

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062417\
 Data File : BG027656.D
 Acq On : 24 Jun 2017 12:51
 Operator : SJ/JU
 Sample : I3657-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 26 04:17:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

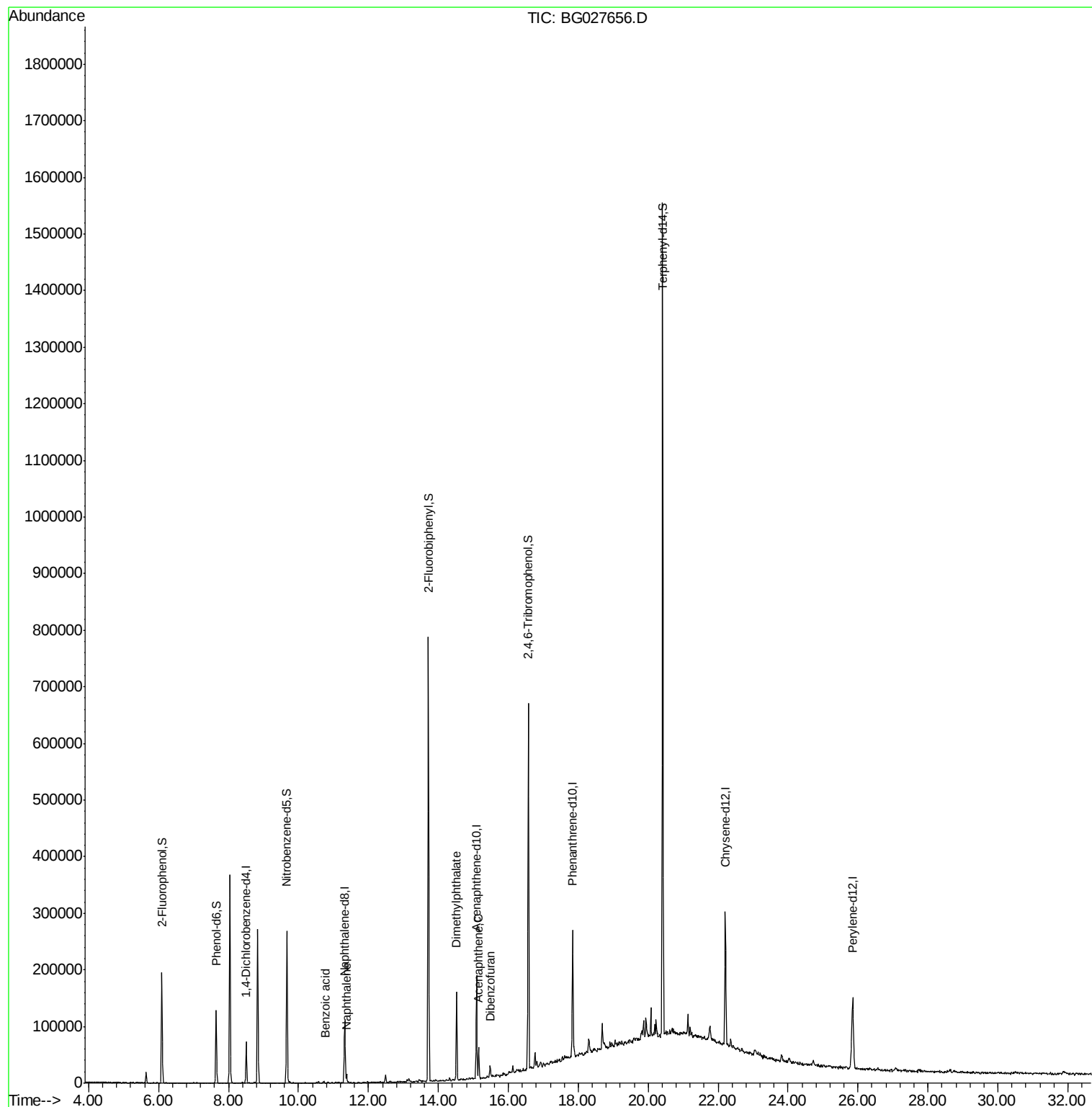
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19251	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	91069	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	57698	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	138338	20.00	ng	0.00
75) Chrysene-d12	22.20	240	155262	20.00	ng	-0.01
86) Perylene-d12	25.85	264	147245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	79091	58.47	ng	0.00
7) Phenol-d6	7.65	99	72337	36.12	ng	0.00
23) Nitrobenzene-d5	9.67	82	169884	88.27	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	115120	133.83	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	383556	90.81	ng	0.00
78) Terphenyl-d14	20.41	244	629241	95.49	ng	0.00
Target Compounds						
31) Naphthalene	11.37	128	11924	2.42	ng	Qvalue 98
32) Benzoic acid	10.76	122	56	7.92	ng	# 1
49) Dimethylphthalate	14.52	163	95033	18.81	ng	96
51) Acenaphthene	15.15	154	20454	4.68	ng	99
54) Dibenzofuran	15.48	168	11870	2.09	ng	96

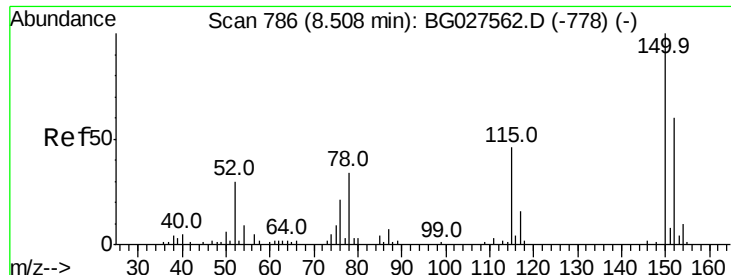
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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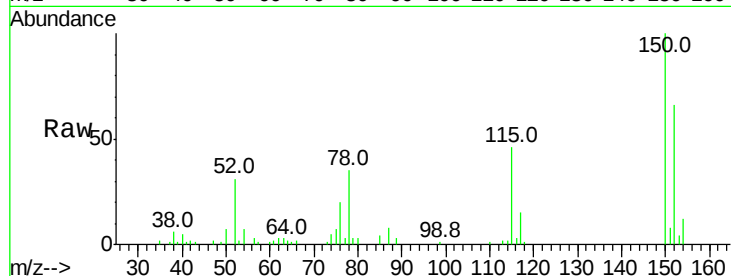


#1

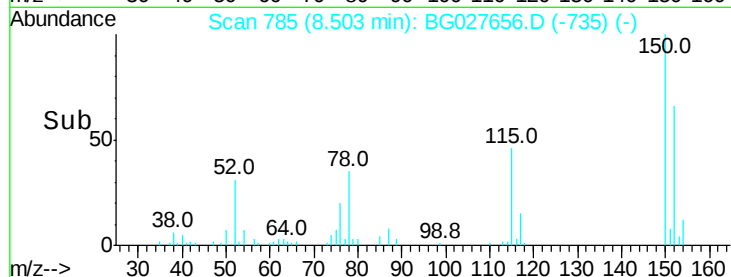
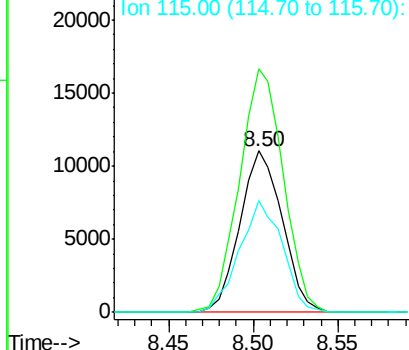
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG027656.D
Acq: 24 Jun 2017 12:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19251
Ion Ratio Lower Upper
152 100
150 151.1 114.0 171.0
115 69.1 48.1 72.1



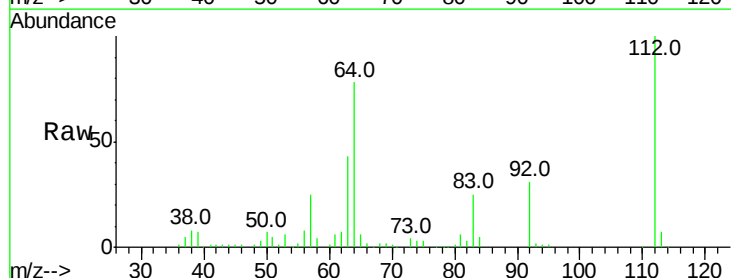
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



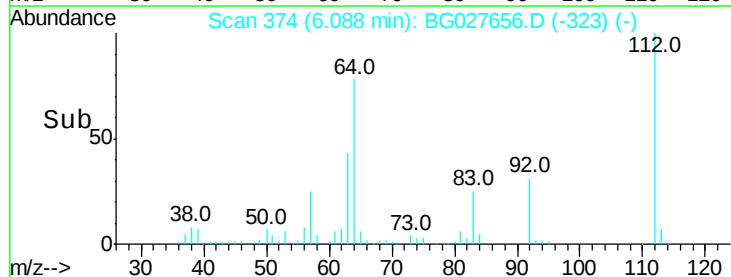
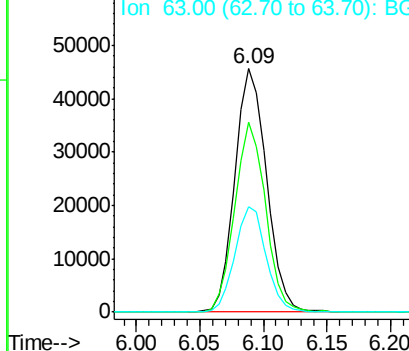
#5

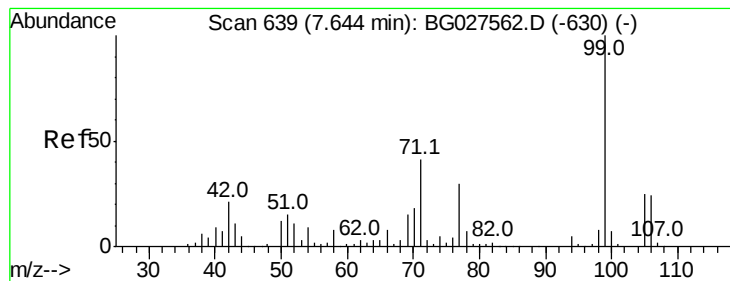
2-Fluorophenol
Concen: 58.47 ng
RT: 6.09 min Scan# 374
Delta R.T. 0.00 min
Lab File: BG027656.D
Acq: 24 Jun 2017 12:51

Tgt Ion:112 Resp: 79091
Ion Ratio Lower Upper
112 100
64 78.1 61.8 92.6
63 43.1 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: 36.12 ng

RT: 7.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

Instrument :

BNA_G

ClientSampleId :

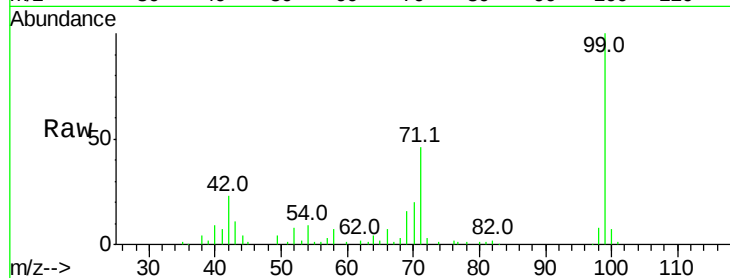
Tot Ion: 99 Resp: 72337

Ion Ratio Lower Upper

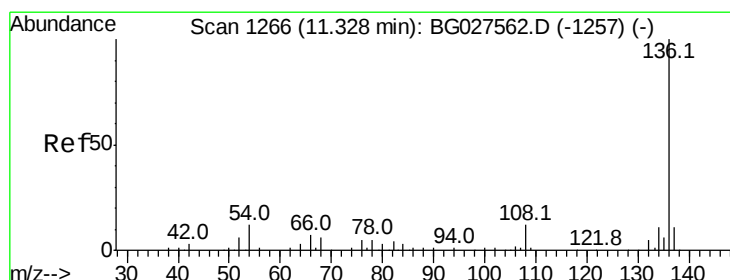
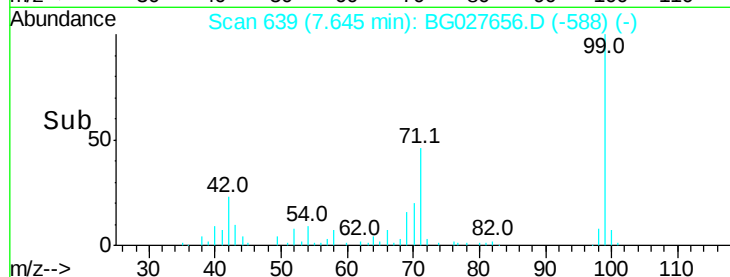
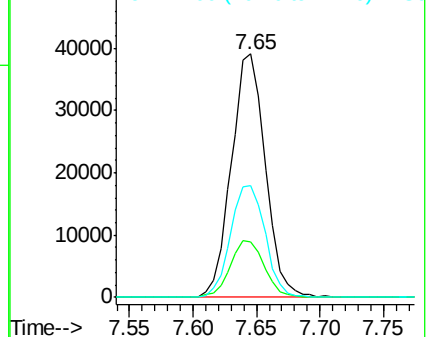
99 100

42 22.5 20.5 30.7

71 46.0 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: 11.32 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

Tgt Ion: 136 Resp: 91069

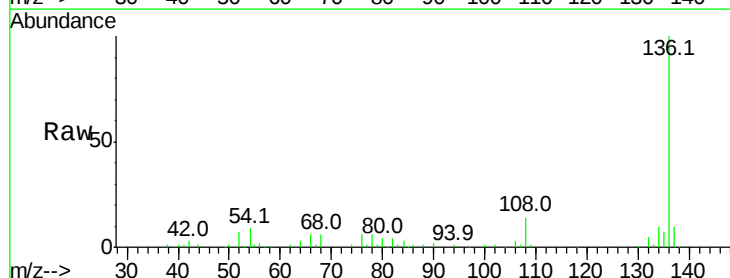
Ion Ratio Lower Upper

136 100

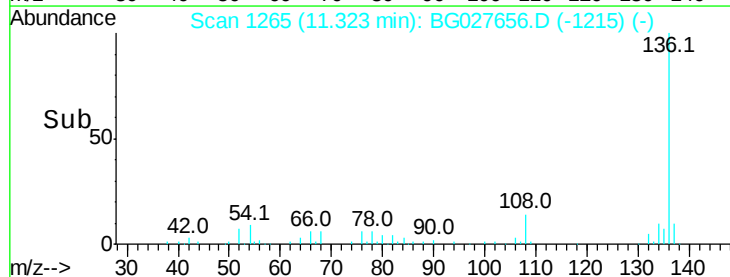
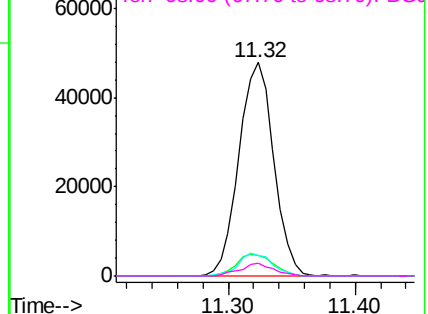
137 9.7 8.9 13.3

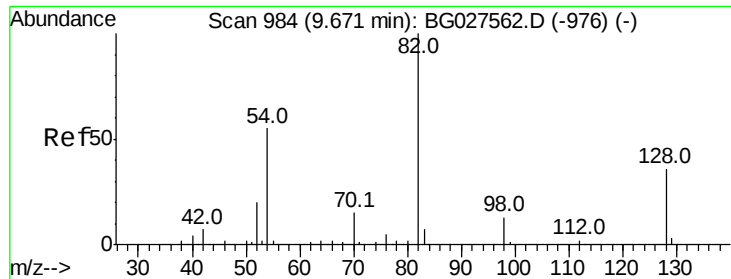
54 9.4 9.3 13.9

68 5.8 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

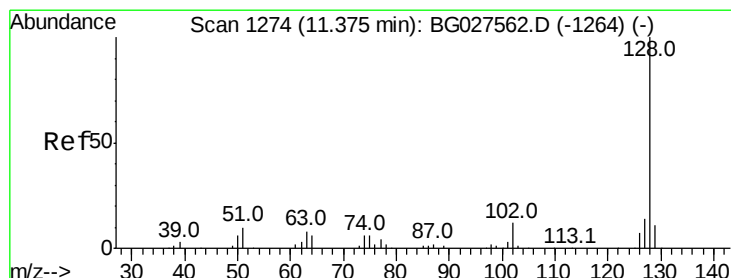
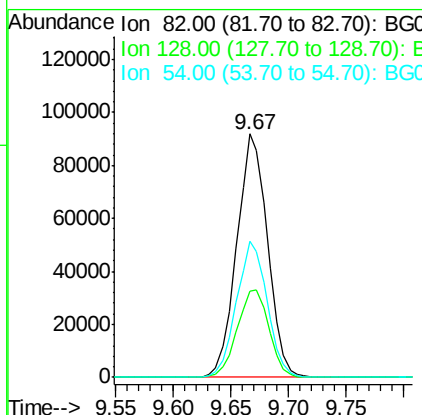
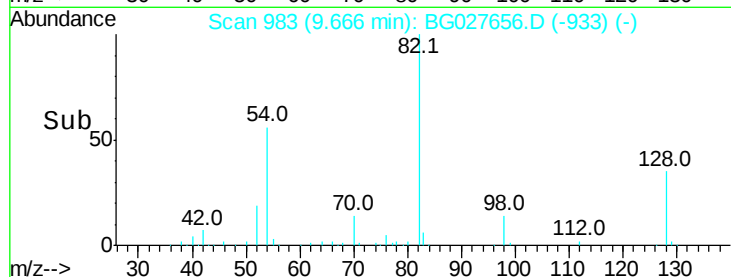
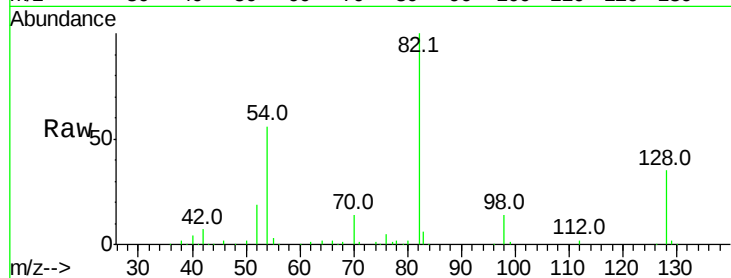




#23
Nitrobenzene-d5
Concen: 88.27 ng
RT: 9.67 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG027656.D
Acq: 24 Jun 2017 12:51

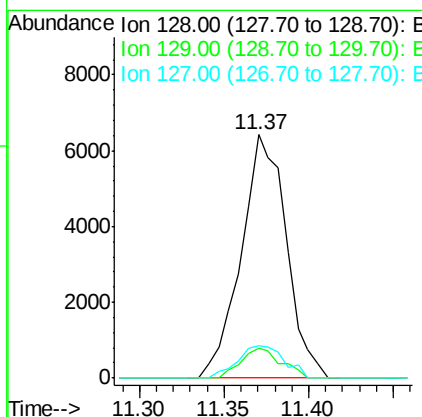
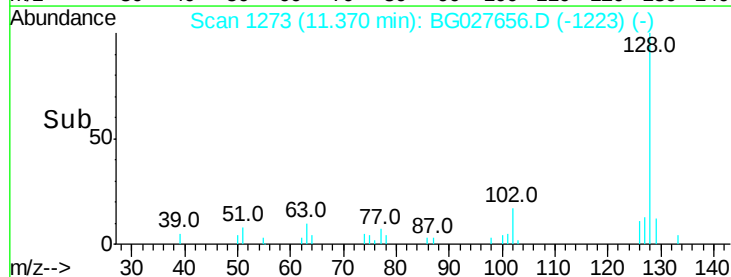
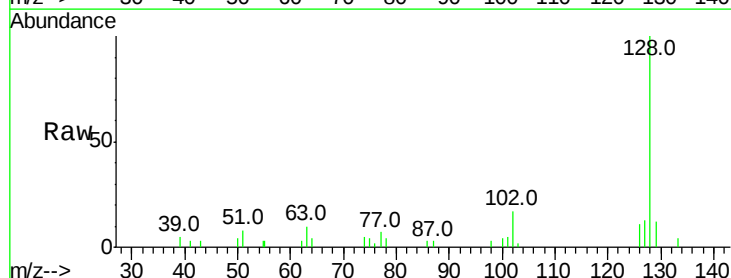
Instrument :
BNA_G
ClientSampleId :

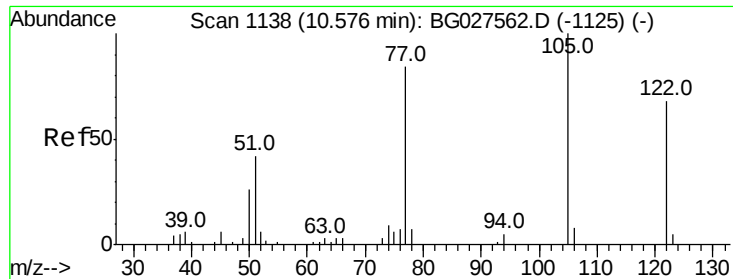
Tot Ion: 82 Resp: 169884
Ion Ratio Lower Upper
82 100
128 35.4 26.4 39.6
54 55.7 49.4 74.2



#31
Naphthalene
Concen: 2.42 ng
RT: 11.37 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG027656.D
Acq: 24 Jun 2017 12:51

Tgt Ion: 128 Resp: 11924
Ion Ratio Lower Upper
128 100
129 12.2 9.3 13.9
127 13.2 11.4 17.0





#32

Benzoic acid

Concen: 7.92 ng

RT: 10.76 min Scan# 1169

Delta R.T. 0.18 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

Instrument :

BNA_G

ClientSampleId :

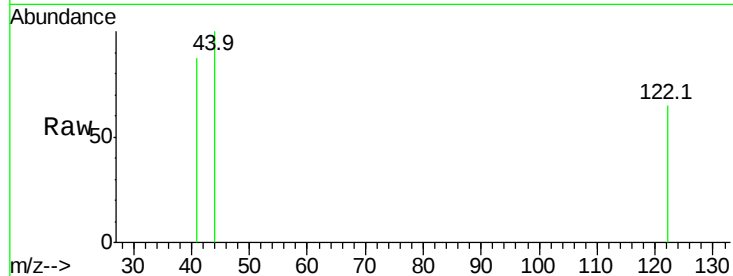
Tot Ion:122 Resp: 56

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

77 0.0 104.6 144.6#

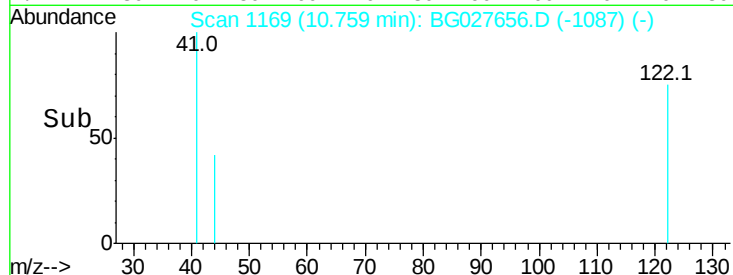


Abundance Ion 122.00 (121.70 to 122.70): E

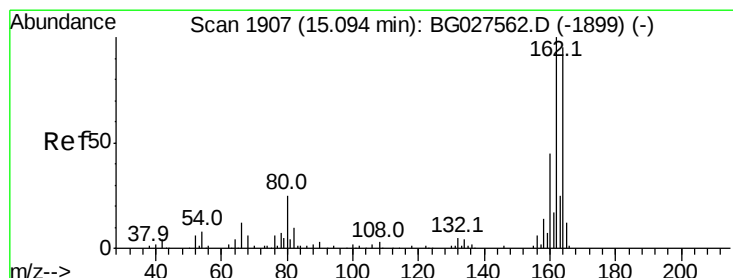
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

10.76



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.09 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

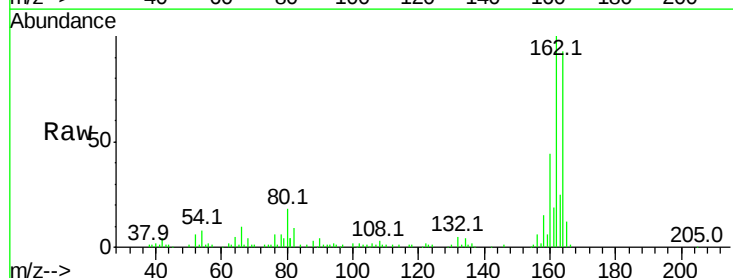
Tgt Ion:164 Resp: 57698

Ion Ratio Lower Upper

164 100

162 107.5 85.1 127.7

160 46.9 34.7 52.1

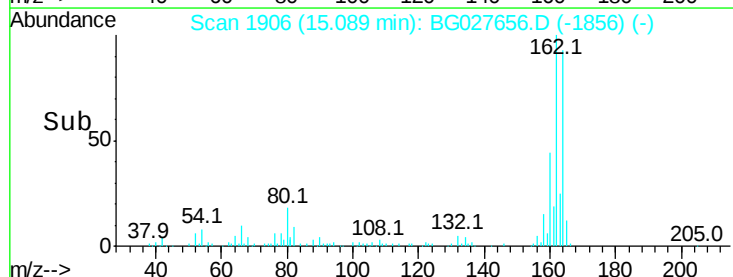


Abundance Ion 164.00 (163.70 to 164.70): E

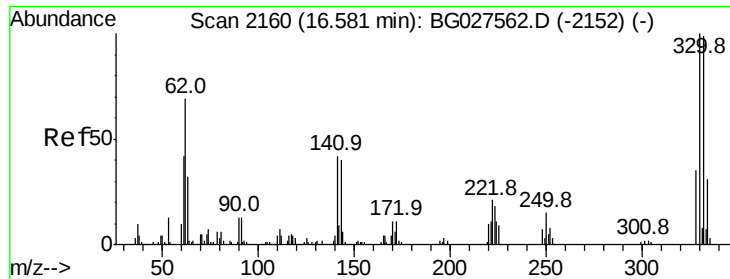
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

15.09



Time-->



#41

2,4,6-Tribromophenol

Concen: 133.83 ng

RT: 16.58 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

Instrument :

BNA_G

ClientSampleId :

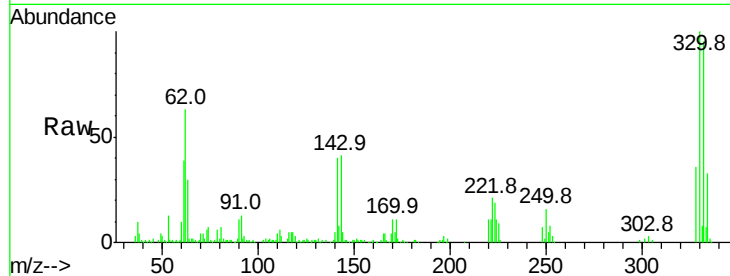
Tot Ion:330 Resp: 115120

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

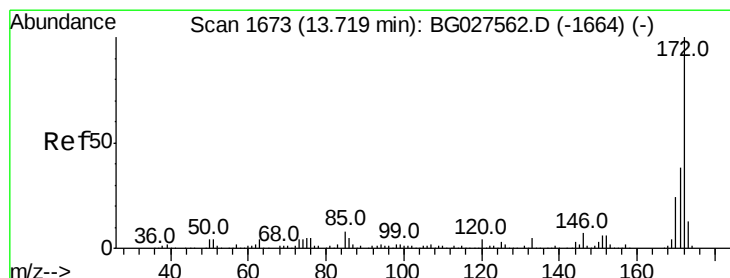
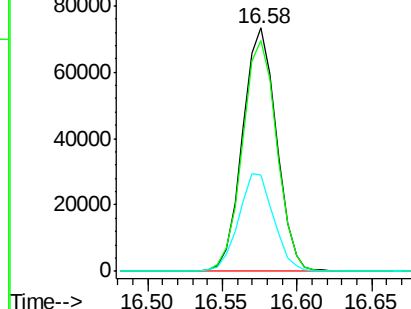
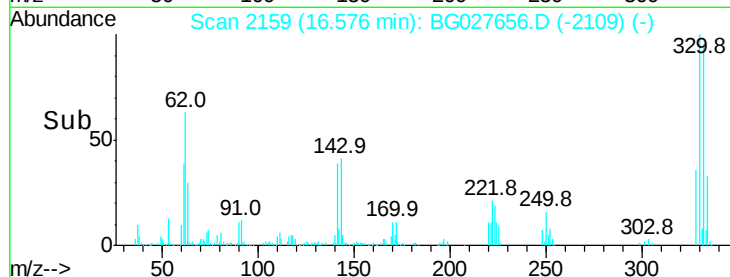
141 41.8 32.1 48.1



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: 90.81 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

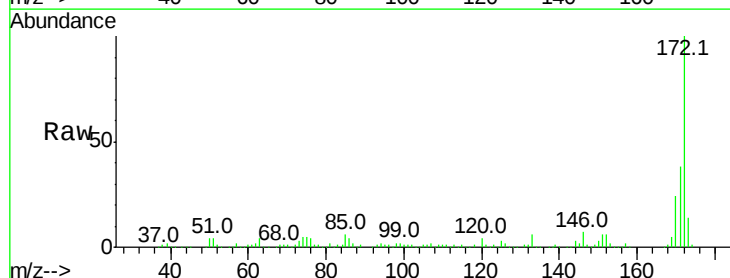
Tgt Ion:172 Resp: 383556

Ion Ratio Lower Upper

172 100

171 37.7 32.2 48.2

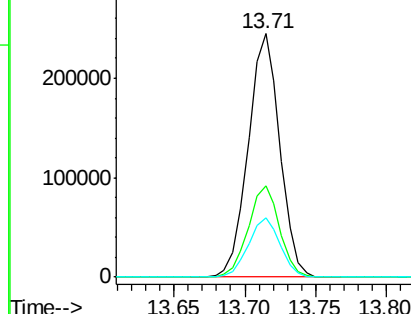
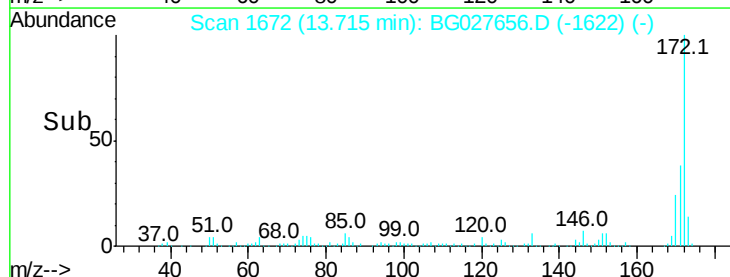
170 24.3 21.8 32.6

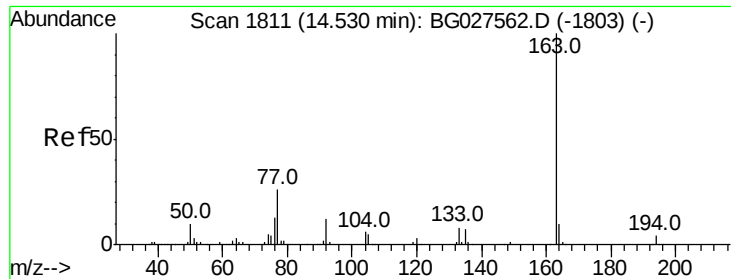


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

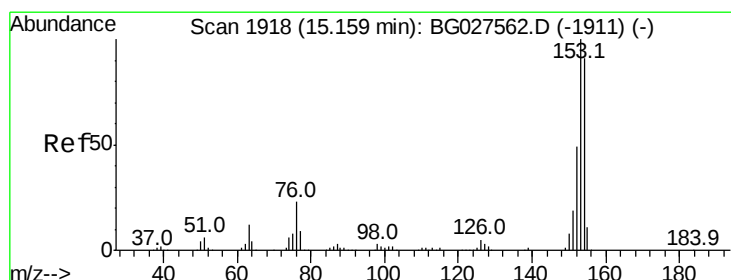
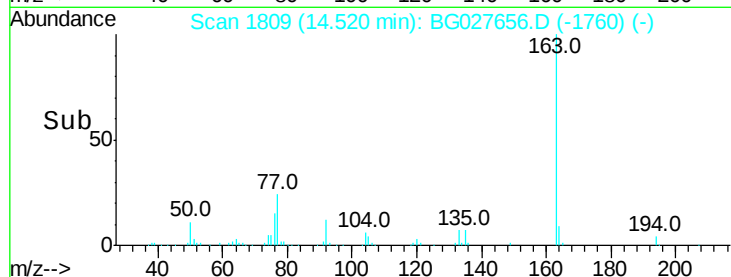
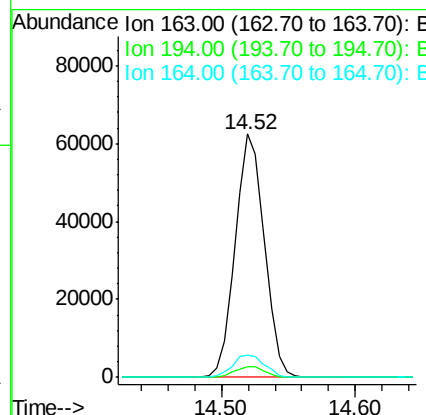
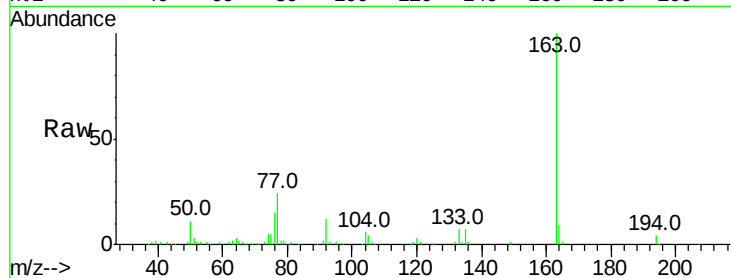




#49
Dimethylphthalate
Concen: 18.81 ng
RT: 14.52 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG027656.D
Acq: 24 Jun 2017 12:51

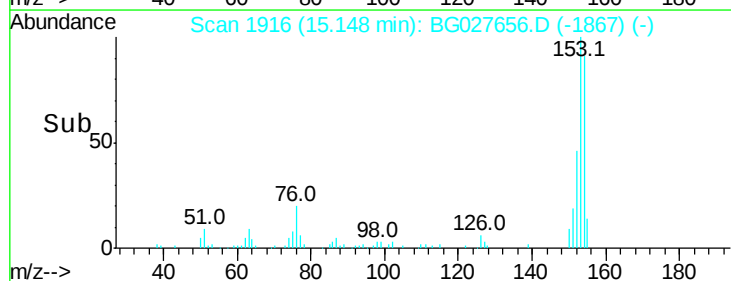
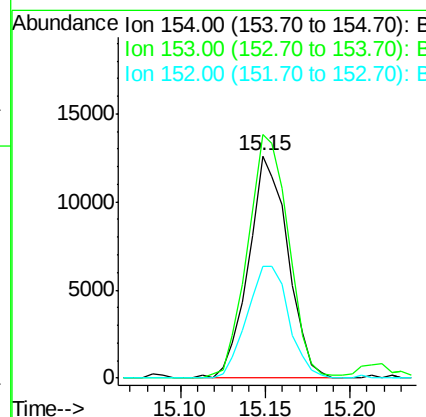
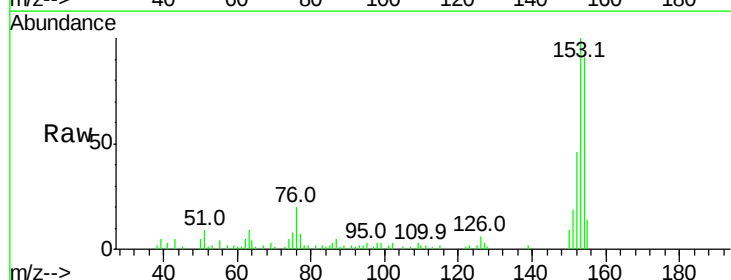
Instrument :
BNA_G
ClientSampleId :

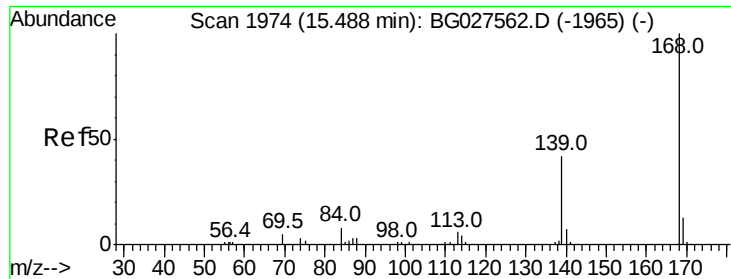
Tot Ion:163 Resp: 95033
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 9.3 9.3 13.9



#51
Acenaphthene
Concen: 4.68 ng
RT: 15.15 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BG027656.D
Acq: 24 Jun 2017 12:51

Tgt Ion:154 Resp: 20454
Ion Ratio Lower Upper
154 100
153 109.4 87.8 131.6
152 50.4 42.2 63.4

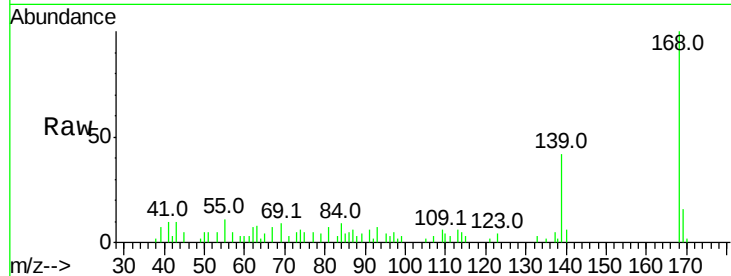




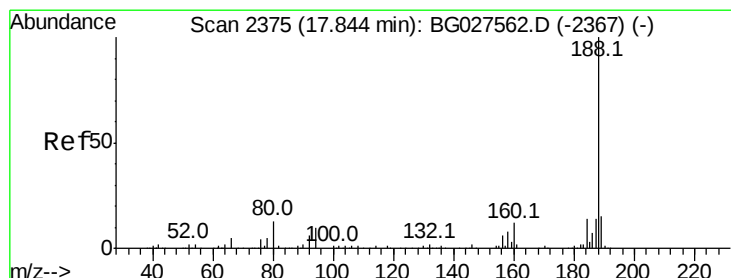
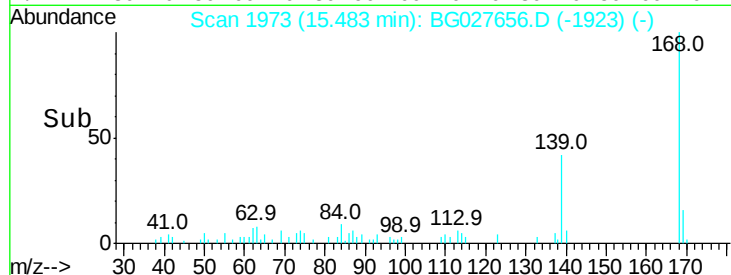
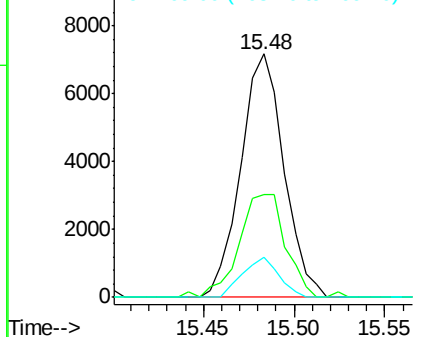
#54
Dibenzenofuran
Concen: 2.09 ng
RT: 15.48 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG027656.D
Acq: 24 Jun 2017 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 11870
Ion Ratio Lower Upper
168 100
139 42.1 35.3 52.9
169 16.3 11.5 17.3

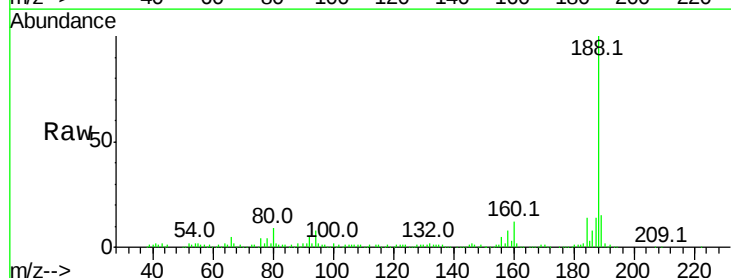


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

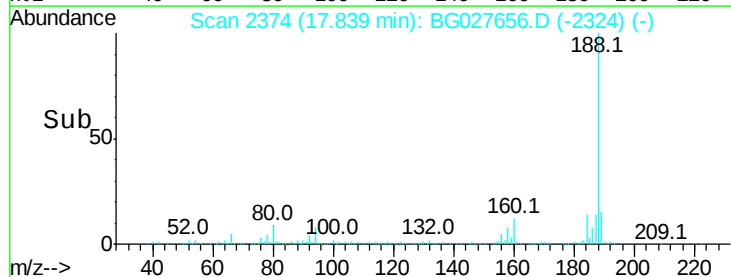
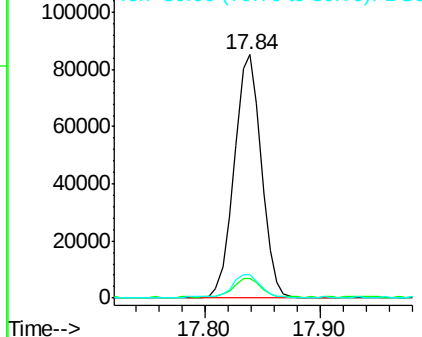


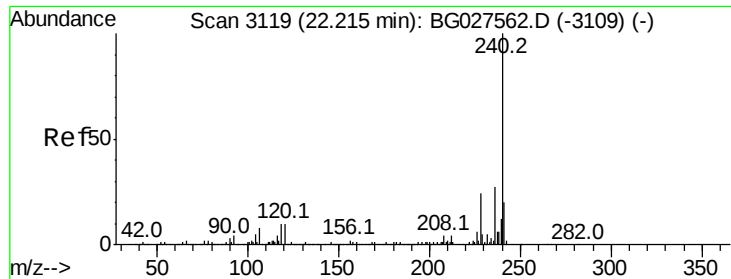
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG027656.D
Acq: 24 Jun 2017 12:51

Tgt Ion:188 Resp: 138338
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.8
80 9.4 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: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

Instrument :

BNA_G

ClientSampleId :

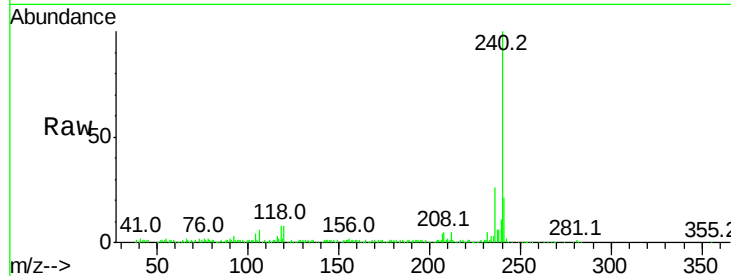
Tot Ion:240 Resp: 155262

Ion Ratio Lower Upper

240 100

120 7.9 5.7 8.5

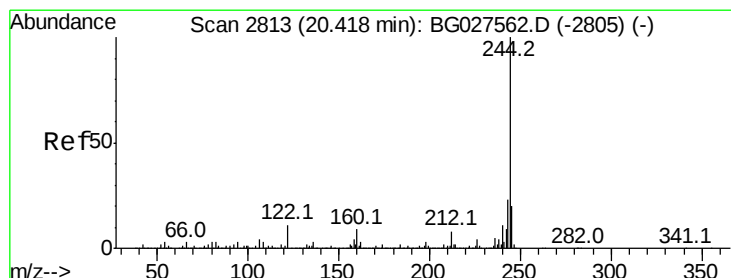
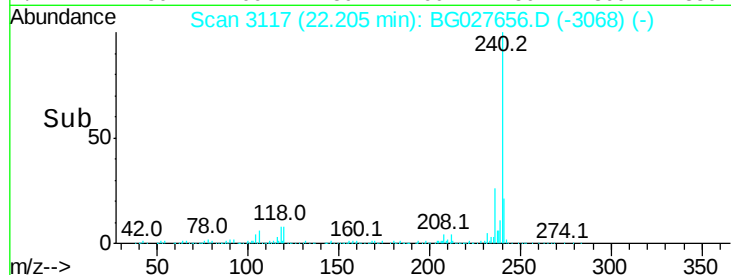
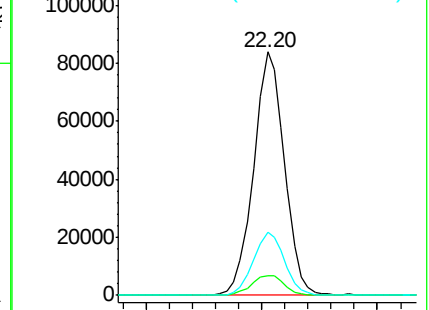
236 26.2 22.2 33.4



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: 95.49 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

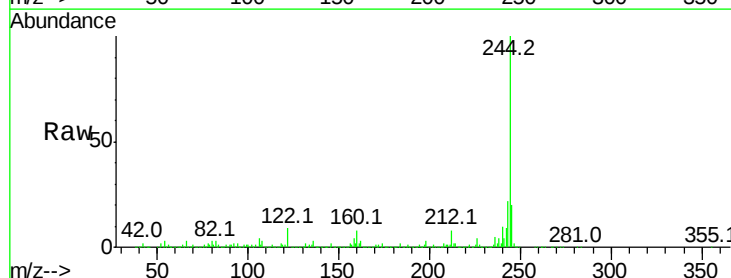
Tgt Ion:244 Resp: 629241

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

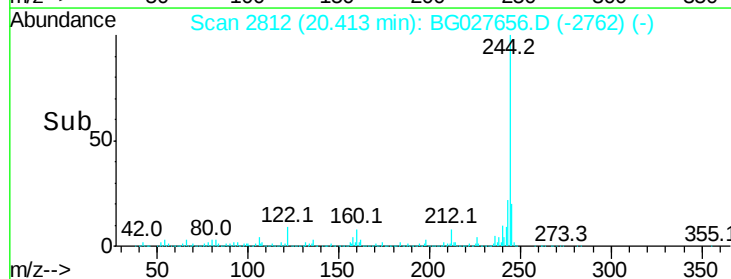
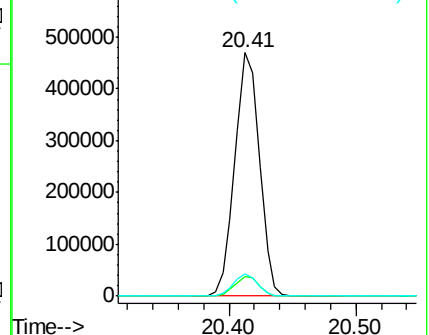
122 9.1 8.6 12.8

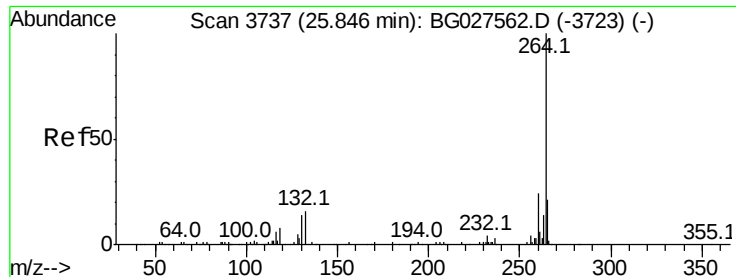


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.85 min Scan# 3737
 Delta R.T. 0.00 min
 Lab File: BG027656.D
 Acq: 24 Jun 2017 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	21.8	32.8
265	21.4	18.2	27.4

