

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033596.D
 Acq On : 5 Apr 2018 17:18
 Operator : SJ/JU
 Sample : J2185-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 17:58:19 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

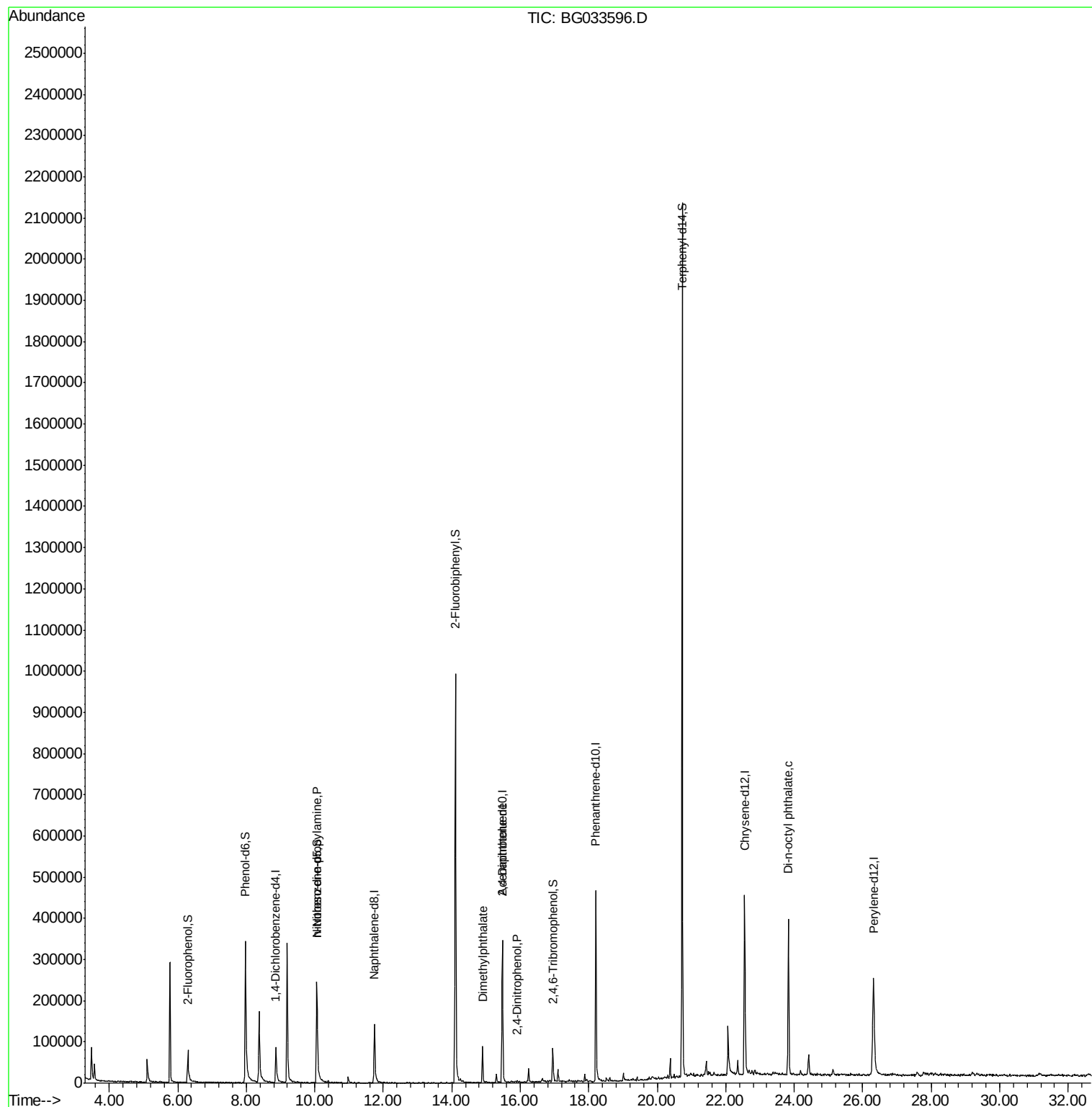
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32655	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	155916	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	132540	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	327720	20.00	ng	0.00
75) Chrysene-d12	22.55	240	328253	20.00	ng	0.00
86) Perylene-d12	26.31	264	337459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	43367	24.90	ng	0.00
7) Phenol-d6	7.97	99	264507	88.40	ng	0.00
23) Nitrobenzene-d5	10.06	82	211419	62.30	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	17601	8.88	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	579992	63.17	ng	0.00
78) Terphenyl-d14	20.73	244	1047438	68.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	26619	12.140	ng	# 76
49) Dimethylphthalate	14.90	163	59835	5.187	ng	# 96
53) 2,4-Dinitrophenol	15.90	184	71	7.695	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	17469	5.030	ng	# 16
84) Di-n-octyl phthalate	23.83	149	74464	4.367	ng	# 48

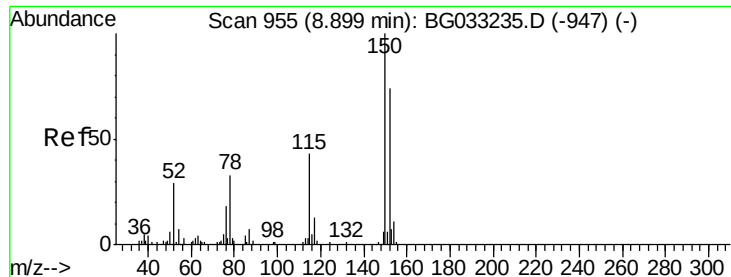
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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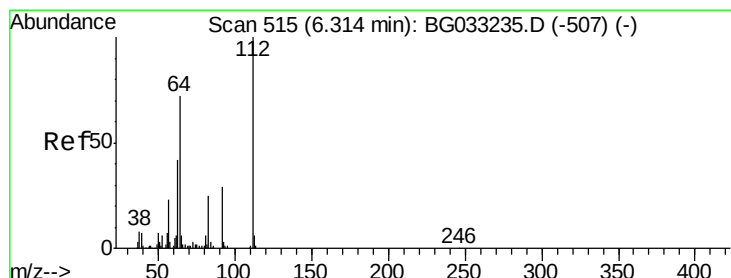
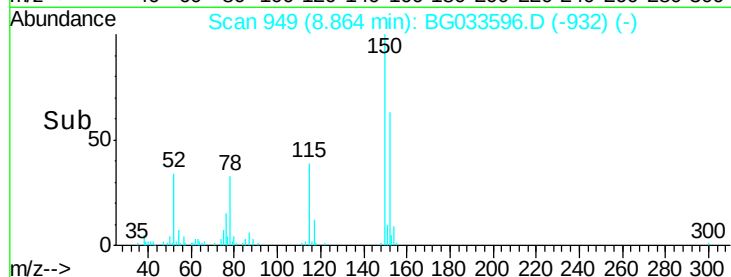
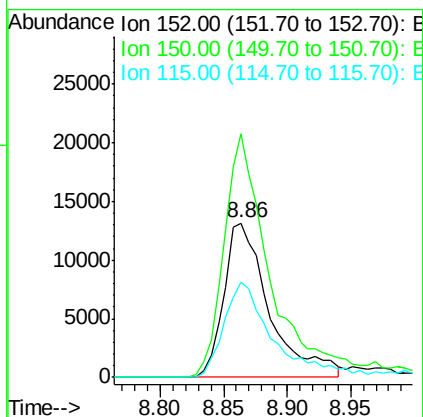
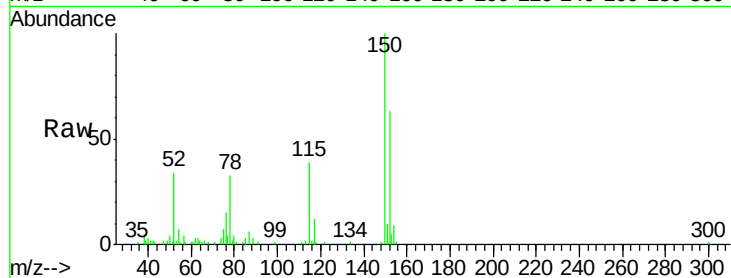


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033596.D
Acq: 5 Apr 2018 17:18

Instrument :
BNA_G
ClientSampleId :

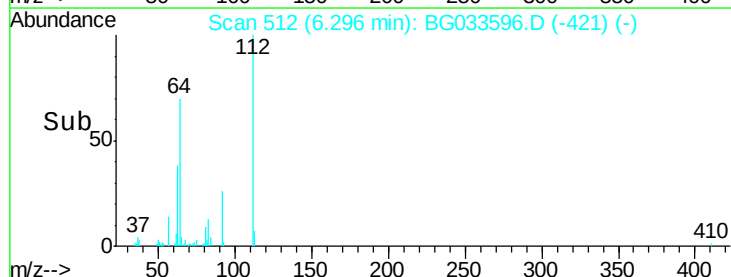
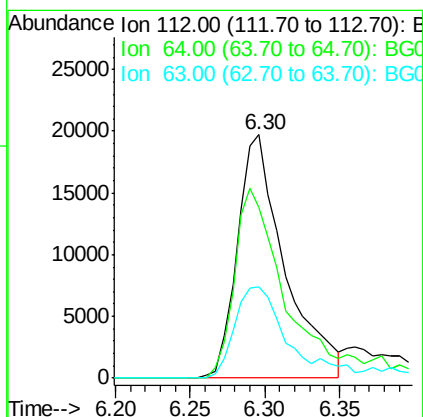
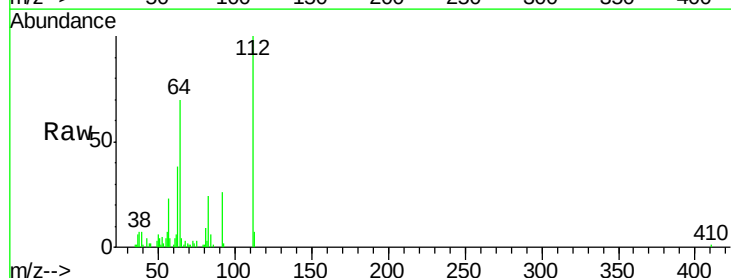
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	189.8
115	61.2	53.0	79.4

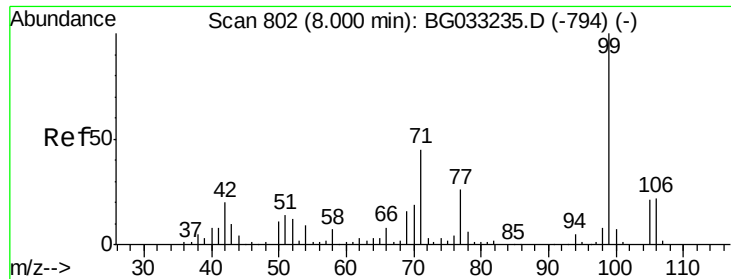


#5

2-Fluorophenol
Concen: 24.902 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033596.D
Acq: 5 Apr 2018 17:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	56.3	84.5
63	37.5	30.1	45.1





#7

Phenol-d6

Concen: 88.398 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033596.D

Acq: 5 Apr 2018 17:18

Instrument :

BNA_G

ClientSampled :

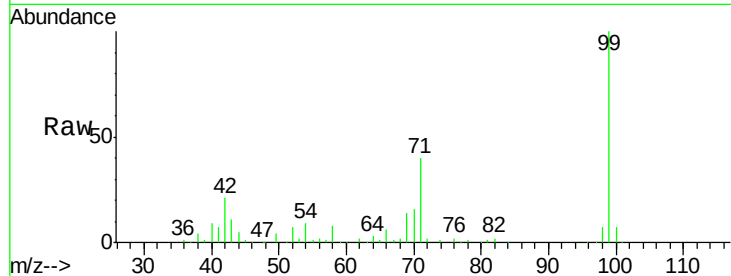
Tot Ion: 99 Resp: 264507

Ion Ratio Lower Upper

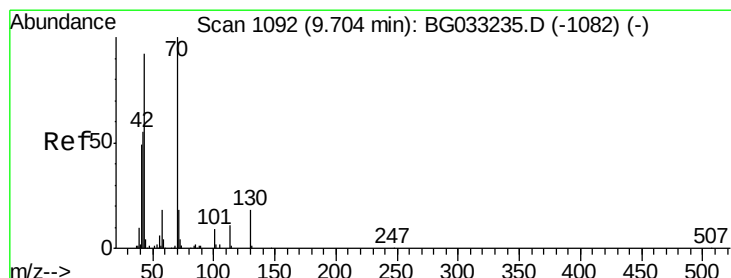
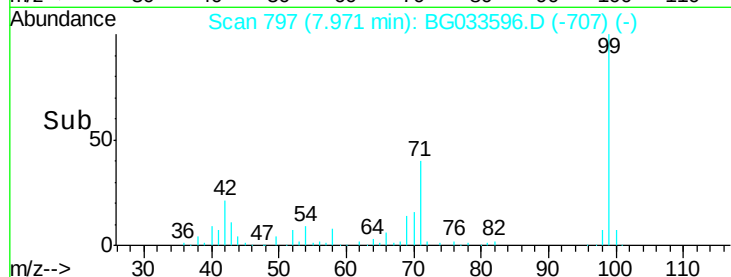
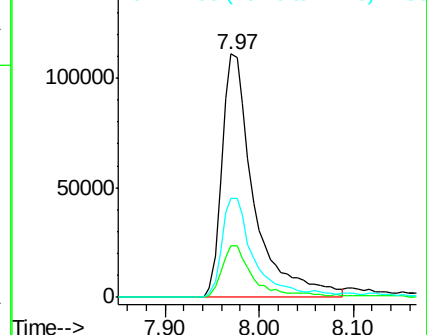
99 100

42 21.3 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: 12.140 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.40 min

Lab File: BG033596.D

Acq: 5 Apr 2018 17:18

Tgt Ion: 70 Resp: 26619

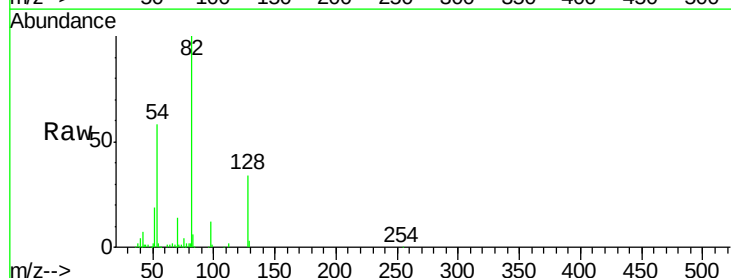
Ion Ratio Lower Upper

70 100

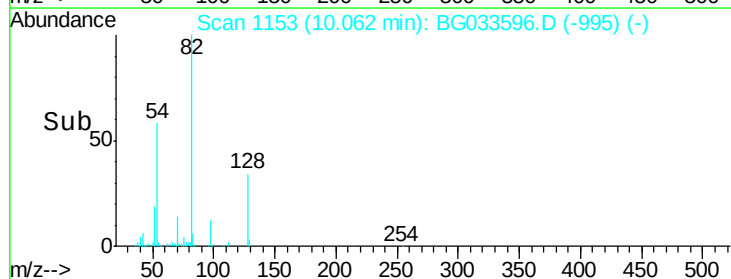
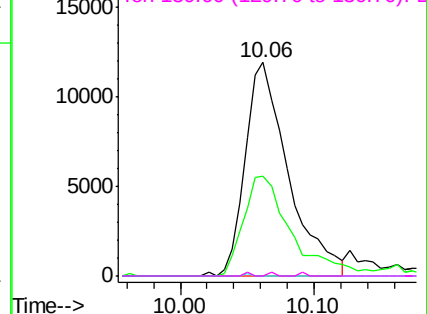
42 46.9 49.1 73.7#

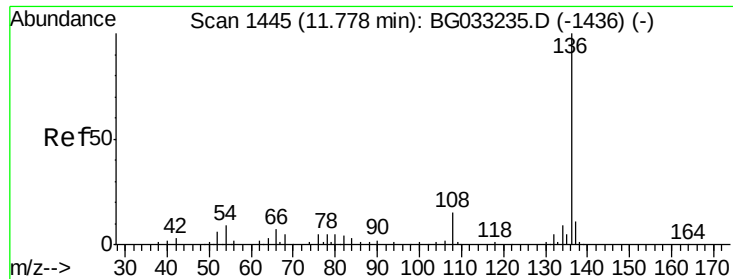
101 0.0 8.5 12.7#

130 0.0 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

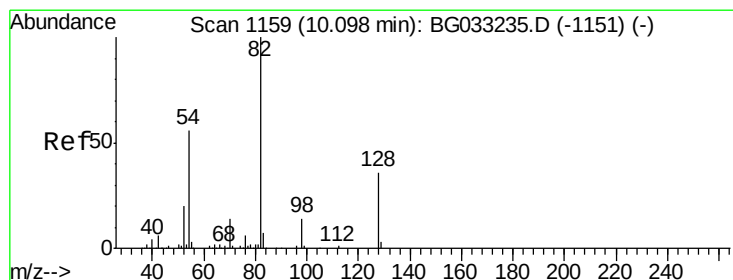
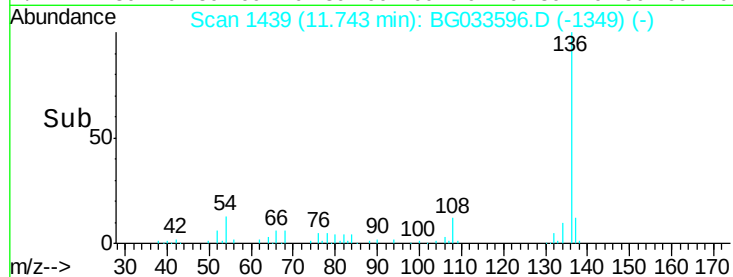
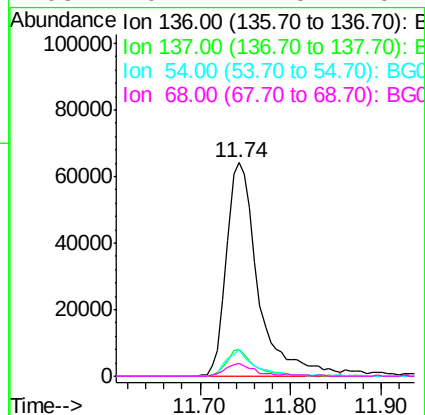
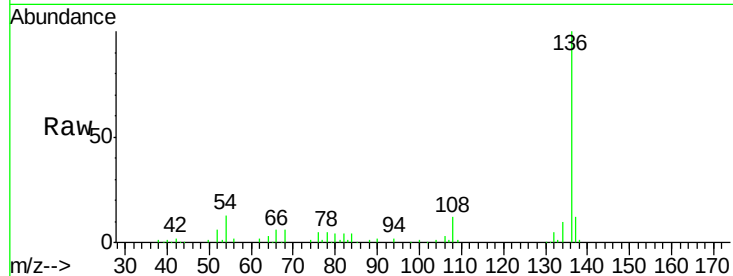




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033596.D
Acq: 5 Apr 2018 17:18

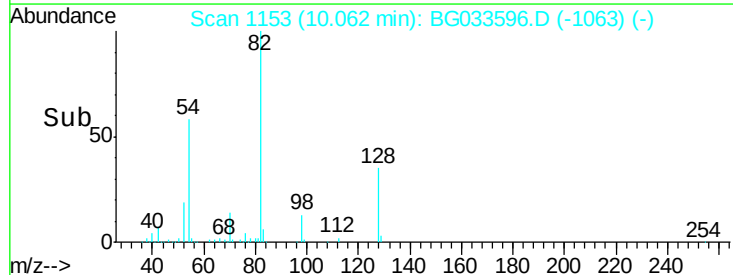
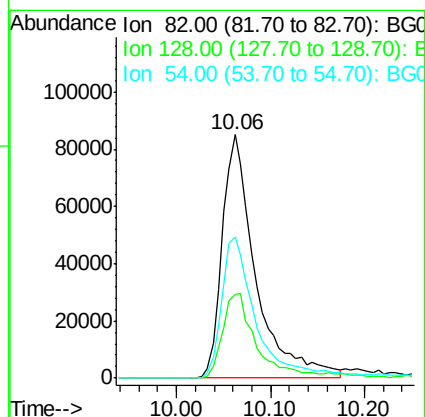
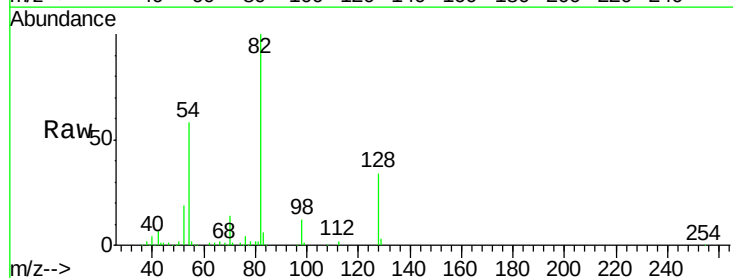
Instrument :
BNA_G
ClientSampleId :

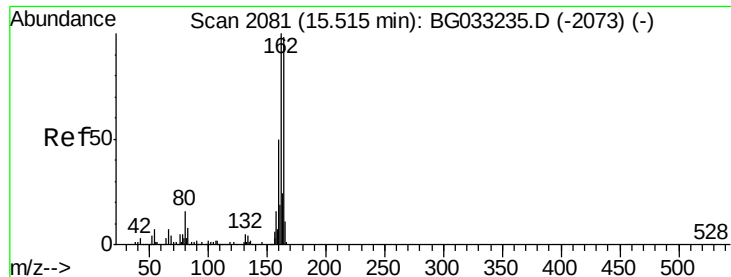
Tot Ion:136	Resp:	155916
Ion	Ratio	Lower Upper
136	100	
137	12.4	9.2 13.8
54	12.5	10.3 15.5
68	6.2	4.5 6.7



#23
Nitrobenzene-d5
Concen: 62.299 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033596.D
Acq: 5 Apr 2018 17:18

Tgt Ion: 82	Resp:	211419
Ion	Ratio	Lower Upper
82	100	
128	34.4	29.7 44.5
54	57.9	43.1 64.7

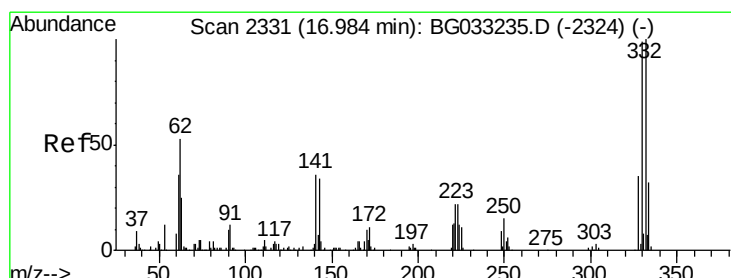
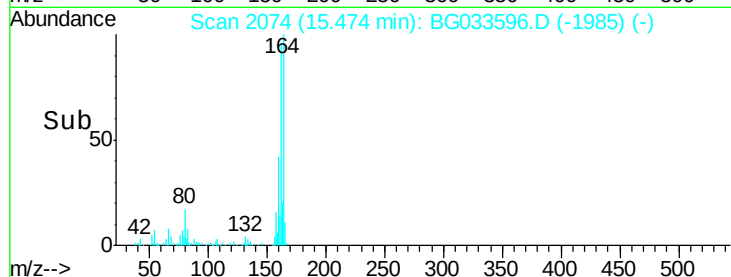
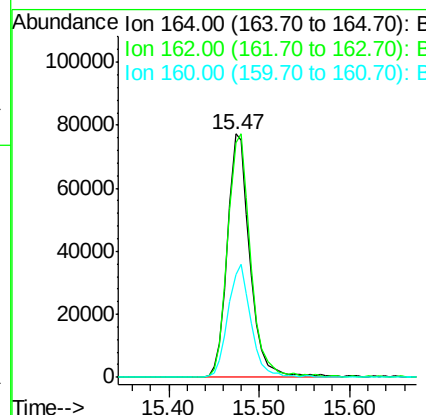
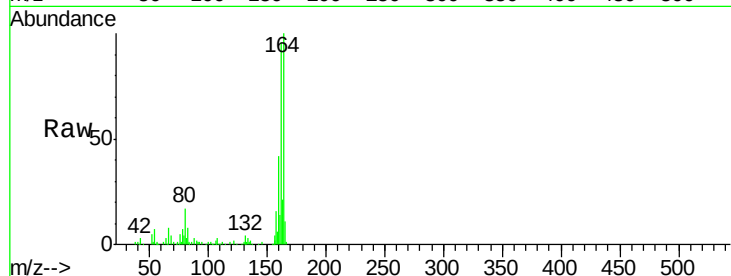




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033596.D
Acq: 5 Apr 2018 17:18

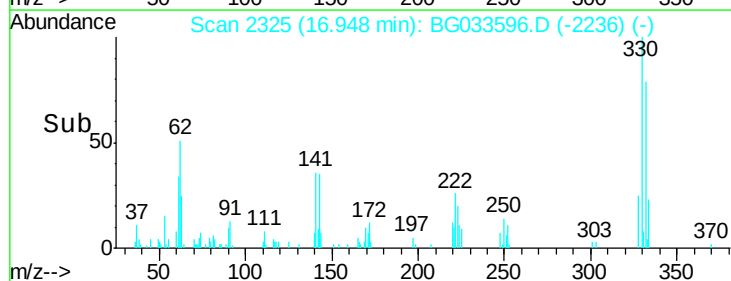
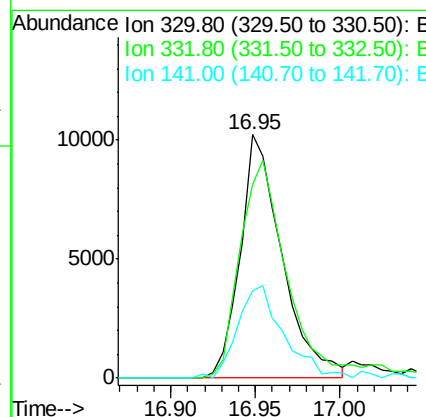
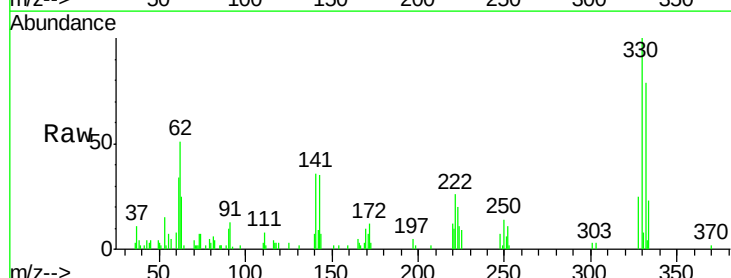
Instrument :
BNA_G
ClientSampleId :

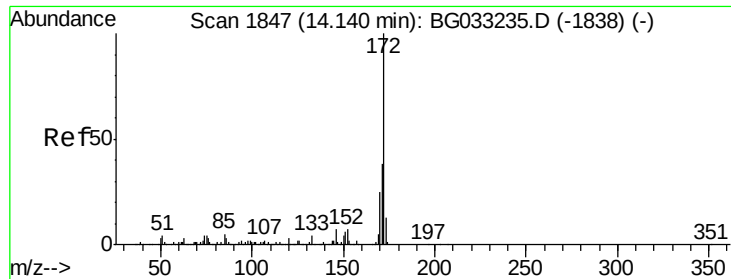
Tot Ion:164 Resp: 132540
Ion Ratio Lower Upper
164 100
162 96.4 78.8 118.2
160 42.5 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 8.879 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG033596.D
Acq: 5 Apr 2018 17:18

Tgt Ion:330 Resp: 17601
Ion Ratio Lower Upper
330 100
332 104.0 77.0 115.6
141 41.8 25.2 37.8#

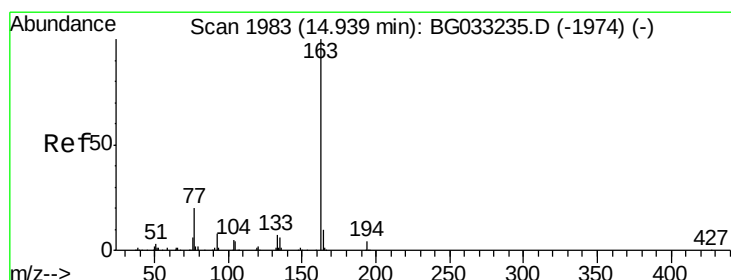
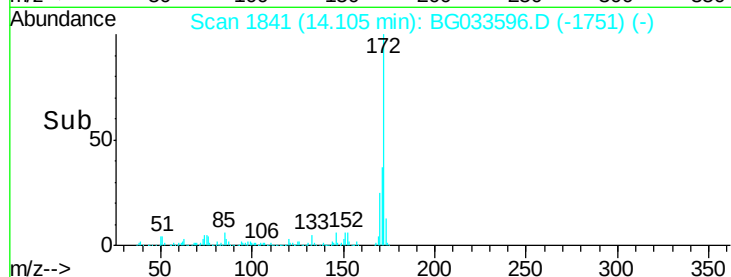
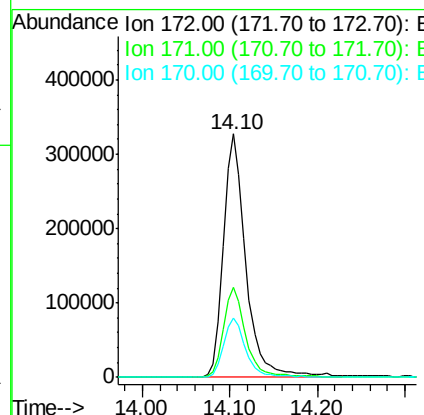
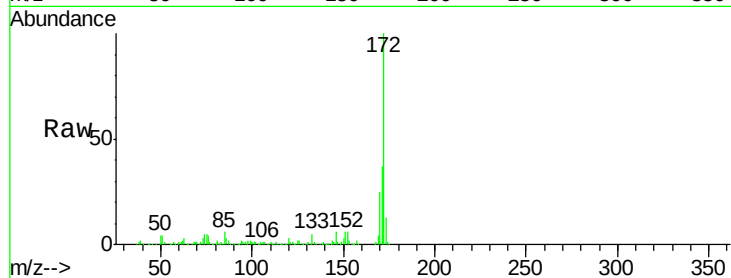




#44
2-Fluorobiphenyl
Concen: 63.173 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033596.D
Acq: 5 Apr 2018 17:18

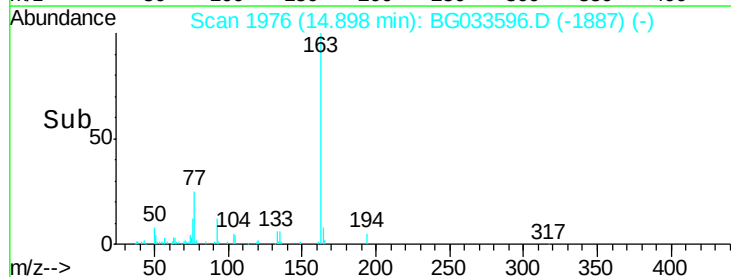
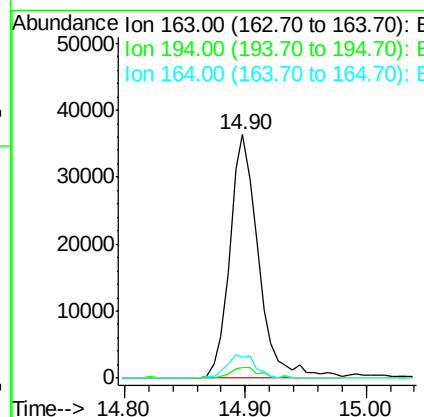
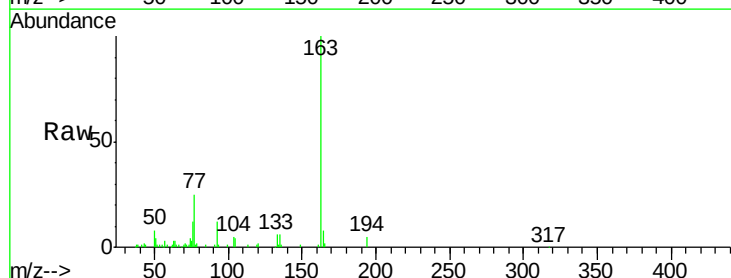
Instrument :
BNA_G
ClientSampleId :

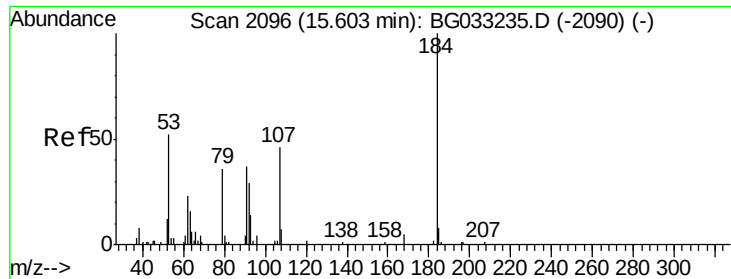
Tot Ion:172 Resp: 579992
Ion Ratio Lower Upper
172 100
171 36.8 30.0 45.0
170 24.6 19.5 29.3



#49
Dimethylphthalate
Concen: 5.187 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033596.D
Acq: 5 Apr 2018 17:18

Tgt Ion:163 Resp: 59835
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 8.4 8.2 12.4

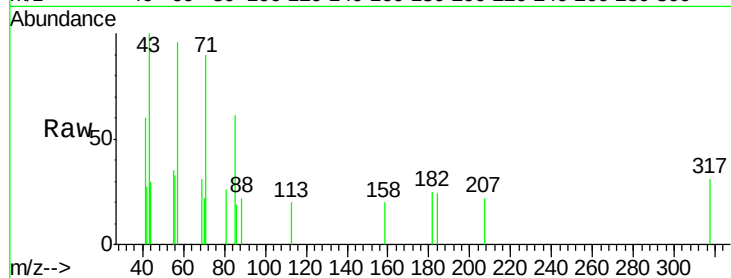




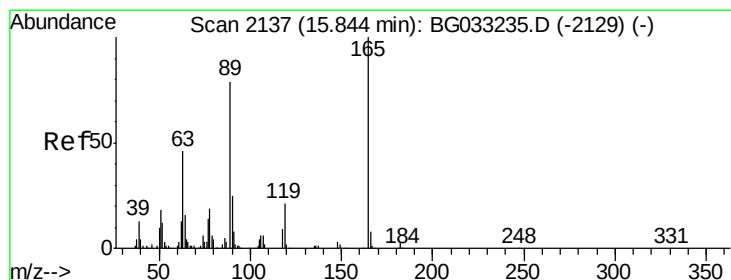
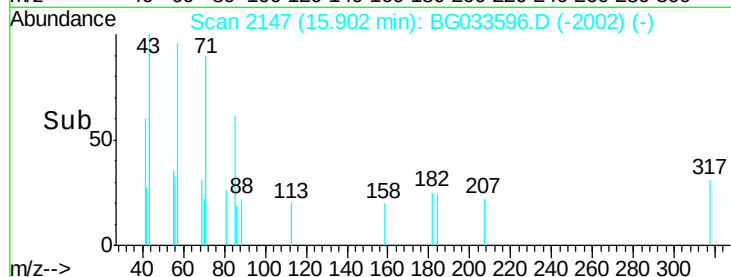
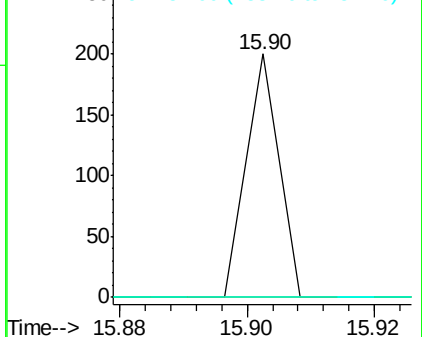
#53
2,4-Dinitrophenol
Concen: 7.695 ng
RT: 15.90 min Scan# 2147
Delta R.T. 0.32 min
Lab File: BG033596.D
Acq: 5 Apr 2018 17:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

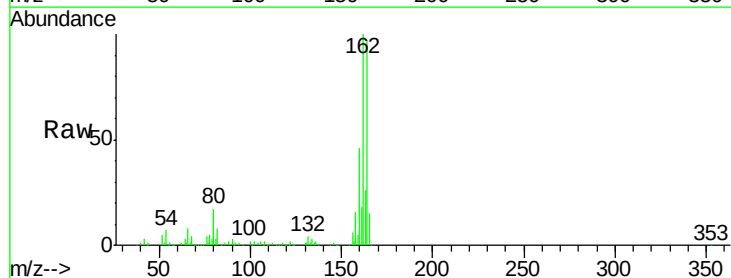


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

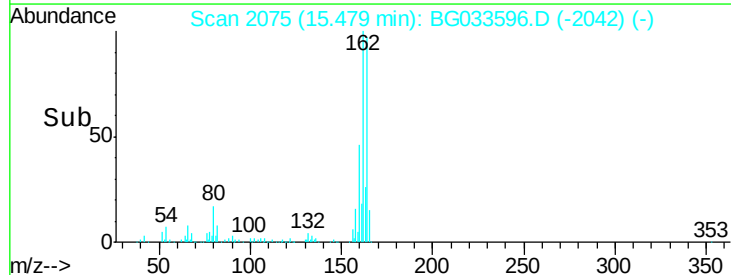
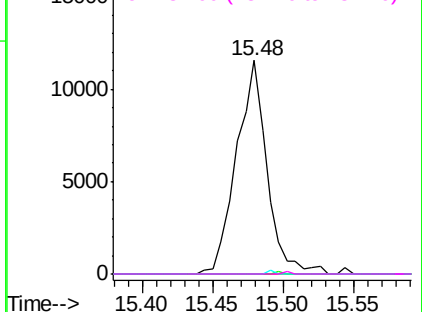


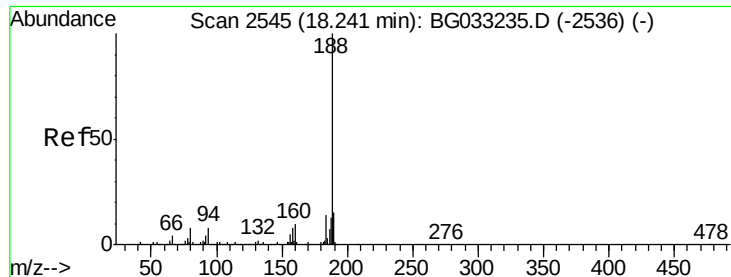
#56
2,4-Dinitrotoluene
Concen: 5.030 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.33 min
Lab File: BG033596.D
Acq: 5 Apr 2018 17:18

Tgt Ion:165 Resp: 17469
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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033596.D

Acq: 5 Apr 2018 17:18

Instrument :

BNA_G

ClientSampled :

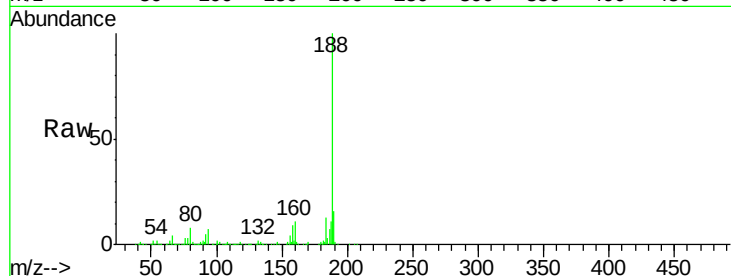
Tot Ion:188 Resp: 327720

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

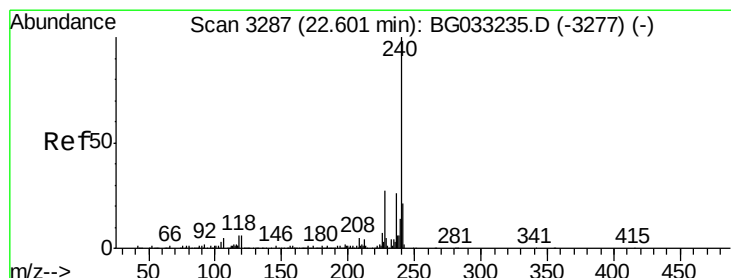
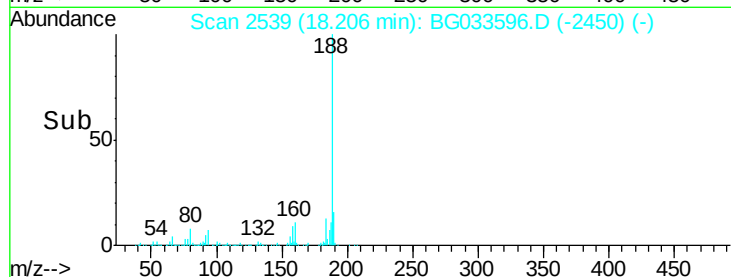
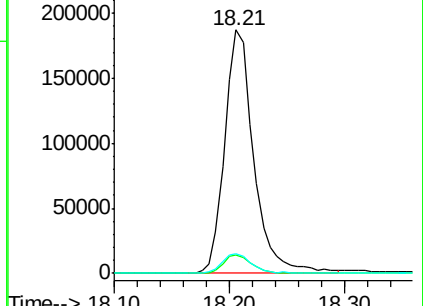
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033596.D

Acq: 5 Apr 2018 17:18

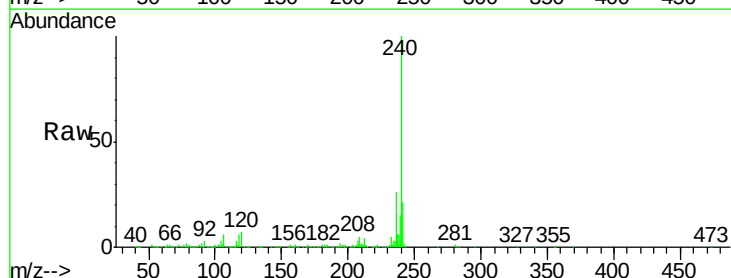
Tgt Ion:240 Resp: 328253

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

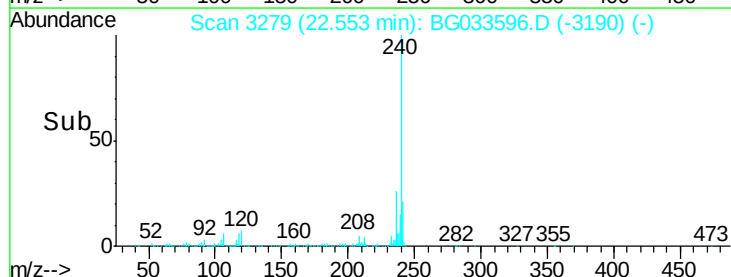
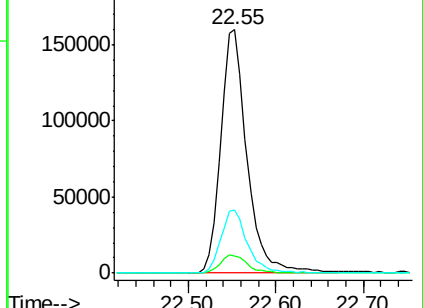
236 25.7 20.9 31.3

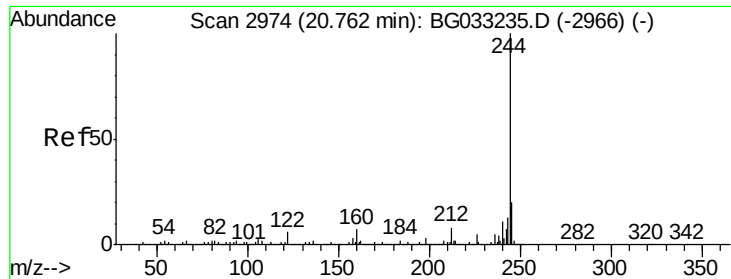


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.242 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033596.D

Acq: 5 Apr 2018 17:18

Instrument :

BNA_G

ClientSampleId :

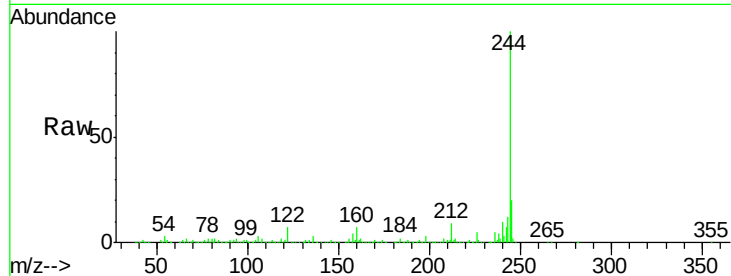
Tot Ion:244 Resp: 1047438

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

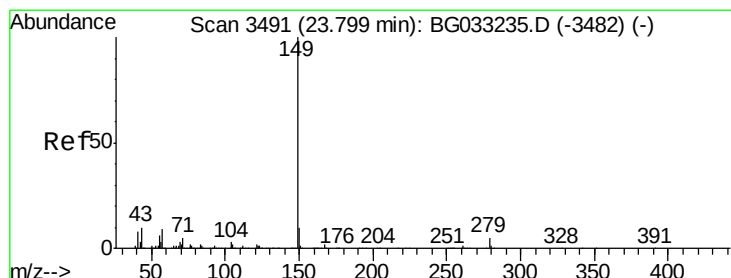
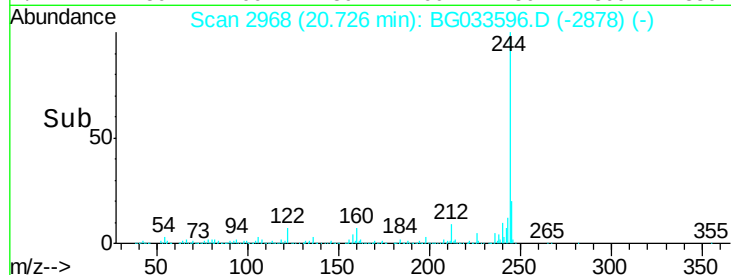
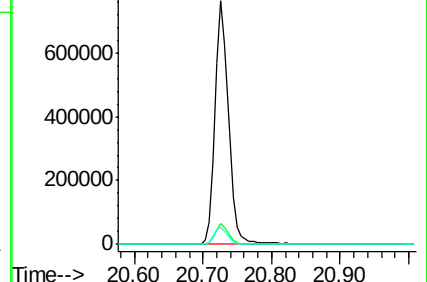
122 7.1 7.0 10.4



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



#84

Di-n-octyl phthalate

Concen: 4.367 ng

RT: 23.83 min Scan# 3496

Delta R.T. 0.08 min

Lab File: BG033596.D

Acq: 5 Apr 2018 17:18

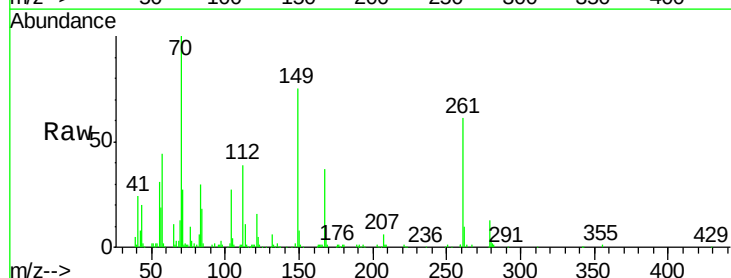
Tgt Ion:149 Resp: 74464

Ion Ratio Lower Upper

149 100

167 46.7 1.4 2.0#

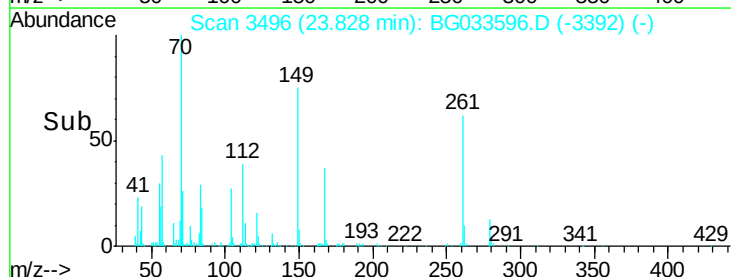
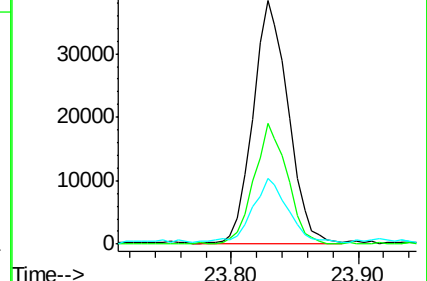
43 26.8 8.9 13.3#

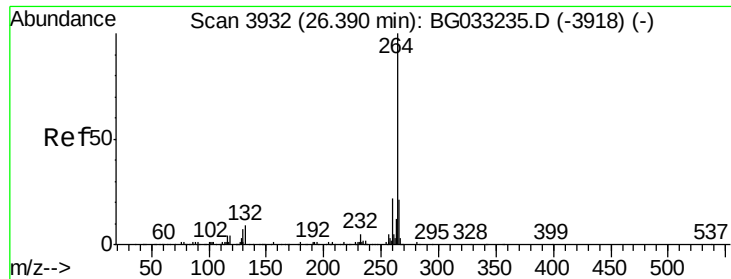


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033596.D
Acq: 5 Apr 2018 17:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	23.7	17.7	26.5

