

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033676.D
 Acq On : 9 Apr 2018 12:15
 Operator : SJ/JU
 Sample : J2236-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 05:53:54 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

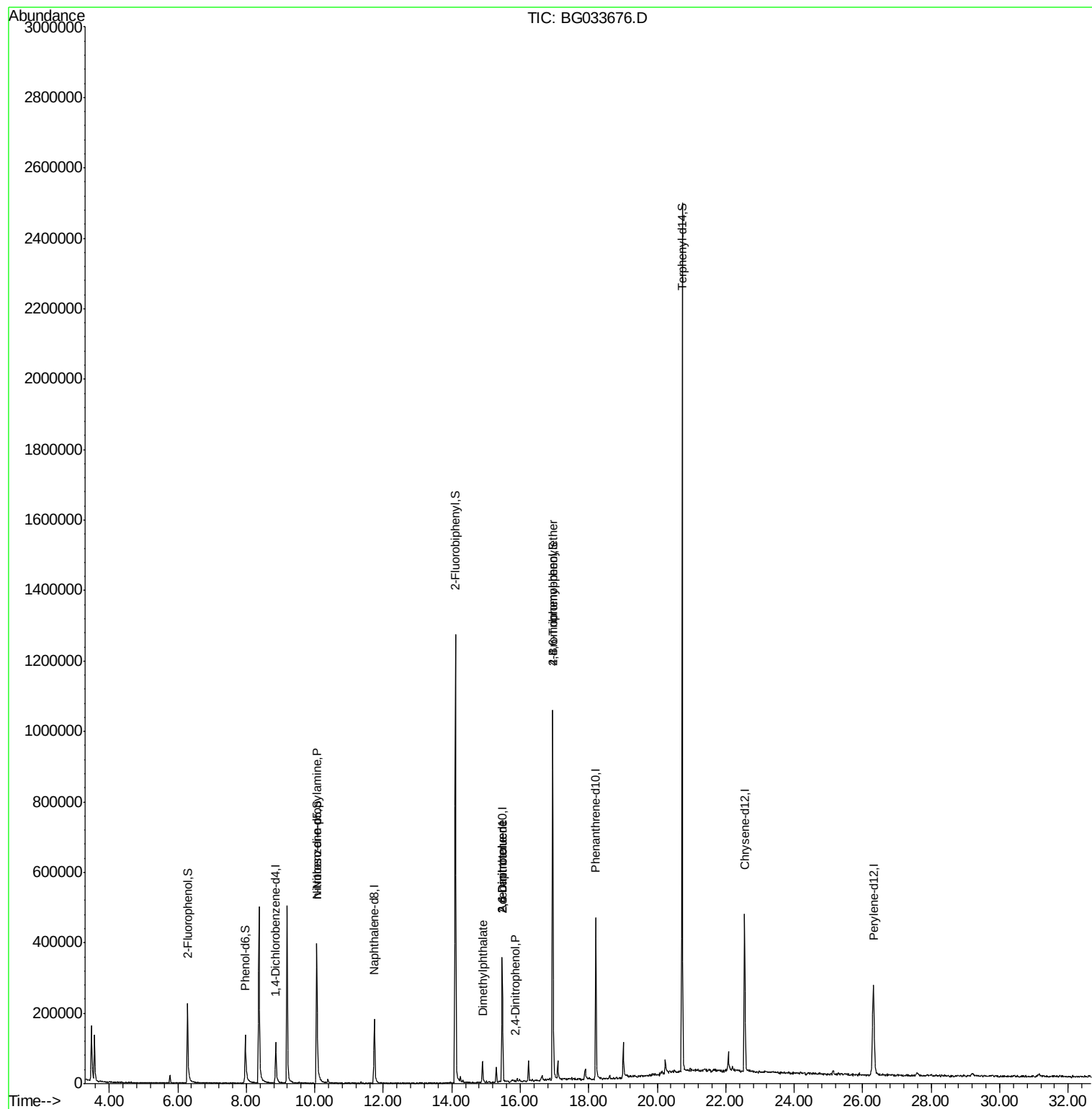
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	42380	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	178783	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	128658	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	326192	20.00	ng	0.00
75) Chrysene-d12	22.55	240	327530	20.00	ng	0.00
86) Perylene-d12	26.31	264	354141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	117695	52.07	ng	0.00
7) Phenol-d6	7.97	99	101773	26.21	ng	0.00
23) Nitrobenzene-d5	10.06	82	305760	78.57	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	197492	102.63	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	712423	79.94	ng	0.00
78) Terphenyl-d14	20.73	244	1170268	76.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	41658	14.640	ng	# 74
49) Dimethylphthalate	14.90	163	37747	3.371	ng	# 97
50) 2,6-Dinitrotoluene	15.47	165	17103	7.470	ng	# 20
53) 2,4-Dinitrophenol	15.84	184	83	7.706	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	17103	5.074	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	15672	4.091	ng	# 1

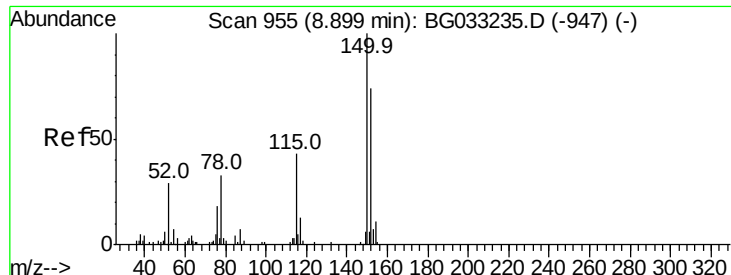
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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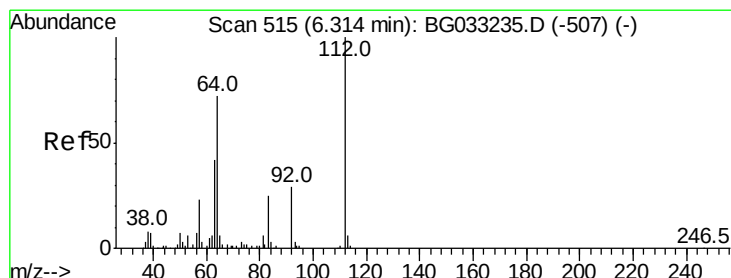
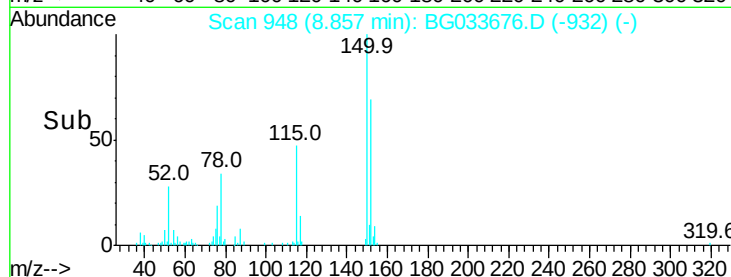
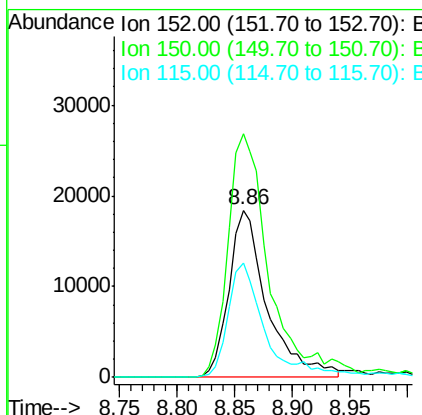
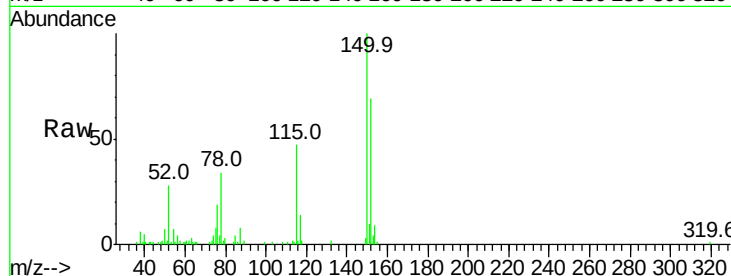


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033676.D
Acq: 9 Apr 2018 12:15

Instrument :
BNA_G
ClientSampleId :

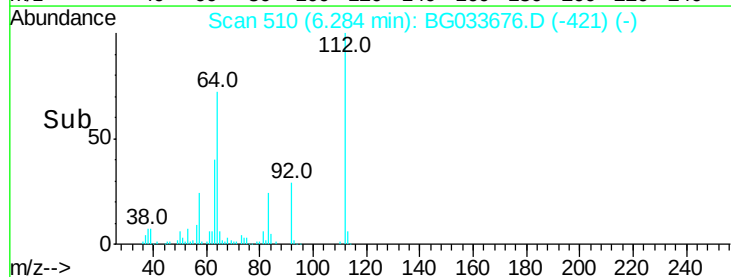
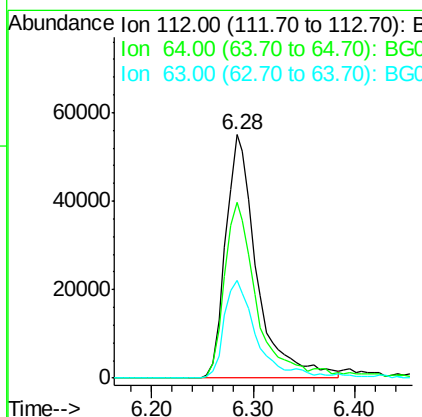
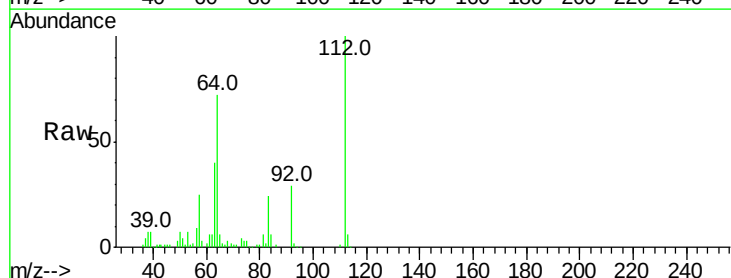
Tot Ion:152 Resp: 42380
Ion Ratio Lower Upper
152 100
150 145.9 126.6 189.8
115 68.9 53.0 79.4

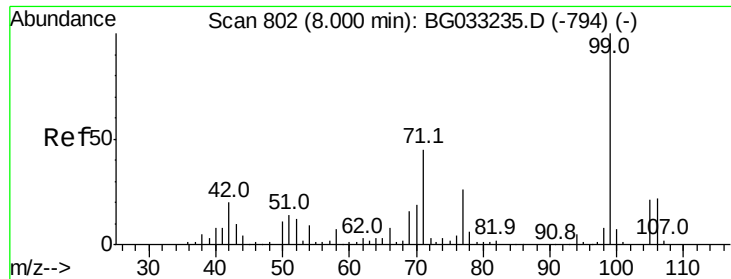


#5

2-Fluorophenol
Concen: 52.075 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033676.D
Acq: 9 Apr 2018 12:15

Tgt Ion:112 Resp: 117695
Ion Ratio Lower Upper
112 100
64 72.3 56.3 84.5
63 40.3 30.1 45.1





#7

Phenol-d6

Concen: 26.208 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033676.D

Acq: 9 Apr 2018 12:15

Instrument :

BNA_G

ClientSampled :

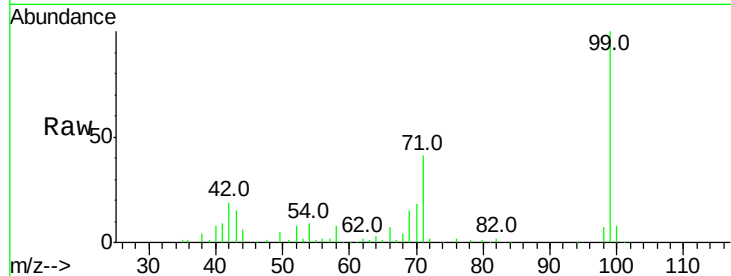
Tot Ion: 99 Resp: 101773

Ion Ratio Lower Upper

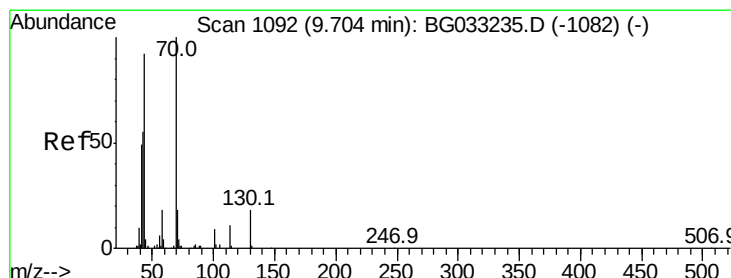
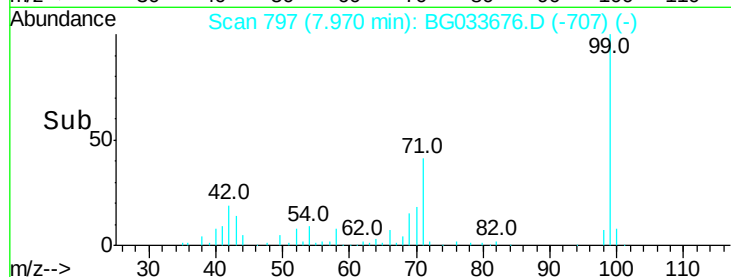
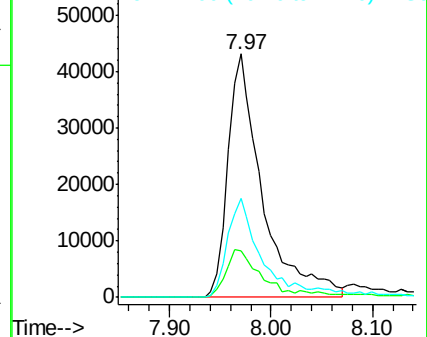
99 100

42 19.2 14.1 21.1

71 40.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.640 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.39 min

Lab File: BG033676.D

Acq: 9 Apr 2018 12:15

Tgt Ion: 70 Resp: 41658

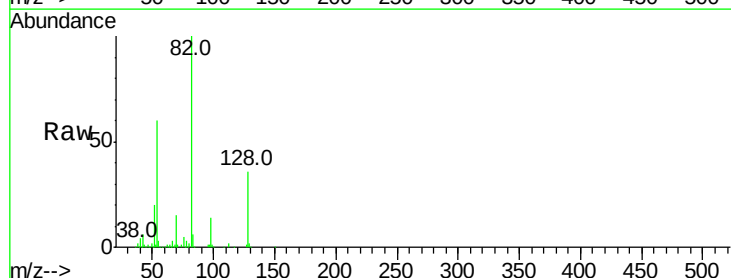
Ion Ratio Lower Upper

70 100

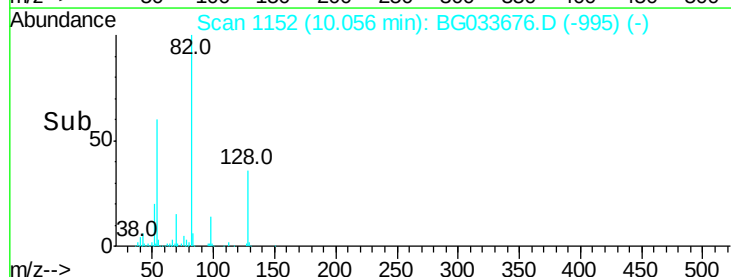
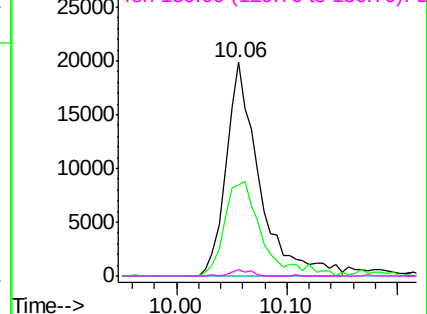
42 42.6 49.1 73.7#

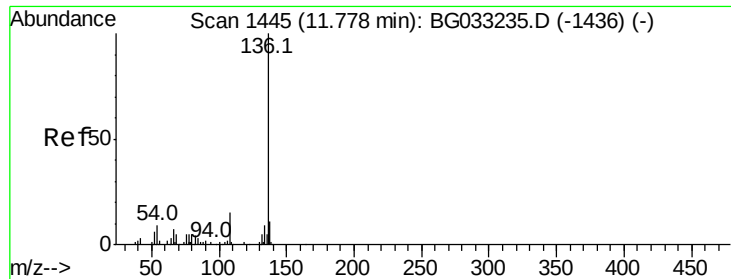
101 0.0 8.5 12.7#

130 2.9 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

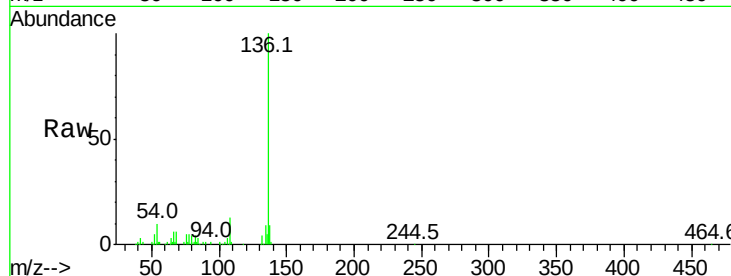




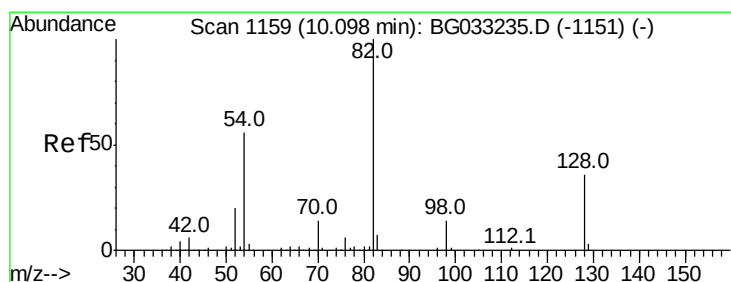
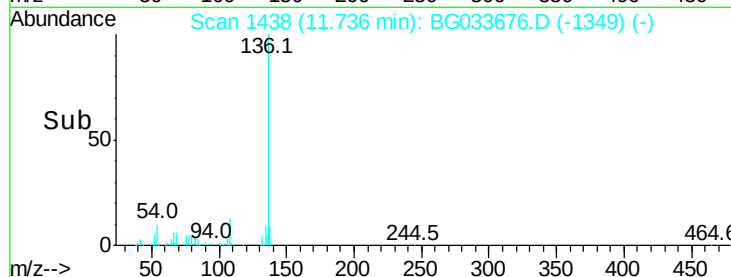
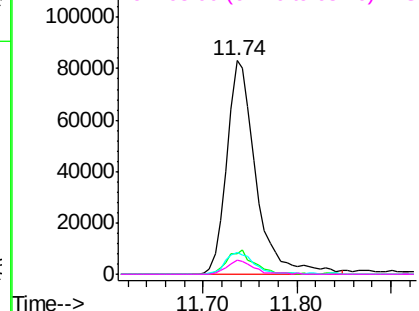
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BG033676.D
Acq: 9 Apr 2018 12:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	178783	
Ion Ratio	Lower	Upper	
136 100			
137 9.4	9.2	13.8	
54 10.3	10.3	15.5#	
68 6.5	4.5	6.7	

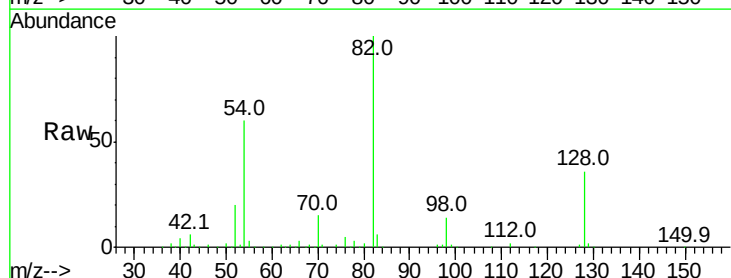


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

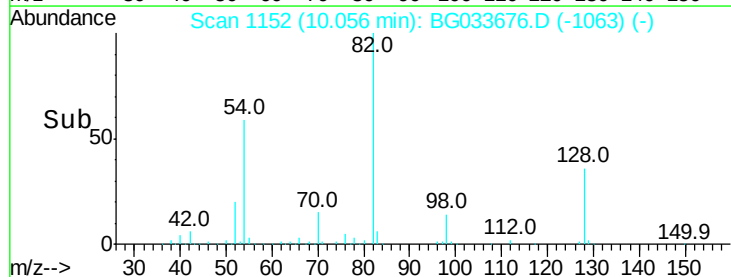
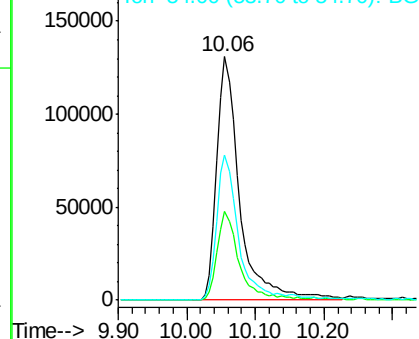


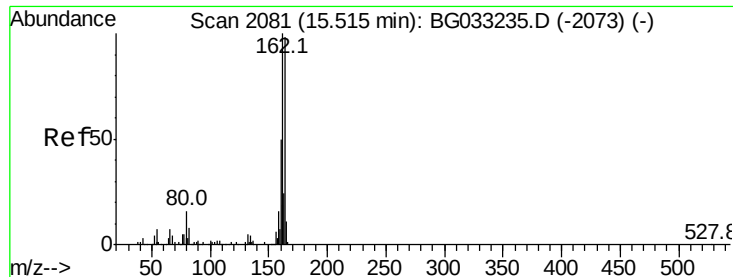
#23
Nitrobenzene-d5
Concen: 78.575 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033676.D
Acq: 9 Apr 2018 12:15

Tgt Ion: 82	Resp: 305760
Ion Ratio	Lower Upper
82 100	
128 36.4	29.7 44.5
54 59.6	43.1 64.7



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

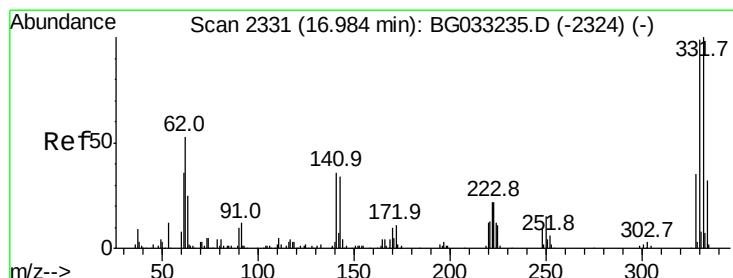
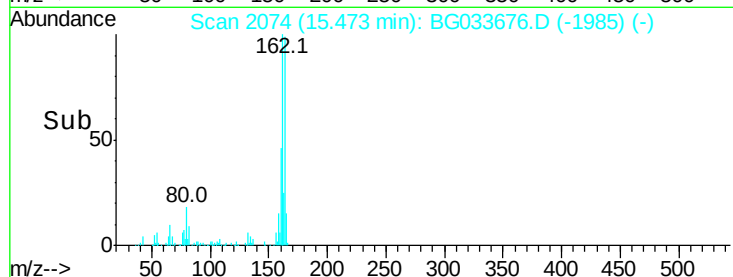
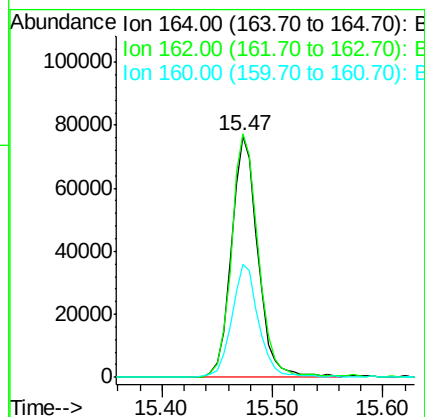
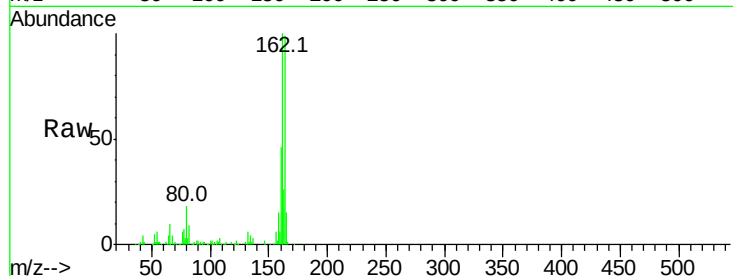




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033676.D
Acq: 9 Apr 2018 12:15

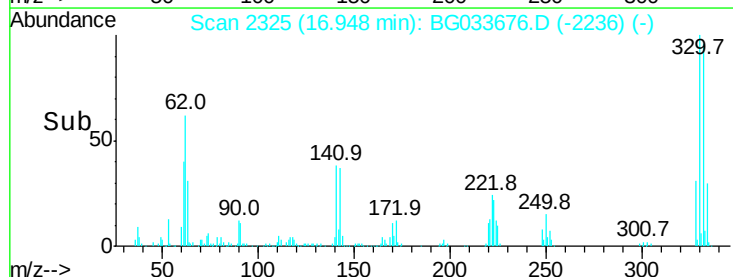
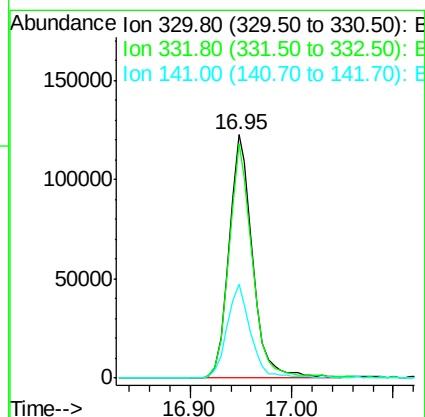
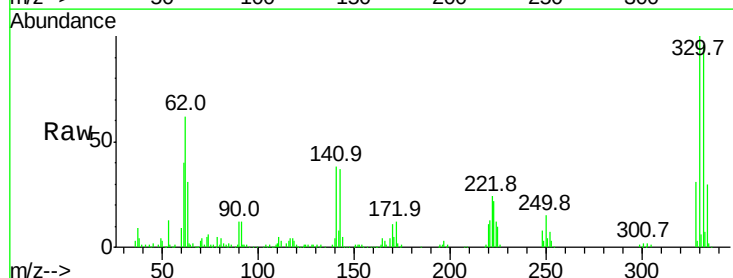
Instrument :
BNA_G
ClientSampleId :

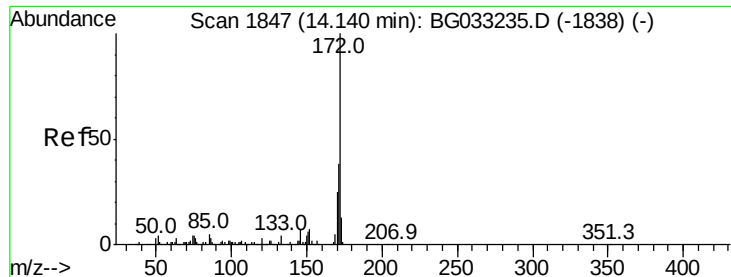
Tot Ion:164 Resp: 128658
Ion Ratio Lower Upper
164 100
162 100.9 78.8 118.2
160 46.7 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 102.634 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG033676.D
Acq: 9 Apr 2018 12:15

Tgt Ion:330 Resp: 197492
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 38.7 25.2 37.8#

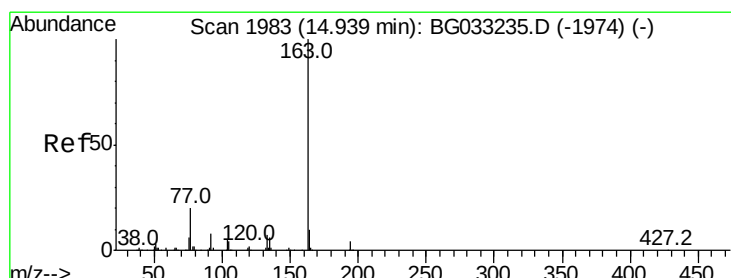
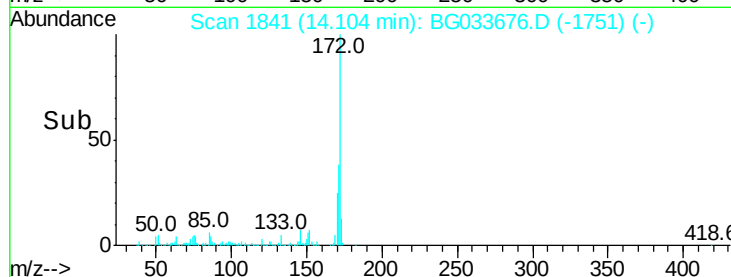
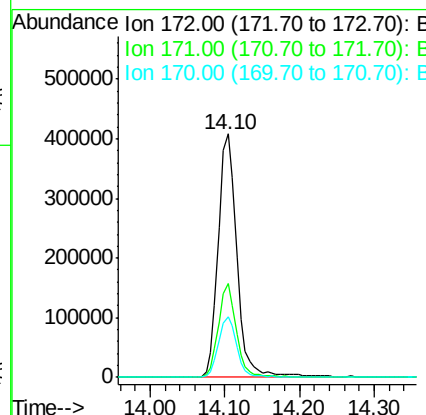
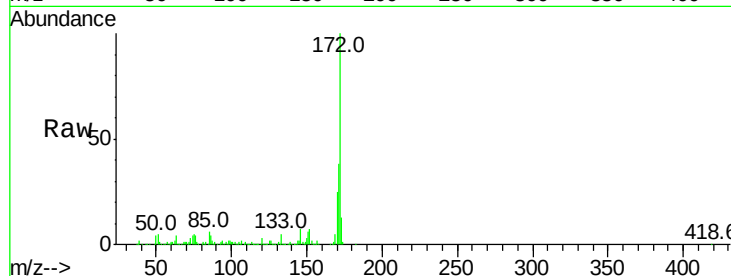




#44
2-Fluorobiphenyl
Concen: 79.939 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033676.D
Acq: 9 Apr 2018 12:15

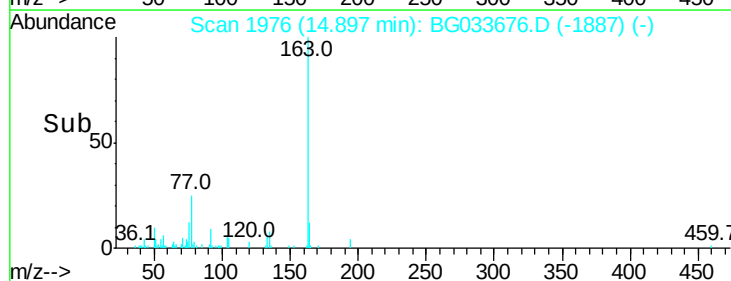
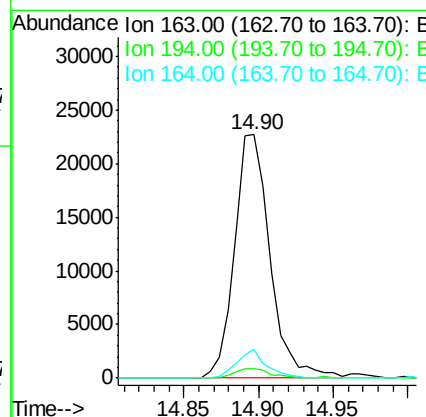
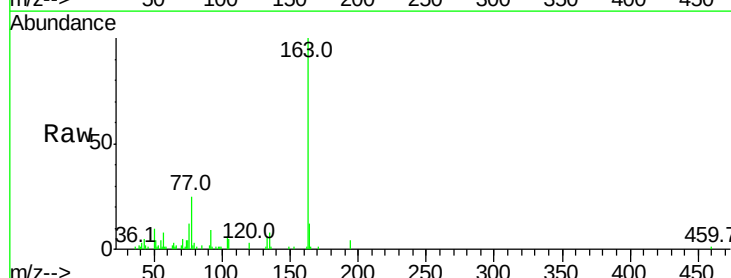
Instrument :
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ClientSampleId :

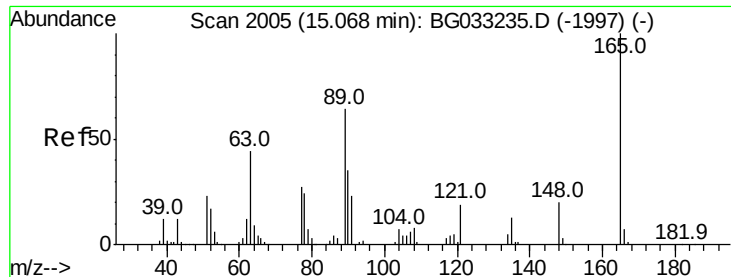
Tot Ion:172 Resp: 712423
Ion Ratio Lower Upper
172 100
171 38.3 30.0 45.0
170 25.1 19.5 29.3



#49
Dimethylphthalate
Concen: 3.371 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033676.D
Acq: 9 Apr 2018 12:15

Tgt Ion:163 Resp: 37747
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 11.8 8.2 12.4

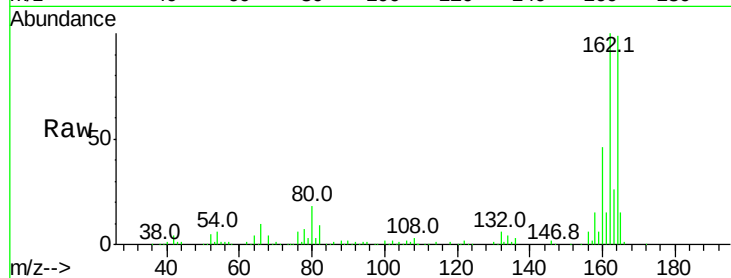




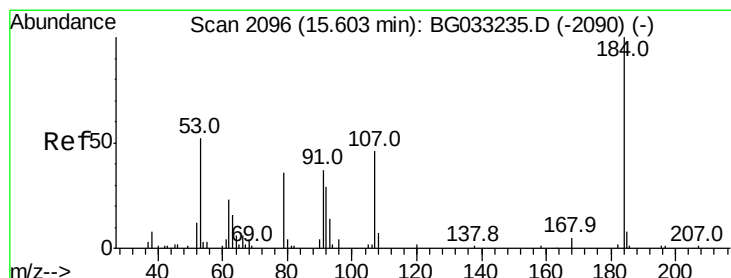
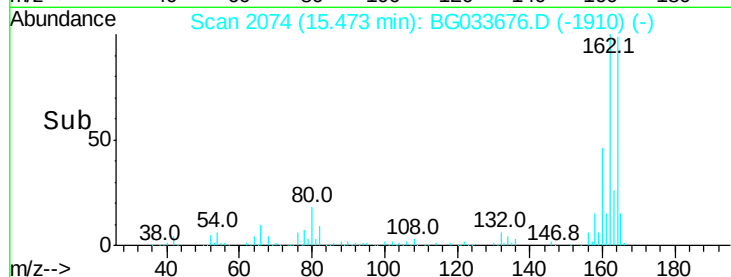
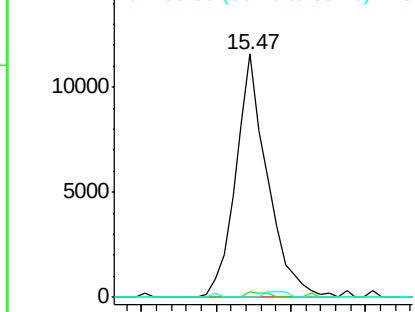
#50
 2,6-Dinitrotoluene
 Concen: 7.470 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.43 min
 Lab File: BG033676.D
 Acq: 9 Apr 2018 12:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17103
 Ion Ratio Lower Upper
 165 100
 63 2.3 52.7 79.1#
 89 0.0 49.2 73.8#

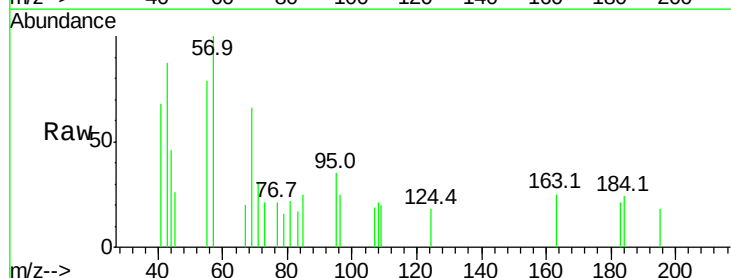


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

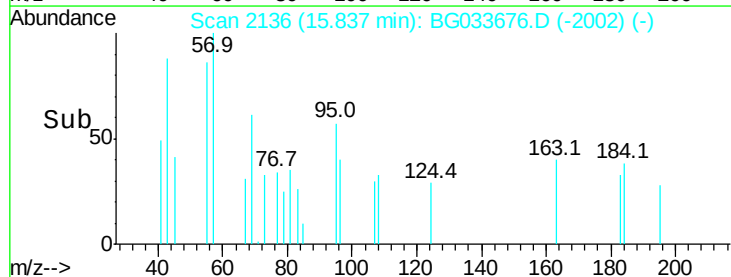
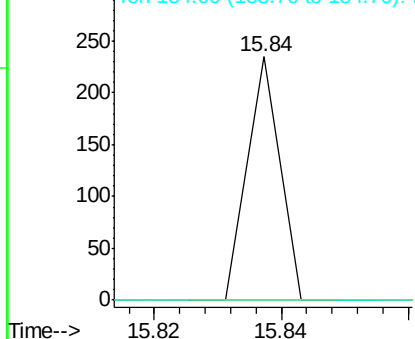


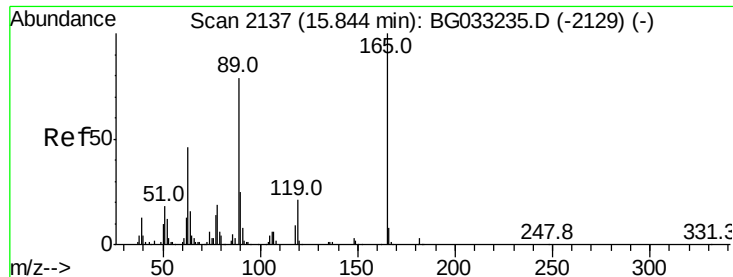
#53
 2,4-Dinitrophenol
 Concen: 7.706 ng
 RT: 15.84 min Scan# 2136
 Delta R.T. 0.26 min
 Lab File: BG033676.D
 Acq: 9 Apr 2018 12:15

Tgt Ion:184 Resp: 83
 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

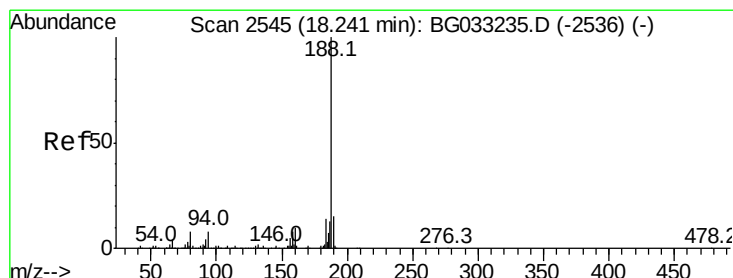
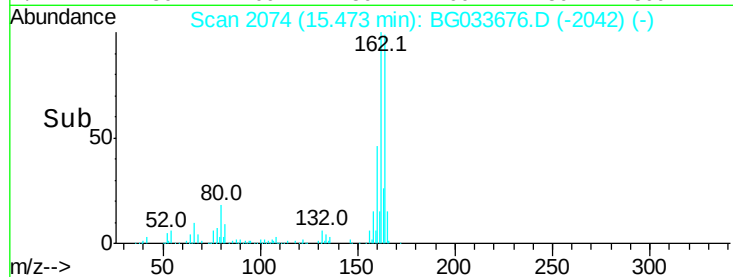
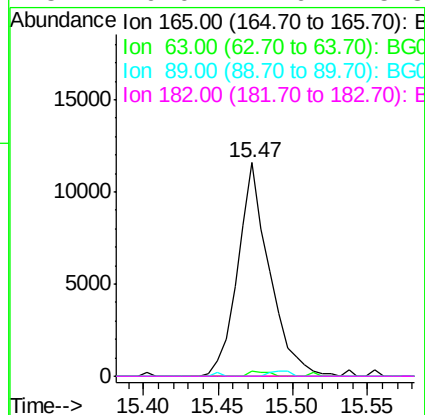
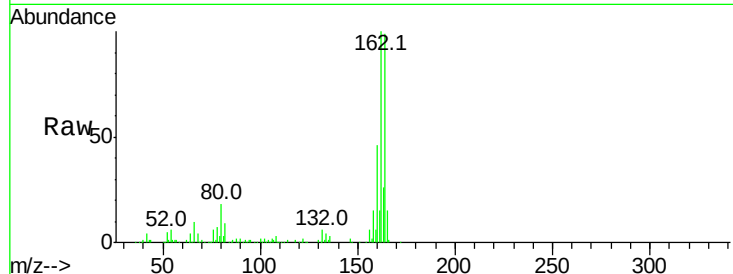




#56
 2,4-Dinitrotoluene
 Concen: 5.074 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033676.D
 Acq: 9 Apr 2018 12:15

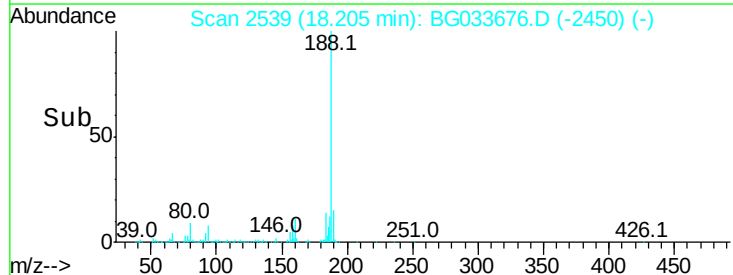
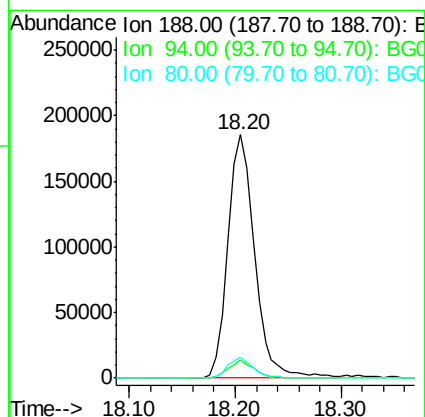
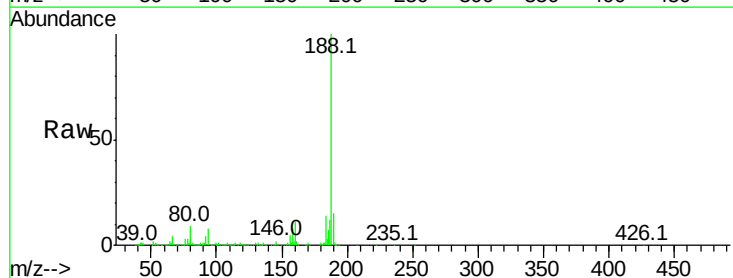
Instrument :
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 ClientSampleId :

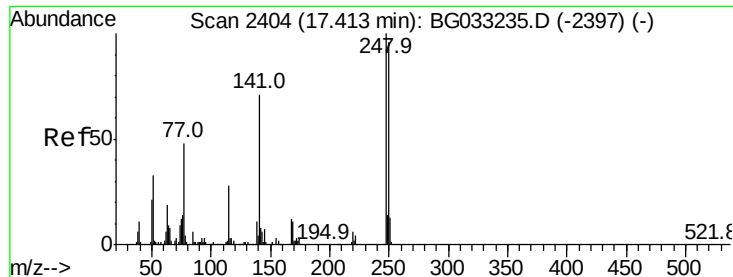
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033676.D
 Acq: 9 Apr 2018 12:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.7	7.7	11.5

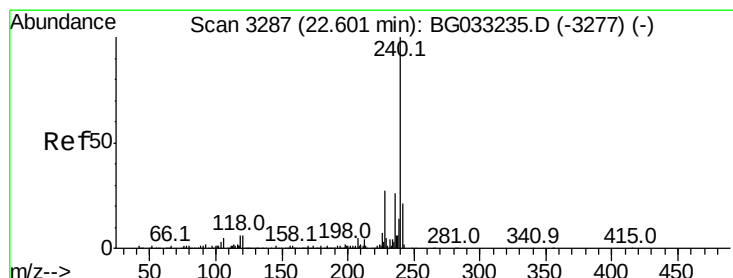
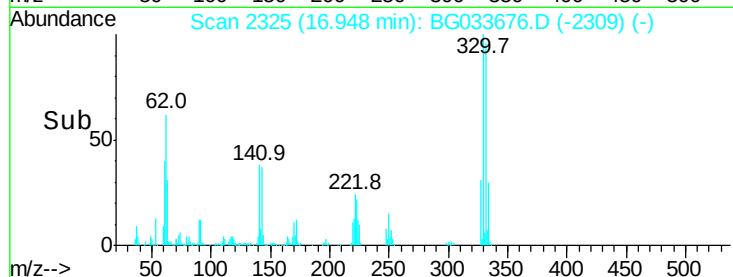
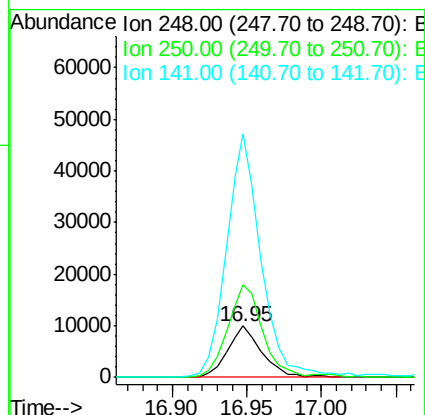
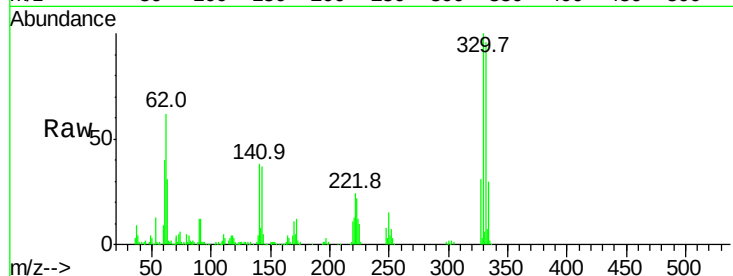




#66
4-Bromophenyl-phenylether
Concen: 4.091 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033676.D
Acq: 9 Apr 2018 12:15

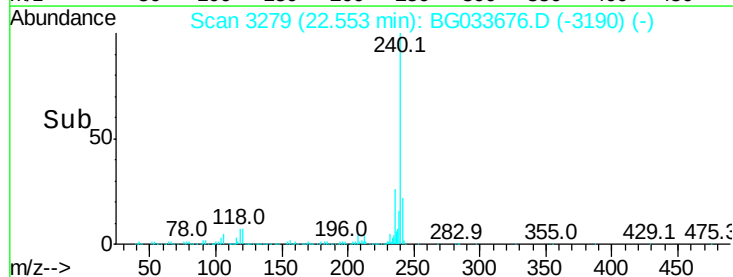
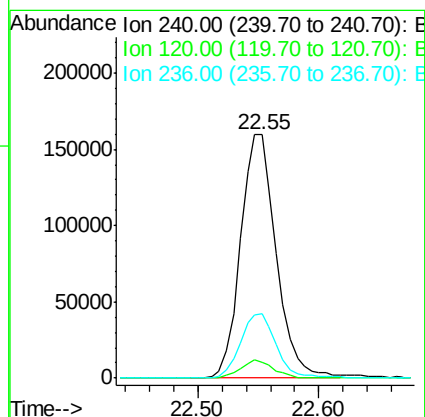
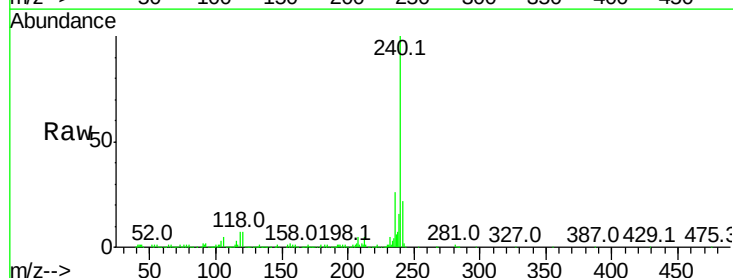
Instrument :
BNA_G
ClientSampleId :

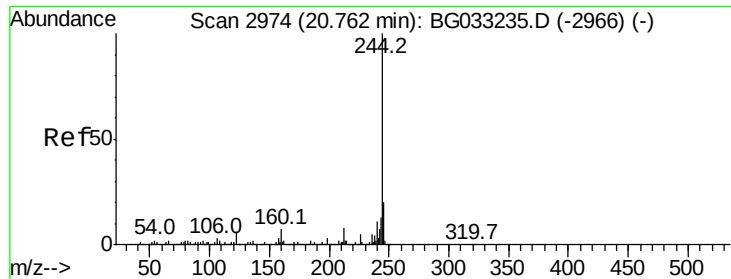
Tot Ion:248 Resp: 15672
Ion Ratio Lower Upper
248 100
250 180.6 77.1 115.7#
141 477.3 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033676.D
Acq: 9 Apr 2018 12:15

Tgt Ion:240 Resp: 327530
Ion Ratio Lower Upper
240 100
120 6.5 6.8 10.2#
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 76.413 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033676.D

Acq: 9 Apr 2018 12:15

Instrument :

BNA_G

ClientSampled :

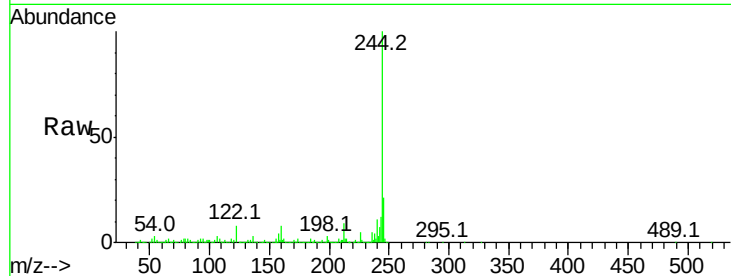
Tot Ion:244 Resp: 1170268

Ion Ratio Lower Upper

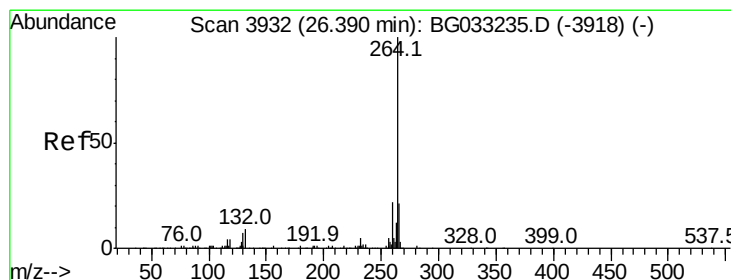
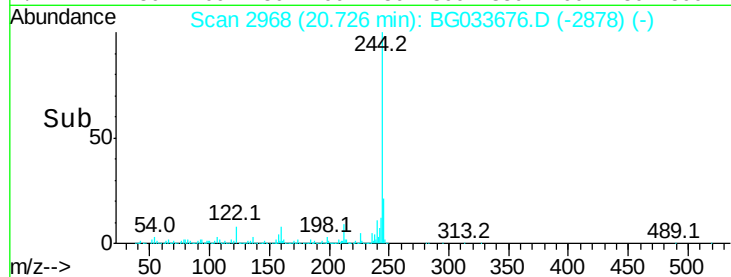
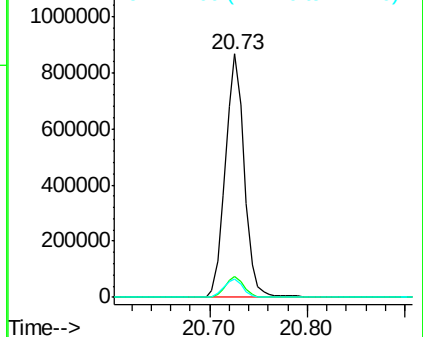
244 100

212 8.7 5.8 8.8

122 7.6 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: 26.31 min Scan# 3918

Delta R.T. -0.01 min

Lab File: BG033676.D

Acq: 9 Apr 2018 12:15

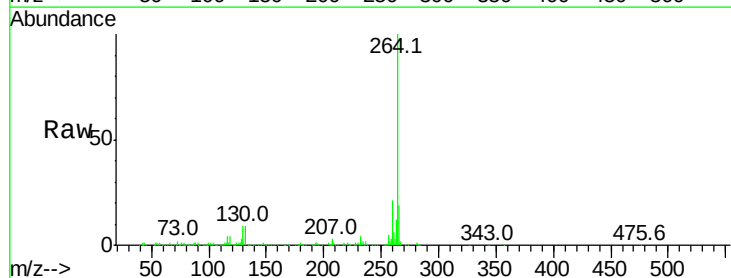
Tgt Ion:264 Resp: 354141

Ion Ratio Lower Upper

264 100

260 21.4 17.4 26.0

265 19.3 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

