

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033519.D
 Acq On : 3 Apr 2018 10:57
 Operator : SJ/JU
 Sample : J2114-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 14:51:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

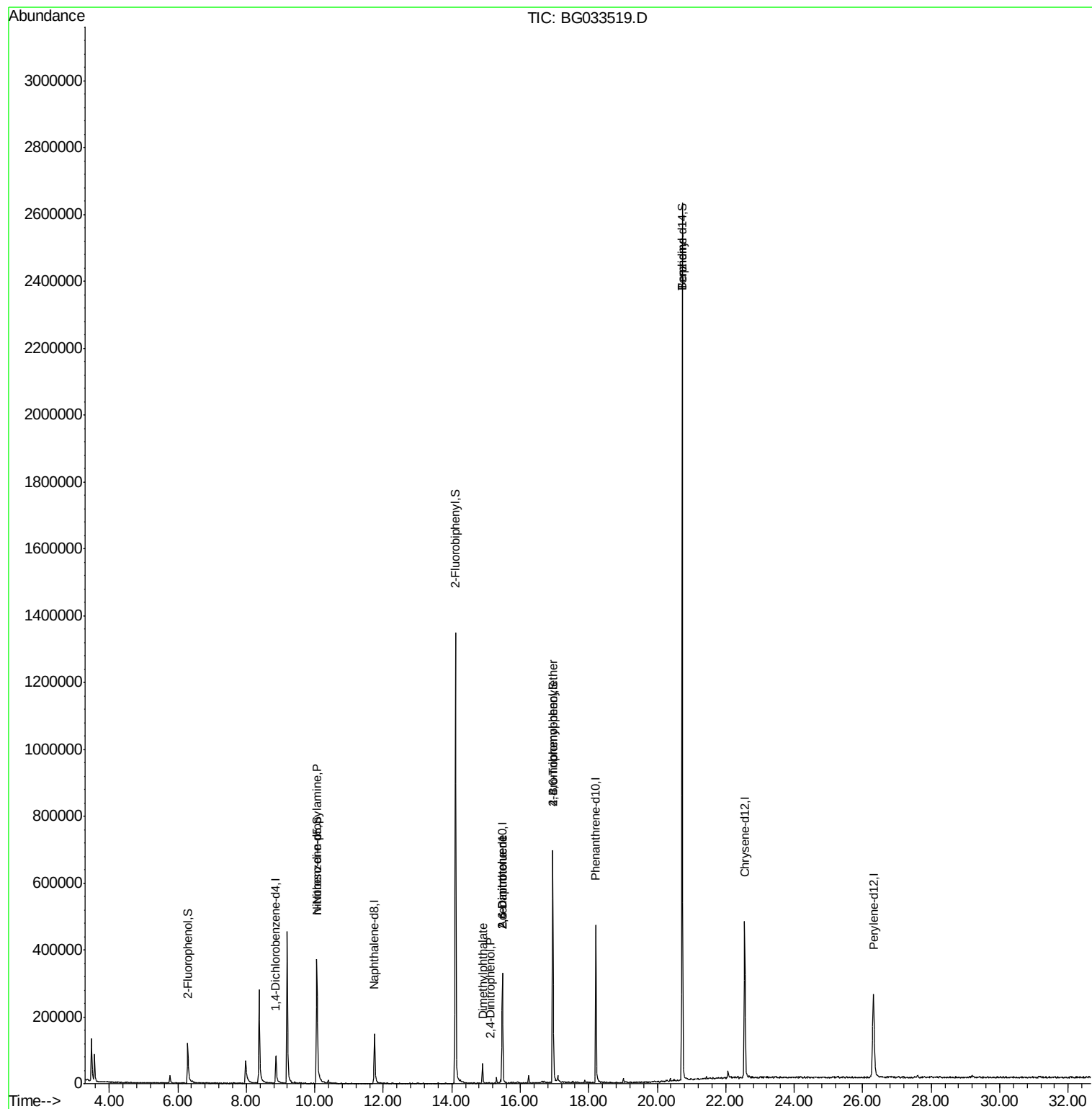
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33601	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	152538	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	124145	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	331511	20.00	ng	0.00
75) Chrysene-d12	22.55	240	339088	20.00	ng	0.00
86) Perylene-d12	26.31	264	357086	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	71766	40.05	ng	0.00
7) Phenol-d6	8.11	99	2454	0.80	ng	0.13
23) Nitrobenzene-d5	10.06	82	294672	88.75	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	150859	81.25	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	768832	89.40	ng	0.00
78) Terphenyl-d14	20.73	244	1317063	83.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	39653	17.576	ng	# 73
49) Dimethylphthalate	14.90	163	39840	3.688	ng	# 97
50) 2,6-Dinitrotoluene	15.47	165	15612	7.067	ng	# 20
53) 2,4-Dinitrophenol	15.14	184	75	7.702	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	15612	4.800	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	11612	2.983	ng	# 1
76) Benzidine	20.73	184	22755	2.475	ng	# 91

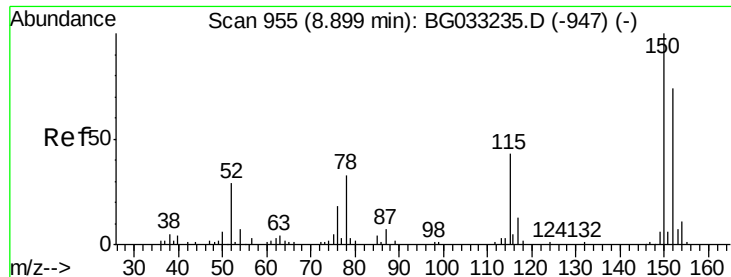
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040318\
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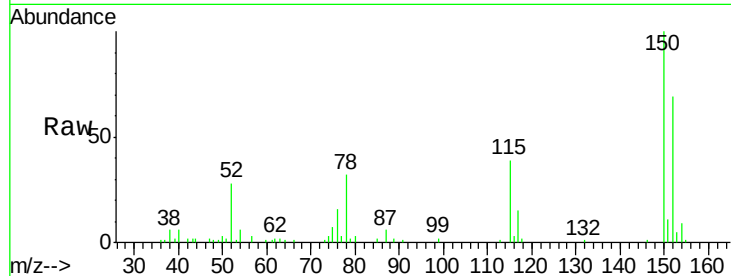


#1

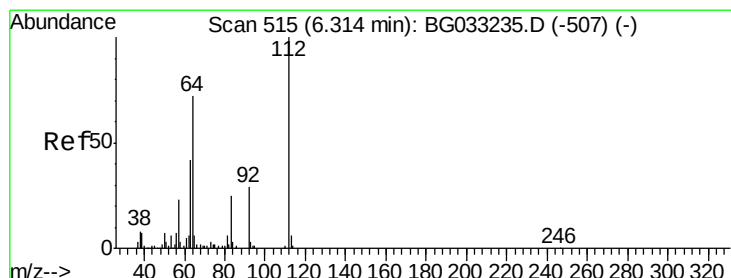
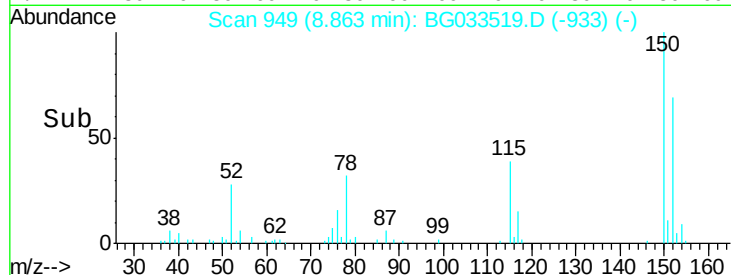
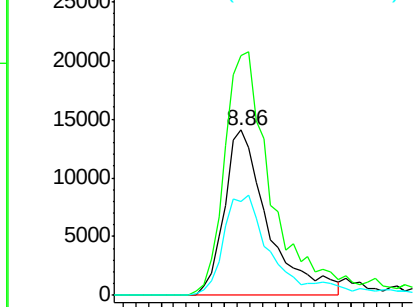
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033519.D
Acq: 3 Apr 2018 10:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33601
Ion Ratio Lower Upper
152 100
150 145.7 126.6 189.8
115 57.2 53.0 79.4



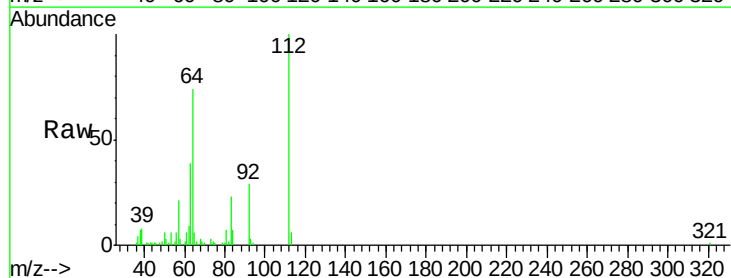
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



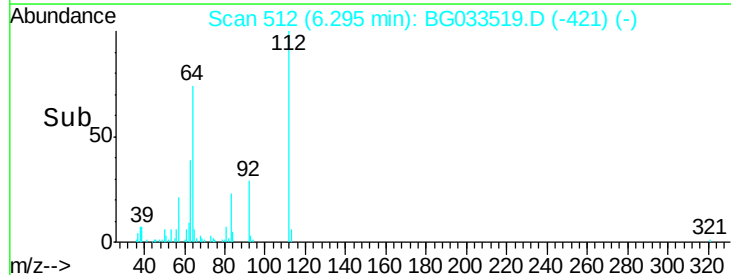
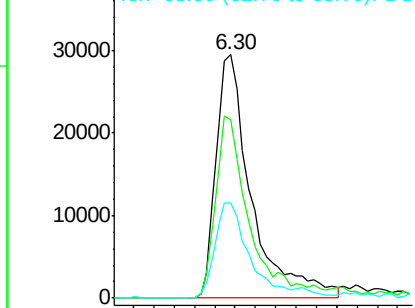
#5

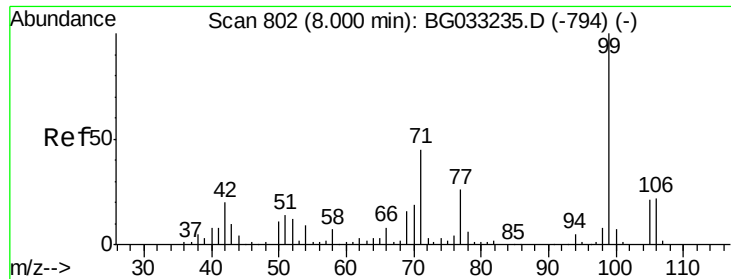
2-Fluorophenol
Concen: 40.049 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033519.D
Acq: 3 Apr 2018 10:57

Tgt Ion:112 Resp: 71766
Ion Ratio Lower Upper
112 100
64 73.5 56.3 84.5
63 39.2 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: 0.797 ng

RT: 8.11 min Scan# 821

Delta R.T. 0.13 min

Lab File: BG033519.D

Acq: 3 Apr 2018 10:57

Instrument :

BNA_G

ClientSampleId :

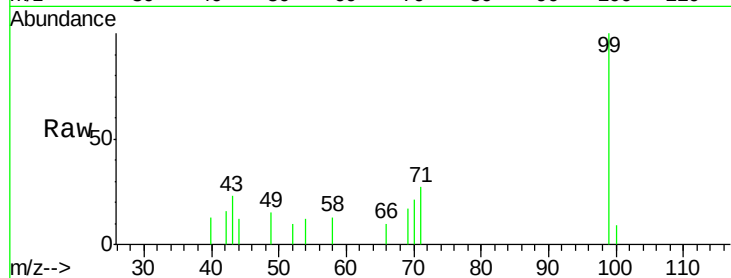
Tot Ion: 99 Resp: 2454

Ion Ratio Lower Upper

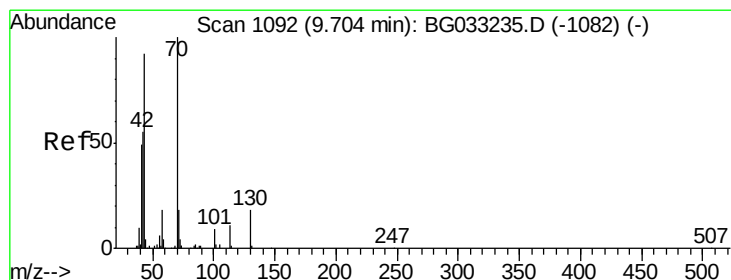
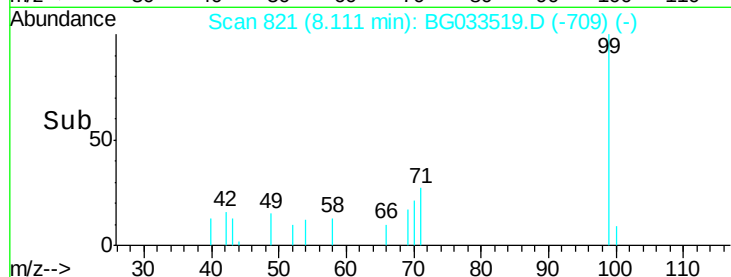
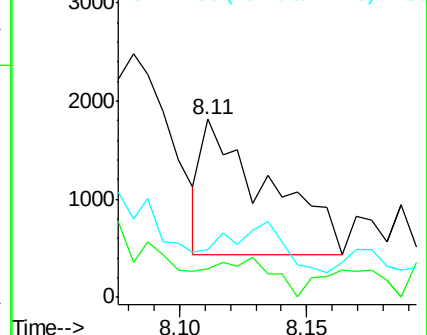
99 100

42 16.0 14.1 21.1

71 27.1 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: 17.576 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.39 min

Lab File: BG033519.D

Acq: 3 Apr 2018 10:57

Tgt Ion: 70 Resp: 39653

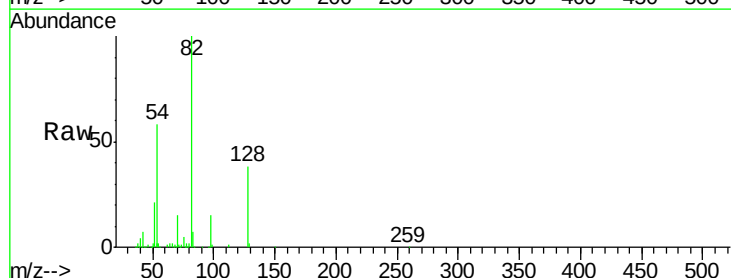
Ion Ratio Lower Upper

70 100

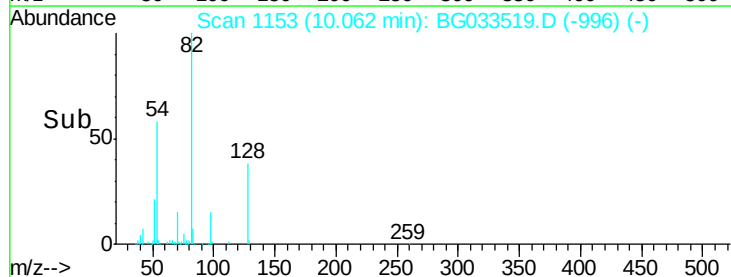
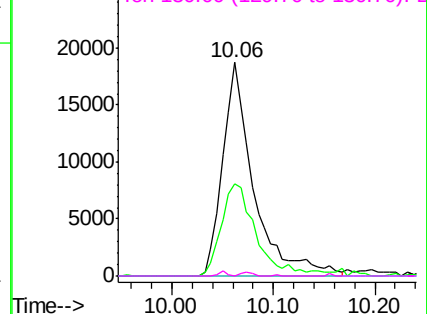
42 43.3 49.1 73.7#

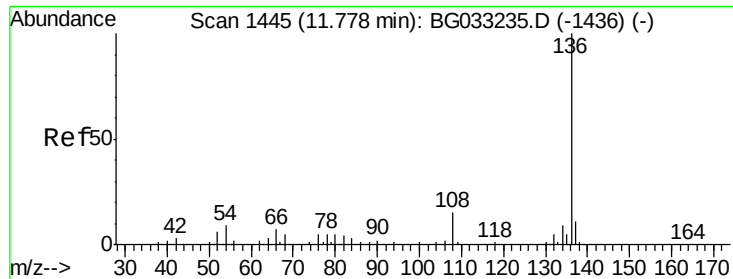
101 0.0 8.5 12.7#

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

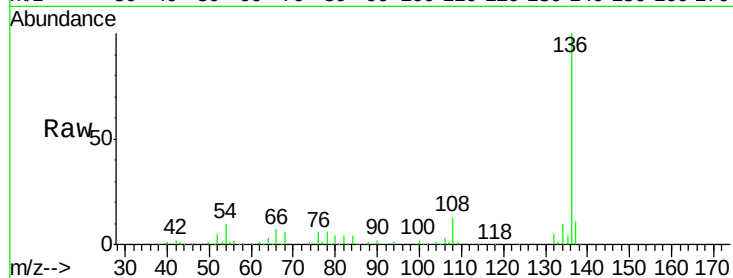




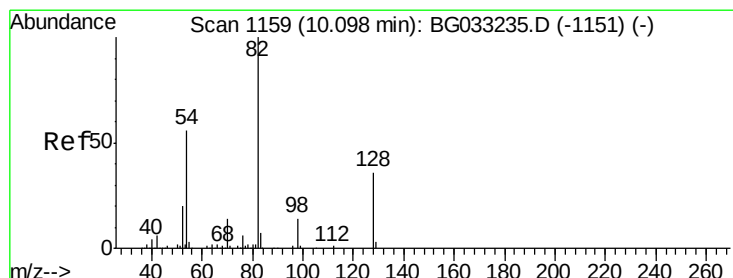
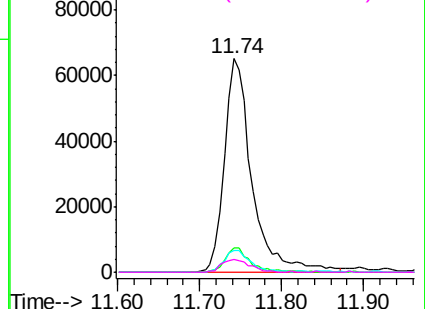
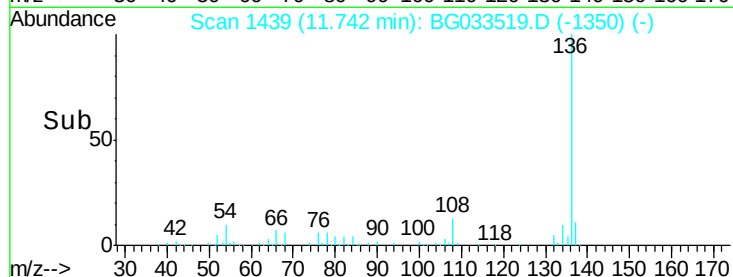
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033519.D
Acq: 3 Apr 2018 10:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	152538
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	10.1	10.3 15.5#
68	5.9	4.5 6.7

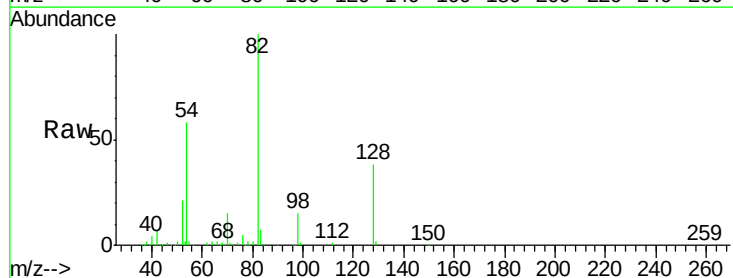


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

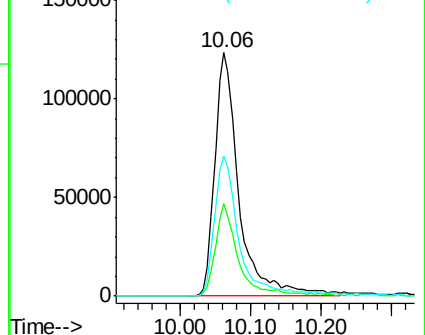
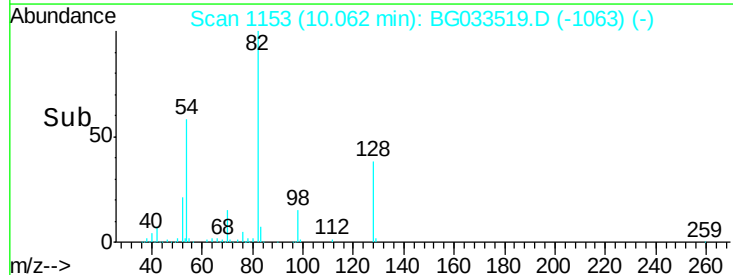


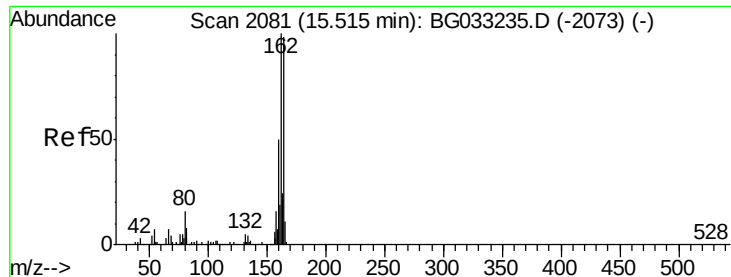
#23
Nitrobenzene-d5
Concen: 88.754 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033519.D
Acq: 3 Apr 2018 10:57

Tgt Ion: 82	Resp:	294672
Ion Ratio	Lower	Upper
82	100	
128	37.9	29.7 44.5
54	57.7	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: 15.48 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG033519.D

Acq: 3 Apr 2018 10:57

Instrument :

BNA_G

ClientSampleId :

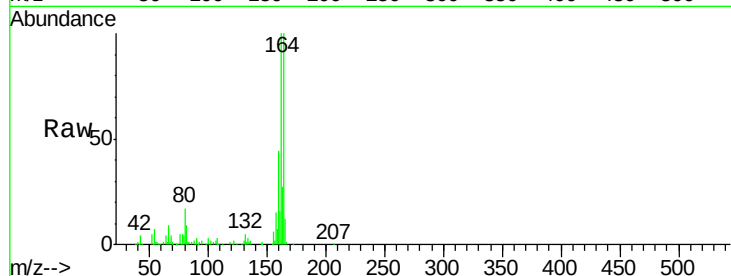
Tot Ion:164 Resp: 124145

Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

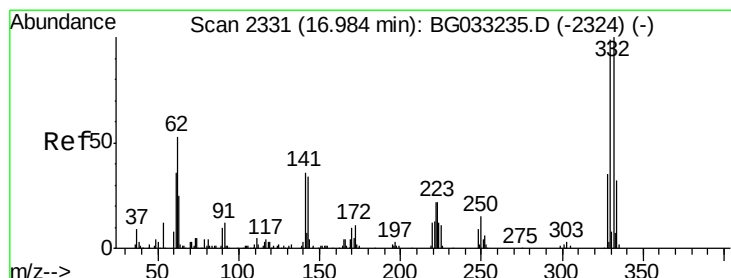
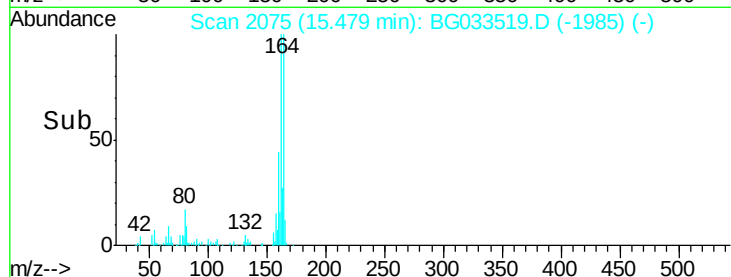
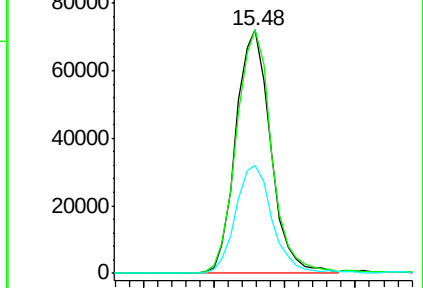
160 44.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 81.250 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033519.D

Acq: 3 Apr 2018 10:57

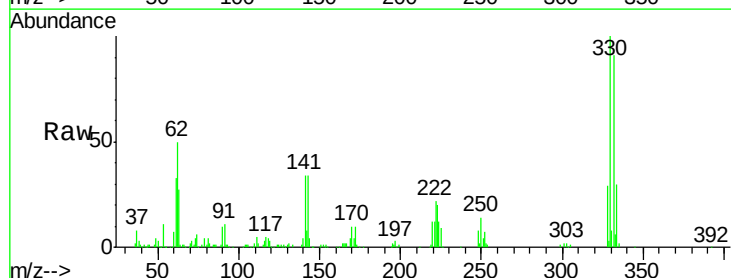
Tgt Ion:330 Resp: 150859

Ion Ratio Lower Upper

330 100

332 93.7 77.0 115.6

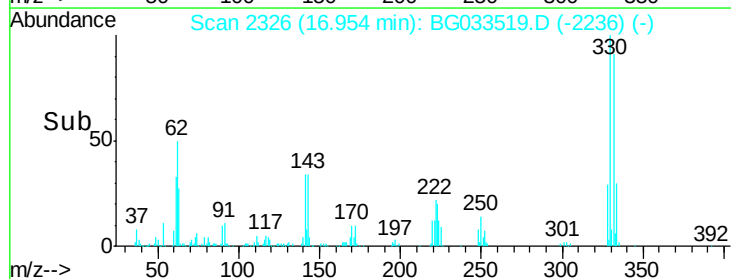
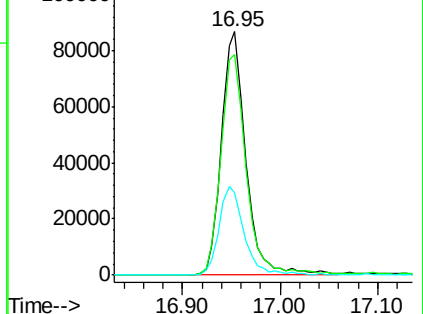
141 36.9 25.2 37.8

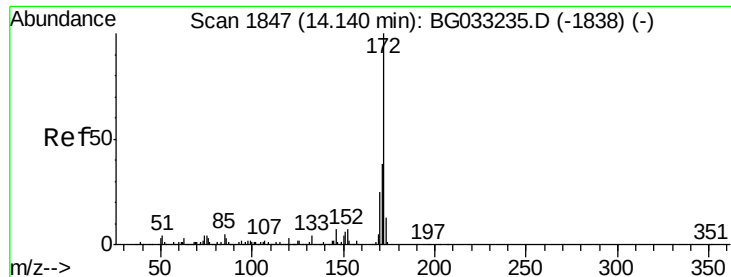


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

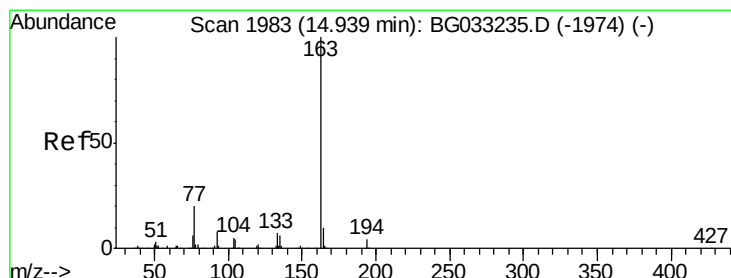
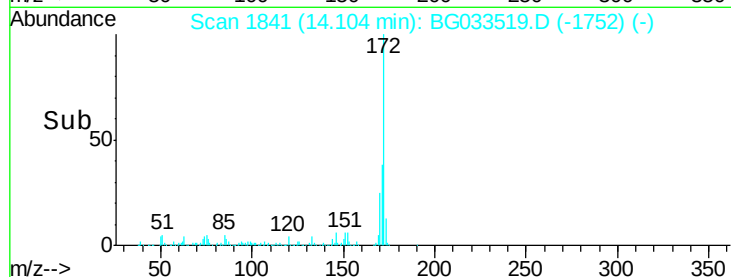
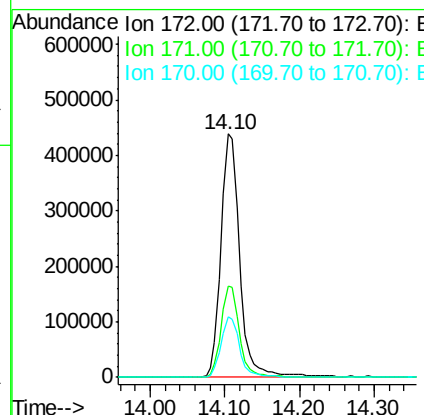
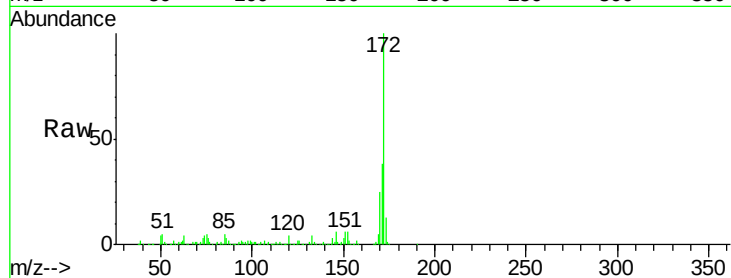




#44
2-Fluorobiphenyl
Concen: 89.405 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG033519.D
Acq: 3 Apr 2018 10:57

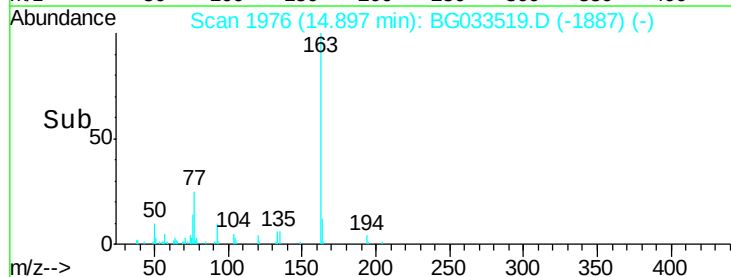
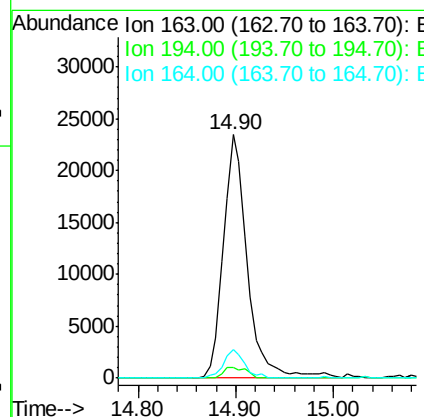
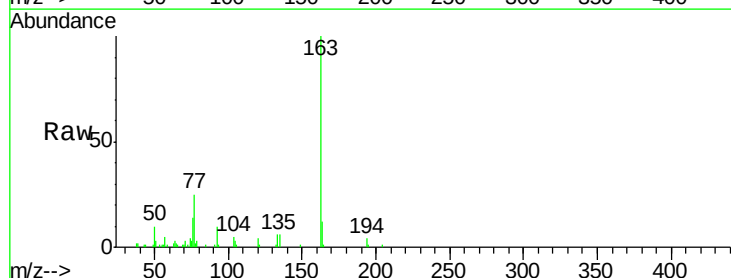
Instrument :
BNA_G
ClientSampleId :

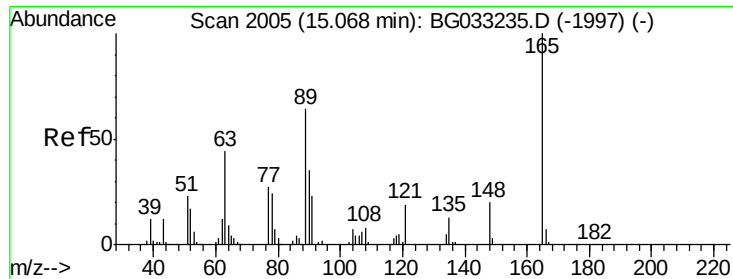
Tot Ion:172 Resp: 768832
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 24.9 19.5 29.3



#49
Dimethylphthalate
Concen: 3.688 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033519.D
Acq: 3 Apr 2018 10:57

Tgt Ion:163 Resp: 39840
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 11.7 8.2 12.4

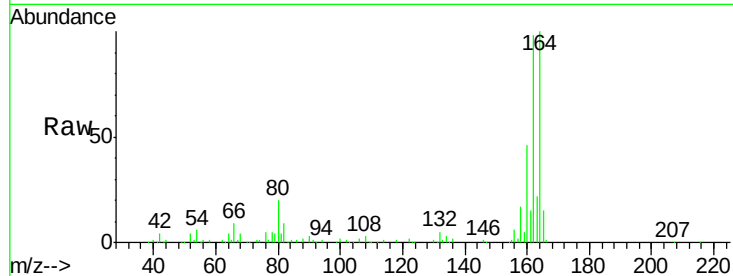




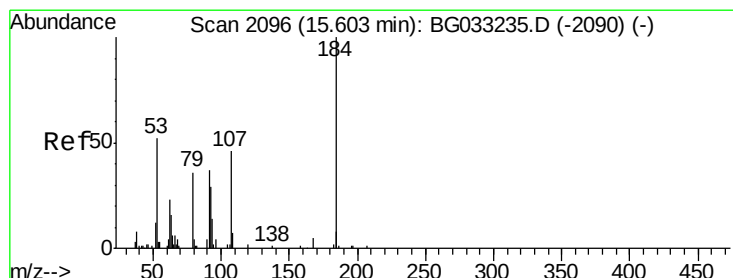
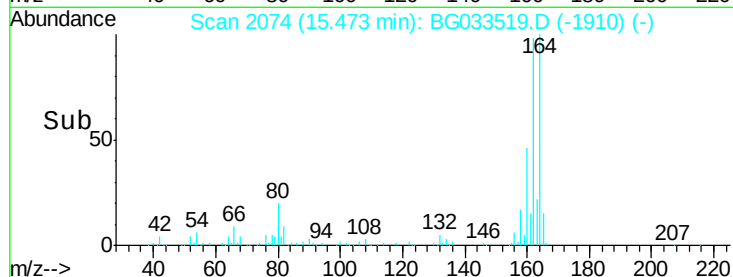
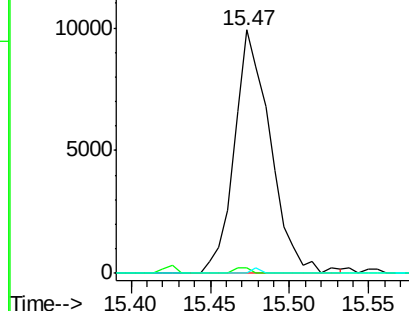
#50
 2,6-Dinitrotoluene
 Concen: 7.067 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.43 min
 Lab File: BG033519.D
 Acq: 3 Apr 2018 10:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15612
 Ion Ratio Lower Upper
 165 100
 63 2.0 52.7 79.1#
 89 0.0 49.2 73.8#

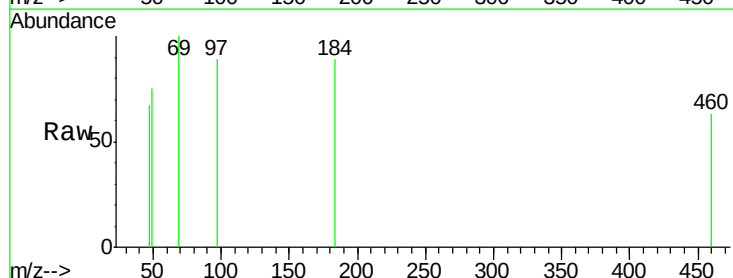


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

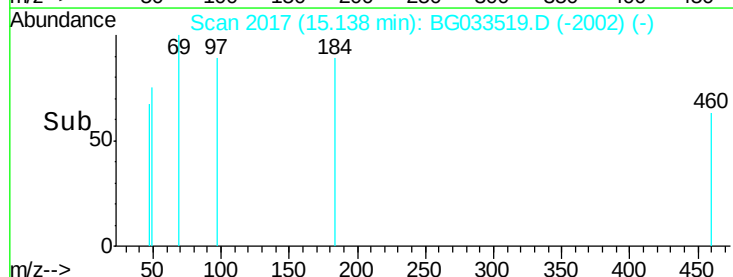
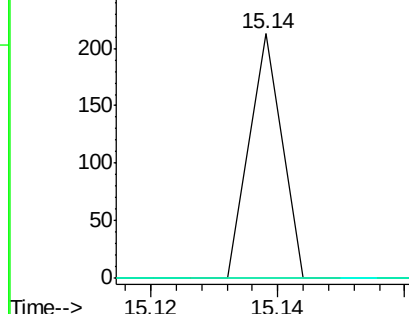


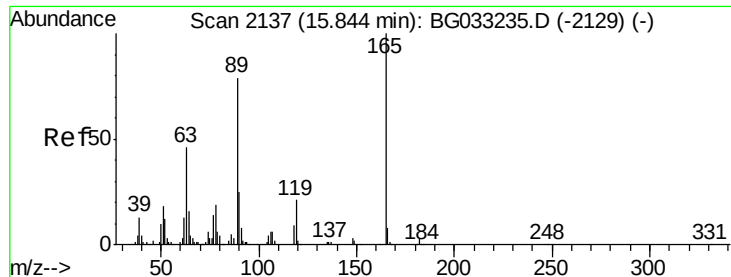
#53
 2,4-Dinitrophenol
 Concen: 7.702 ng
 RT: 15.14 min Scan# 2017
 Delta R.T. -0.44 min
 Lab File: BG033519.D
 Acq: 3 Apr 2018 10:57

Tgt Ion:184 Resp: 75
 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

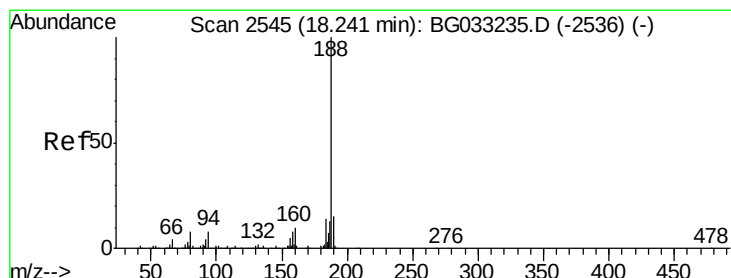
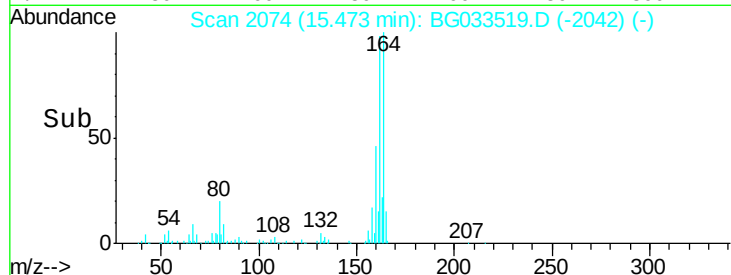
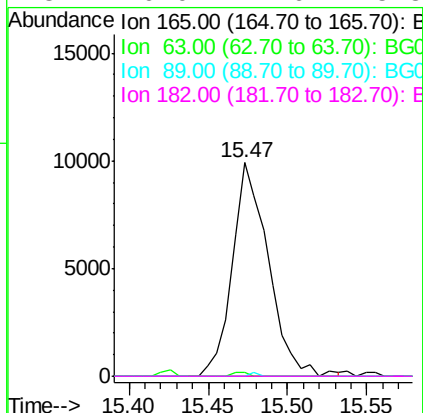
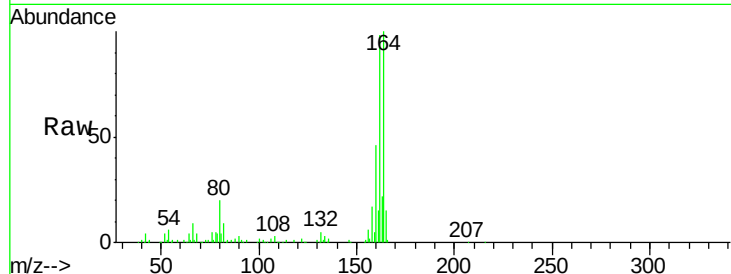




#56
 2,4-Dinitrotoluene
 Concen: 4.800 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033519.D
 Acq: 3 Apr 2018 10:57

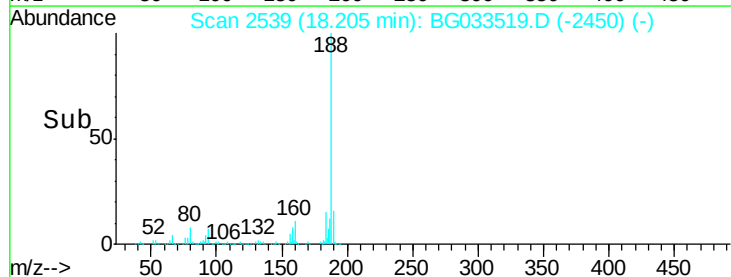
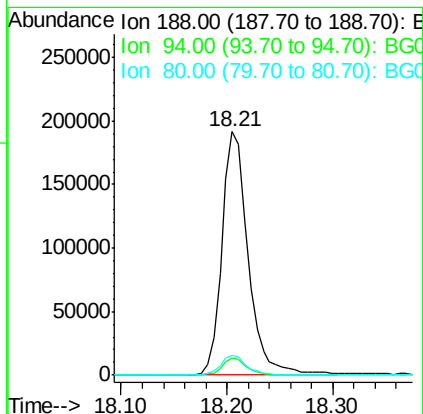
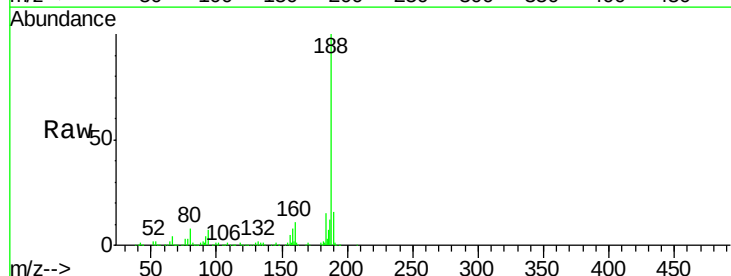
Instrument :
 BNA_G
 ClientSampleId :

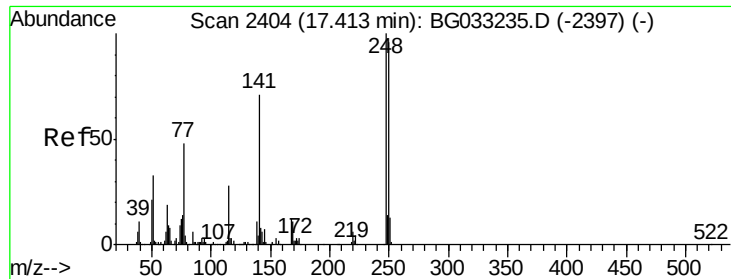
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033519.D
 Acq: 3 Apr 2018 10:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.1	7.7	11.5

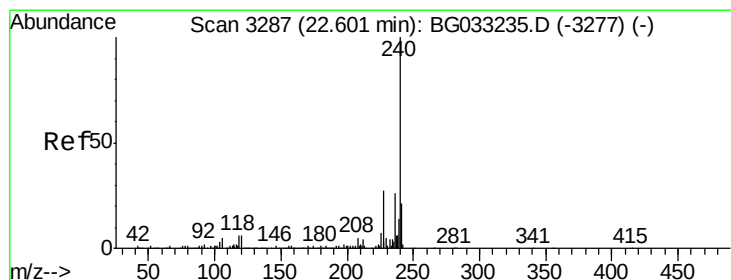
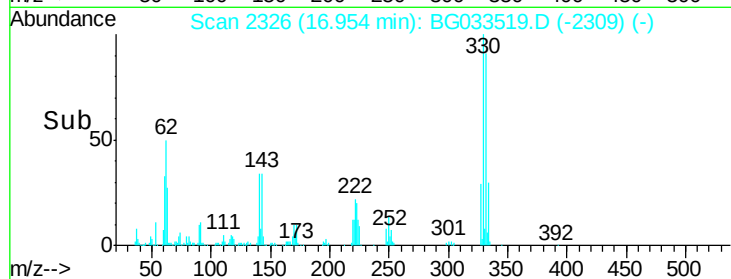
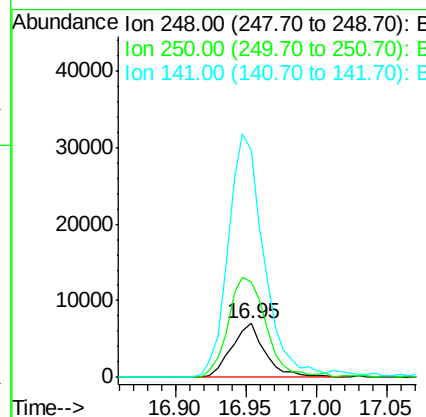
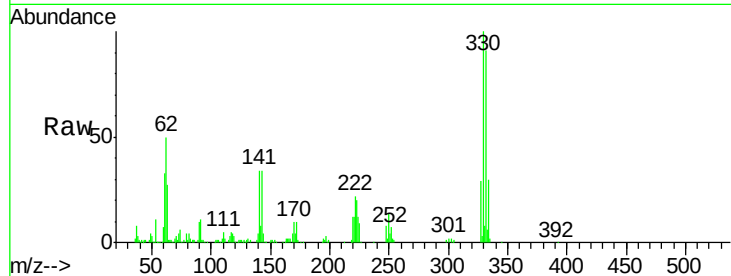




#66
4-Bromophenyl-phenylether
Concen: 2.983 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033519.D
Acq: 3 Apr 2018 10:57

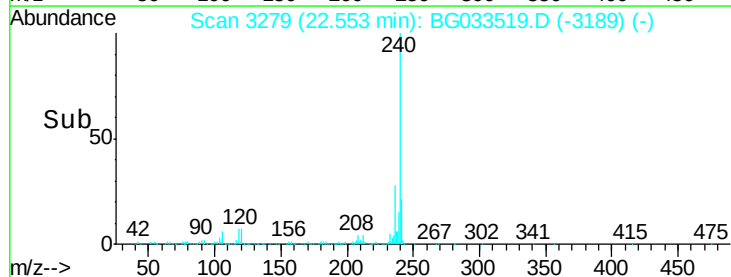
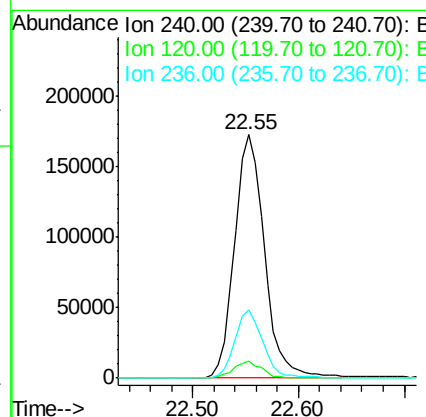
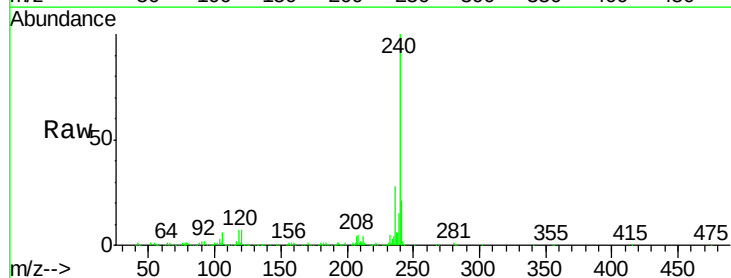
Instrument :
BNA_G
ClientSampleId :

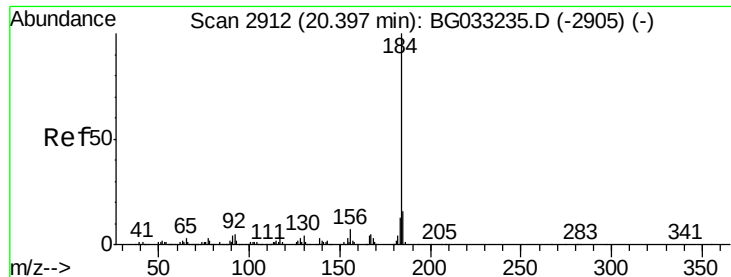
Tot Ion:248 Resp: 11612
Ion Ratio Lower Upper
248 100
250 176.9 77.1 115.7#
141 421.1 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033519.D
Acq: 3 Apr 2018 10:57

Tgt Ion:240 Resp: 339088
Ion Ratio Lower Upper
240 100
120 6.9 6.8 10.2
236 27.9 20.9 31.3





#76

Benzidine

Concen: 2.475 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033519.D

Acq: 3 Apr 2018 10:57

Instrument :

BNA_G

ClientSampleId :

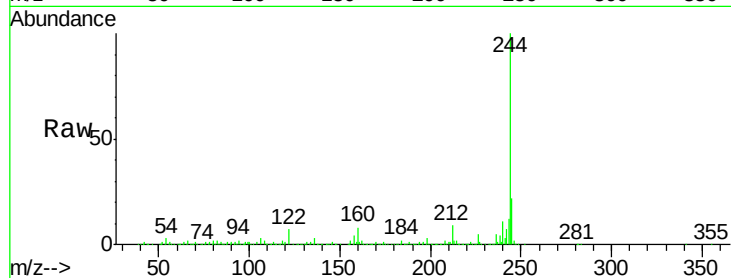
Tot Ion:184 Resp: 22755

Ion Ratio Lower Upper

184 100

185 16.9 11.1 16.7#

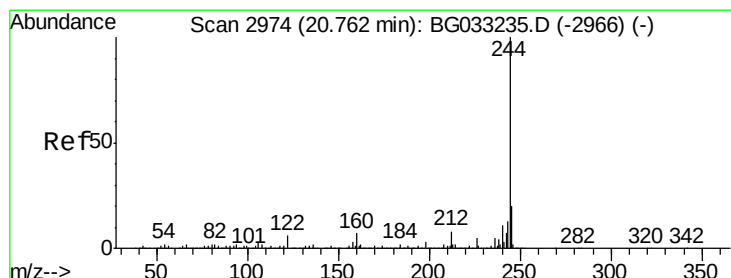
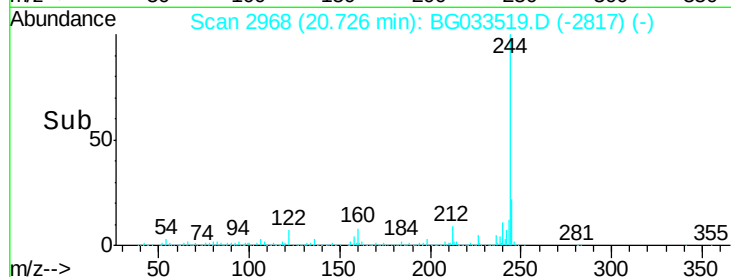
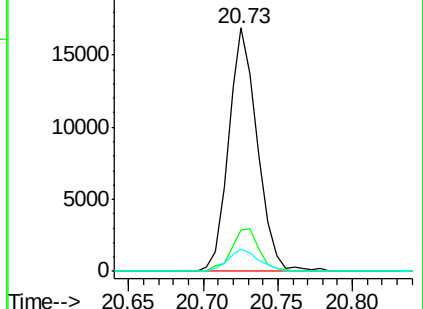
183 9.3 10.6 16.0#



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: 83.066 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033519.D

Acq: 3 Apr 2018 10:57

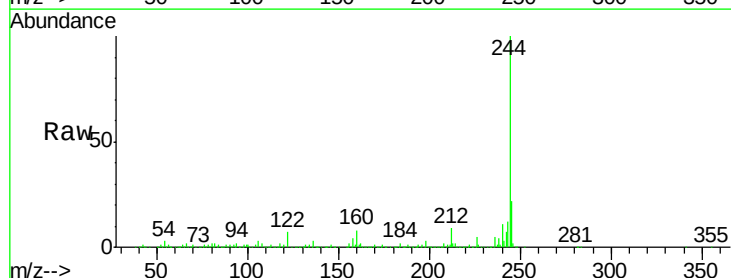
Tgt Ion:244 Resp: 1317063

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

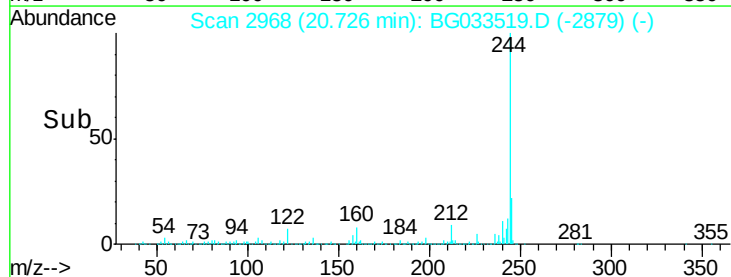
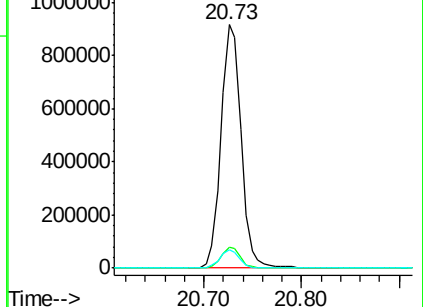
122 7.5 7.0 10.4

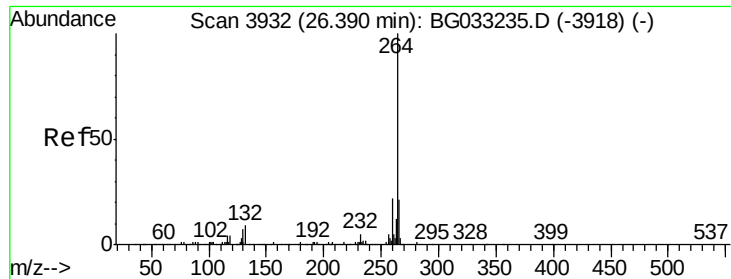


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

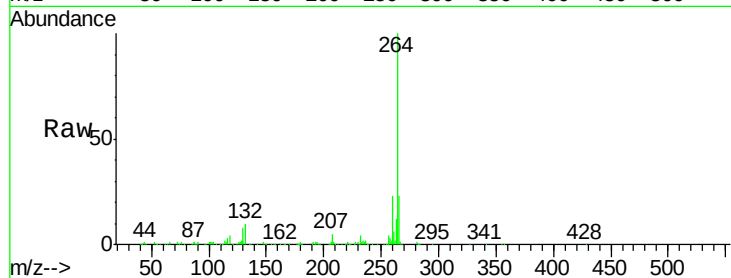




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. -0.01 min
 Lab File: BG033519.D
 Acq: 3 Apr 2018 10:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	23.2	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

