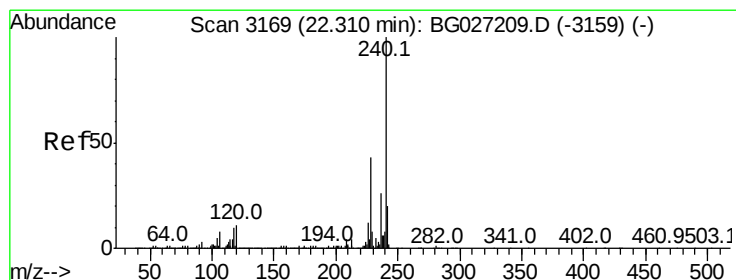
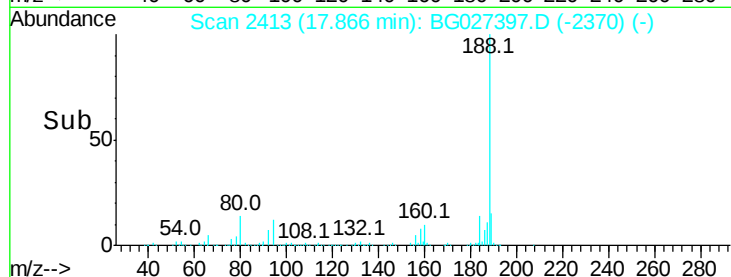
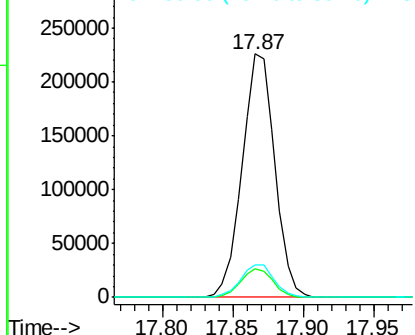
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2413
Delta R.T. -0.05 min
Lab File: BG027397.D
Acq: 13 Jun 2017 22:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 366523
Ion Ratio Lower Upper
188 100
94 12.0 5.8 8.8#
80 13.5 7.5 11.3#

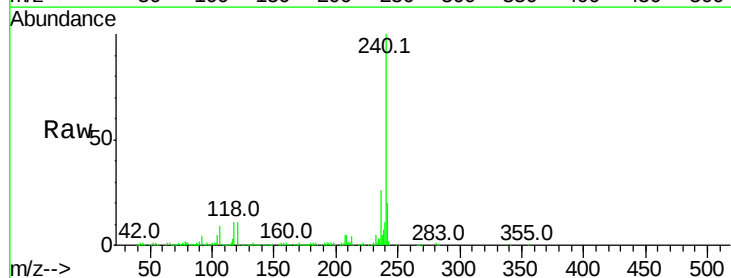


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

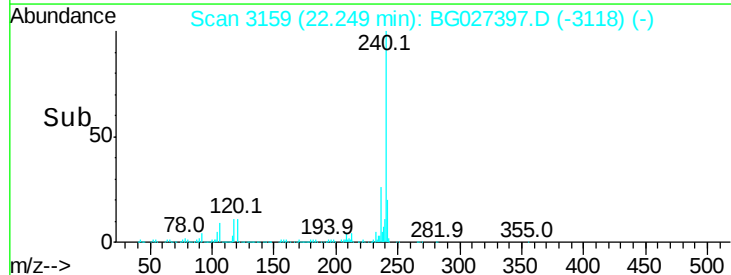
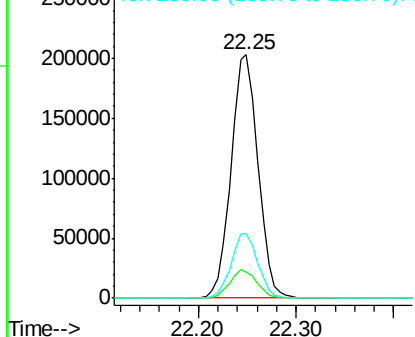


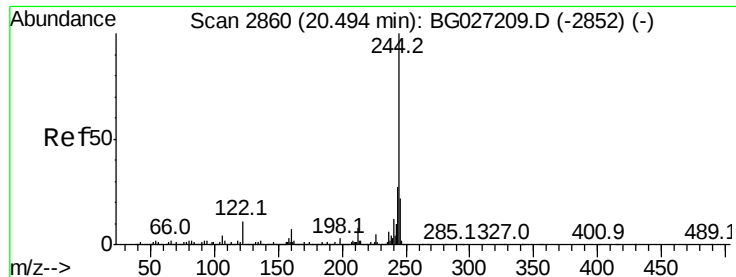
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027397.D
Acq: 13 Jun 2017 22:19

Tgt Ion:240 Resp: 388236
Ion Ratio Lower Upper
240 100
120 10.9 5.7 8.5#
236 26.2 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: 38.18 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027397.D

Acq: 13 Jun 2017 22:19

Instrument :

BNA_G

ClientSampled :

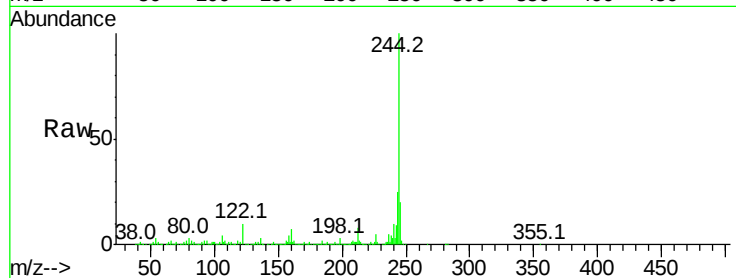
Tot Ion:244 Resp: 581016

Ion Ratio Lower Upper

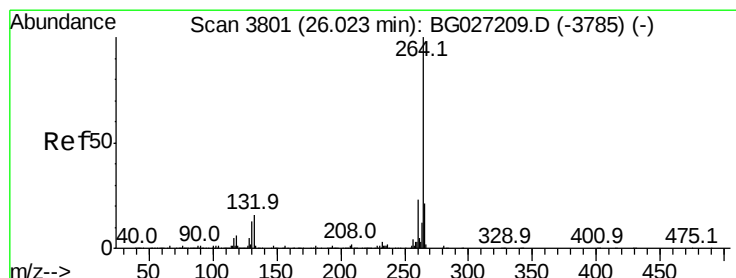
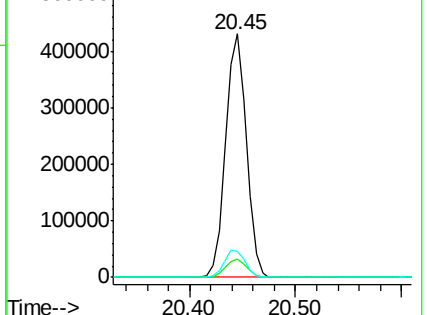
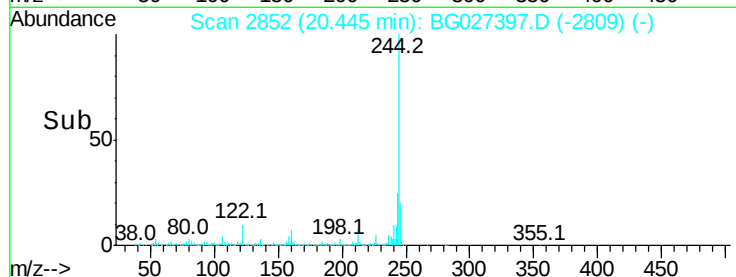
244 100

212 7.6 10.0 15.0#

122 10.5 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: 25.92 min Scan# 3783

Delta R.T. -0.11 min

Lab File: BG027397.D

Acq: 13 Jun 2017 22:19

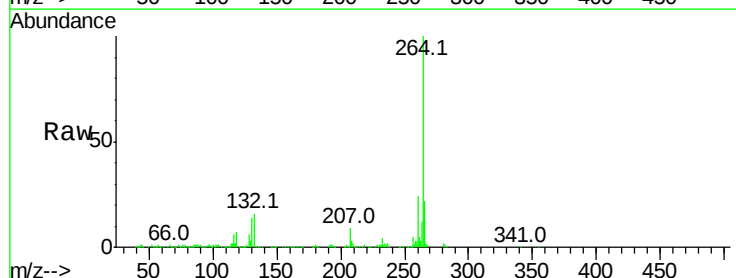
Tgt Ion:264 Resp: 377563

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 22.1 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

