

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033689.D
 Acq On : 9 Apr 2018 20:24
 Operator : SJ/JU
 Sample : J2236-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 05:59:32 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

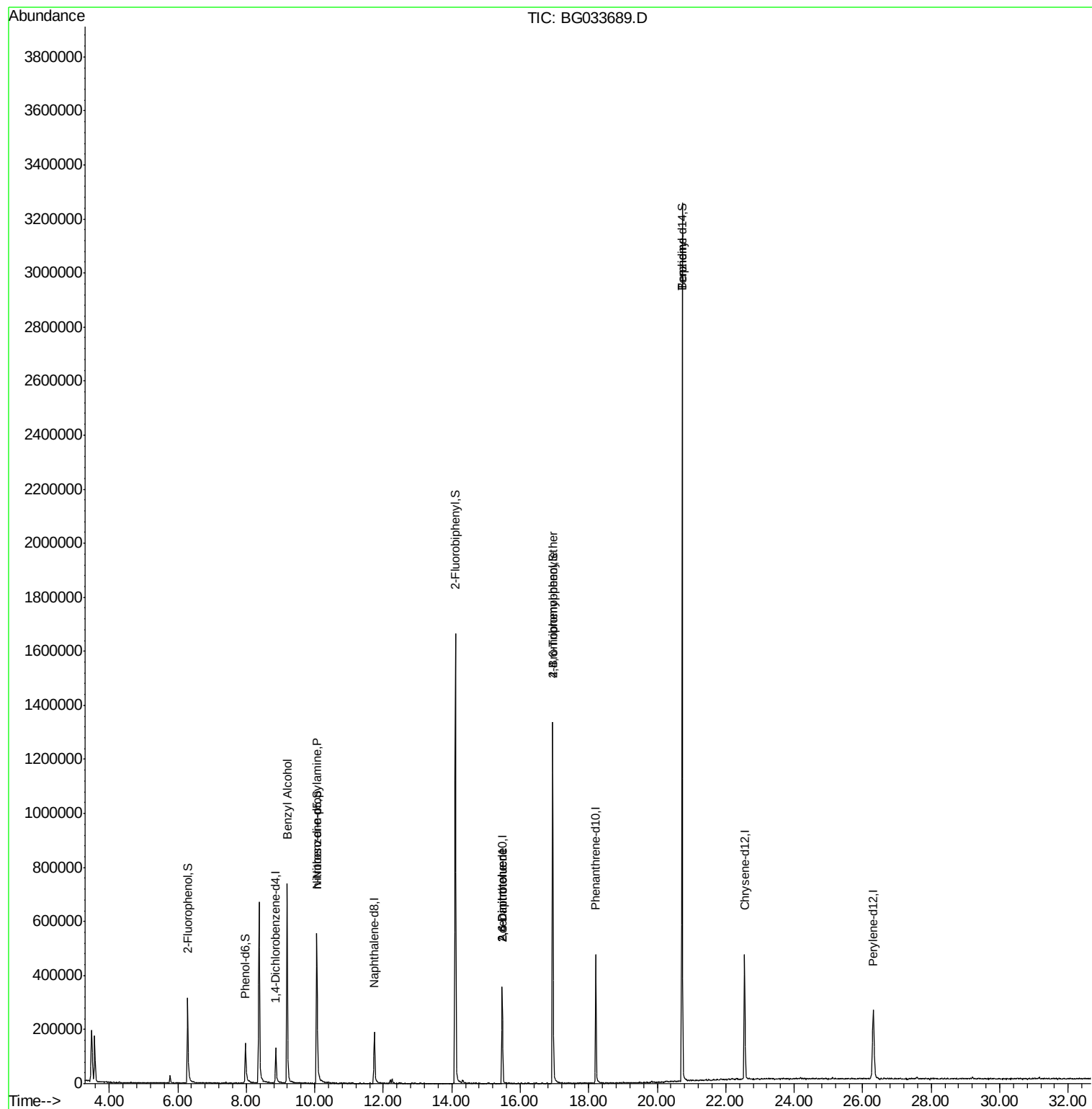
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	46196	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	192030	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	135989	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	343686	20.00	ng	0.00
75) Chrysene-d12	22.55	240	333047	20.00	ng	-0.01
86) Perylene-d12	26.30	264	344854	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	158989	64.53	ng	0.00
7) Phenol-d6	7.97	99	131293	31.02	ng	0.00
23) Nitrobenzene-d5	10.06	82	420971	100.72	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	259033	127.36	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	948033	100.64	ng	0.00
78) Terphenyl-d14	20.73	244	1550918	99.59	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	7921	2.377	ng	# 53
19) n-Nitroso-di-n-propylamine	10.06	70	56536	18.227	ng	# 76
50) 2,6-Dinitrotoluene	15.47	165	17606	7.276	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	17606	4.941	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	20748	5.140	ng	# 1
76) Benzidine	20.73	184	27032	2.993	ng	# 88

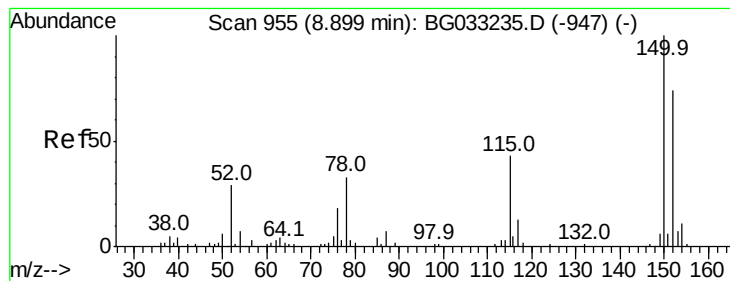
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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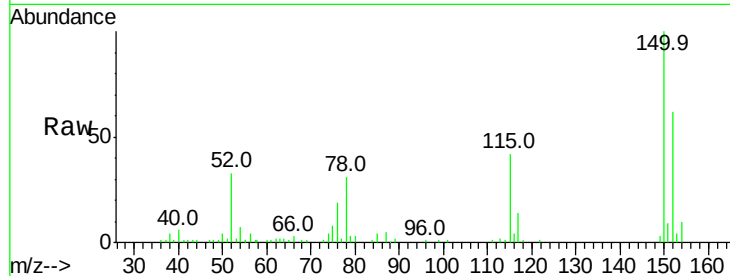


#1

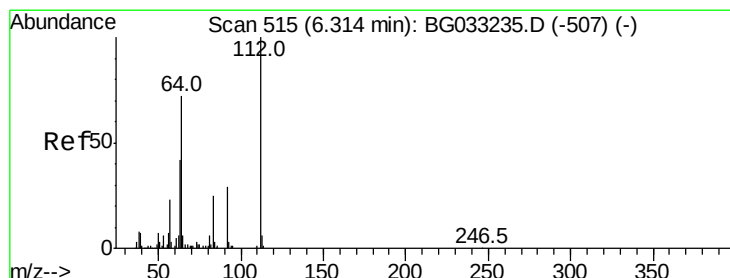
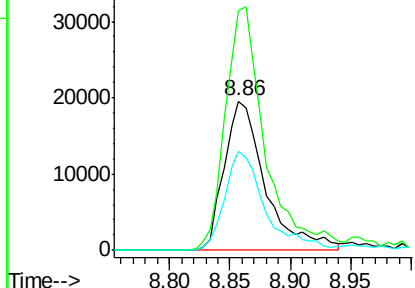
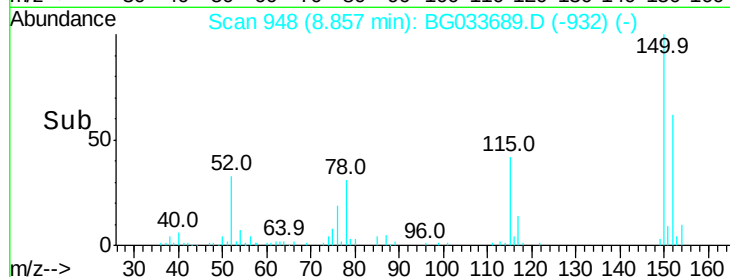
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BG033689.D
 Acq: 9 Apr 2018 20:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.6	189.8
115	66.6	53.0	79.4



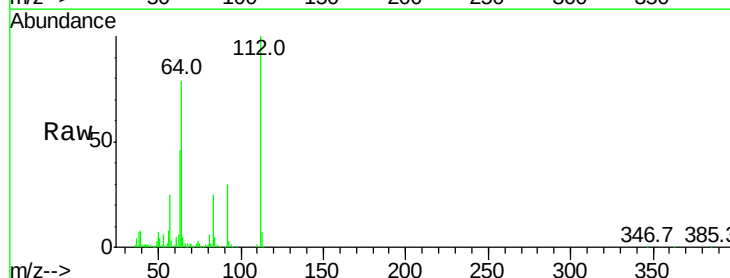
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



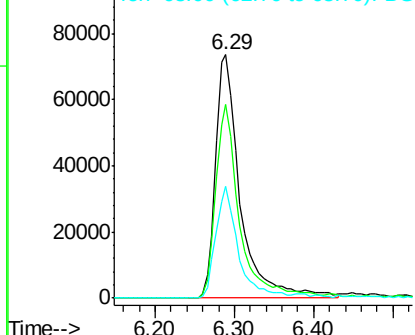
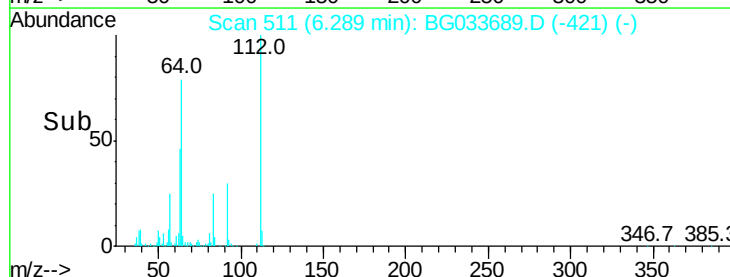
#5

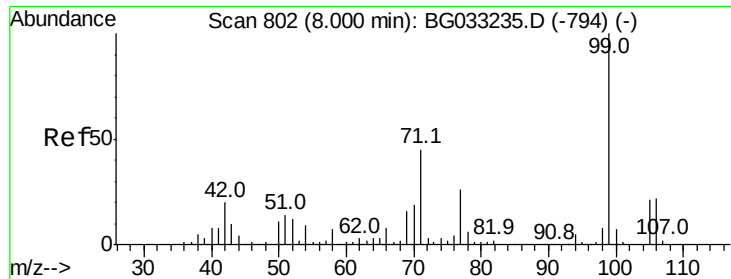
2-Fluorophenol
 Concen: 64.534 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BG033689.D
 Acq: 9 Apr 2018 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.4	56.3	84.5
63	45.7	30.1	45.1



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





#7

Phenol-d6

Concen: 31.016 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033689.D

Acq: 9 Apr 2018 20:24

Instrument :

BNA_G

ClientSampleId :

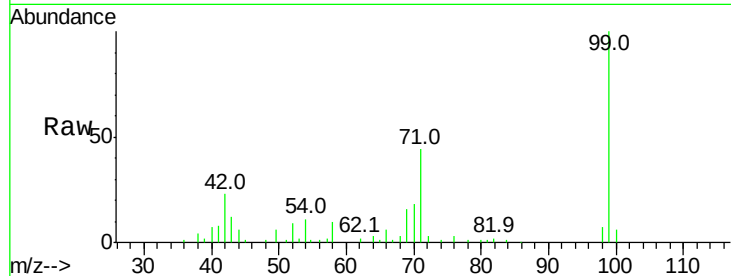
Tot Ion: 99 Resp: 131293

Ion Ratio Lower Upper

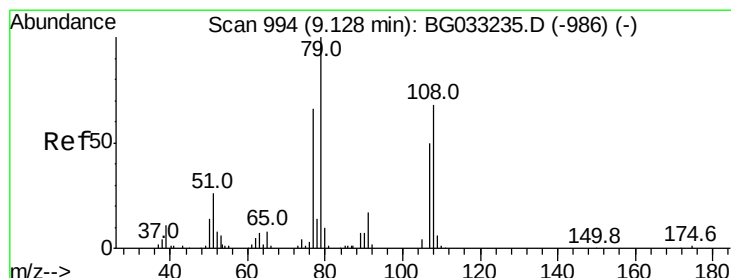
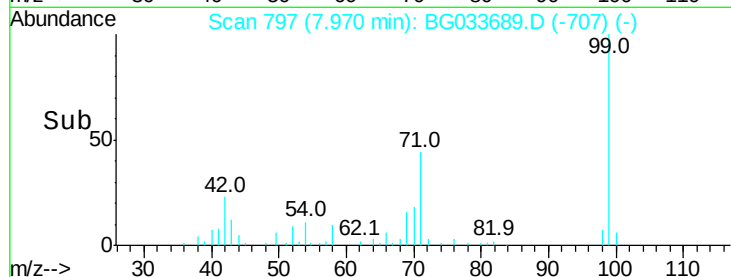
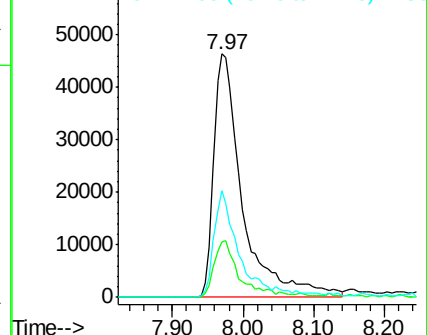
99 100

42 22.7 14.1 21.1#

71 43.6 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



#15

Benzyl Alcohol

Concen: 2.377 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033689.D

Acq: 9 Apr 2018 20:24

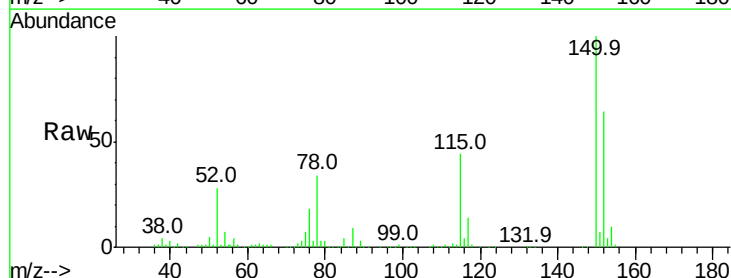
Tgt Ion: 79 Resp: 7921

Ion Ratio Lower Upper

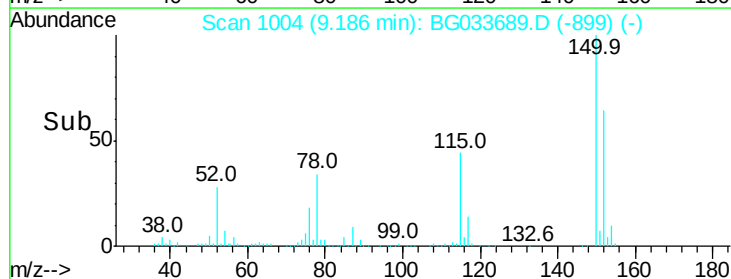
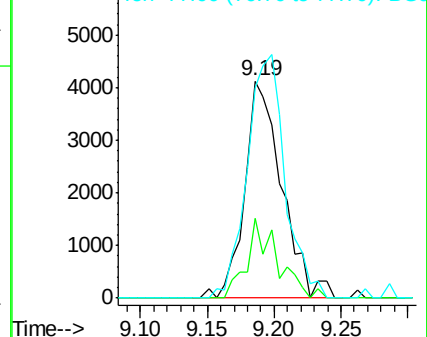
79 100

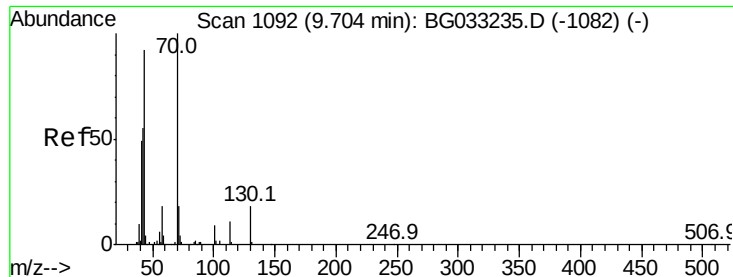
108 36.7 57.2 85.8#

77 97.0 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

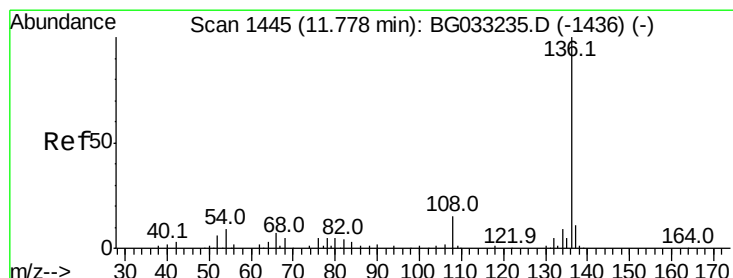
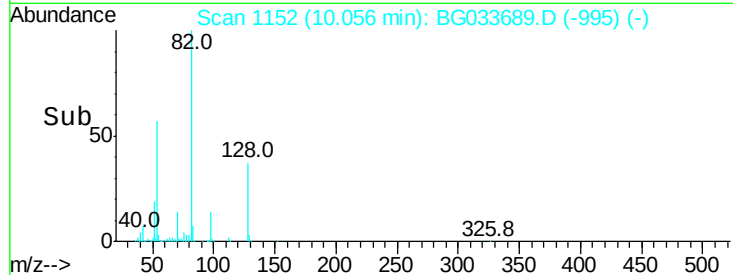
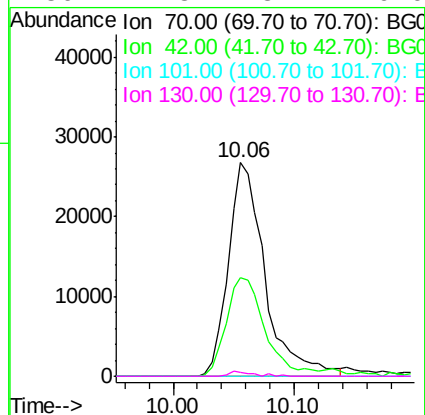
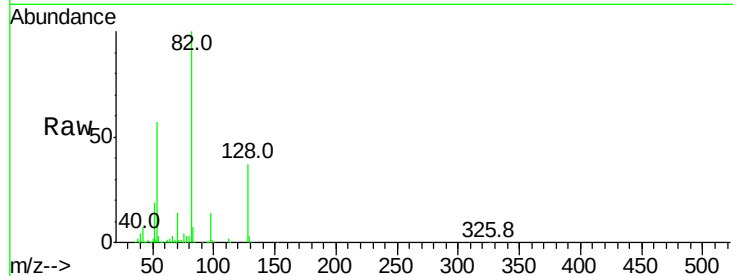




#19
n-Nitroso-di-n-propylamine
Concen: 18.227 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033689.D
Acq: 9 Apr 2018 20:24

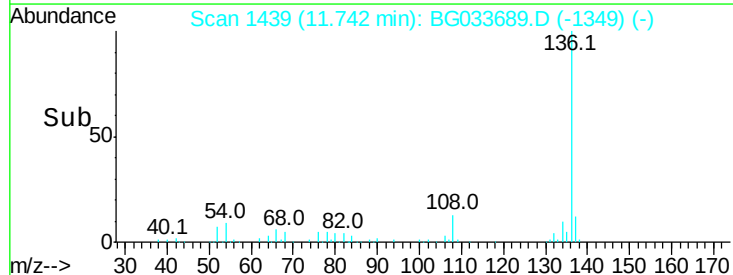
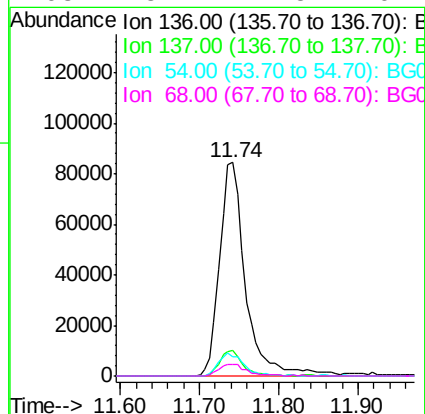
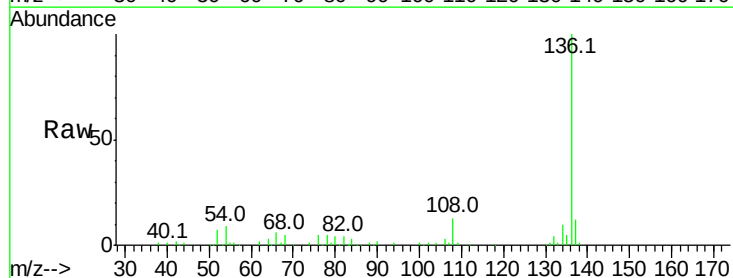
Instrument :
BNA_G
ClientSampleId :

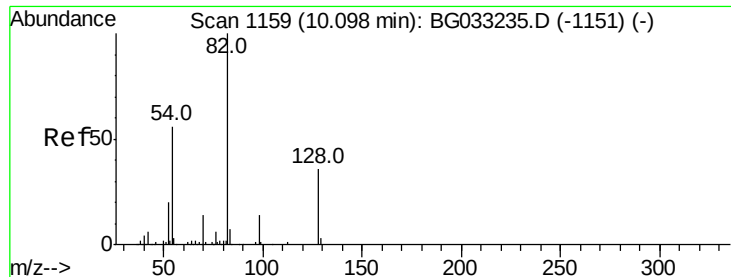
Tot Ion: 70 Resp: 56536
Ion Ratio Lower Upper
70 100
42 46.1 49.1 73.7#
101 0.0 8.5 12.7#
130 1.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033689.D
Acq: 9 Apr 2018 20:24

Tgt Ion: 136 Resp: 192030
Ion Ratio Lower Upper
136 100
137 12.1 9.2 13.8
54 9.3 10.3 15.5#
68 5.1 4.5 6.7

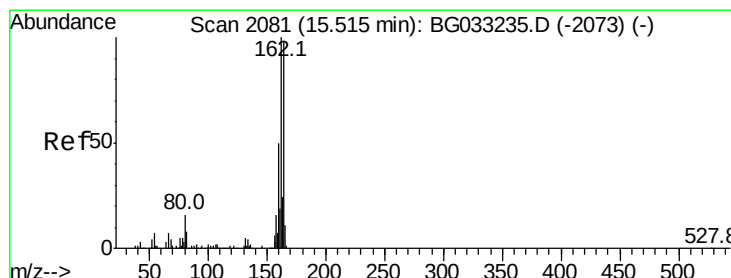
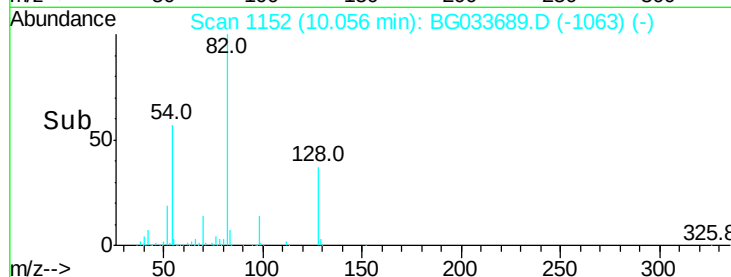
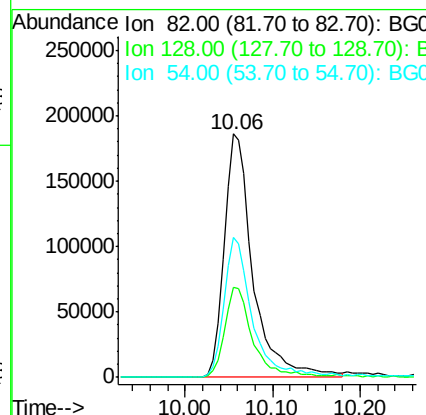
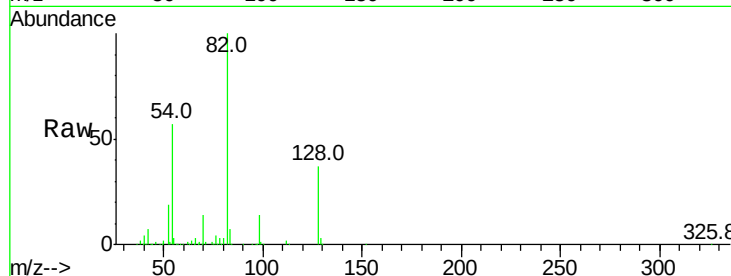




#23
 Nitrobenzene-d5
 Concen: 100.719 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033689.D
 Acq: 9 Apr 2018 20:24

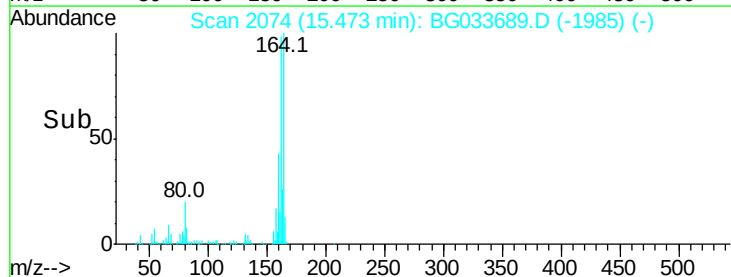
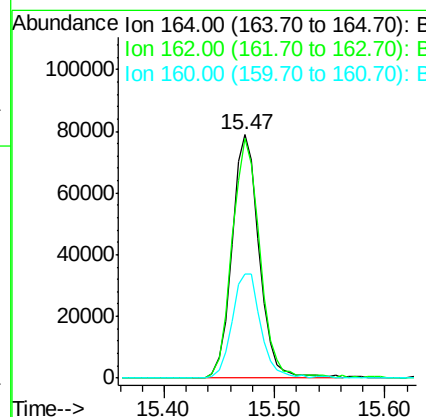
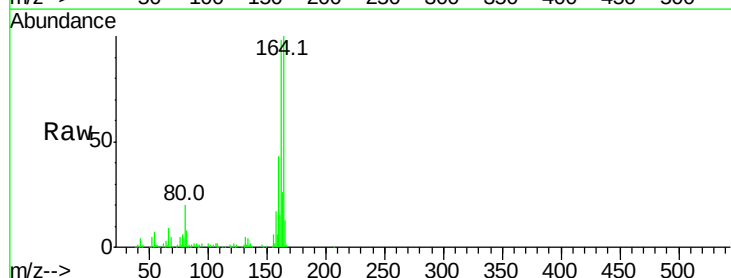
Instrument :
 BNA_G
 ClientSampled :

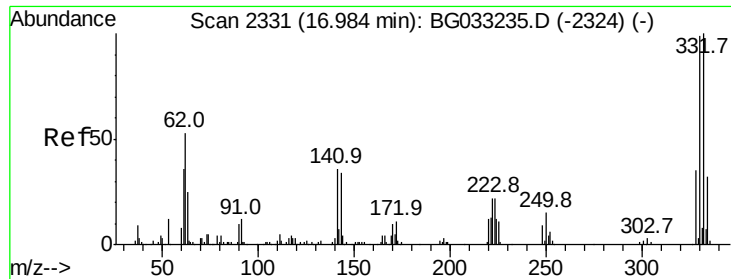
Tot Ion: 82 Resp: 420971
 Ion Ratio Lower Upper
 82 100
 128 37.0 29.7 44.5
 54 57.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033689.D
 Acq: 9 Apr 2018 20:24

Tgt Ion: 164 Resp: 135989
 Ion Ratio Lower Upper
 164 100
 162 98.5 78.8 118.2
 160 42.7 35.4 53.0

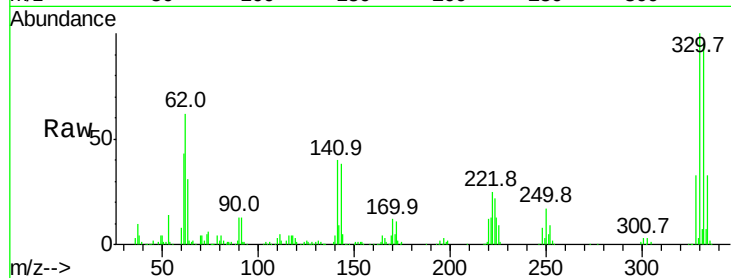




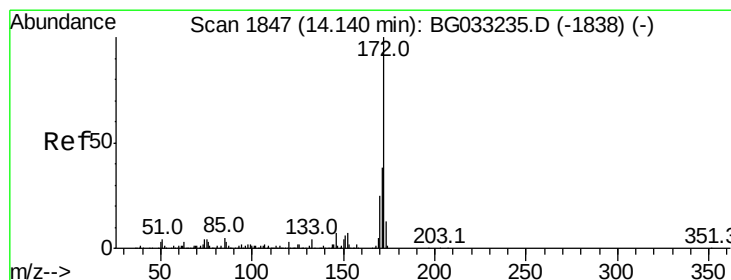
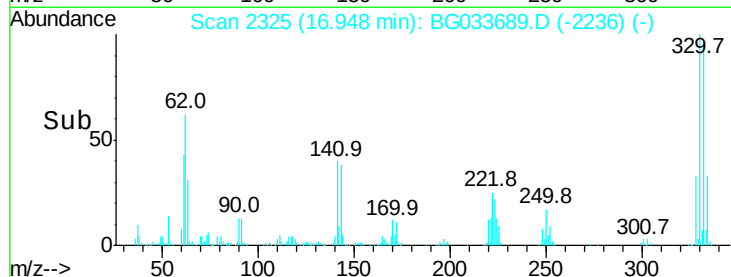
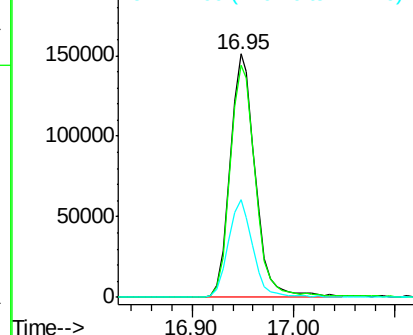
#41
 2,4,6-Tribromophenol
 Concen: 127.359 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033689.D
 Acq: 9 Apr 2018 20:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	39.7	25.2	37.8#

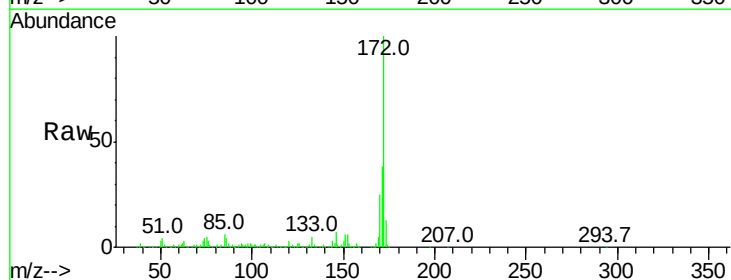


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

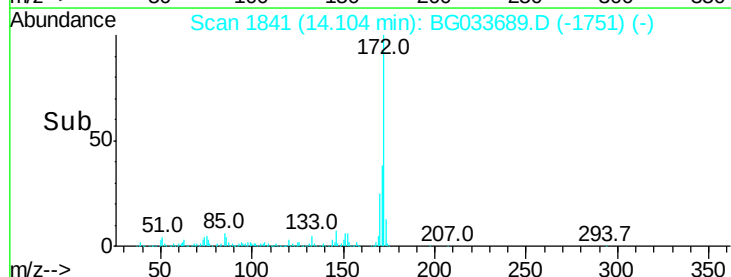
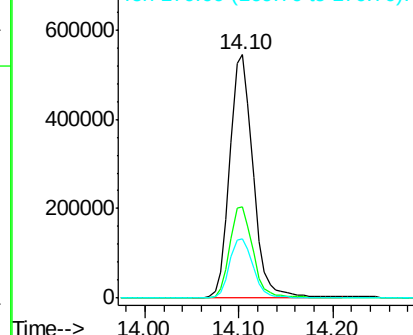


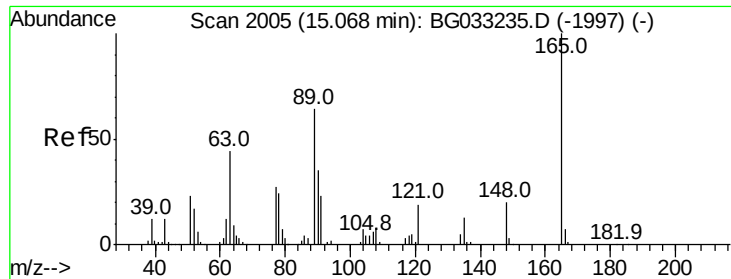
#44
 2-Fluorobiphenyl
 Concen: 100.641 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033689.D
 Acq: 9 Apr 2018 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.6	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

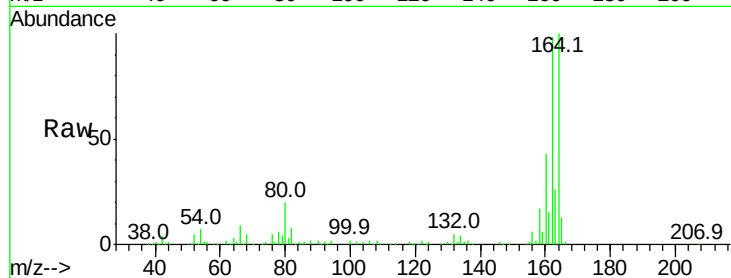




#50
 2,6-Dinitrotoluene
 Concen: 7.276 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.43 min
 Lab File: BG033689.D
 Acq: 9 Apr 2018 20:24

Instrument :
 BNA_G
 ClientSampleId :

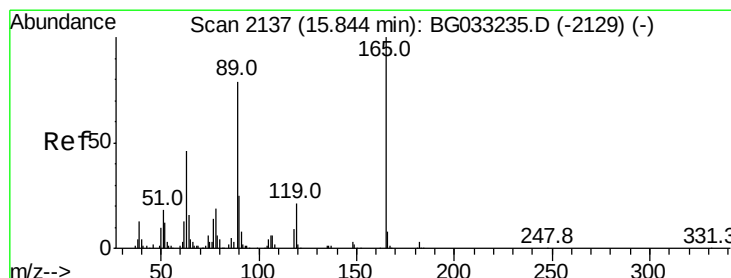
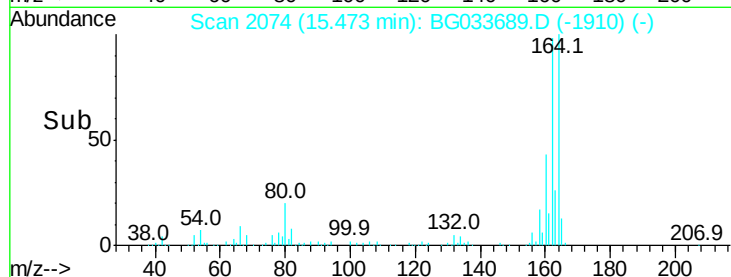
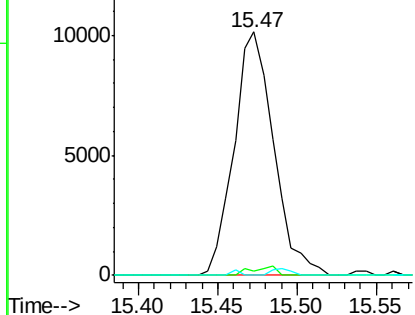
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.7	79.1#
89	0.0	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

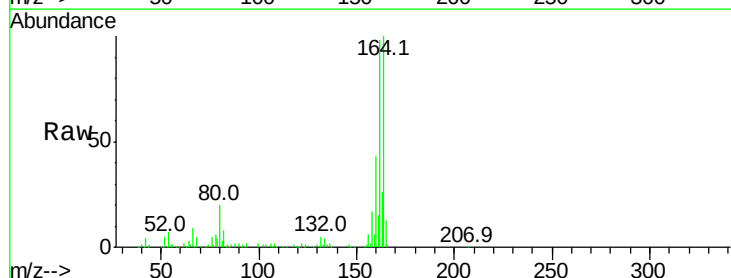
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
 2,4-Dinitrotoluene
 Concen: 4.941 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033689.D
 Acq: 9 Apr 2018 20:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

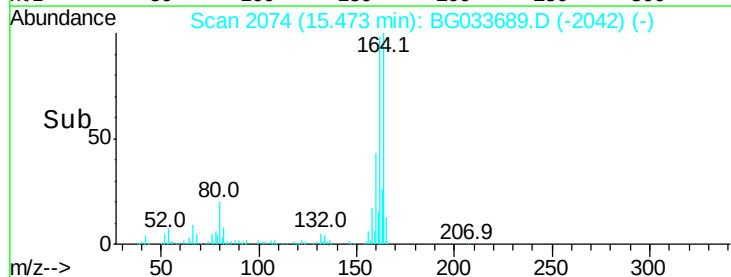
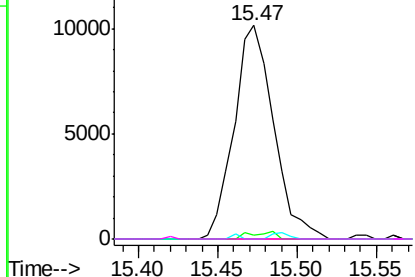


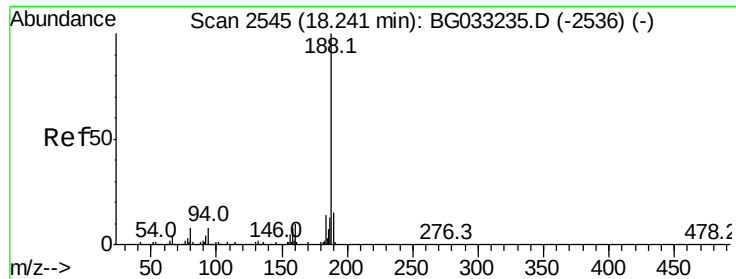
Abundance Ion 165.00 (164.70 to 165.70): E

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

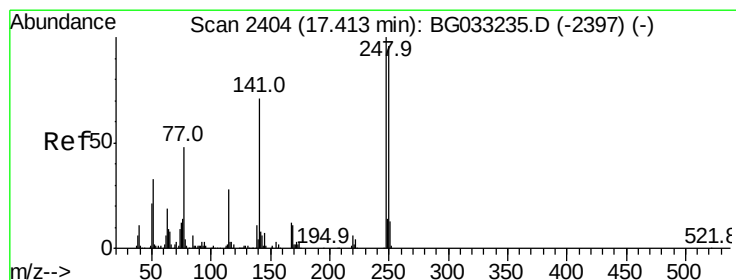
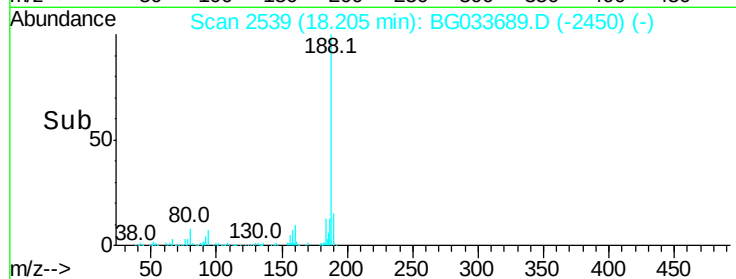
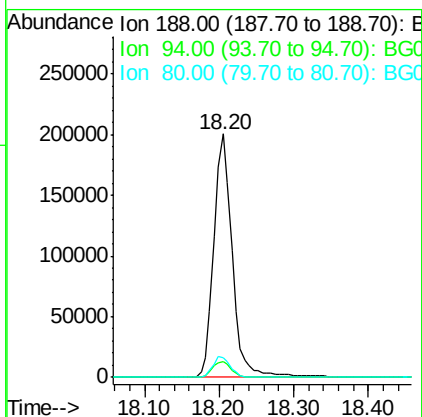
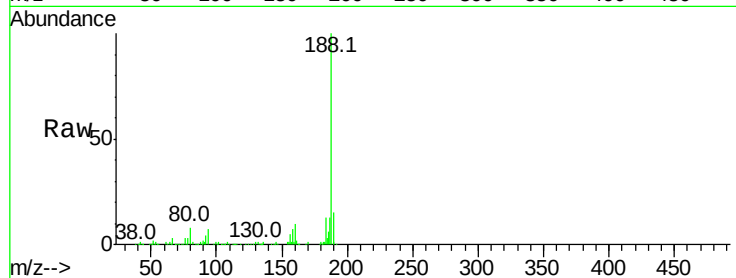




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033689.D
 Acq: 9 Apr 2018 20:24

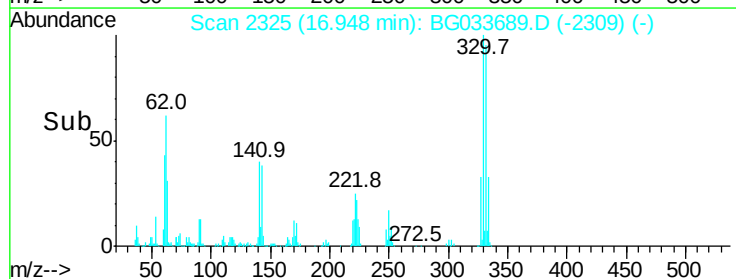
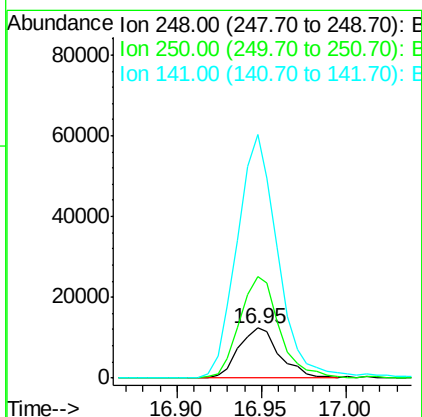
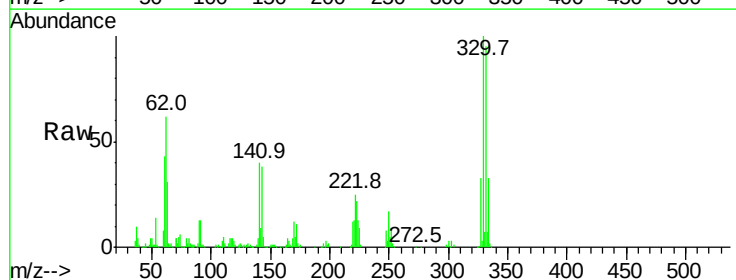
Instrument :
 BNA_G
 ClientSampled :

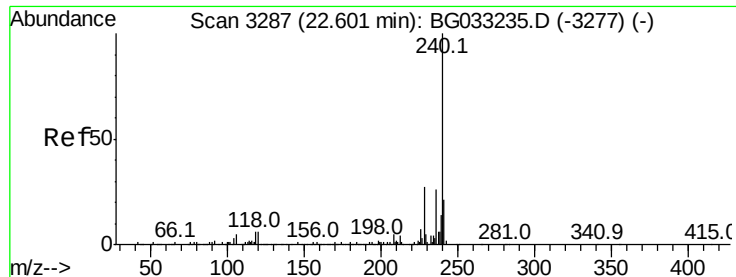
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.9	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 5.140 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.44 min
 Lab File: BG033689.D
 Acq: 9 Apr 2018 20:24

Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.1	77.1	115.7#
141	486.0	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033689.D

Acq: 9 Apr 2018 20:24

Instrument :

BNA_G

ClientSampleId :

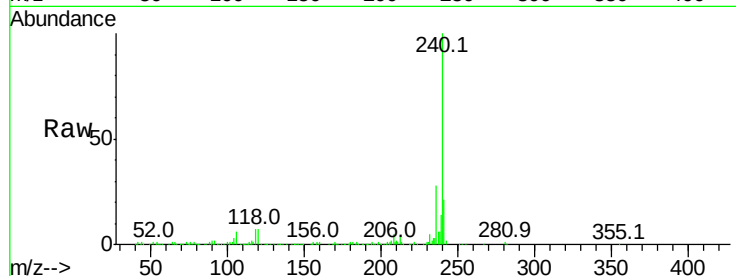
Tot Ion:240 Resp: 333047

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

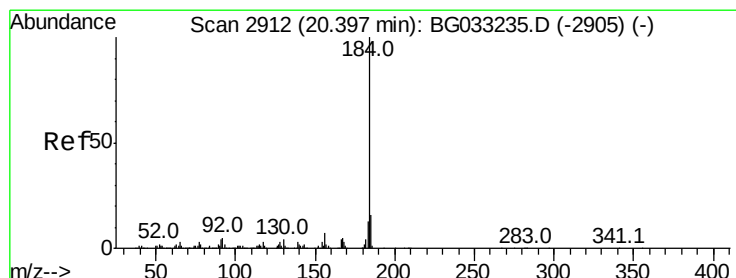
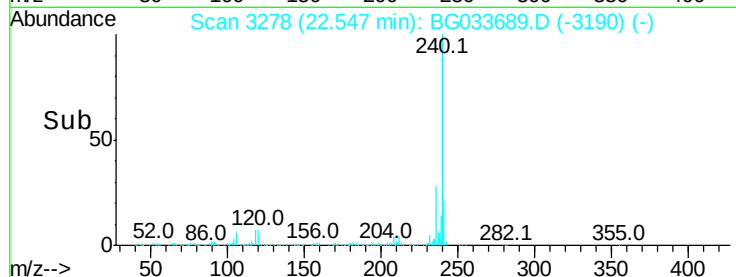
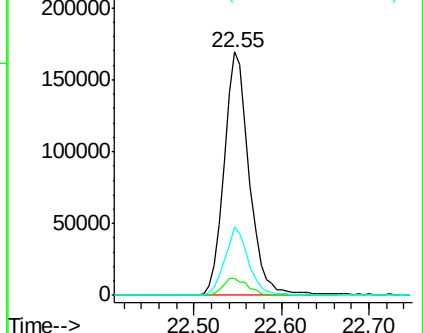
236 27.8 20.9 31.3



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: 2.993 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033689.D

Acq: 9 Apr 2018 20:24

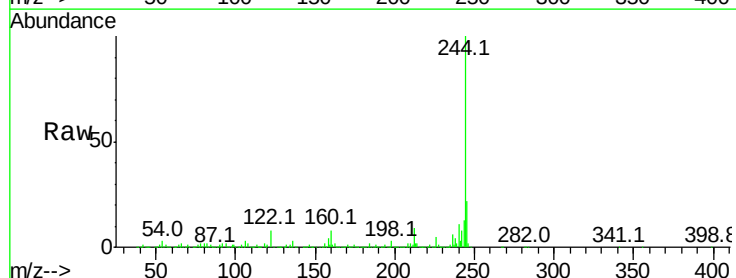
Tgt Ion:184 Resp: 27032

Ion Ratio Lower Upper

184 100

185 17.5 11.1 16.7#

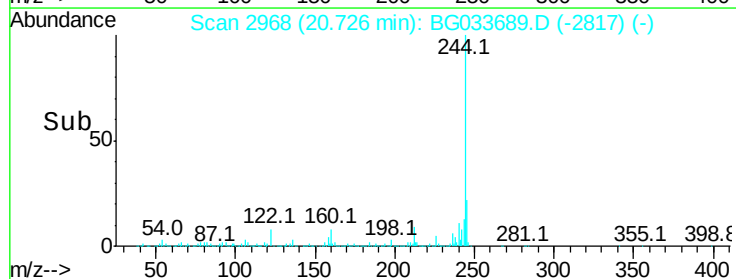
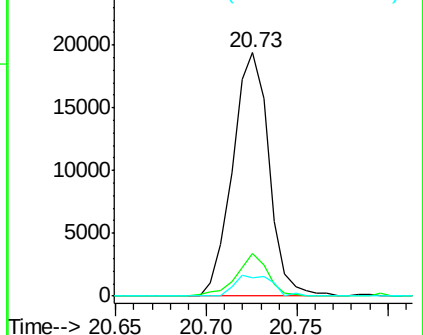
183 7.3 10.6 16.0#

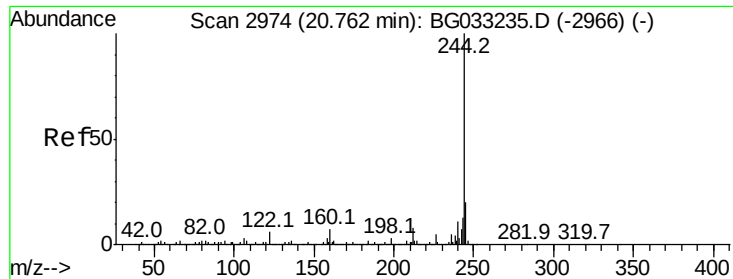


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 99.590 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033689.D

Acq: 9 Apr 2018 20:24

Instrument :

BNA_G

ClientSampled :

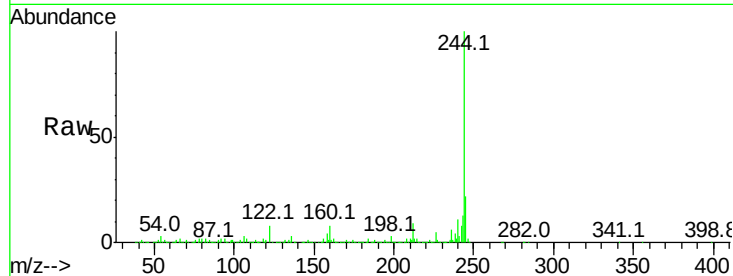
Tot Ion:244 Resp: 1550918

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.8	7.0	10.4

244 100

212 8.6 5.8 8.8

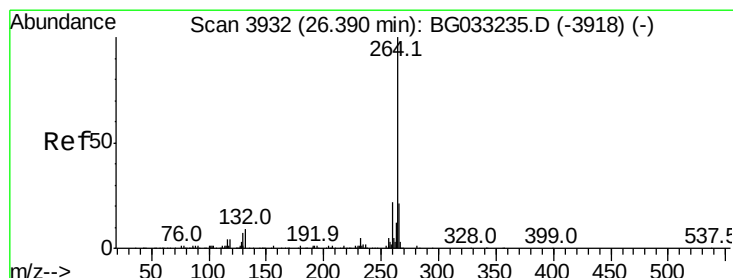
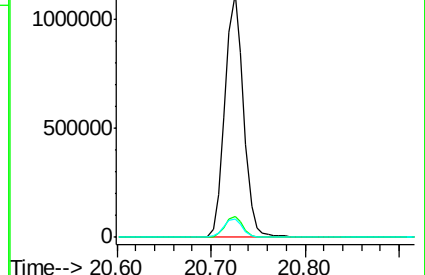
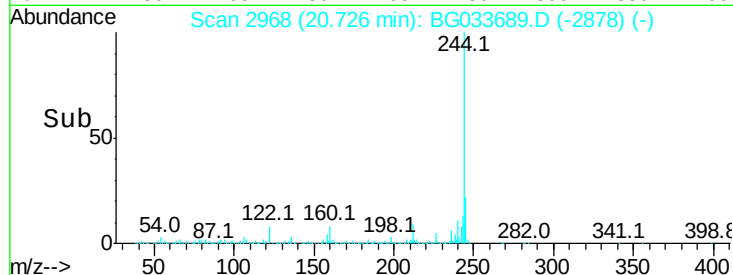
122 7.8 7.0 10.4



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: 26.30 min Scan# 3917

Delta R.T. -0.02 min

Lab File: BG033689.D

Acq: 9 Apr 2018 20:24

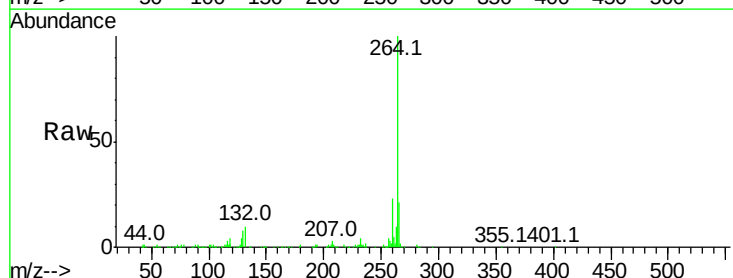
Tgt Ion:264 Resp: 344854

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.0	17.7	26.5

264 100

260 22.8 17.4 26.0

265 21.0 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

