

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032103.D
 Acq On : 17 Jan 2018 12:20
 Operator : SJ/JU
 Sample : J1122-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-10A

Quant Time: Jan 17 12:56:18 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

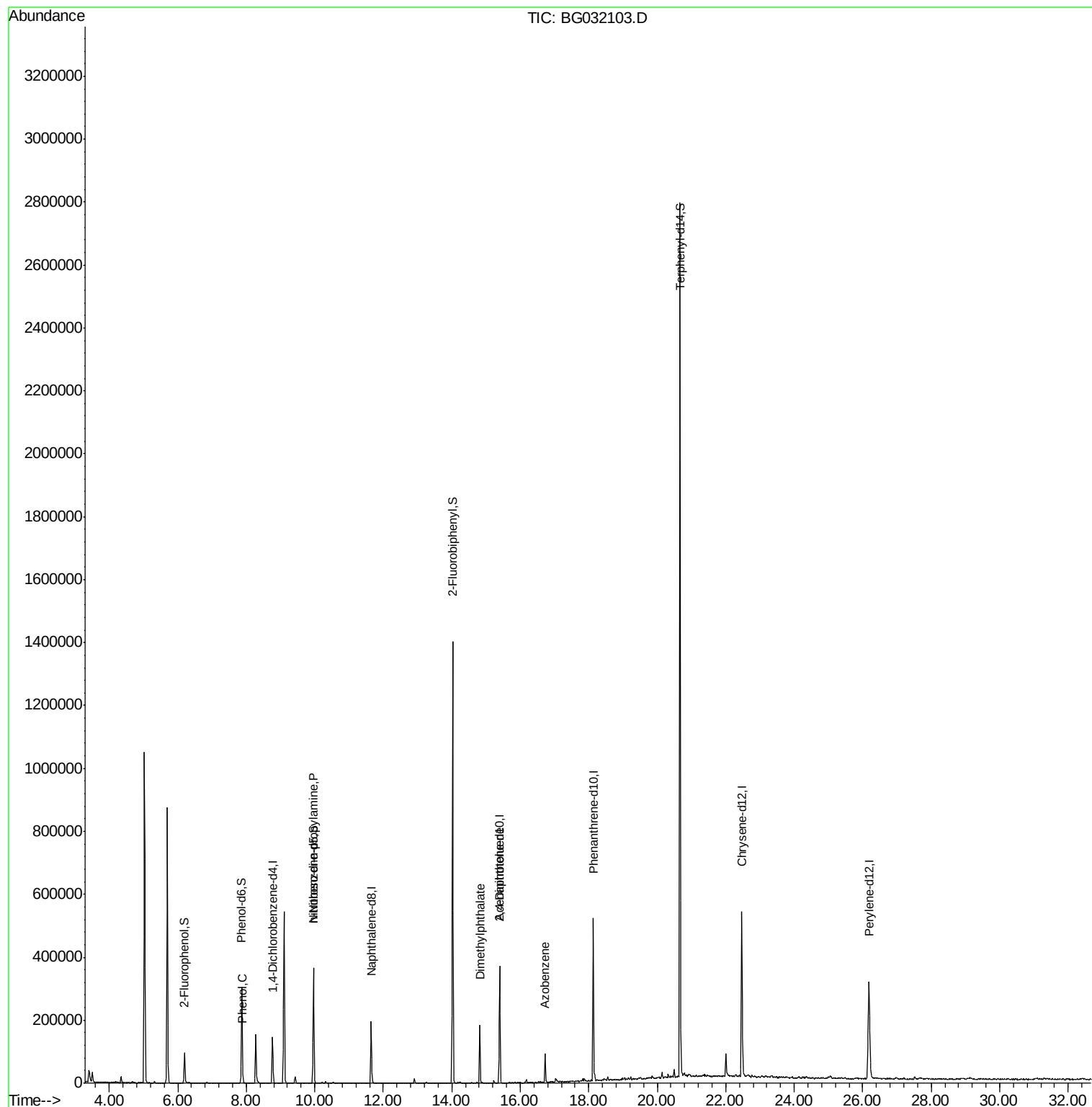
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	49538	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	198730	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	138408	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	345995	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	413424	20.00	ng	-0.02
86) Perylene-d12	26.18	264	433756	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	54611	20.16	ng	0.00
7) Phenol-d6	7.87	99	195647	57.35	ng	0.00
23) Nitrobenzene-d5	9.96	82	233517	79.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.88	330	134	0.06	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	839435	75.20	ng	0.00
78) Terphenyl-d14	20.66	244	1506710	80.47	ng	-0.01
Target Compounds						
10) Phenol	7.90	94	6776	2.016	ng	87
19) n-Nitroso-di-n-propylamine	9.96	70	31516	14.890	ng	# 70
49) Dimethylphthalate	14.82	163	139514	11.519	ng	98
56) 2,4-Dinitrotoluene	15.40	165	17321	5.118	ng	# 16
62) Azobenzene	16.73	77	23247	3.163	ng	# 1

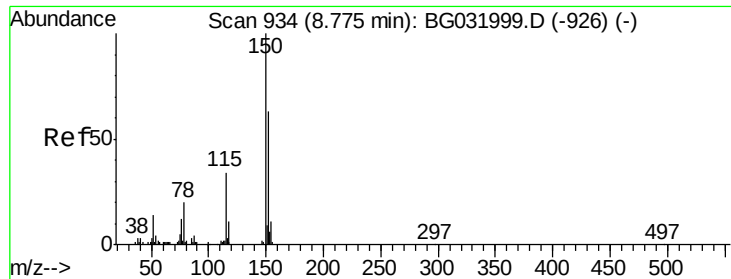
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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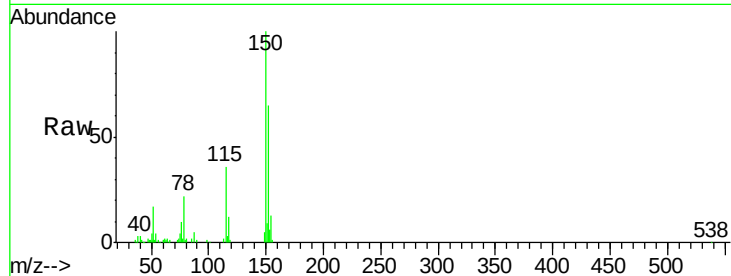


#1

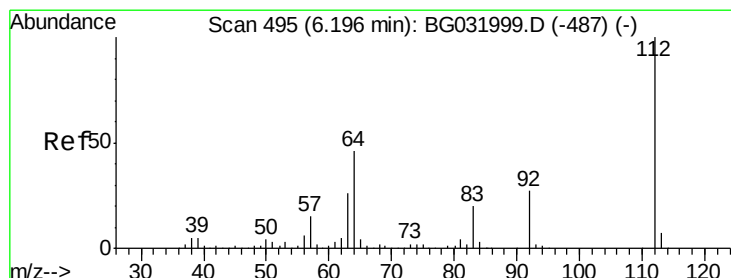
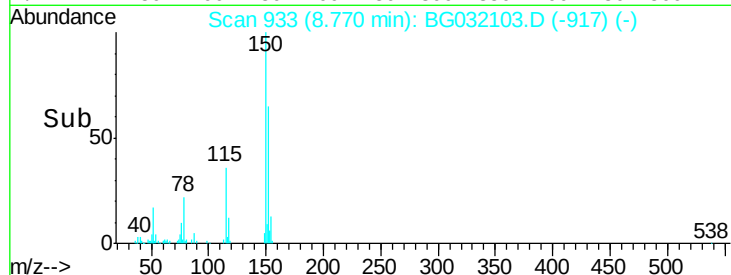
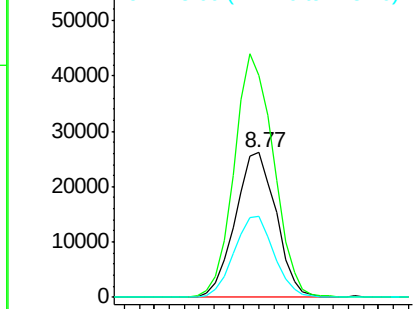
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG032103.D
Acq: 17 Jan 2018 12:20

Instrument :
BNA_G
ClientSampleId :
C-10A

Tgt Ion:152 Resp: 49538
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 55.9 53.0 79.4



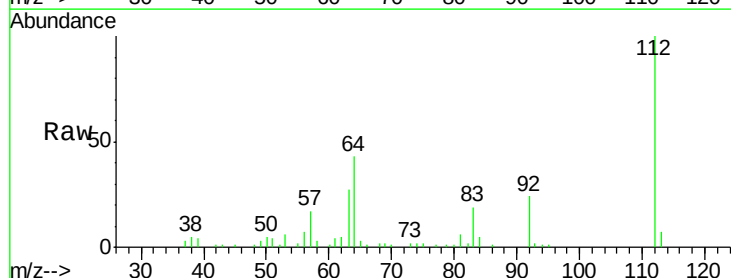
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



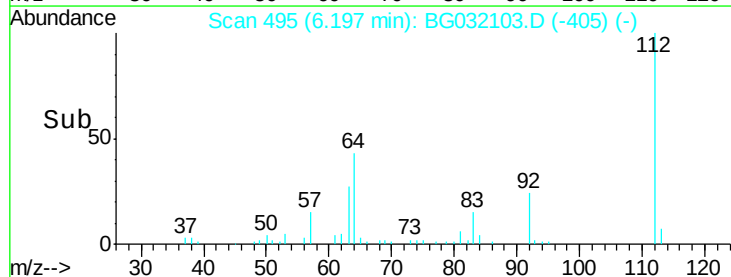
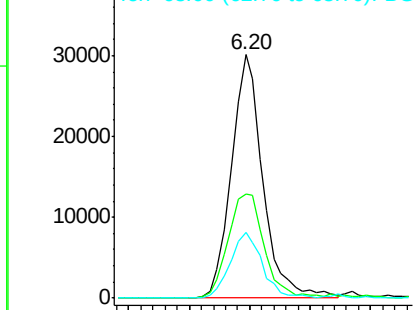
#5

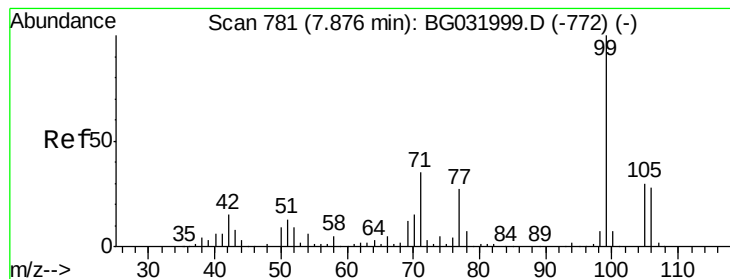
2-Fluorophenol
Concen: 20.162 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032103.D
Acq: 17 Jan 2018 12:20

Tgt Ion:112 Resp: 54611
Ion Ratio Lower Upper
112 100
64 42.8 56.3 84.5#
63 27.2 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: 57.353 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032103.D

Acq: 17 Jan 2018 12:20

Instrument :

BNA_G

ClientSampleId :

C-10A

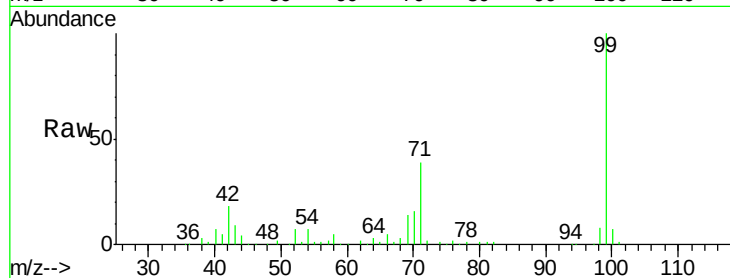
Tgt Ion: 99 Resp: 195647

Ion Ratio Lower Upper

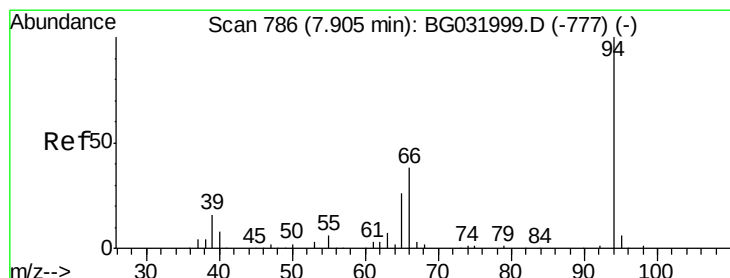
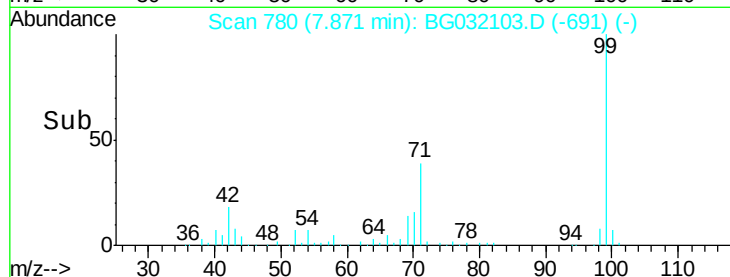
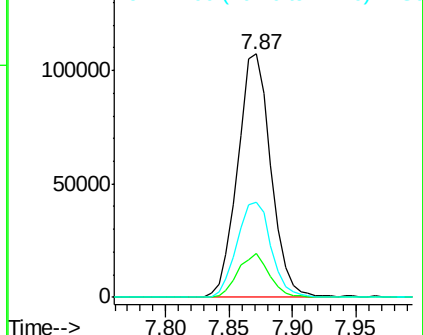
99 100

42 17.9 14.1 21.1

71 39.2 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: 2.016 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG032103.D

Acq: 17 Jan 2018 12:20

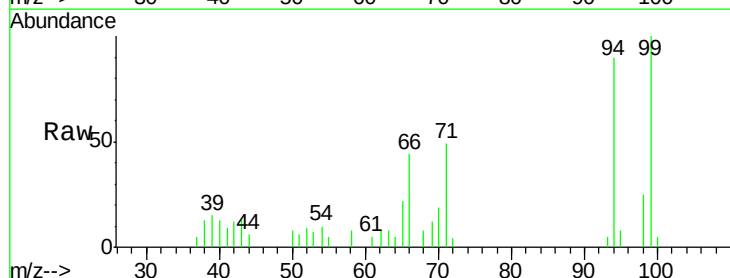
Tgt Ion: 94 Resp: 6776

Ion Ratio Lower Upper

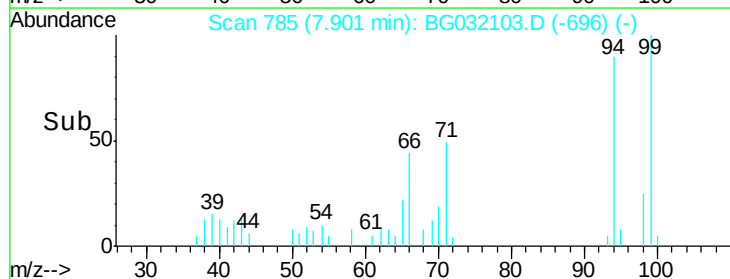
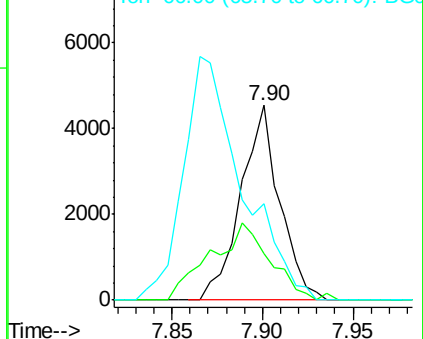
94 100

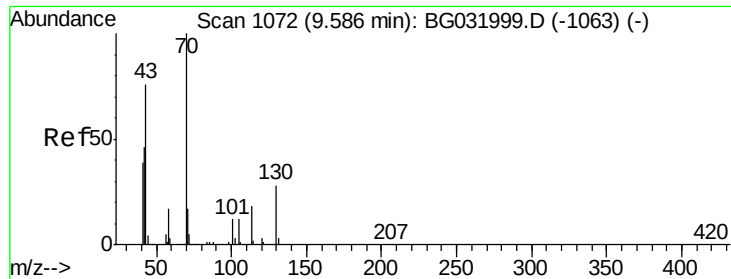
65 24.0 11.9 51.9

66 49.6 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

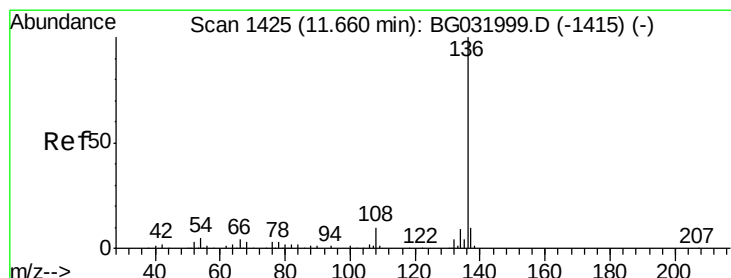
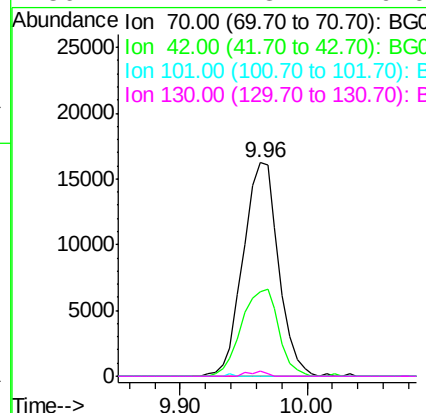
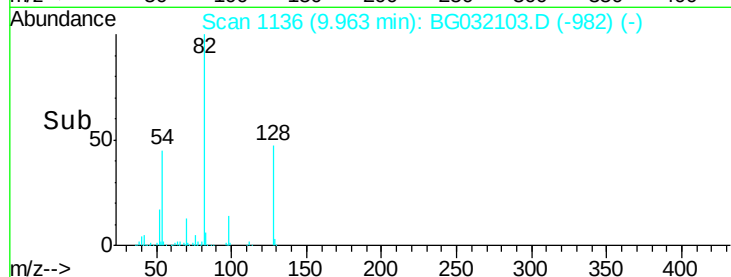
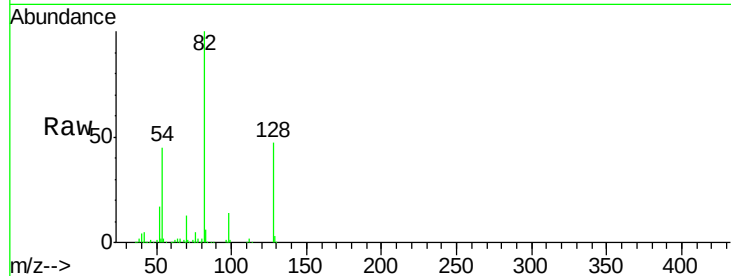




#19
n-Nitroso-di-n-propylamine
Concen: 14.890 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032103.D
Acq: 17 Jan 2018 12:20

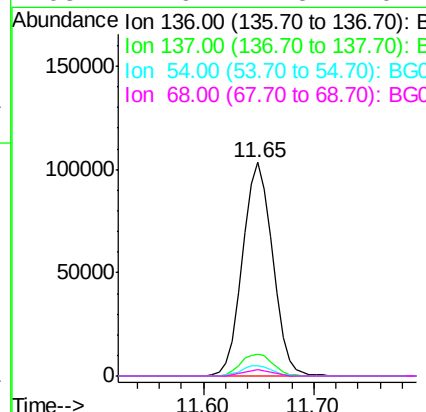
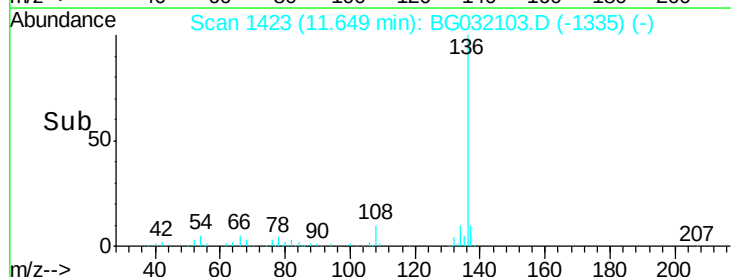
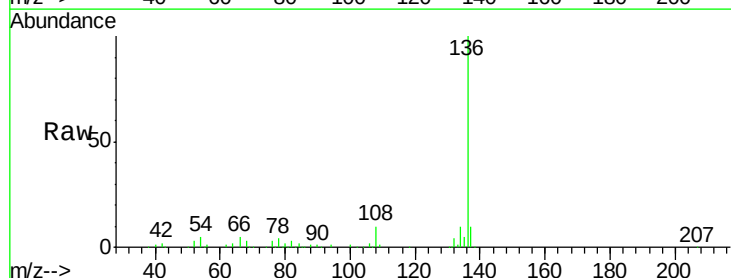
Instrument :
BNA_G
ClientSampled :
C-10A

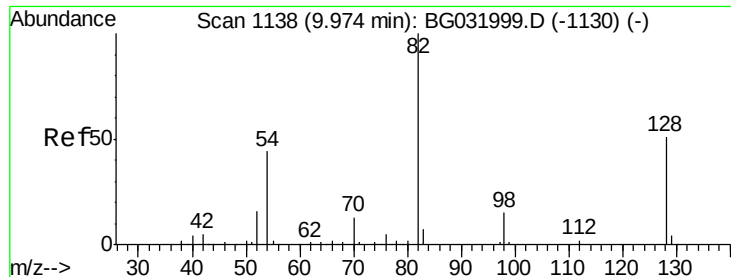
Tgt Ion:	70	Resp:	31516
Ion	Ratio	Lower	Upper
70	100		
42	39.4	49.1	73.7#
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032103.D
Acq: 17 Jan 2018 12:20

Tgt Ion:	136	Resp:	198730
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	5.1	10.3	15.5#
68	2.9	4.5	6.7#

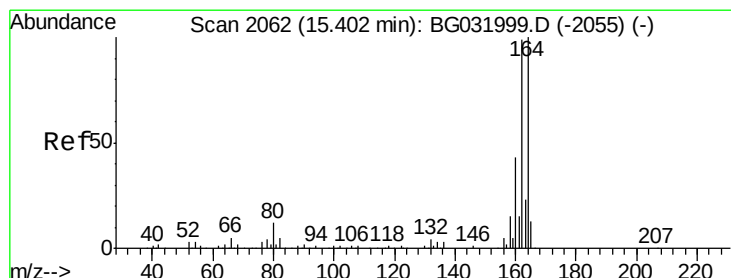
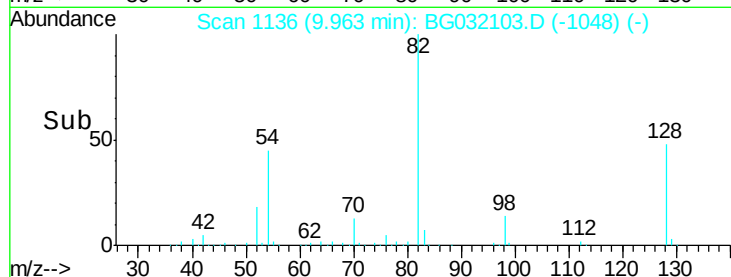
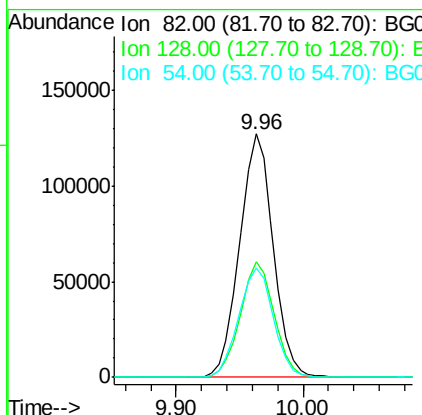
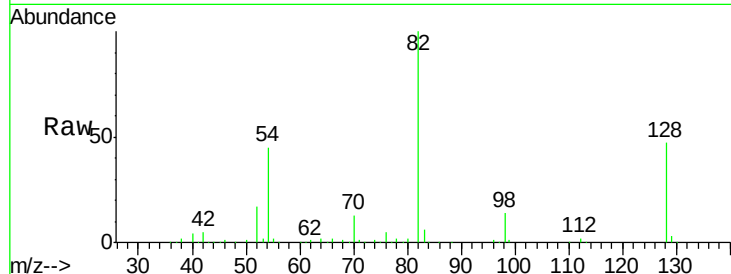




#23
 Nitrobenzene-d5
 Concen: 79.497 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032103.D
 Acq: 17 Jan 2018 12:20

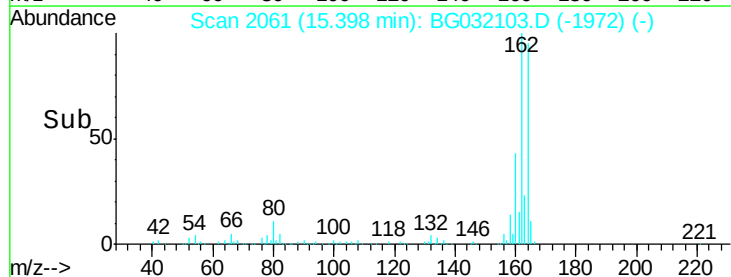
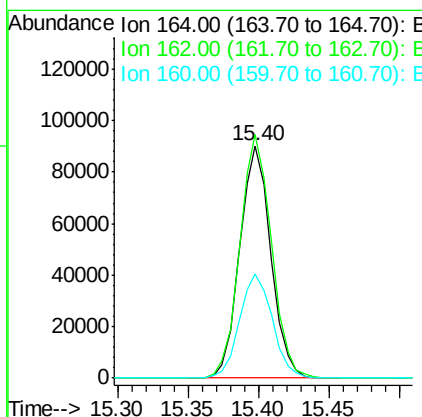
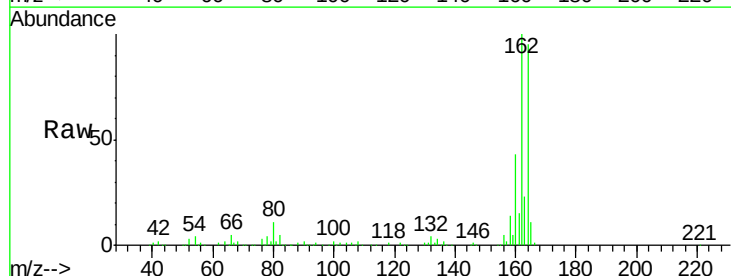
Instrument :
 BNA_G
 ClientSampleId :
 C-10A

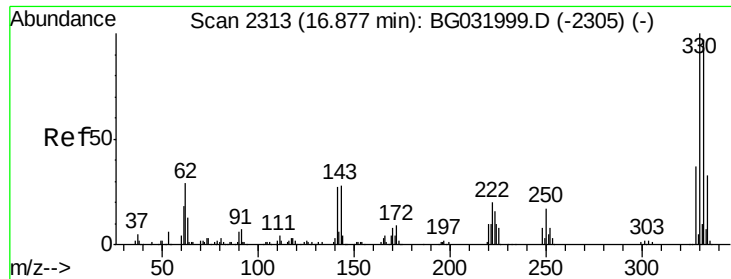
Tgt Ion: 82 Resp: 233517
 Ion Ratio Lower Upper
 82 100
 128 47.4 29.7 44.5#
 54 44.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BG032103.D
 Acq: 17 Jan 2018 12:20

Tgt Ion: 164 Resp: 138408
 Ion Ratio Lower Upper
 164 100
 162 104.7 78.8 118.2
 160 45.0 35.4 53.0

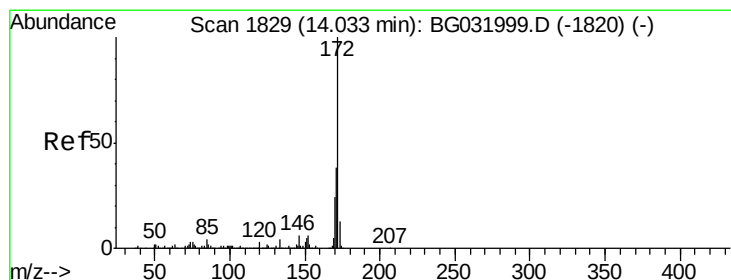
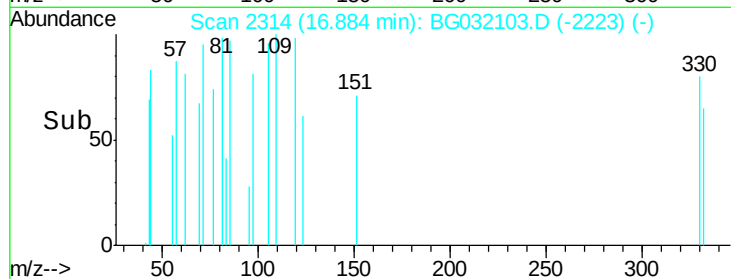
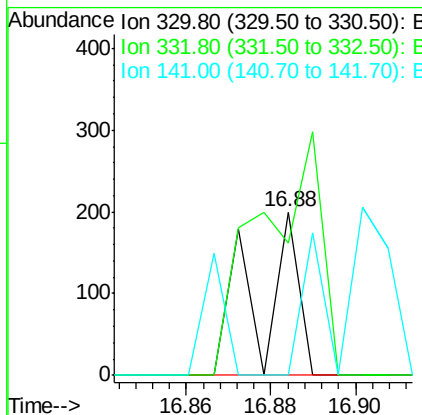
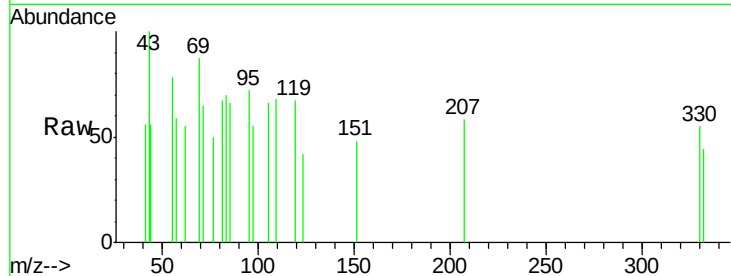




#41
 2,4,6-Tribromophenol
 Concen: 0.059 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. 0.01 min
 Lab File: BG032103.D
 Acq: 17 Jan 2018 12:20

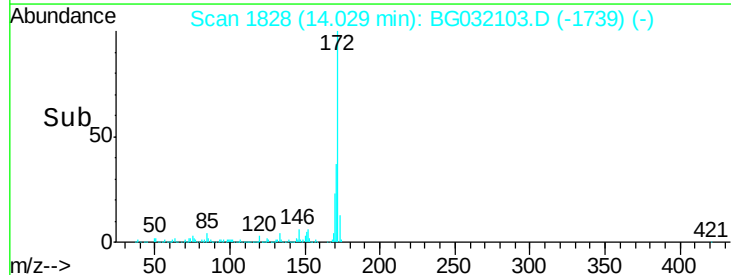
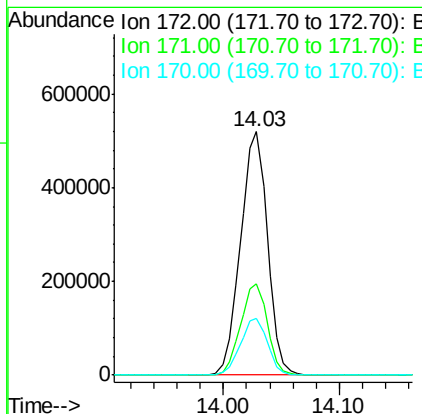
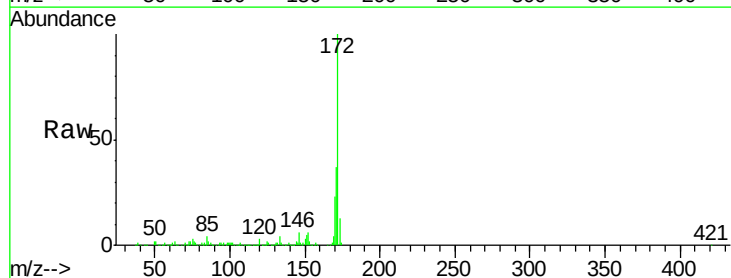
Instrument :
 BNA_G
 ClientSampleId :
 C-10A

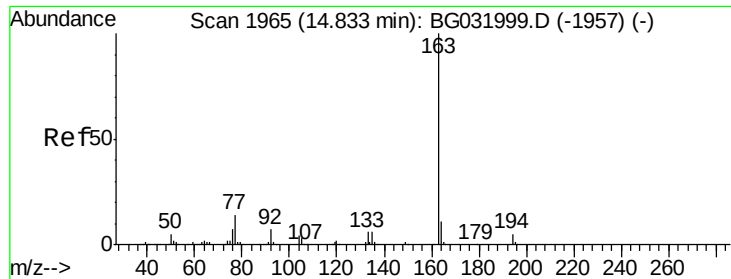
Tgt Ion:330 Resp: 134
 Ion Ratio Lower Upper
 330 100
 332 220.9 77.0 115.6#
 141 141.0 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 75.202 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032103.D
 Acq: 17 Jan 2018 12:20

Tgt Ion:172 Resp: 839435
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.2 19.5 29.3





#49

Dimethylphthalate

Concen: 11.519 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG032103.D

Acq: 17 Jan 2018 12:20

Instrument :

BNA_G

ClientSampleId :

C-10A

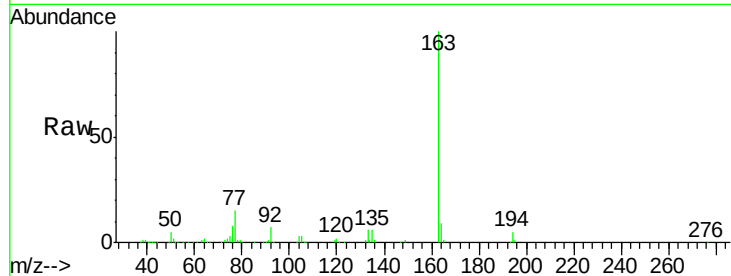
Tgt Ion:163 Resp: 139514

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

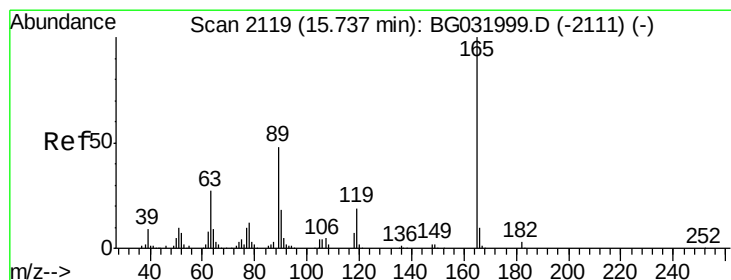
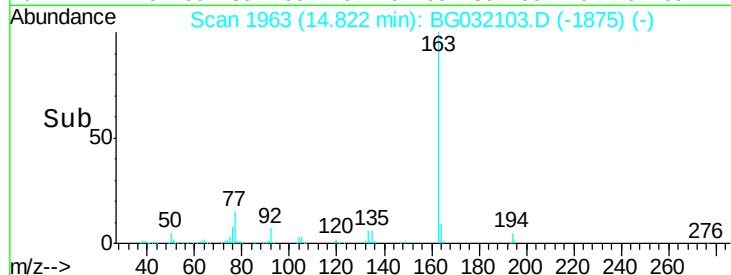
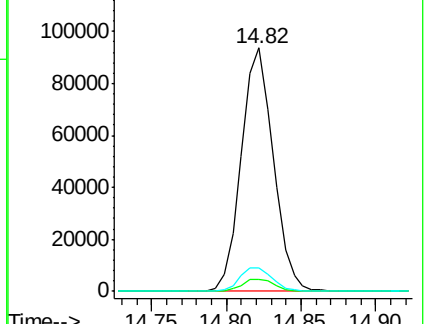
164 9.4 8.2 12.4



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: 5.118 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.34 min

Lab File: BG032103.D

Acq: 17 Jan 2018 12:20

Tgt Ion:165 Resp: 17321

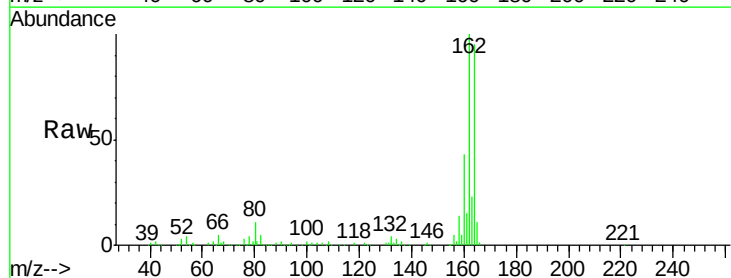
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

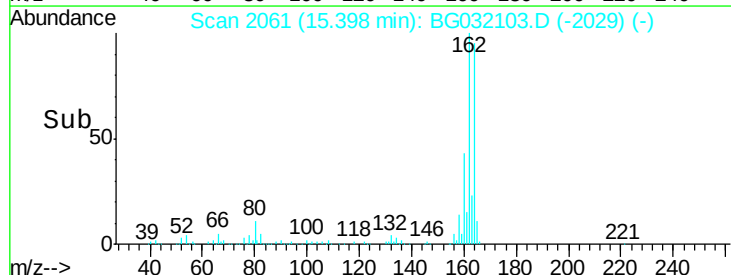
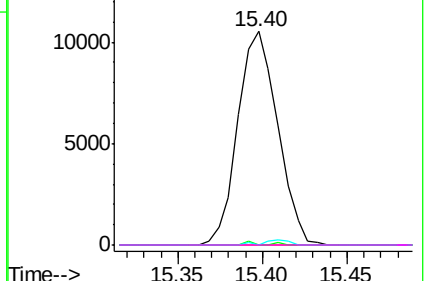


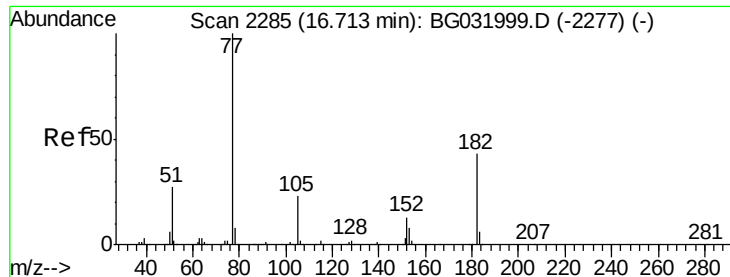
Abundance Ion 165.00 (164.70 to 165.70): E

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: 3.163 ng

RT: 16.73 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BG032103.D

Acq: 17 Jan 2018 12:20

Instrument :

BNA_G

ClientSampleId :

C-10A

Tgt Ion: 77 Resp: 23247

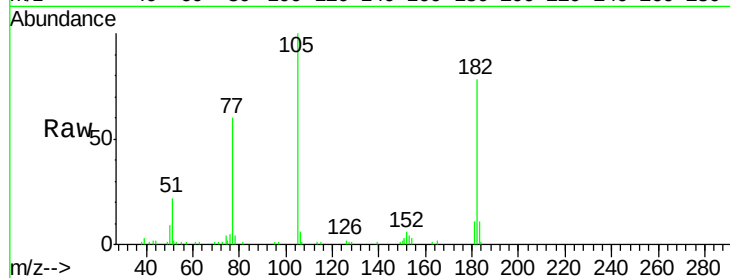
Ion Ratio Lower Upper

77 100

182 130.7 7.4 47.4#

105 167.6 0.3 40.3#

51 36.9 11.6 51.6

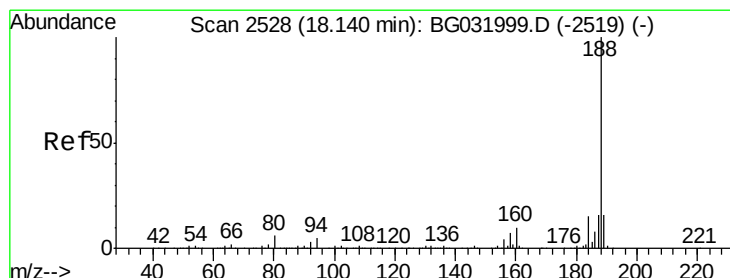
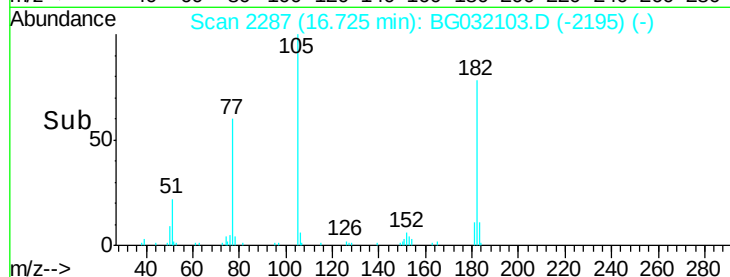
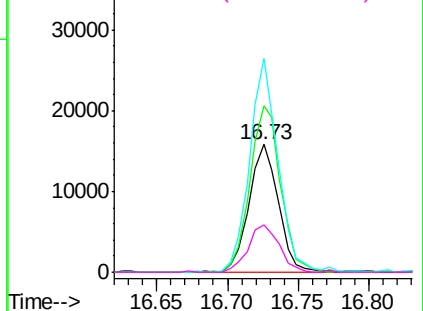


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 18.13 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG032103.D

Acq: 17 Jan 2018 12:20

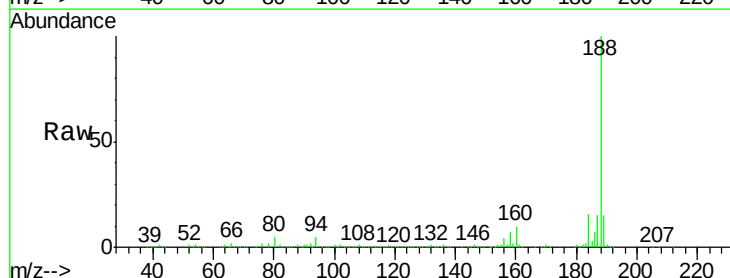
Tgt Ion: 188 Resp: 345995

Ion Ratio Lower Upper

188 100

94 4.7 6.9 10.3#

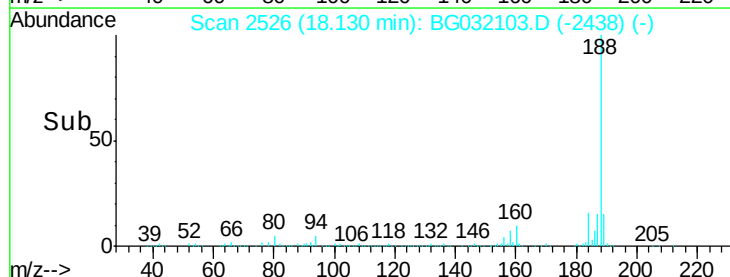
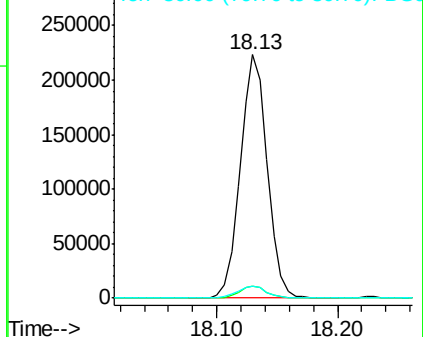
80 4.7 7.7 11.5#

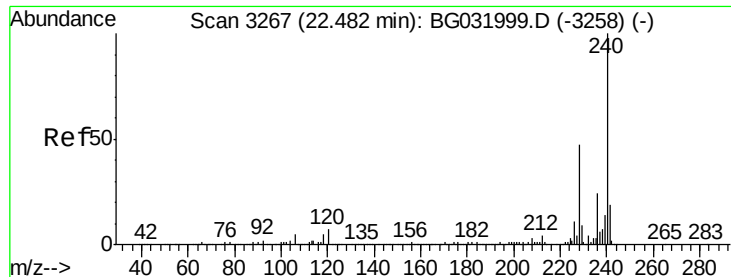


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 22.47 min Scan# 3264

Delta R.T. -0.02 min

Lab File: BG032103.D

Acq: 17 Jan 2018 12:20

Instrument :

BNA_G

ClientSampleId :

C-10A

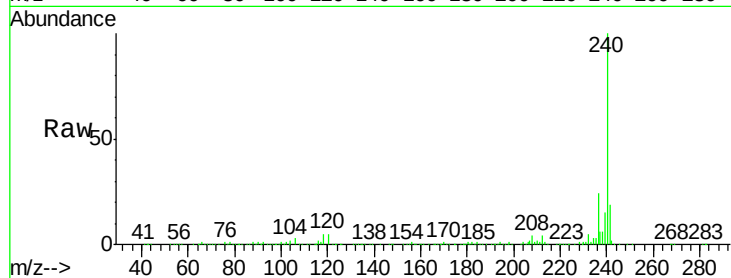
Tgt Ion:240 Resp: 413424

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

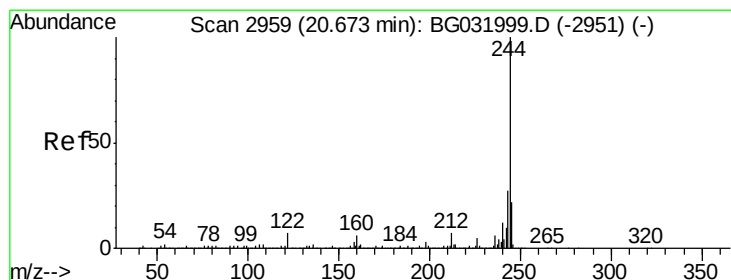
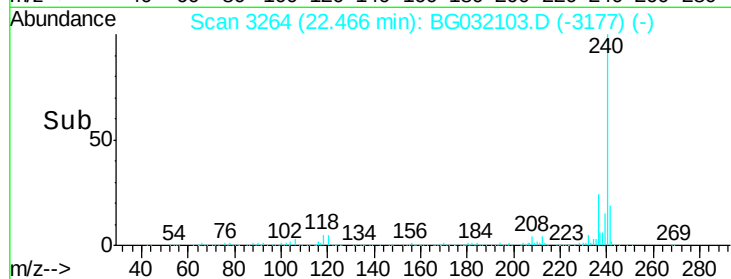
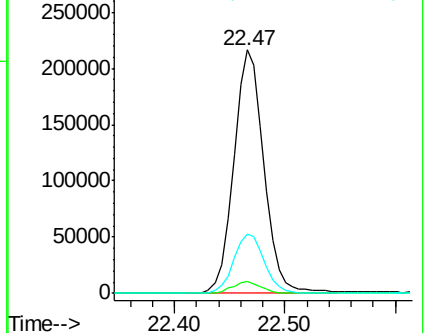
236 24.4 20.9 31.3



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



#78

Terphenyl-d14

Concen: 80.471 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032103.D

Acq: 17 Jan 2018 12:20

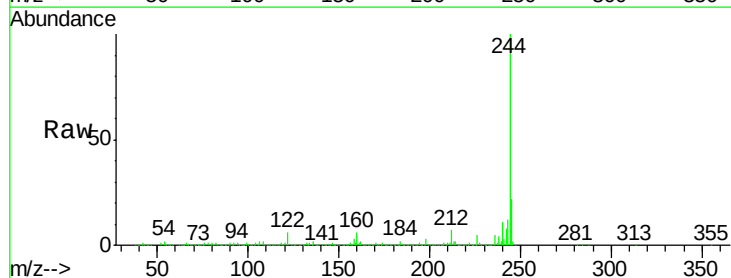
Tgt Ion:244 Resp: 1506710

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

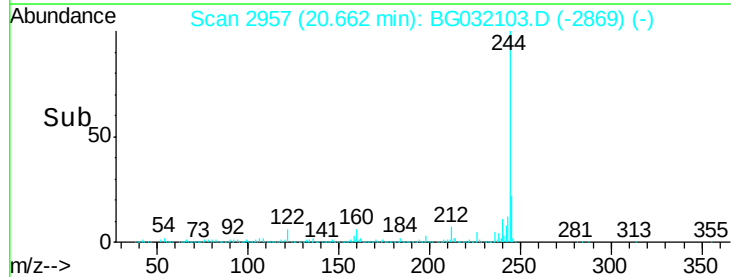
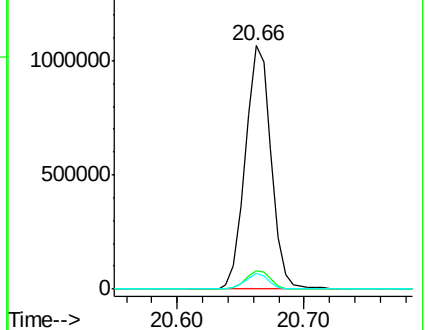
122 6.3 7.0 10.4#

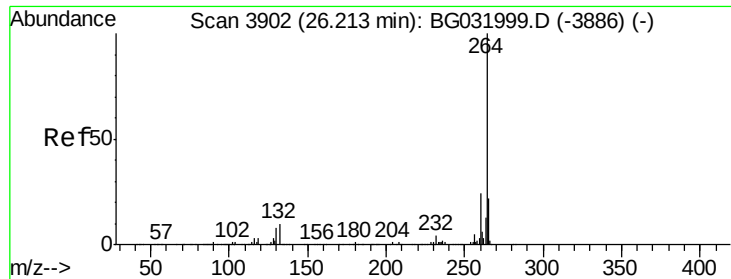


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

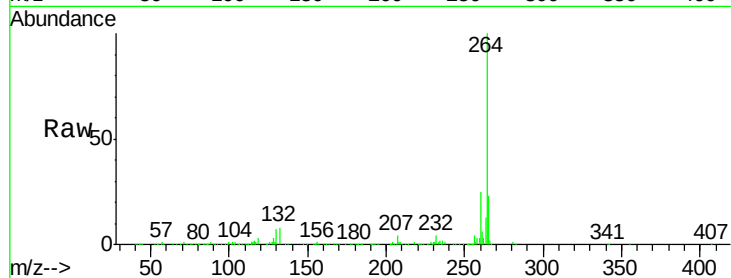




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.18 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032103.D
Acq: 17 Jan 2018 12:20

Instrument :
BNA_G
ClientSampleId :
C-10A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.8	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

