

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033643.D
 Acq On : 7 Apr 2018 00:28
 Operator : SJ/JU
 Sample : PB108056BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 01:35:48 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35350	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	167869	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	131838	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	340174	20.00	ng	0.00
75) Chrysene-d12	22.55	240	336566	20.00	ng	0.00
86) Perylene-d12	26.32	264	314900	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.28	112	334993	177.70	ng	0.00
7) Phenol-d6	7.97	99	520095	160.56	ng	0.00
23) Nitrobenzene-d5	10.06	82	332794	91.08	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	217740	110.43	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	843542	92.37	ng	0.00
78) Terphenyl-d14	20.73	244	1475436	93.75	ng	0.00

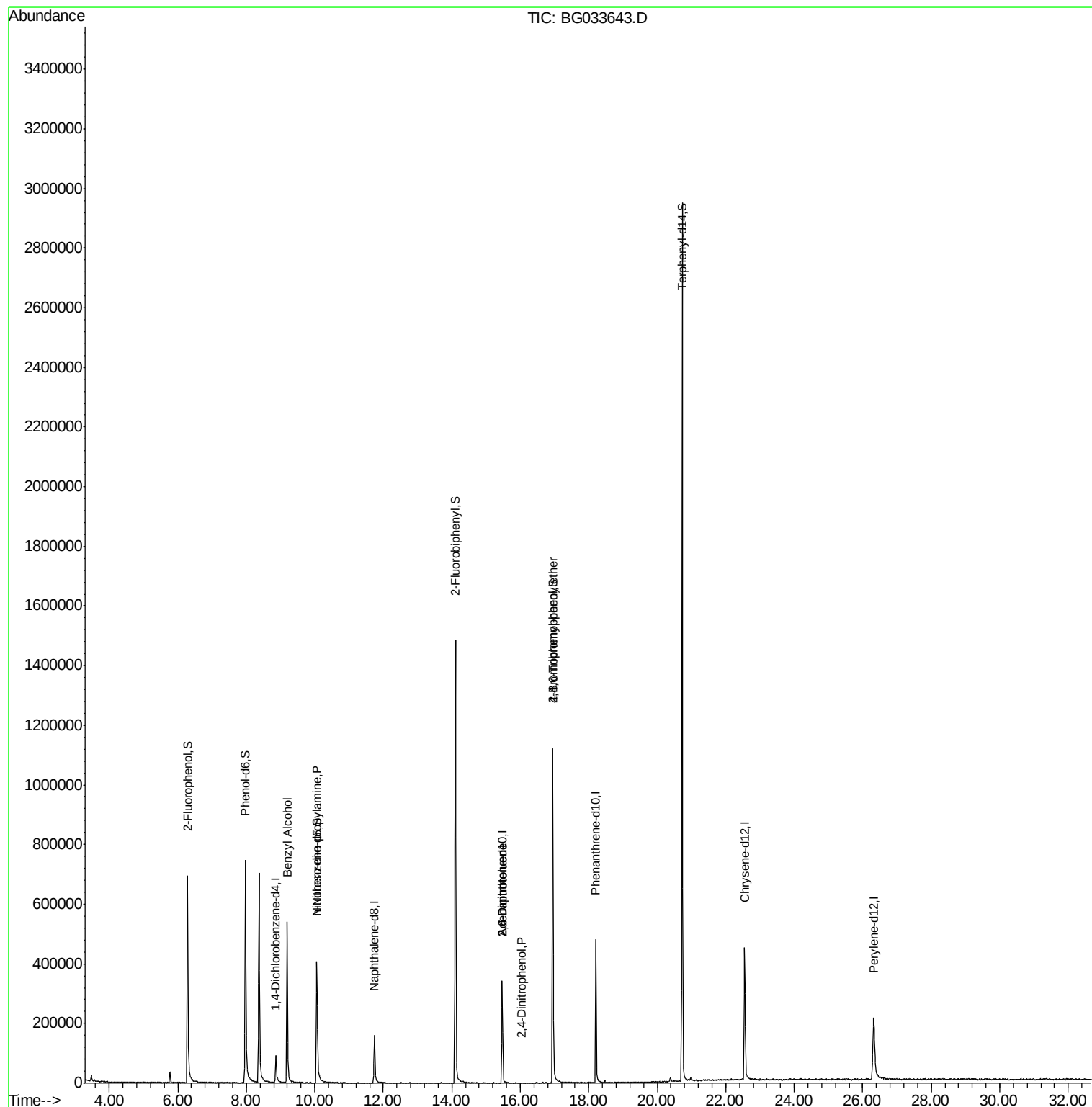
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.19	79	5974	2.342	ng	# 44
19) n-Nitroso-di-n-propylamine	10.06	70	47093	19.841	ng	# 78
50) 2,6-Dinitrotoluene	15.47	165	17563	7.486	ng	# 21
53) 2,4-Dinitrophenol	16.04	184	72	7.697	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	17564	5.085	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	16437	4.114	ng	# 1

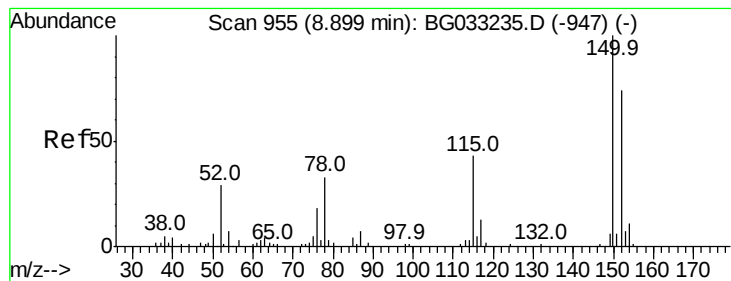
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG033643.D

Acq: 7 Apr 2018 00:28

Instrument :

BNA_G

ClientSampleId :

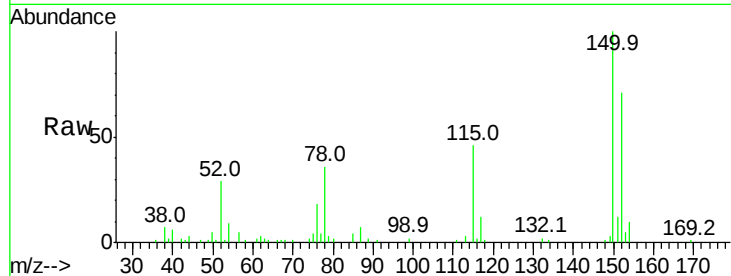
Tot Ion:152 Resp: 35350

Ion Ratio Lower Upper

152 100

150 139.9 126.6 189.8

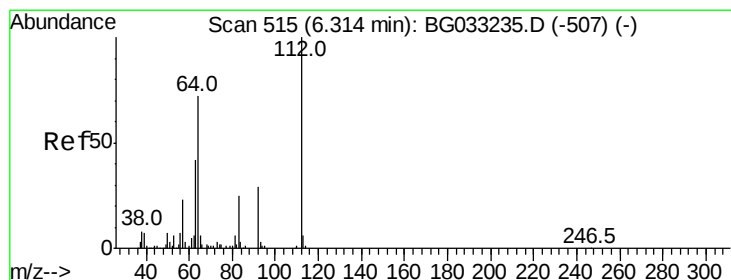
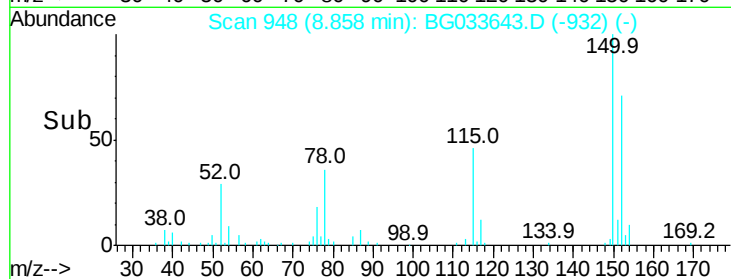
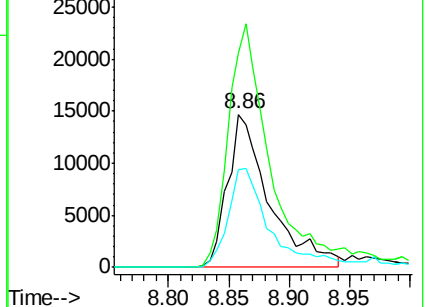
115 64.2 53.0 79.4



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: 177.695 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033643.D

Acq: 7 Apr 2018 00:28

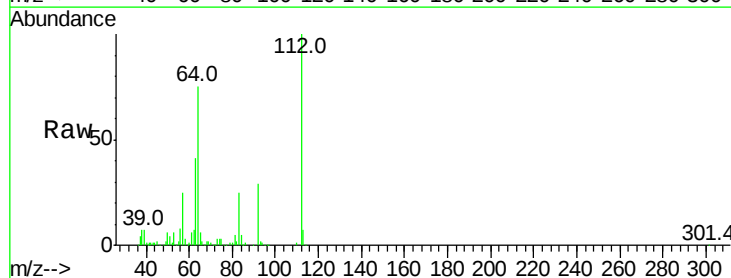
Tgt Ion:112 Resp: 334993

Ion Ratio Lower Upper

112 100

64 74.8 56.3 84.5

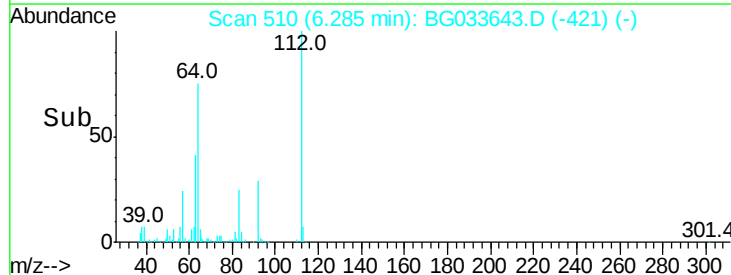
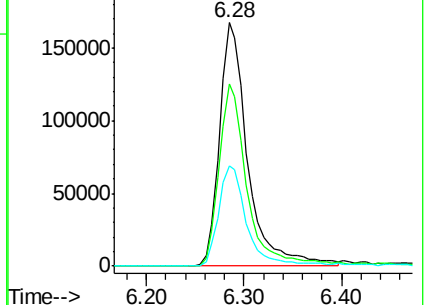
63 41.3 30.1 45.1

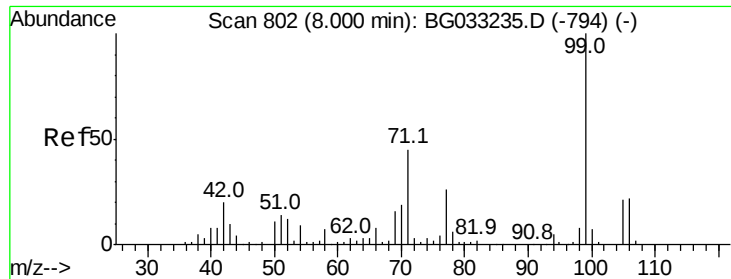


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 160.564 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033643.D

Acq: 7 Apr 2018 00:28

Instrument :

BNA_G

ClientSampleId :

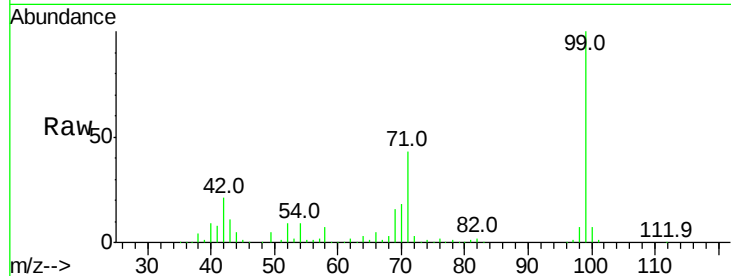
Tot Ion: 99 Resp: 520095

Ion Ratio Lower Upper

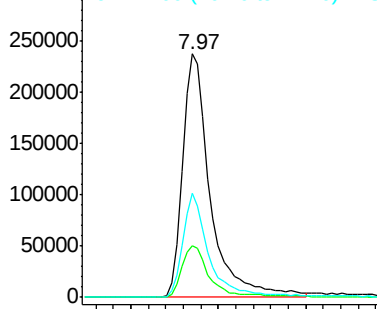
99 100

42 21.3 14.1 21.1#

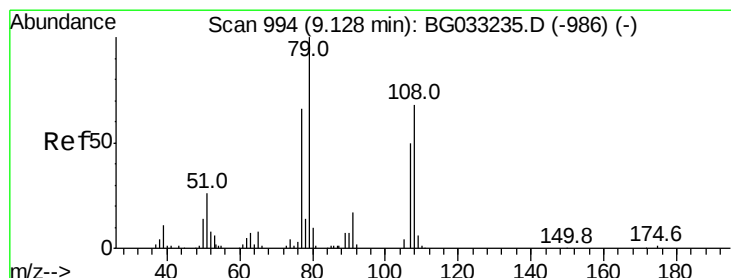
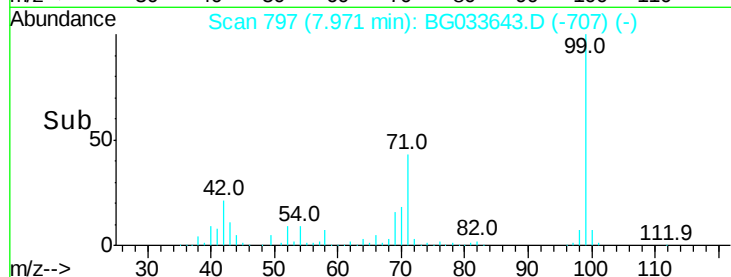
71 42.5 26.1 39.1#



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



Time-->



#15

Benzyl Alcohol

Concen: 2.342 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033643.D

Acq: 7 Apr 2018 00:28

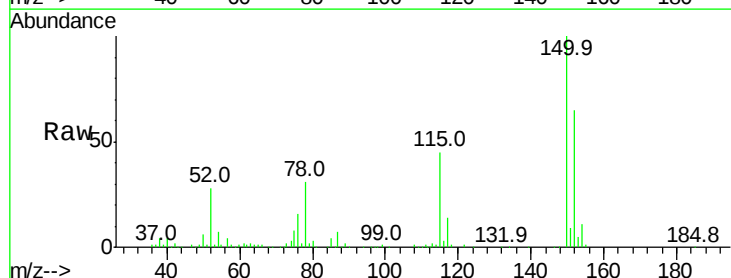
Tgt Ion: 79 Resp: 5974

Ion Ratio Lower Upper

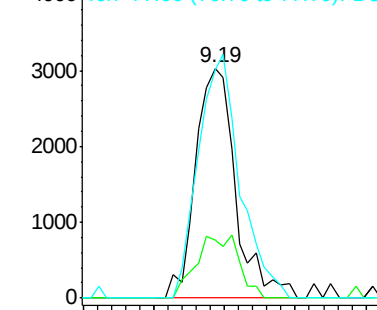
79 100

108 25.1 57.2 85.8#

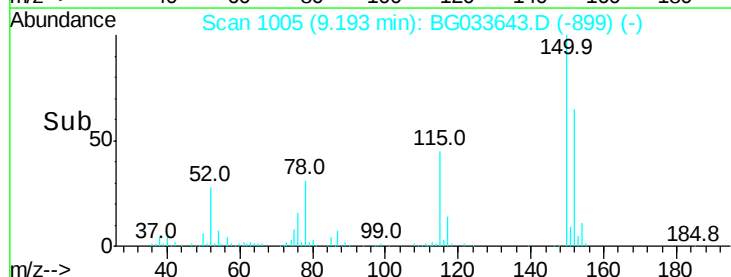
77 99.6 46.1 69.1#

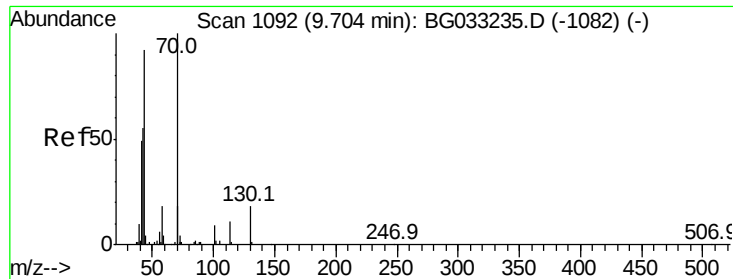


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



Time-->

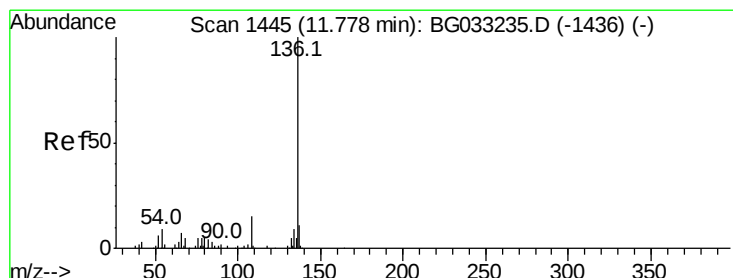
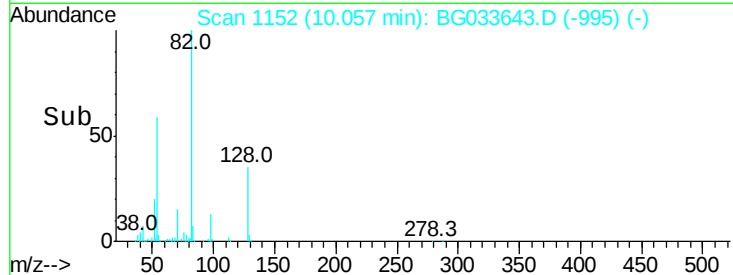
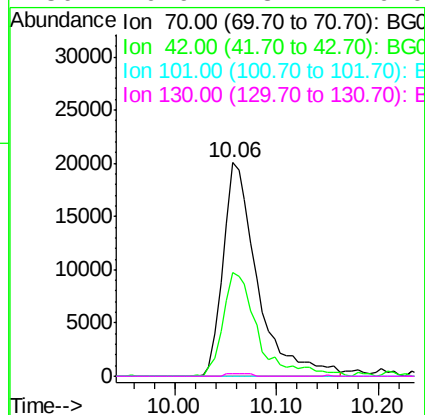
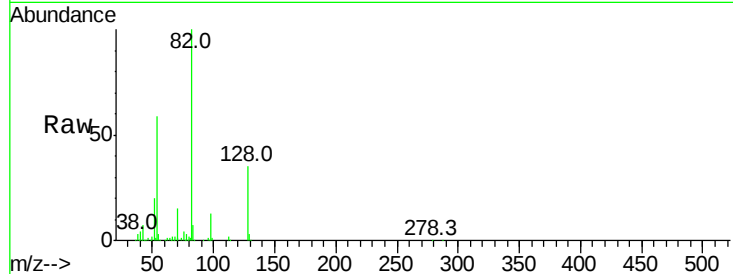




#19
n-Nitroso-di-n-propylamine
Concen: 19.841 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033643.D
Acq: 7 Apr 2018 00:28

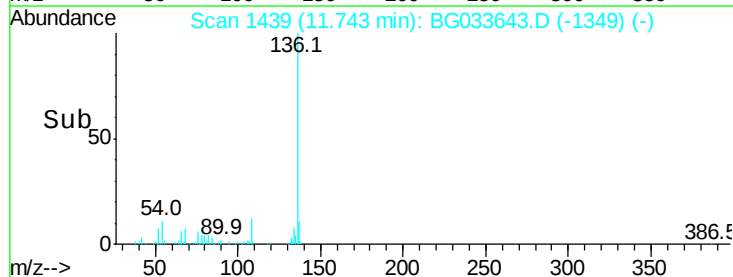
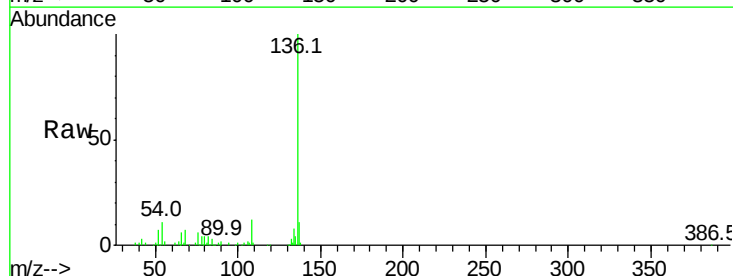
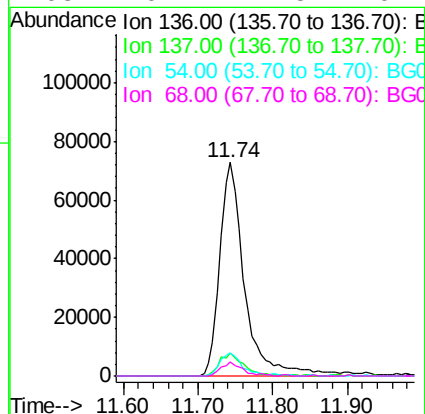
Instrument :
BNA_G
ClientSampleId :

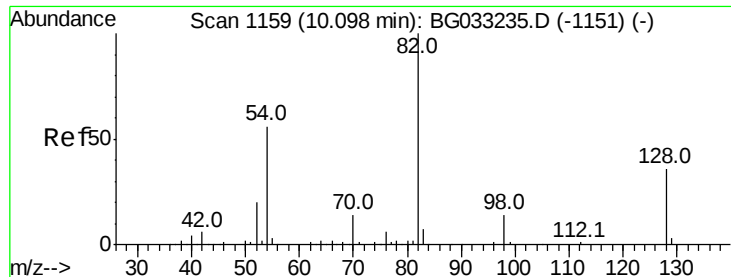
Tot Ion: 70 Resp: 47093
Ion Ratio Lower Upper
70 100
42 48.6 49.1 73.7#
101 0.0 8.5 12.7#
130 0.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033643.D
Acq: 7 Apr 2018 00:28

Tgt Ion: 136 Resp: 167869
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 10.6 10.3 15.5
68 6.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 91.082 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033643.D

Acq: 7 Apr 2018 00:28

Instrument :

BNA_G

ClientSampled :

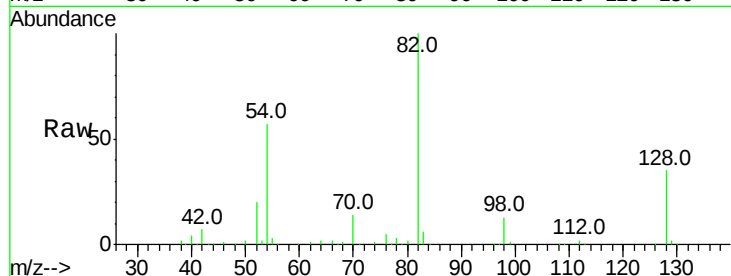
Tot Ion: 82 Resp: 332794

Ion Ratio Lower Upper

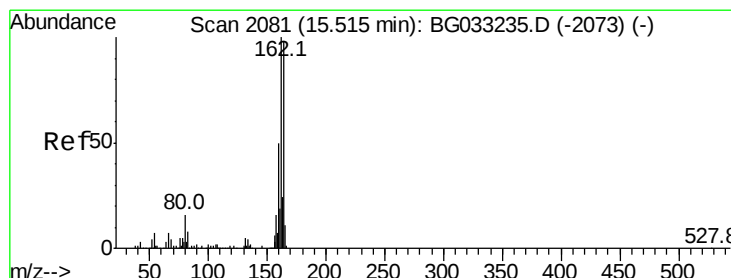
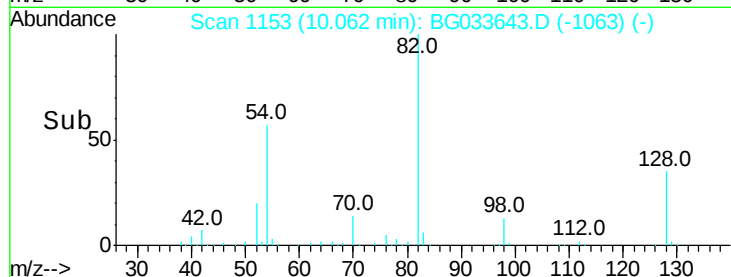
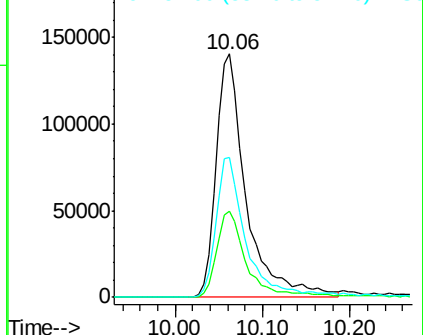
82 100

128 35.3 29.7 44.5

54 57.3 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: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033643.D

Acq: 7 Apr 2018 00:28

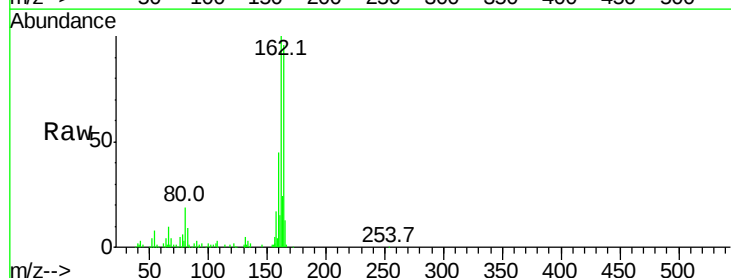
Tgt Ion:164 Resp: 131838

Ion Ratio Lower Upper

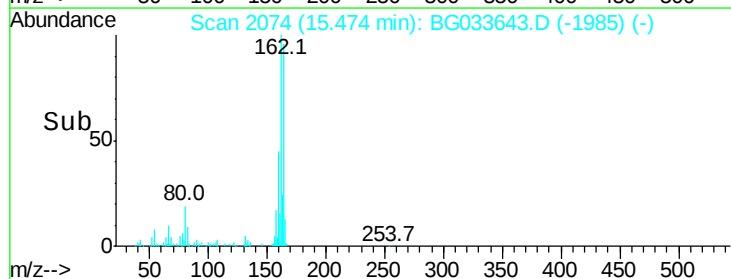
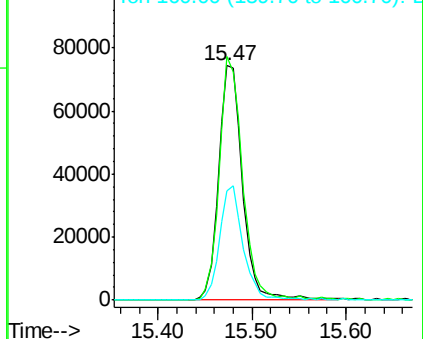
164 100

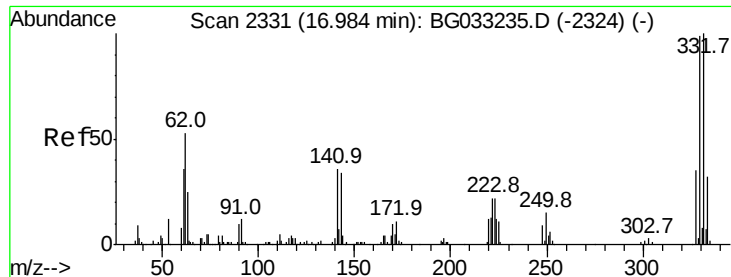
162 103.8 78.8 118.2

160 46.7 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

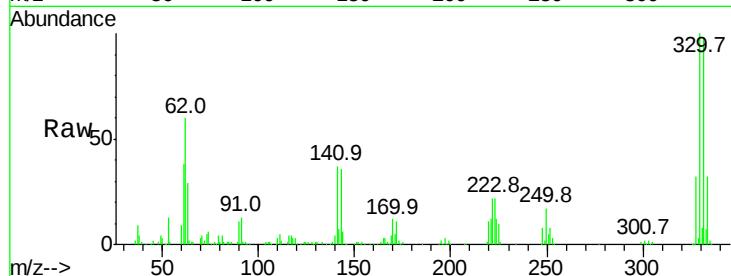




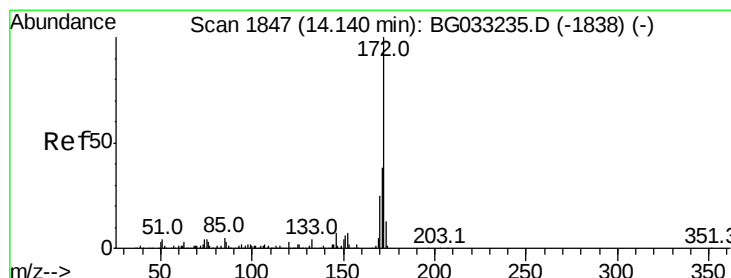
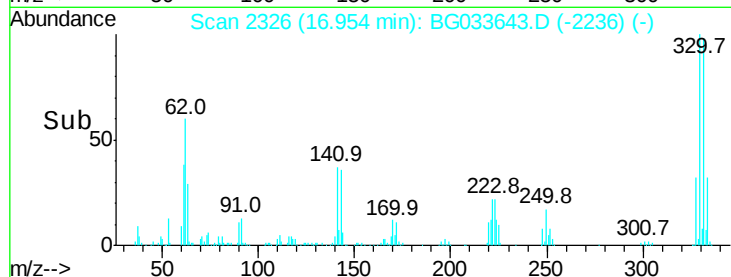
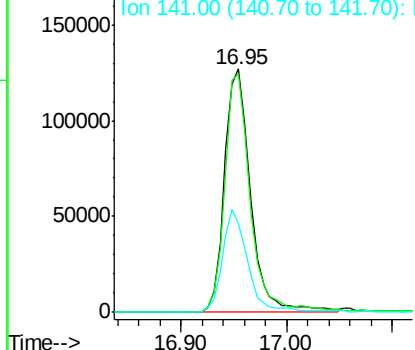
#41
 2,4,6-Tribromophenol
 Concen: 110.428 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033643.D
 Acq: 7 Apr 2018 00:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 217740
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 40.8 25.2 37.8#

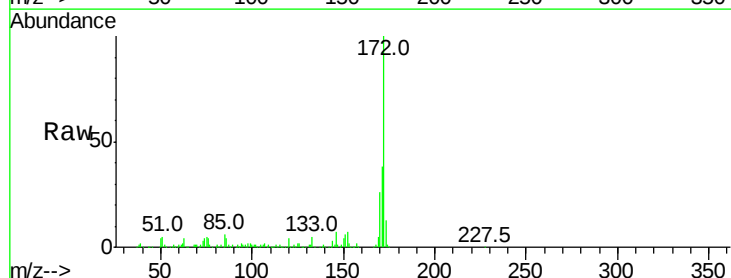


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

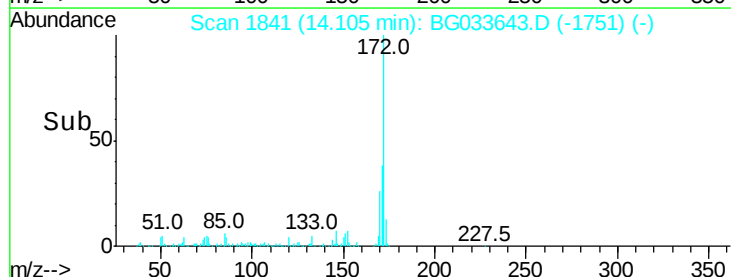
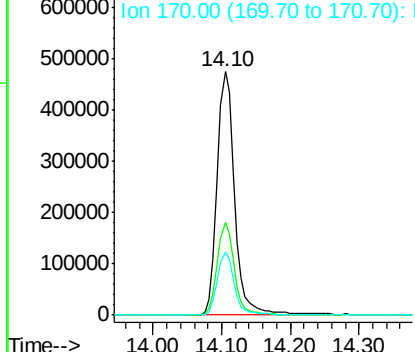


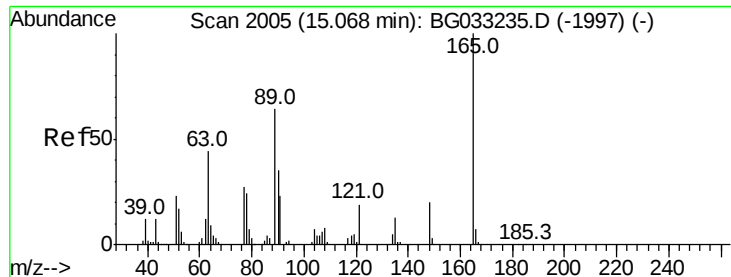
#44
 2-Fluorobiphenyl
 Concen: 92.368 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033643.D
 Acq: 7 Apr 2018 00:28

Tgt Ion:172 Resp: 843542
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 25.8 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





#50

2,6-Dinitrotoluene

Concen: 7.486 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033643.D

Acq: 7 Apr 2018 00:28

Instrument :

BNA_G

ClientSampleId :

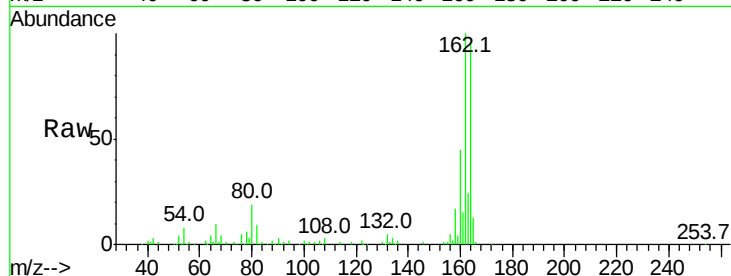
Tot Ion:165 Resp: 17563

Ion Ratio Lower Upper

165 100

63 1.8 52.7 79.1#

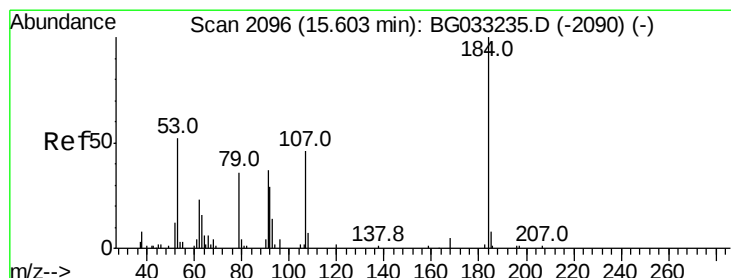
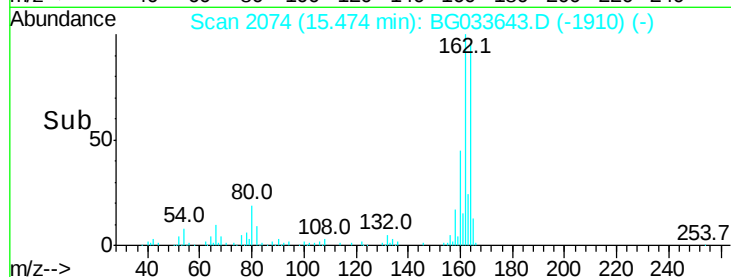
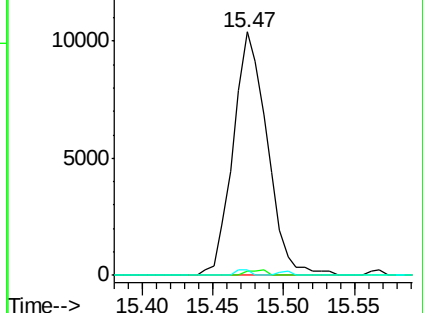
89 2.5 49.2 73.8#



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



#53

2,4-Dinitrophenol

Concen: 7.697 ng

RT: 16.04 min Scan# 2171

Delta R.T. 0.46 min

Lab File: BG033643.D

Acq: 7 Apr 2018 00:28

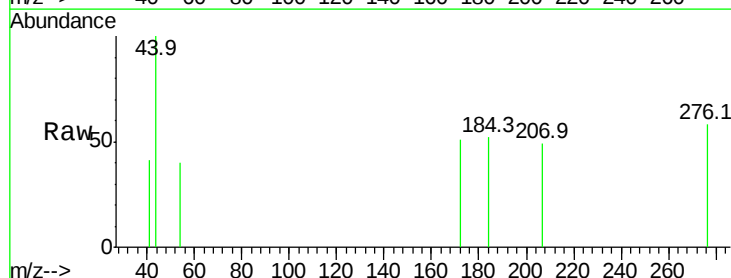
Tgt Ion:184 Resp: 72

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

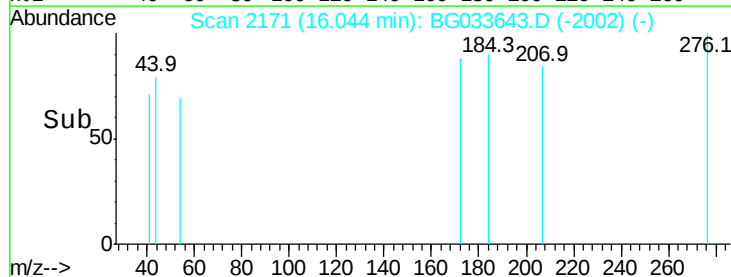
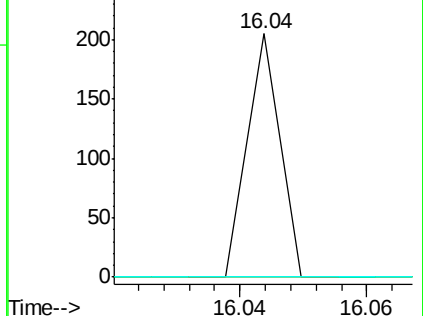
154 0.0 101.8 152.8#

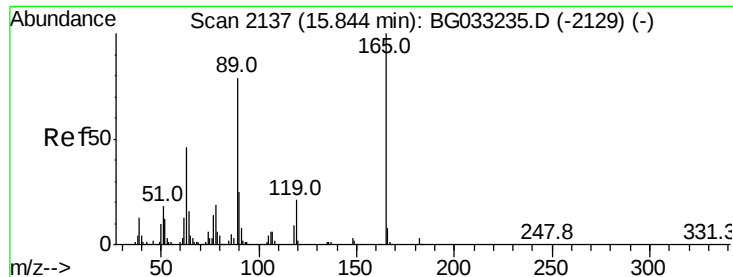


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

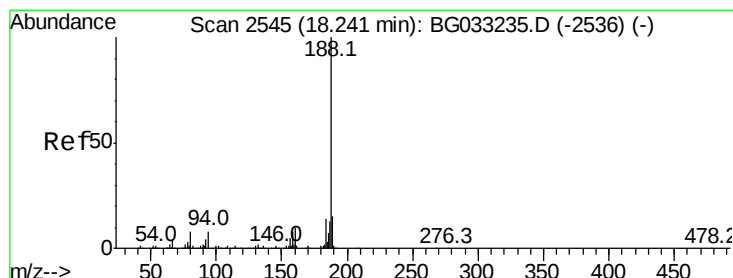
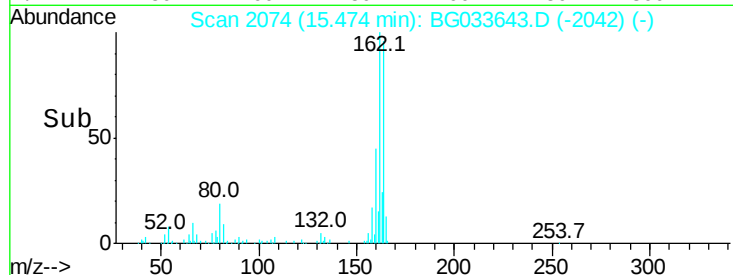
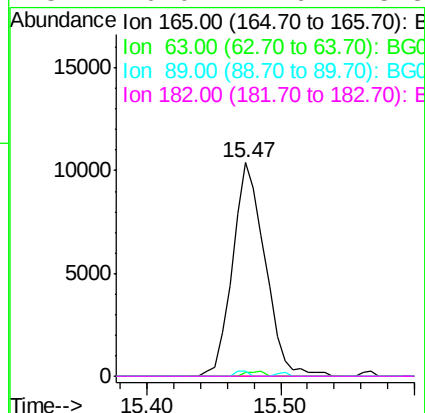
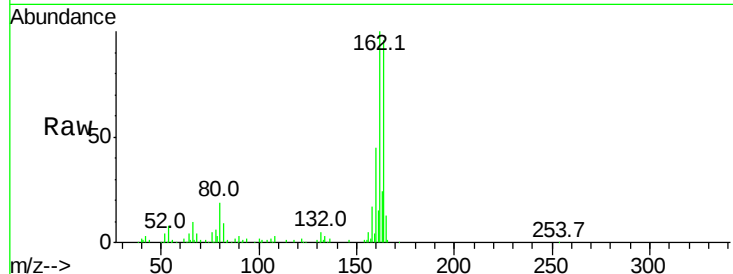




#56
 2,4-Dinitrotoluene
 Concen: 5.085 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033643.D
 Acq: 7 Apr 2018 00:28

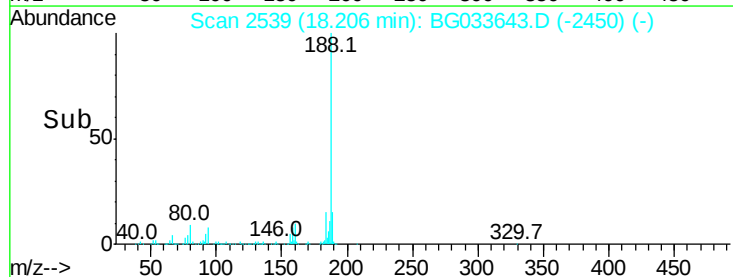
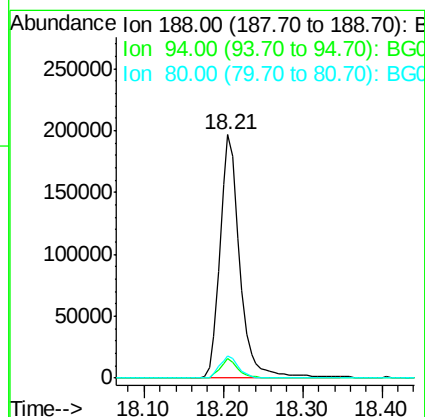
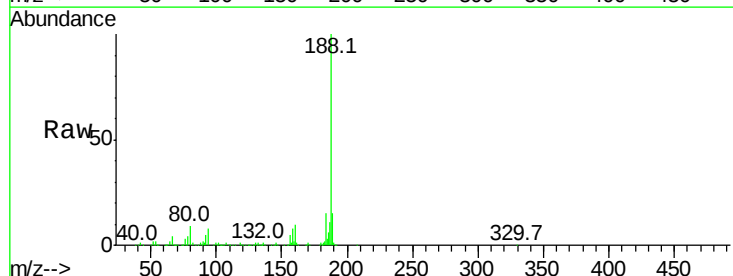
Instrument :
 BNA_G
 ClientSampleId :

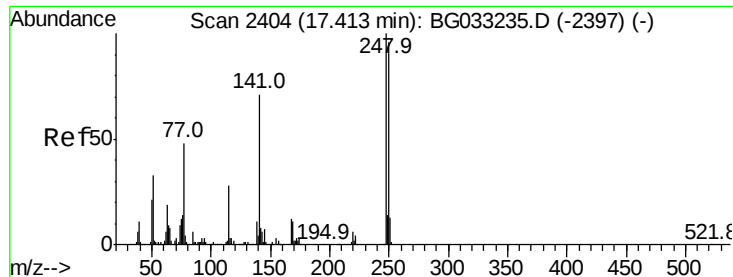
Tot Ion:165 Resp: 17564
 Ion Ratio Lower Upper
 165 100
 63 1.8 42.0 63.0#
 89 2.5 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033643.D
 Acq: 7 Apr 2018 00:28

Tgt Ion:188 Resp: 340174
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.9 10.3
 80 8.9 7.7 11.5

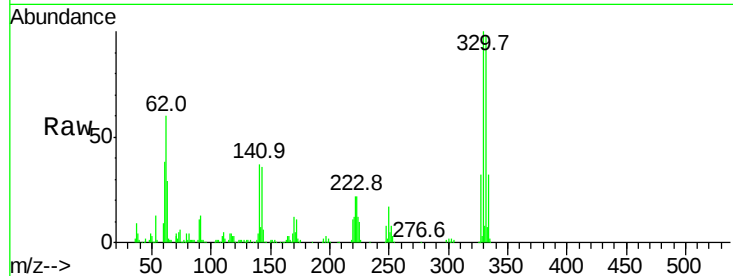




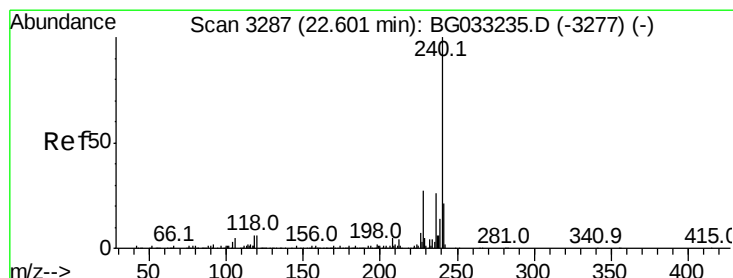
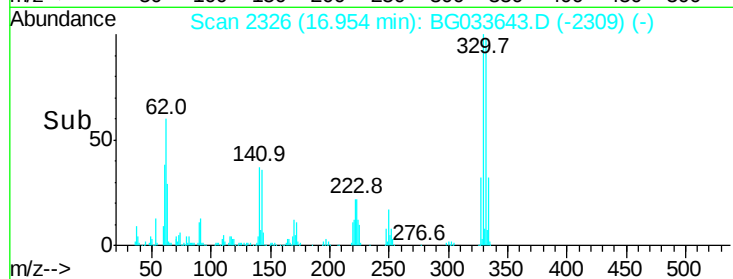
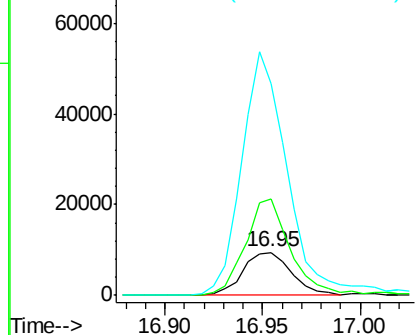
#66
4-Bromophenyl-phenylether
Concen: 4.114 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033643.D
Acq: 7 Apr 2018 00:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 16437
Ion Ratio Lower Upper
248 100
250 222.9 77.1 115.7#
141 489.3 50.8 76.2#

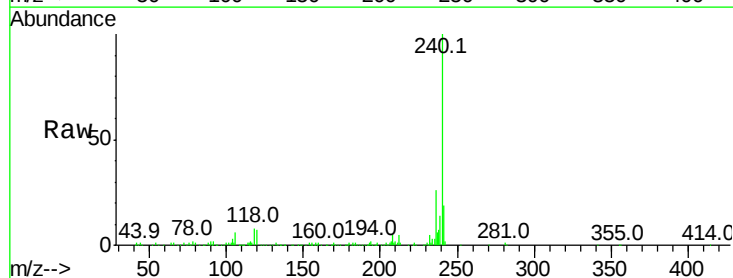


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

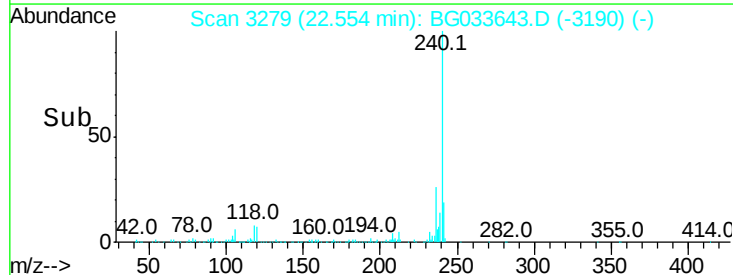
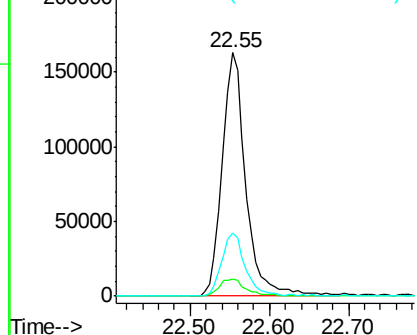


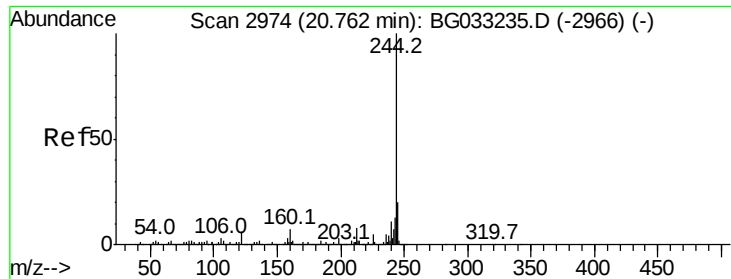
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033643.D
Acq: 7 Apr 2018 00:28

Tgt Ion:240 Resp: 336566
Ion Ratio Lower Upper
240 100
120 6.9 6.8 10.2
236 25.7 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

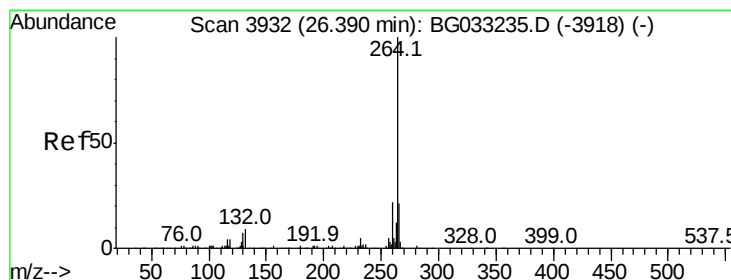
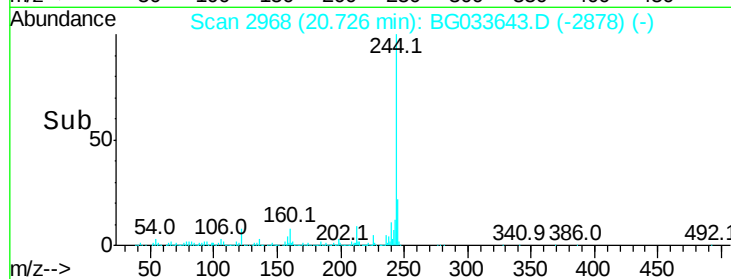
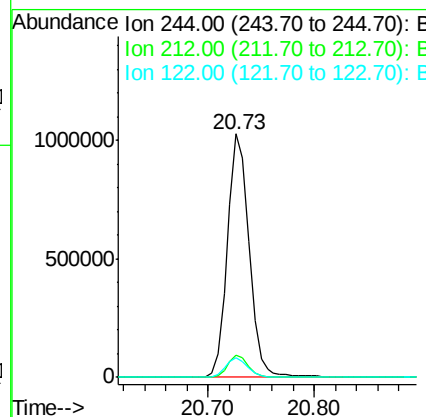
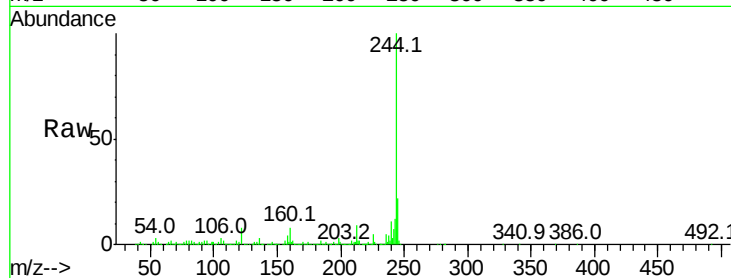




#78
 Terphenyl-d14
 Concen: 93.752 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. 0.00 min
 Lab File: BG033643.D
 Acq: 7 Apr 2018 00:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1475436
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 8.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. 0.00 min
 Lab File: BG033643.D
 Acq: 7 Apr 2018 00:28

Tgt Ion:264 Resp: 314900
 Ion Ratio Lower Upper
 264 100
 260 21.4 17.4 26.0
 265 22.3 17.7 26.5

