

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032137.D
 Acq On : 18 Jan 2018 14:00
 Operator : SJ/JU
 Sample : J1156-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CW-PH1

Quant Time: Jan 18 14:40:37 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

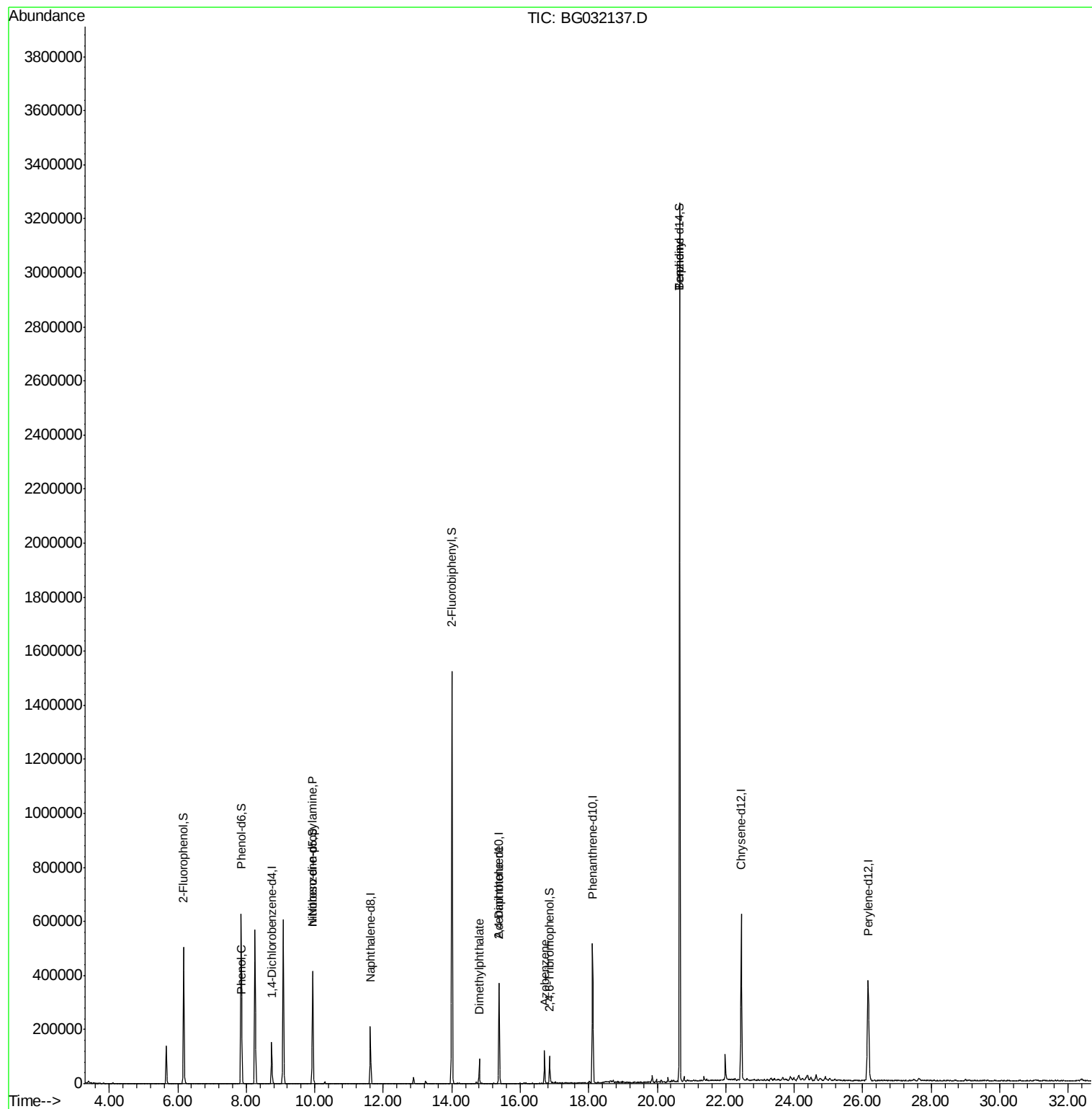
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	50799	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	199228	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	140787	20.00	ng	-0.02
63) Phenanthrene-d10	18.11	188	373743	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	469543	20.00	ng	-0.03
86) Perylene-d12	26.16	264	504703	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	261648	94.20	ng	-0.02
7) Phenol-d6	7.85	99	402948	115.19	ng	-0.02
23) Nitrobenzene-d5	9.94	82	261786	88.90	ng	-0.03
41) 2,4,6-Tribromophenol	16.85	330	27234	11.69	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	927153	81.66	ng	-0.03
78) Terphenyl-d14	20.66	244	1757314	82.64	ng	-0.02
Target Compounds						
10) Phenol	7.88	94	12925	3.751	ng	81
19) n-Nitroso-di-n-propylamine	9.94	70	36555	16.842	ng	# 77
49) Dimethylphthalate	14.80	163	71523	5.805	ng	# 98
56) 2,4-Dinitrotoluene	15.38	165	18105	5.259	ng	# 17
62) Azobenzene	16.71	77	32332	4.325	ng	# 1
76) Benzidine	20.65	184	24416	2.079	ng	# 91

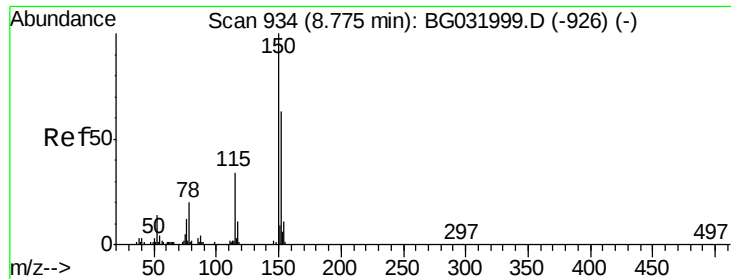
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



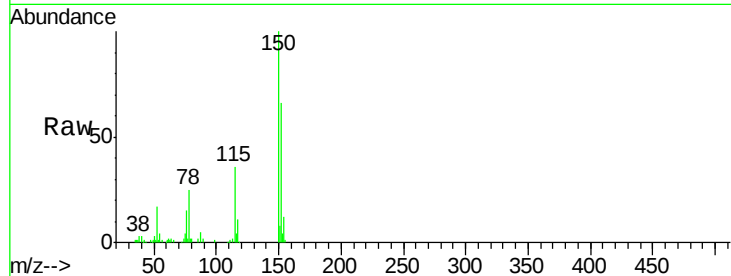


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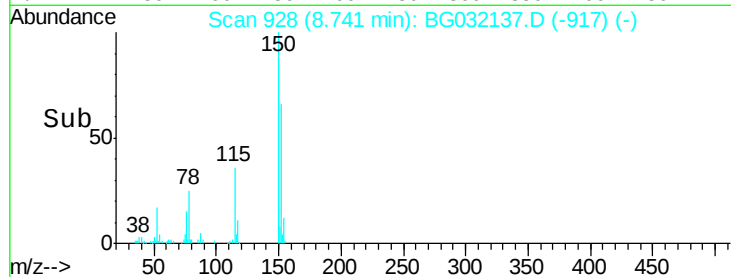
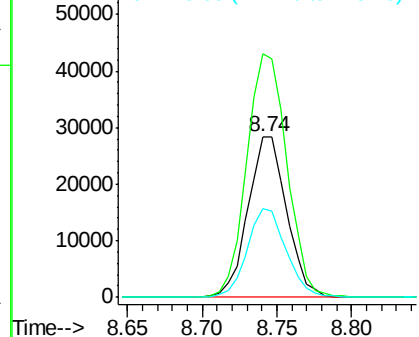
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.03 min
Lab File: BG032137.D
Acq: 18 Jan 2018 14:00

Instrument :
BNA_G
ClientSampleId :
CW-PH1

Tgt Ion:152 Resp: 50799
Ion Ratio Lower Upper
152 100
150 151.3 126.6 189.8
115 54.9 53.0 79.4



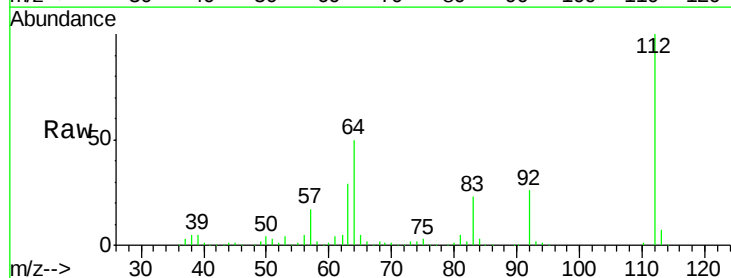
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



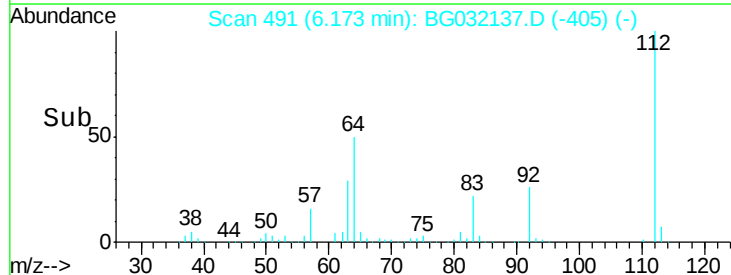
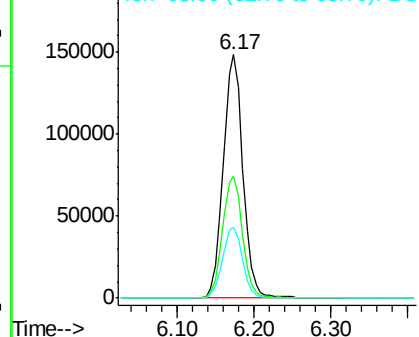
#5

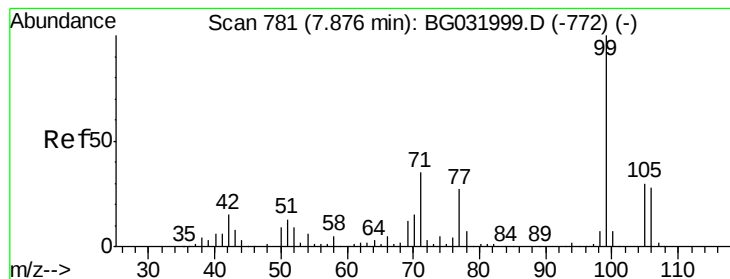
2-Fluorophenol
Concen: 94.202 ng
RT: 6.17 min Scan# 491
Delta R.T. -0.02 min
Lab File: BG032137.D
Acq: 18 Jan 2018 14:00

Tgt Ion:112 Resp: 261648
Ion Ratio Lower Upper
112 100
64 50.1 56.3 84.5#
63 29.0 30.1 45.1#



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: 115.190 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.02 min

Lab File: BG032137.D

Acq: 18 Jan 2018 14:00

Instrument :

BNA_G

ClientSampleId :

CW-PH1

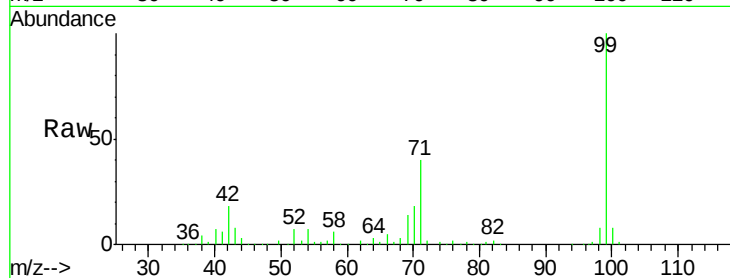
Tgt Ion: 99 Resp: 402948

Ion Ratio Lower Upper

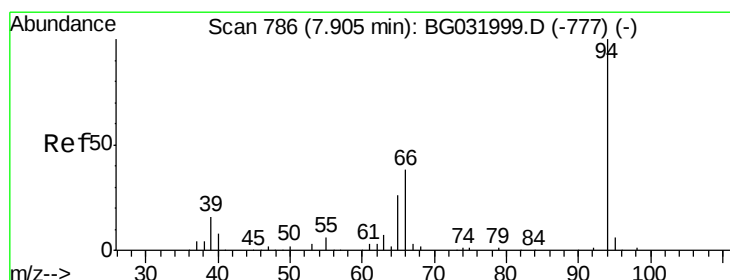
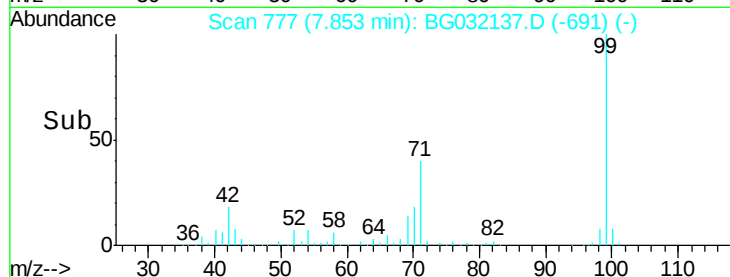
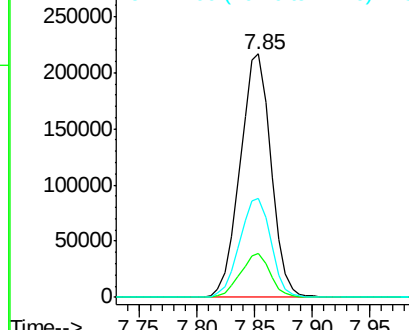
99 100

42 18.0 14.1 21.1

71 40.4 26.1 39.1#



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



#10

Phenol

Concen: 3.751 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.03 min

Lab File: BG032137.D

Acq: 18 Jan 2018 14:00

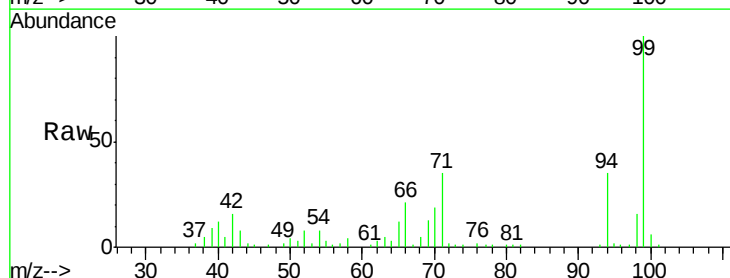
Tgt Ion: 94 Resp: 12925

Ion Ratio Lower Upper

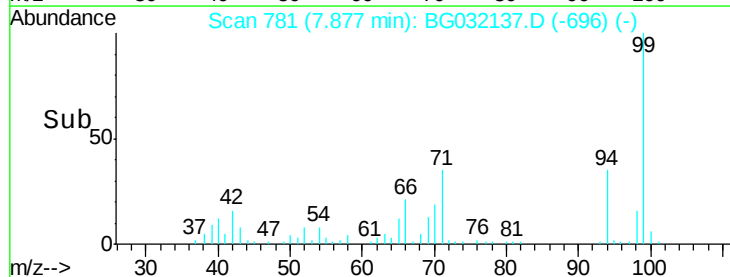
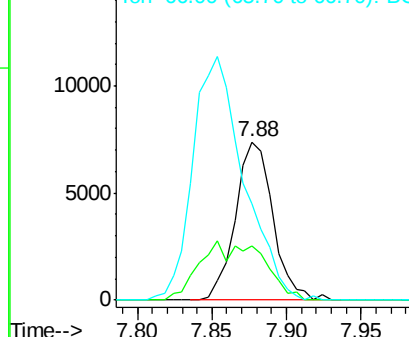
94 100

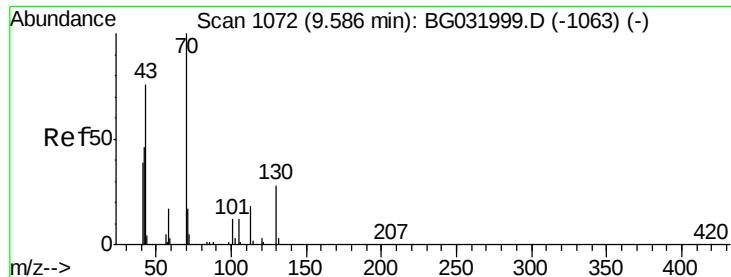
65 34.4 11.9 51.9

66 61.1 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

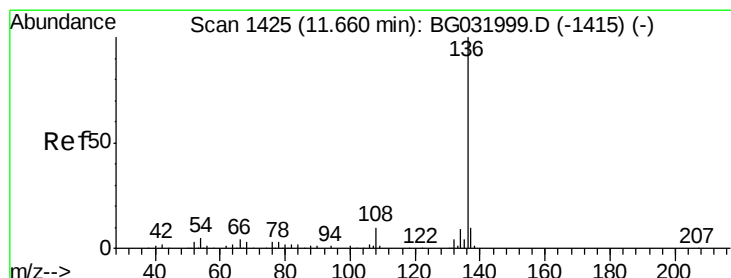
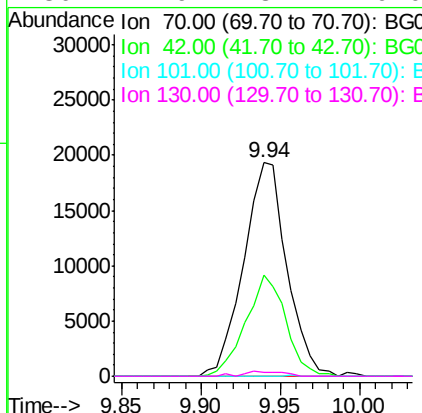
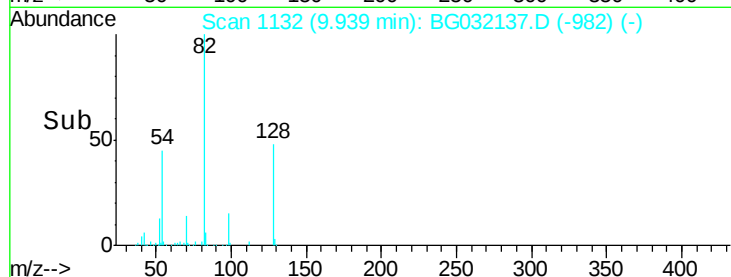
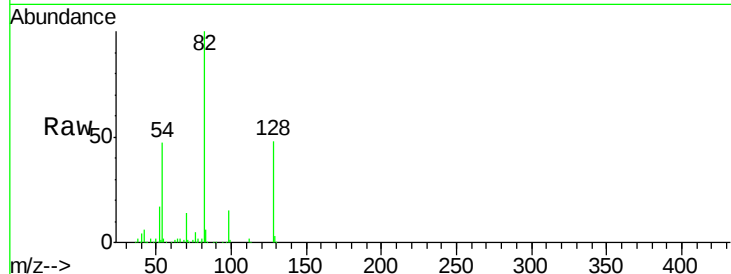




#19
n-Nitroso-di-n-propylamine
Concen: 16.842 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.35 min
Lab File: BG032137.D
Acq: 18 Jan 2018 14:00

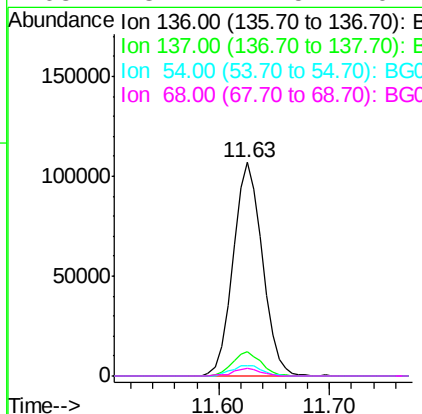
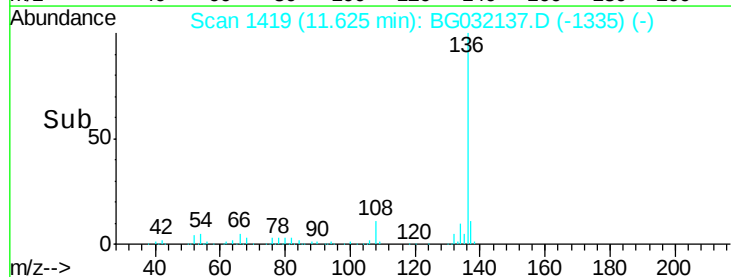
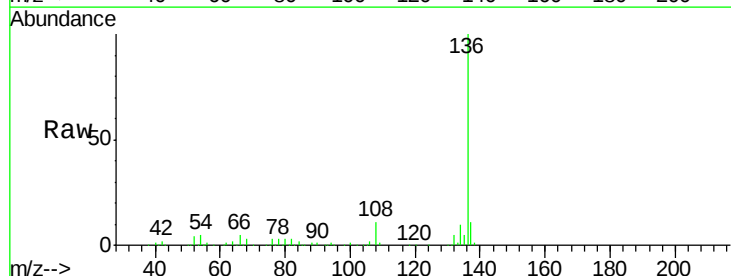
Instrument :
BNA_G
ClientSampleId :
CW-PH1

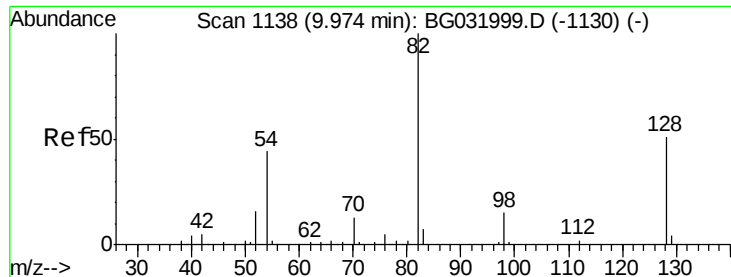
Tgt Ion: 70 Resp: 36555
Ion Ratio Lower Upper
70 100
42 47.2 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BG032137.D
Acq: 18 Jan 2018 14:00

Tgt Ion: 136 Resp: 199228
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 4.9 10.3 15.5#
68 3.4 4.5 6.7#

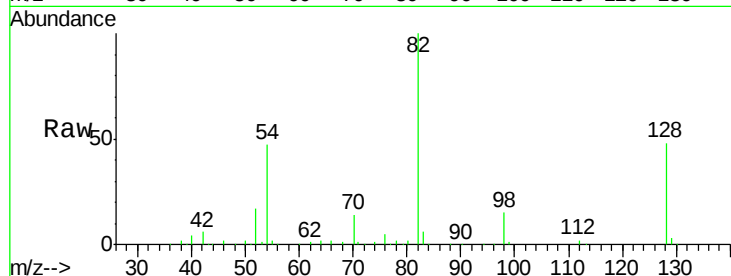




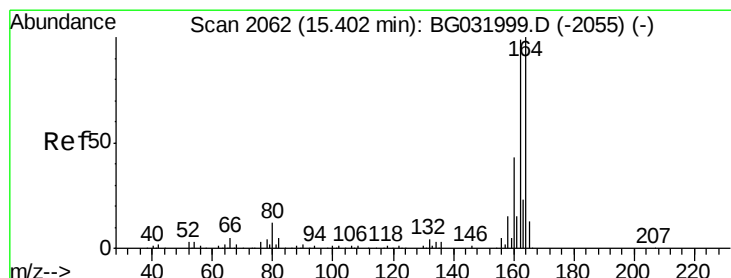
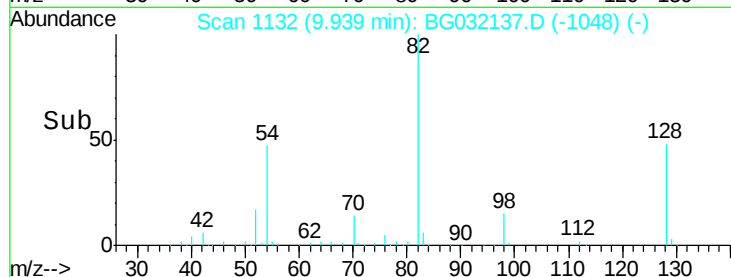
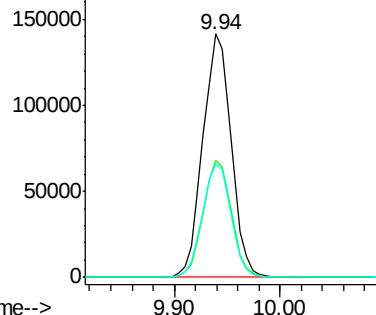
#23
 Nitrobenzene-d5
 Concen: 88.898 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BG032137.D
 Acq: 18 Jan 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 CW-PH1

Tgt Ion: 82 Resp: 261786
 Ion Ratio Lower Upper
 82 100
 128 48.0 29.7 44.5#
 54 46.5 43.1 64.7

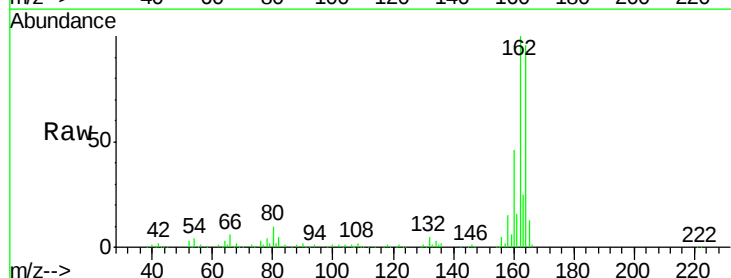


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

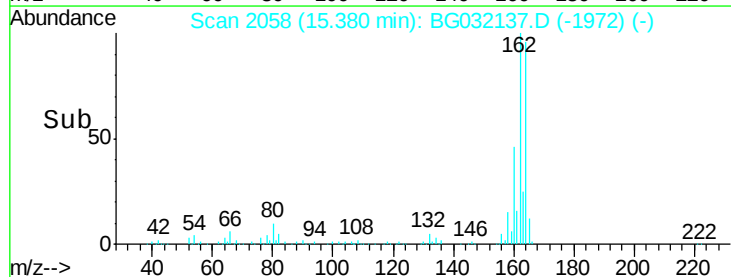
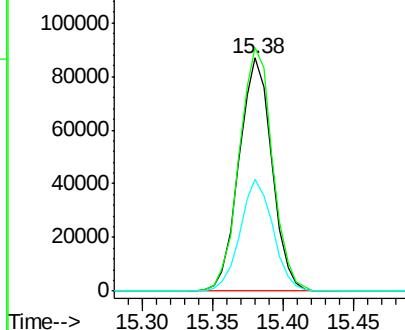


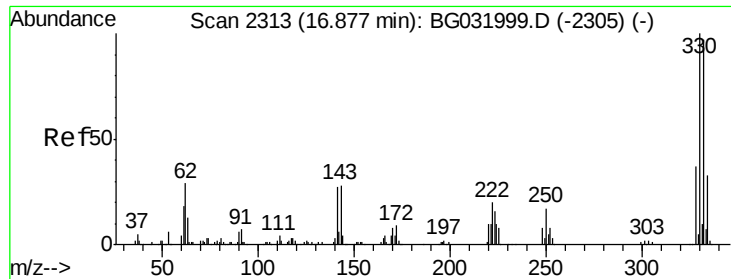
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.02 min
 Lab File: BG032137.D
 Acq: 18 Jan 2018 14:00

Tgt Ion: 164 Resp: 140787
 Ion Ratio Lower Upper
 164 100
 162 104.4 78.8 118.2
 160 47.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 11.690 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BG032137.D

Acq: 18 Jan 2018 14:00

Instrument :

BNA_G

ClientSampleId :

CW-PH1

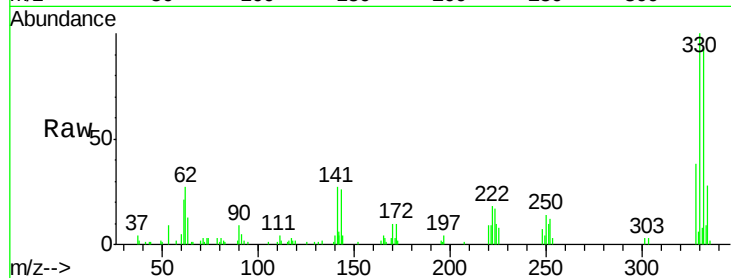
Tgt Ion:330 Resp: 27234

Ion Ratio Lower Upper

330 100

332 89.9 77.0 115.6

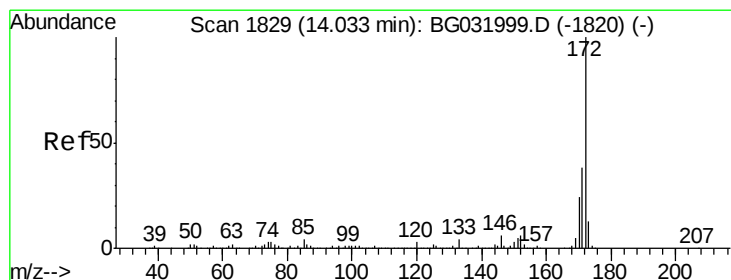
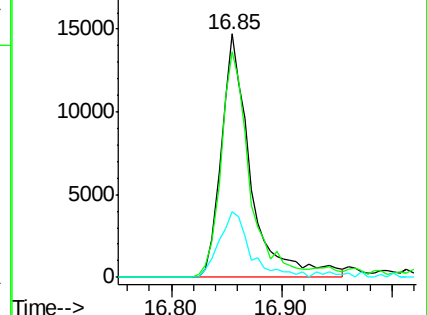
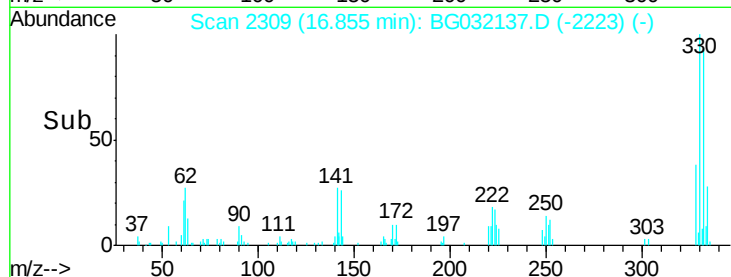
141 28.4 25.2 37.8



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: 81.657 ng

RT: 14.01 min Scan# 1824

Delta R.T. -0.03 min

Lab File: BG032137.D

Acq: 18 Jan 2018 14:00

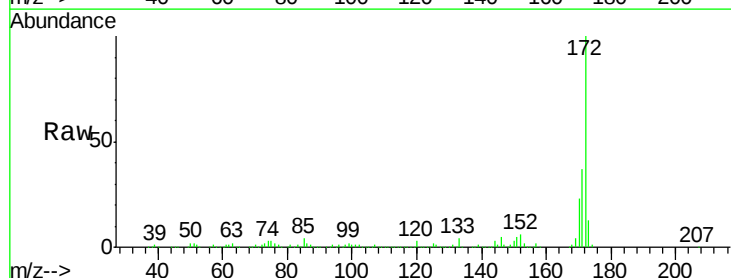
Tgt Ion:172 Resp: 927153

Ion Ratio Lower Upper

172 100

171 37.3 30.0 45.0

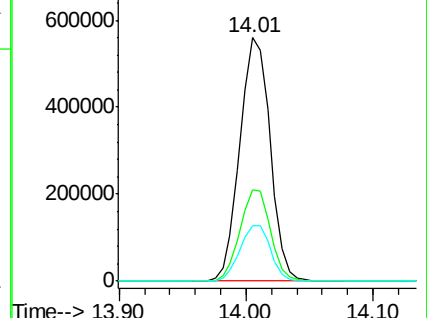
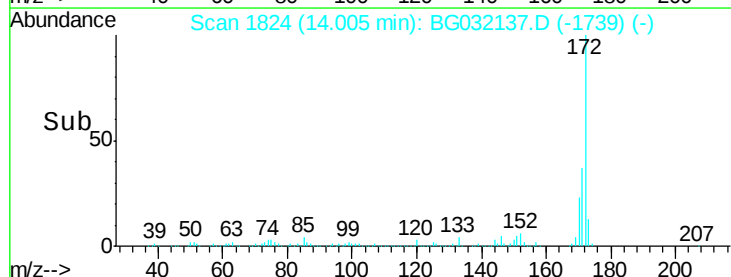
170 22.9 19.5 29.3

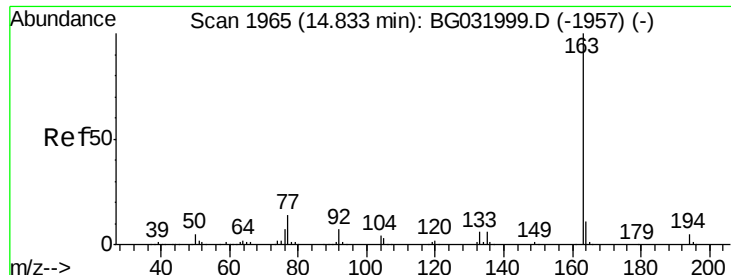


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.805 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.03 min

Lab File: BG032137.D

Acq: 18 Jan 2018 14:00

Instrument :

BNA_G

ClientSampleId :

CW-PH1

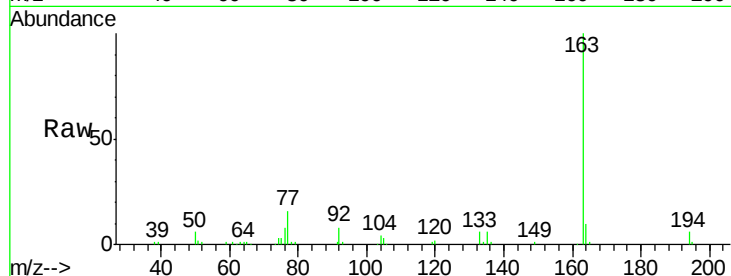
Tgt Ion:163 Resp: 71523

Ion Ratio Lower Upper

163 100

194 5.8 3.4 5.2#

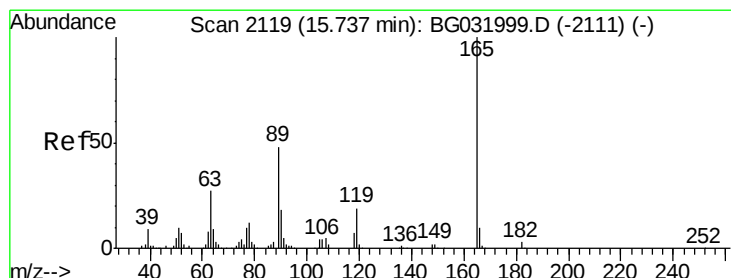
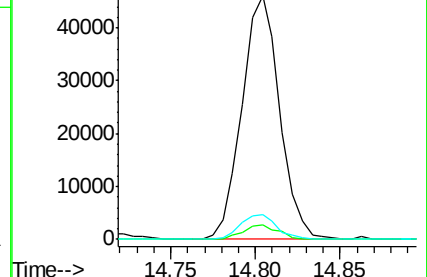
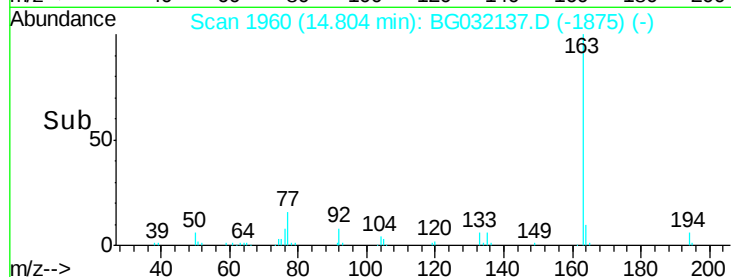
164 10.4 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 5.259 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.36 min

Lab File: BG032137.D

Acq: 18 Jan 2018 14:00

Tgt Ion:165 Resp: 18105

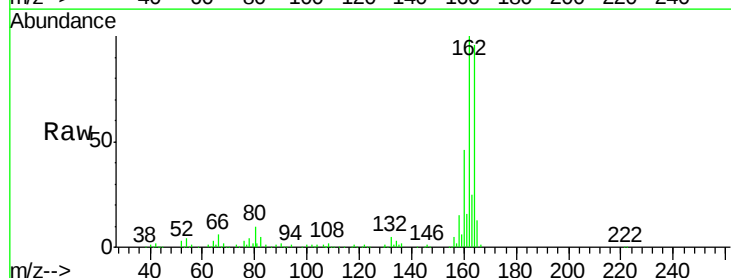
Ion Ratio Lower Upper

165 100

63 2.2 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

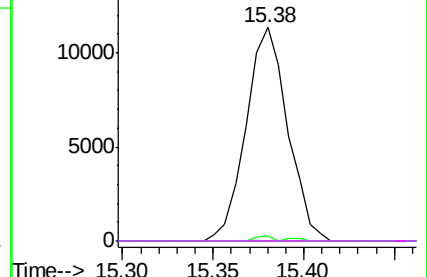
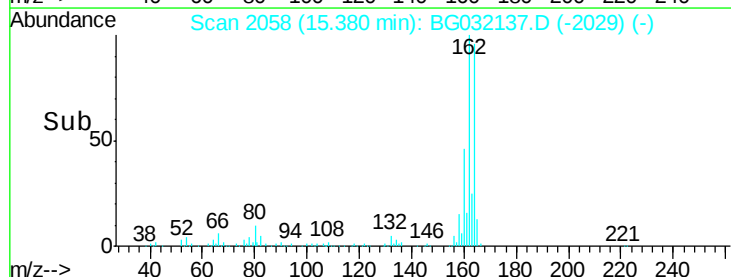


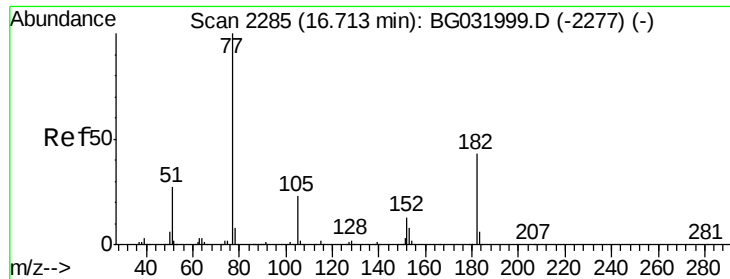
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 4.325 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BG032137.D

Acq: 18 Jan 2018 14:00

Instrument :

BNA_G

ClientSampleId :

CW-PH1

Tgt Ion: 77 Resp: 32332

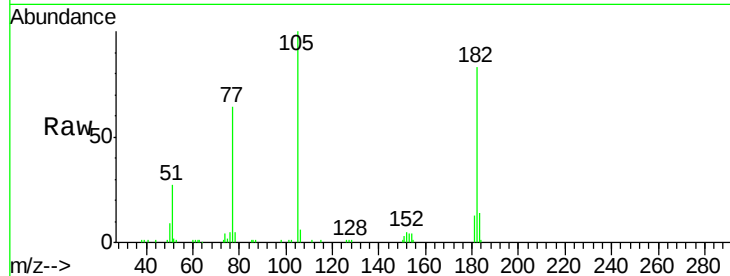
Ion Ratio Lower Upper

77 100

182 129.7 7.4 47.4#

105 155.7 0.3 40.3#

51 41.5 11.6 51.6

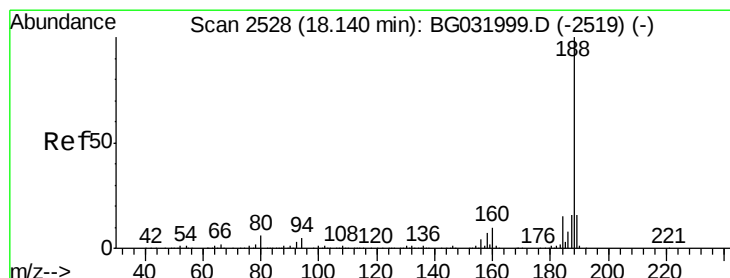
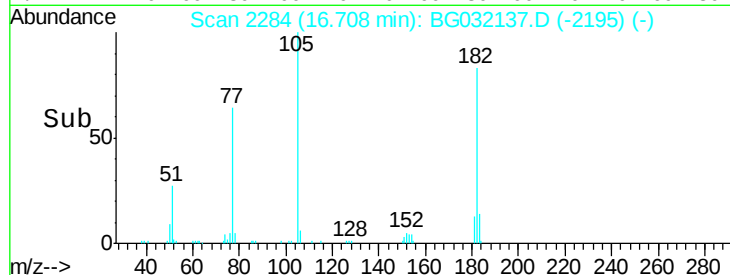
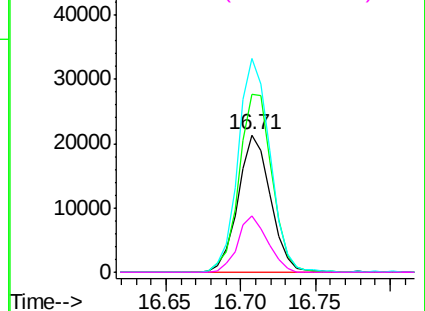


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.11 min Scan# 2523

Delta R.T. -0.03 min

Lab File: BG032137.D

Acq: 18 Jan 2018 14:00

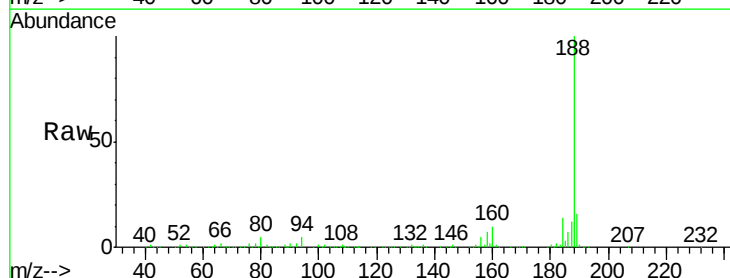
Tgt Ion: 188 Resp: 373743

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

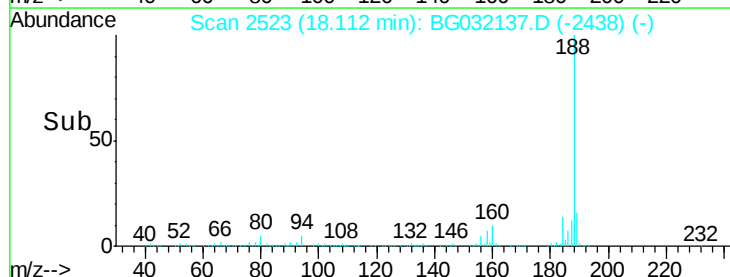
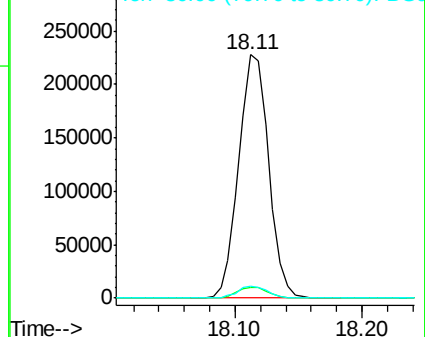
80 5.1 7.7 11.5#

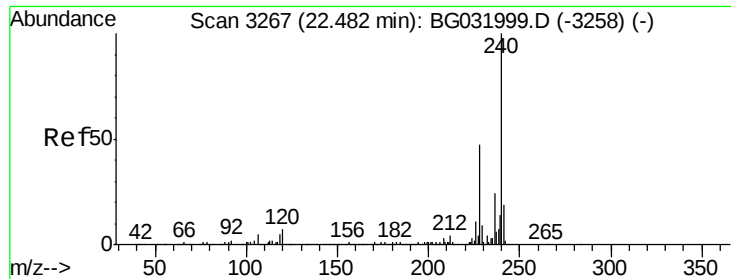


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3262

Delta R.T. -0.03 min

Lab File: BG032137.D

Acq: 18 Jan 2018 14:00

Instrument :

BNA_G

ClientSampleId :

CW-PH1

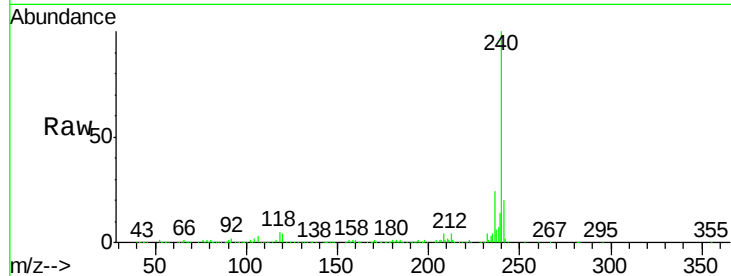
Tgt Ion:240 Resp: 469543

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

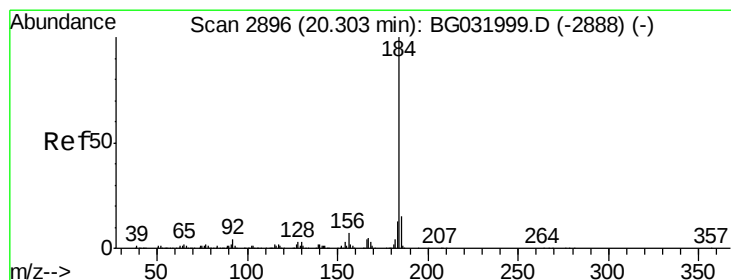
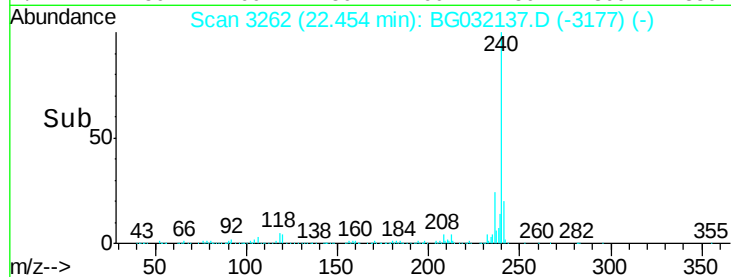
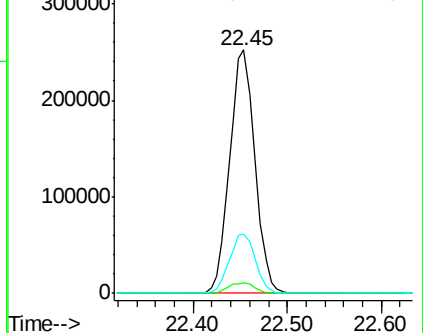
236 24.4 20.9 31.3



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



#76

Benzidine

Concen: 2.079 ng

RT: 20.65 min Scan# 2955

Delta R.T. 0.35 min

Lab File: BG032137.D

Acq: 18 Jan 2018 14:00

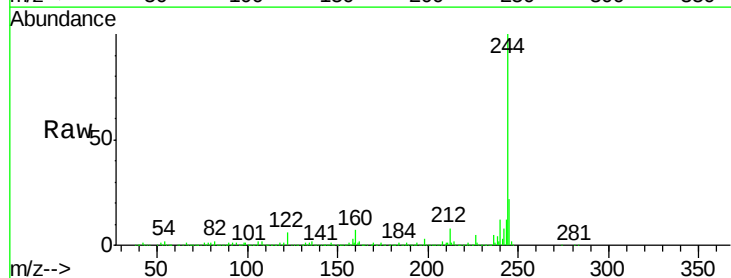
Tgt Ion:184 Resp: 24416

Ion Ratio Lower Upper

184 100

185 18.6 11.1 16.7#

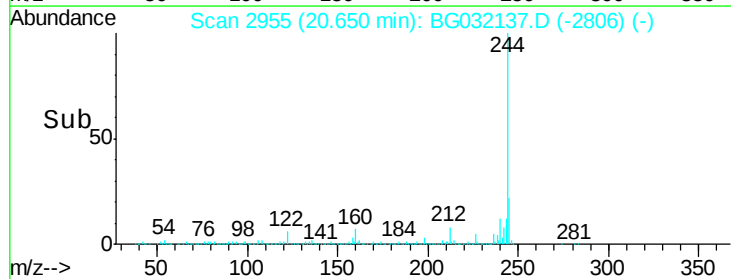
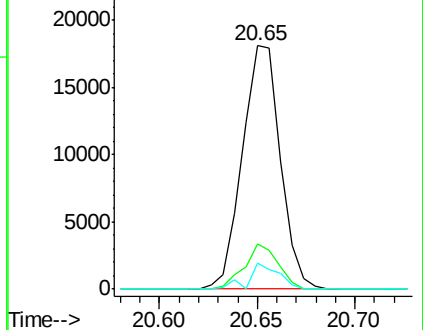
183 10.8 10.6 16.0

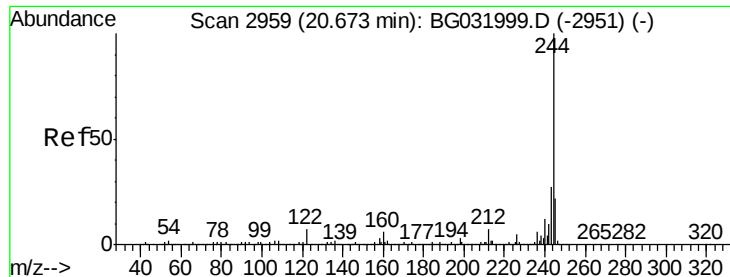


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 82.638 ng

RT: 20.66 min Scan# 2956

Delta R.T. -0.02 min

Lab File: BG032137.D

Acq: 18 Jan 2018 14:00

Instrument :

BNA_G

ClientSampleId :

CW-PH1

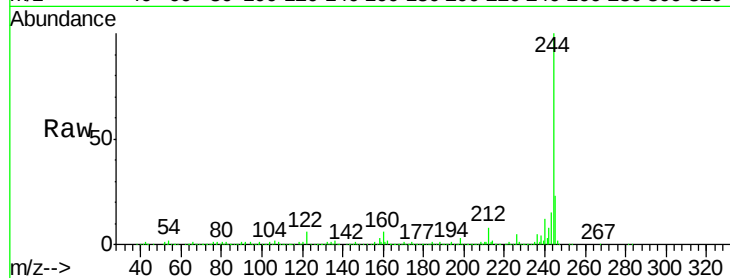
Tgt Ion:244 Resp: 1757314

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

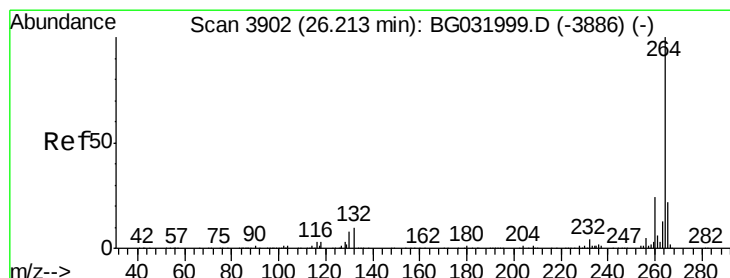
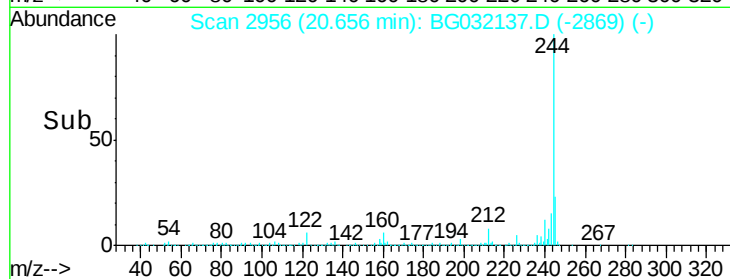
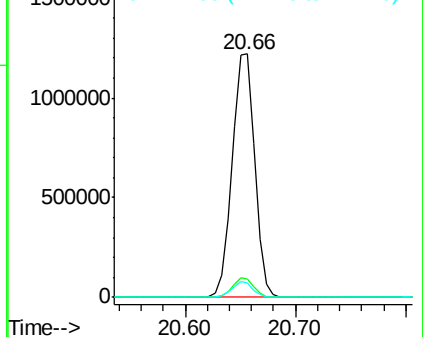
122 5.8 7.0 10.4#



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: 20.000 ng

RT: 26.16 min Scan# 3892

Delta R.T. -0.06 min

Lab File: BG032137.D

Acq: 18 Jan 2018 14:00

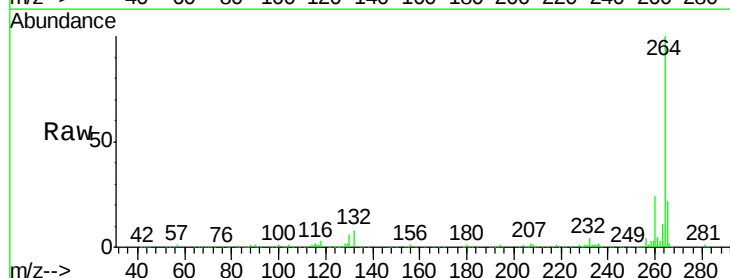
Tgt Ion:264 Resp: 504703

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.2 17.7 26.5



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

