

Data Path : U:\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033471.D
 Acq On : 31 Mar 2018 6:51
 Operator : SJ/JU
 Sample : J2142-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 02 01:41:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

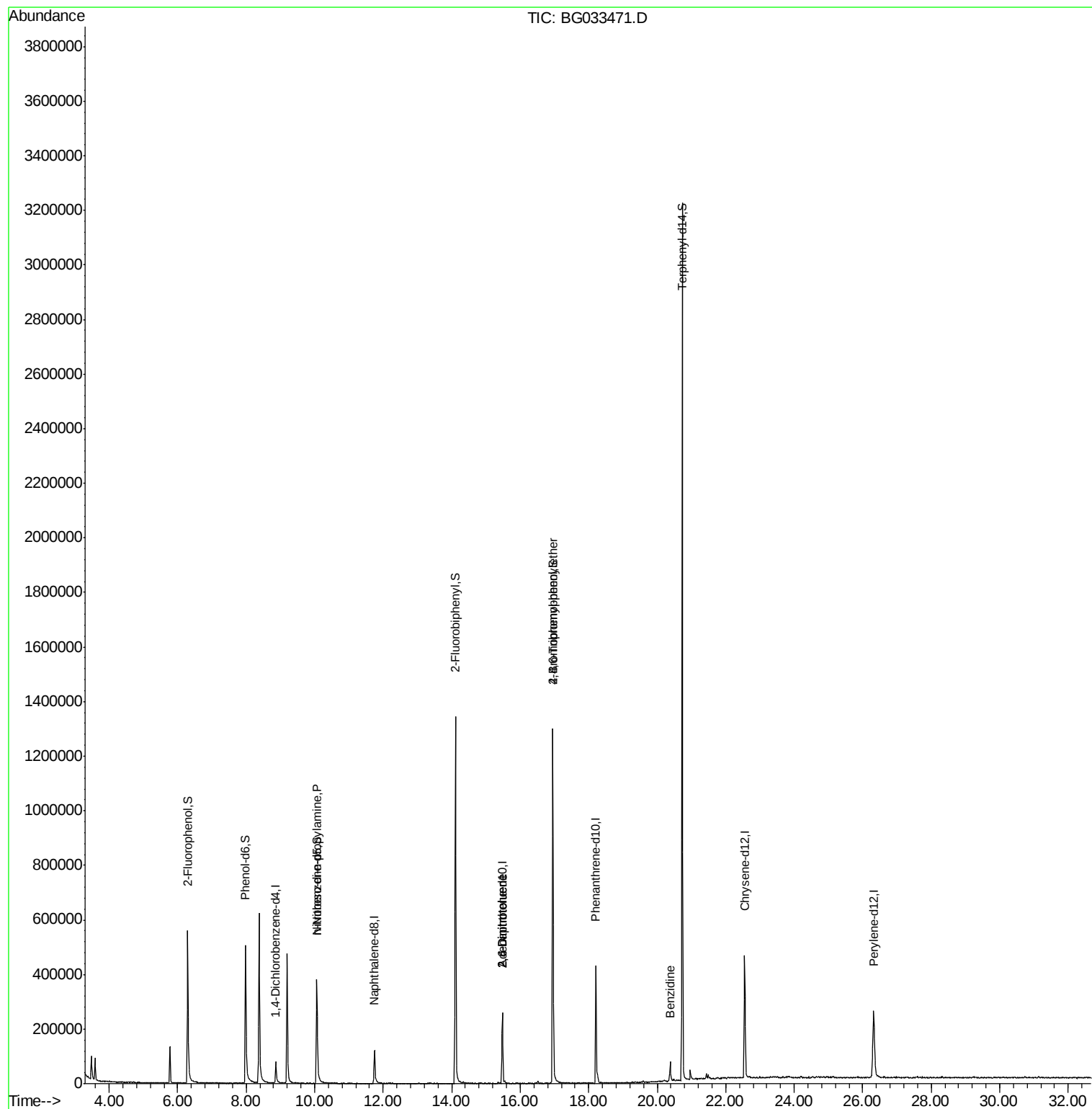
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29191	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	127420	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	104279	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	314939	20.00	ng	0.00
75) Chrysene-d12	22.56	240	336599	20.00	ng	0.00
86) Perylene-d12	26.32	264	351467	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	272319	174.93	ng	0.00
7) Phenol-d6	7.98	99	379035	141.70	ng	0.00
23) Nitrobenzene-d5	10.06	82	301093	108.57	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	275239	176.48	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	770637	106.69	ng	0.00
78) Terphenyl-d14	20.73	244	1638261	104.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	40322	20.572	ng	# 75
50) 2,6-Dinitrotoluene	15.48	165	12836	6.917	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	12836	4.698	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	20750	5.610	ng	# 1
76) Benzidine	20.37	184	42008	4.602	ng	98

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

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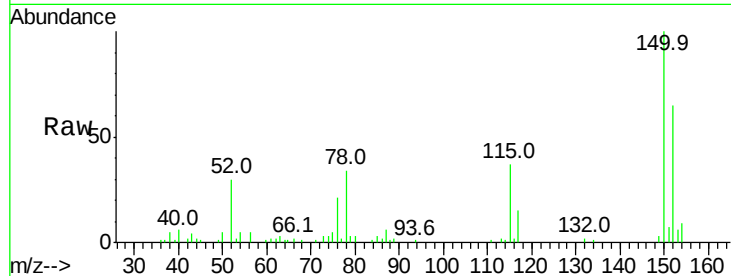


#1

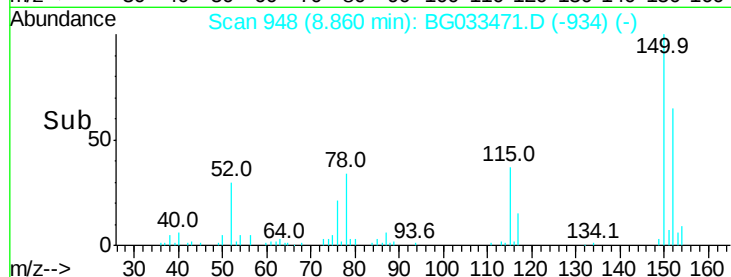
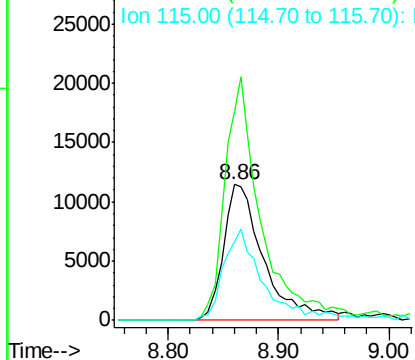
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29191
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 57.6 53.0 79.4



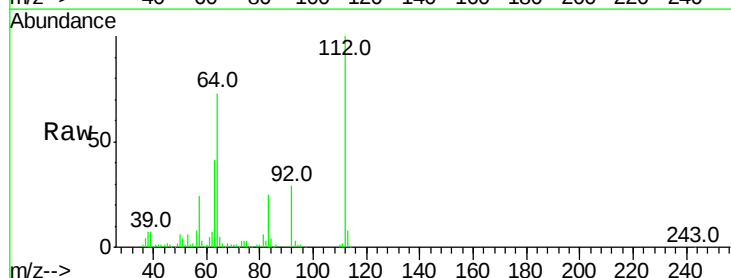
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



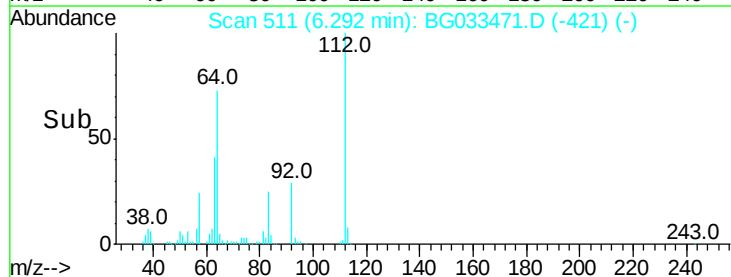
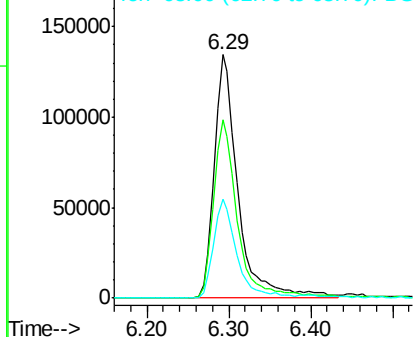
#5

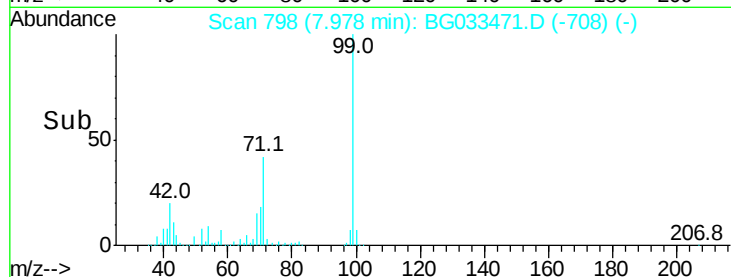
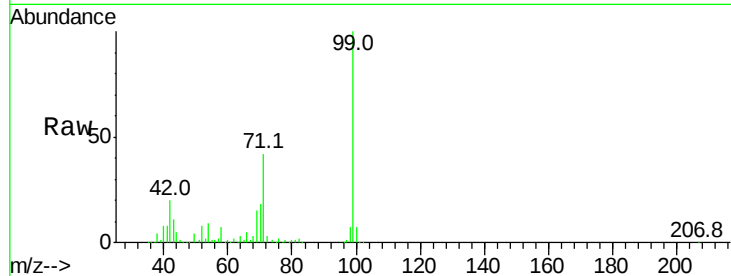
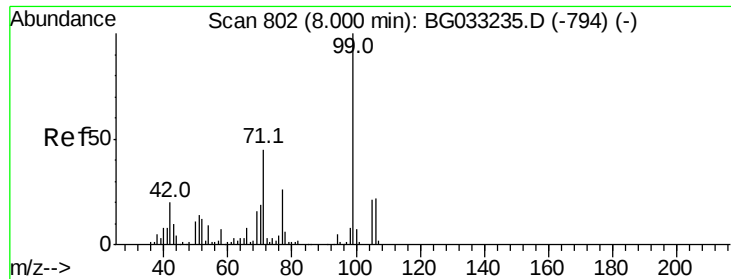
2-Fluorophenol
Concen: 174.928 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Tgt Ion:112 Resp: 272319
Ion Ratio Lower Upper
112 100
64 73.3 56.3 84.5
63 40.5 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: 141.705 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033471.D

Acq: 31 Mar 2018 6:51

Instrument :

BNA_G

ClientSampleId :

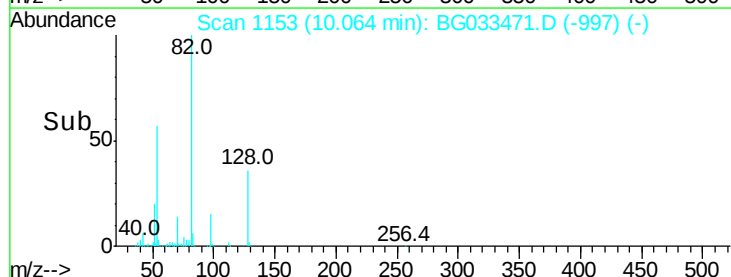
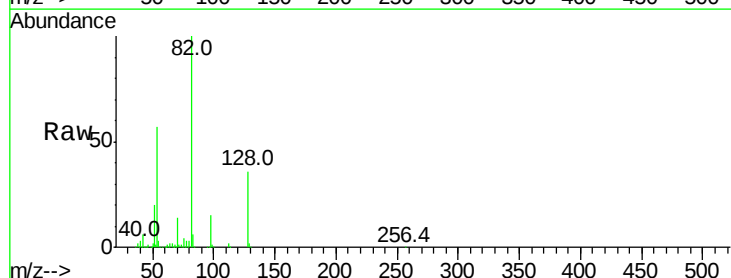
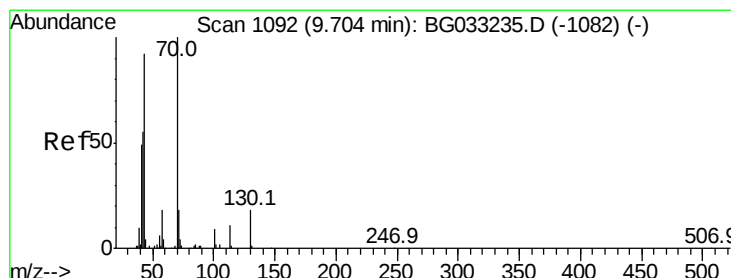
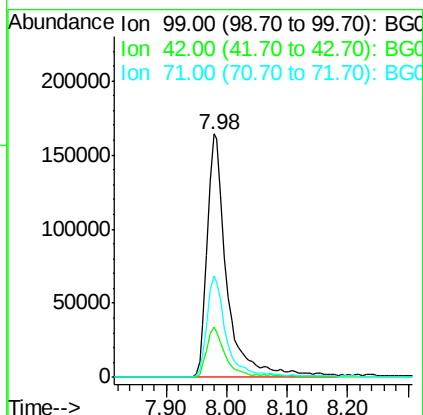
Tot Ion: 99 Resp: 379035

Ion Ratio Lower Upper

99 100

42 20.5 14.1 21.1

71 41.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 20.572 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.39 min

Lab File: BG033471.D

Acq: 31 Mar 2018 6:51

Tgt Ion: 70 Resp: 40322

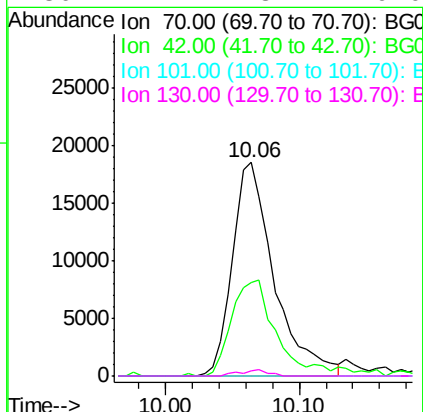
Ion Ratio Lower Upper

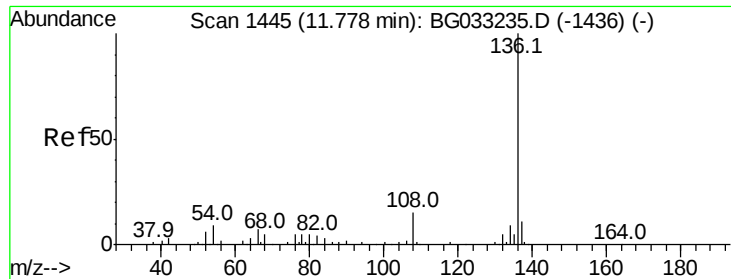
70 100

42 44.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#

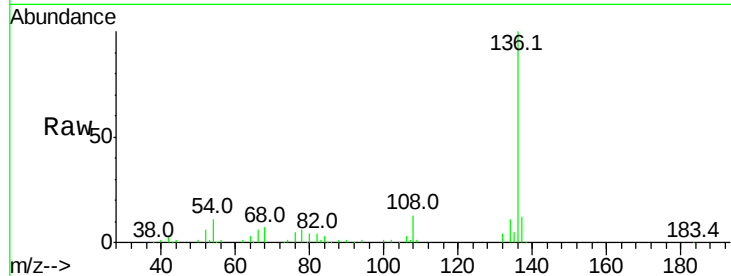




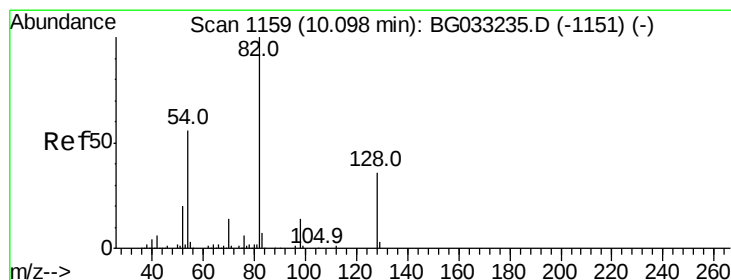
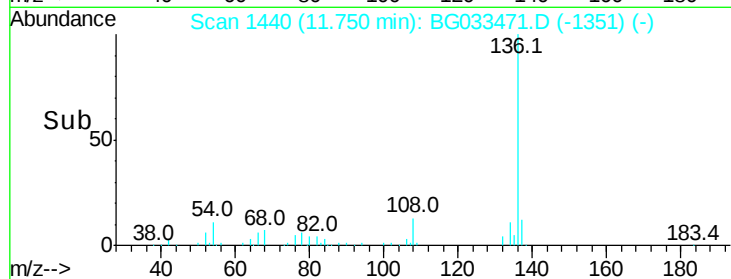
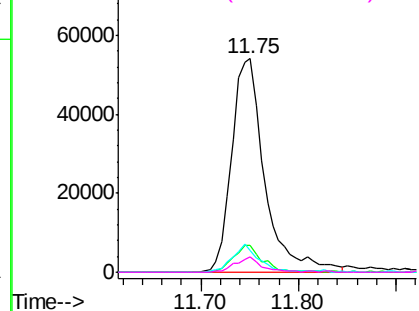
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	127420
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	10.5	10.3	15.5
68	7.0	4.5	6.7#

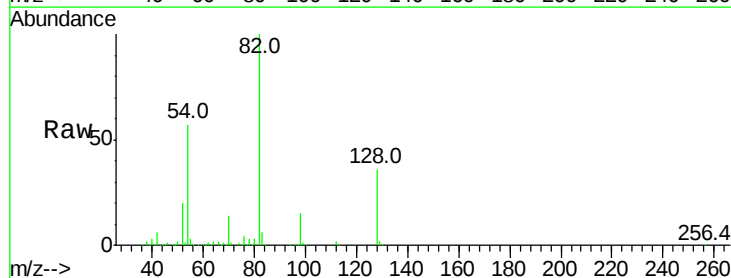


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

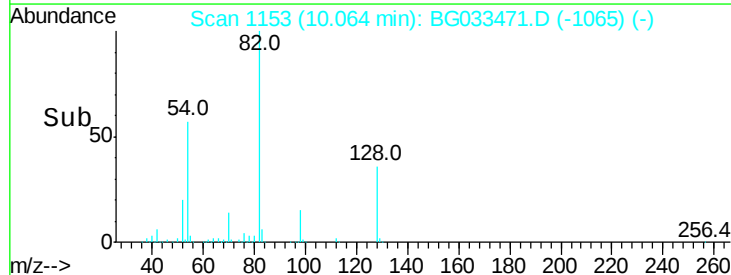
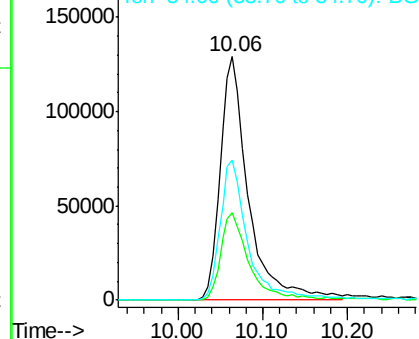


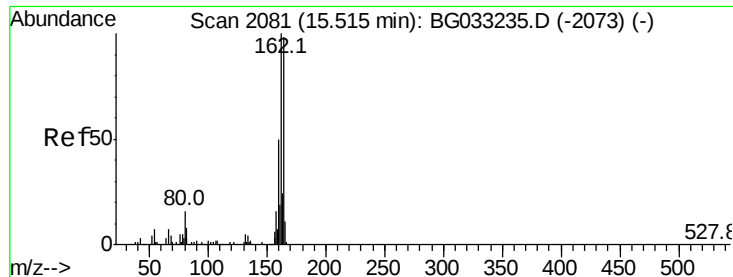
#23
Nitrobenzene-d5
Concen: 108.566 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Tgt Ion:	82	Resp:	301093
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	57.2	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033471.D

Acq: 31 Mar 2018 6:51

Instrument :

BNA_G

ClientSampleId :

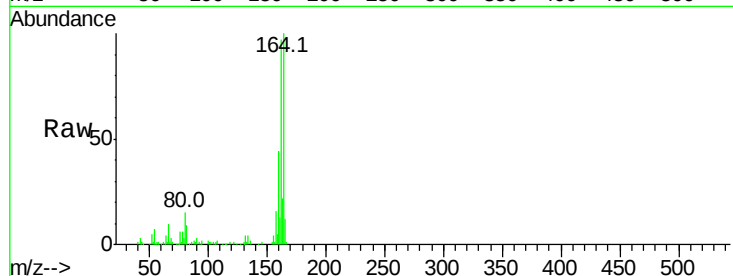
Tot Ion:164 Resp: 104279

Ion Ratio Lower Upper

164 100

162 97.4 78.8 118.2

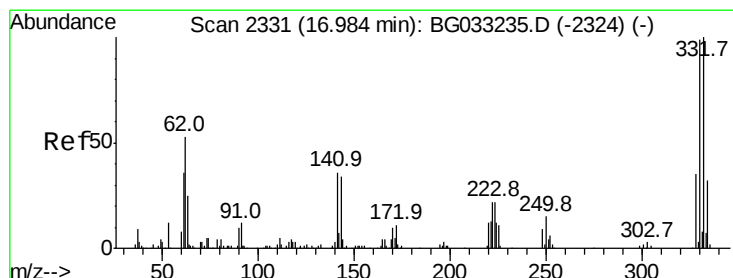
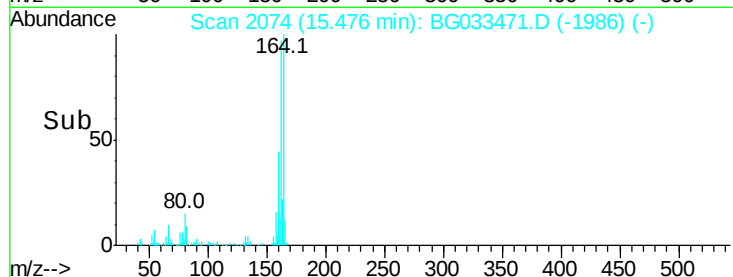
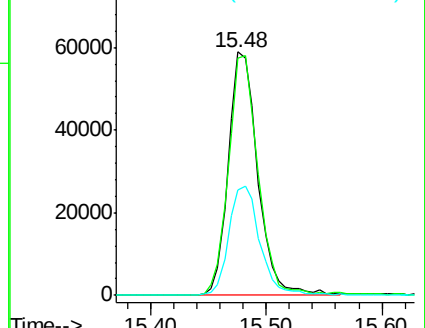
160 43.5 35.4 53.0



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: 176.479 ng

RT: 16.96 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033471.D

Acq: 31 Mar 2018 6:51

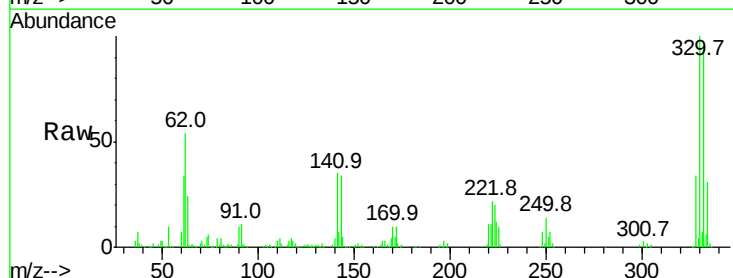
Tgt Ion:330 Resp: 275239

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

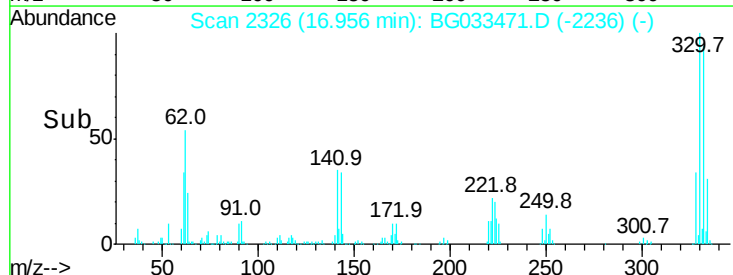
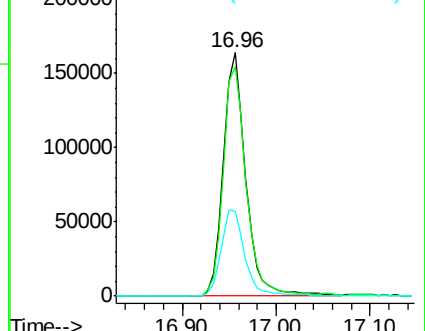
141 37.6 25.2 37.8

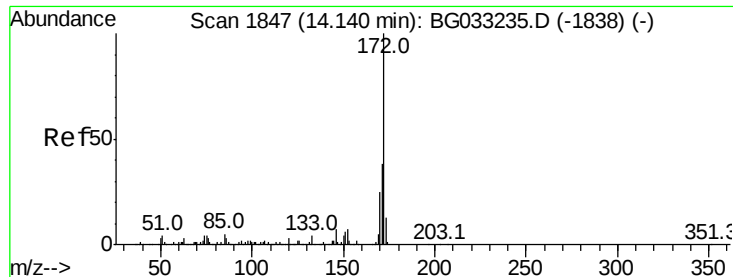


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

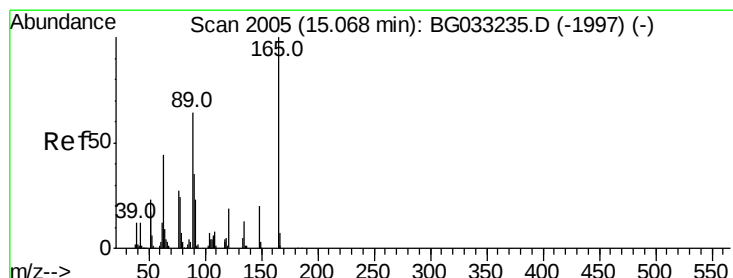
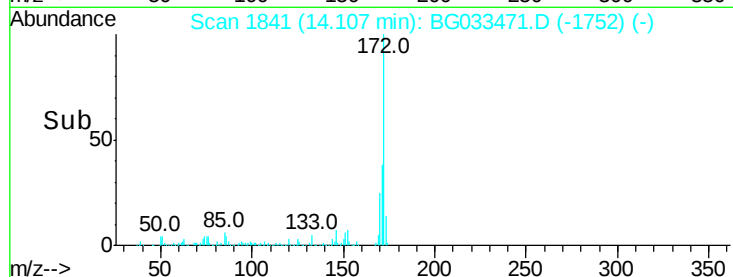
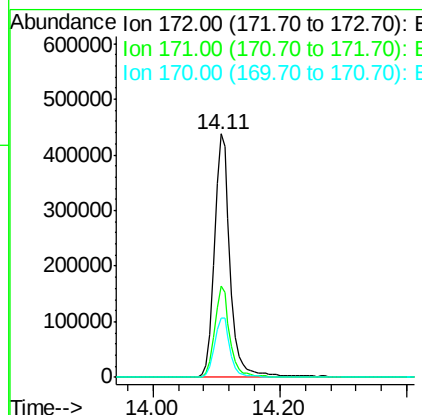
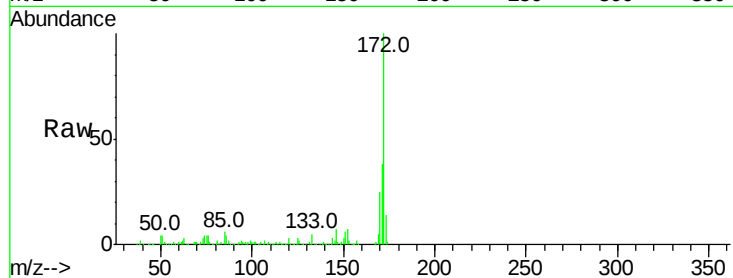




#44
 2-Fluorobiphenyl
 Concen: 106.687 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033471.D
 Acq: 31 Mar 2018 6:51

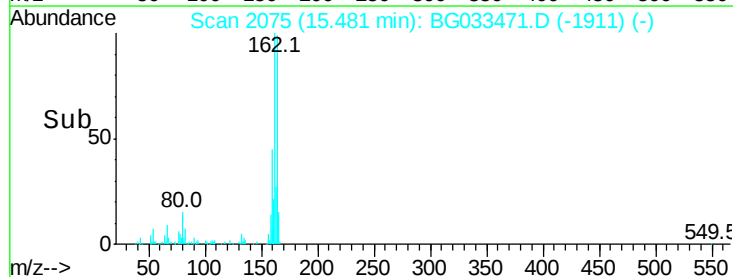
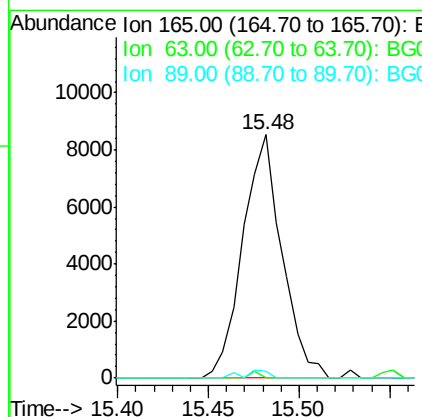
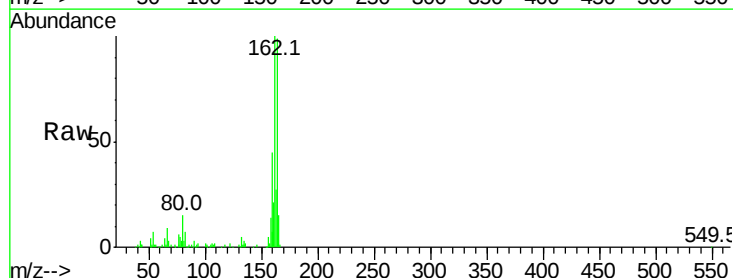
Instrument :
 BNA_G
 ClientSampleId :

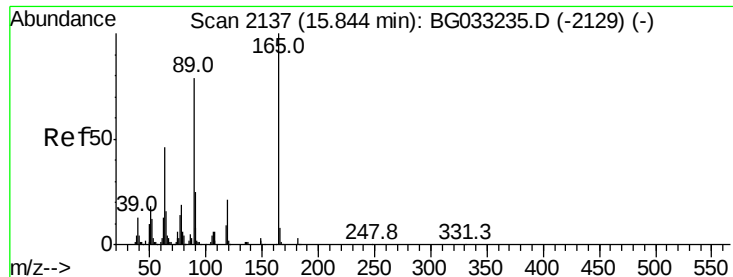
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.5	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.917 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033471.D
 Acq: 31 Mar 2018 6:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.9	49.2	73.8#

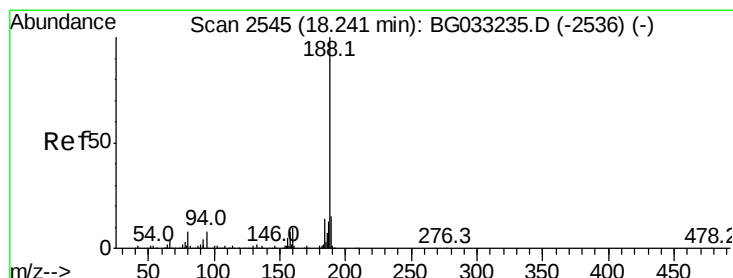
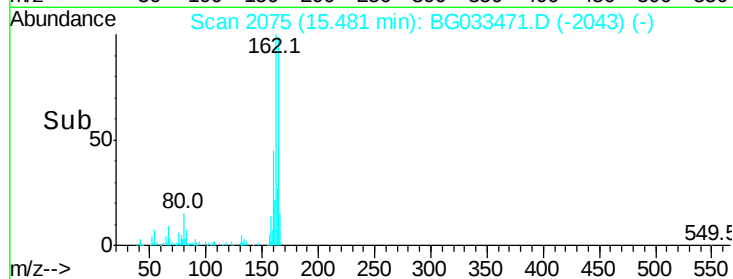
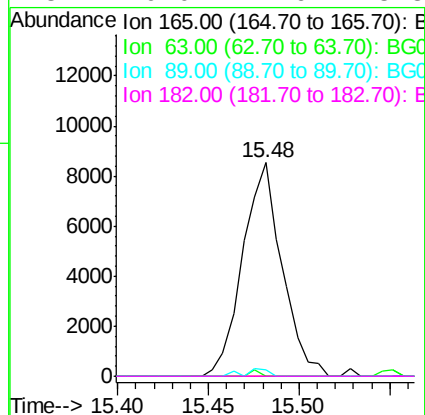
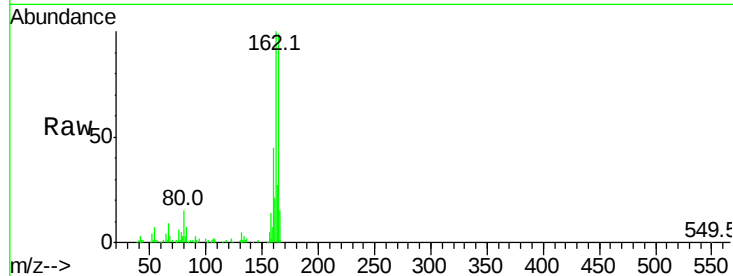




#56
2,4-Dinitrotoluene
Concen: 4.698 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

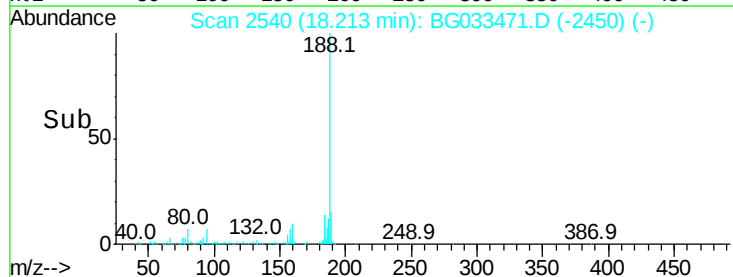
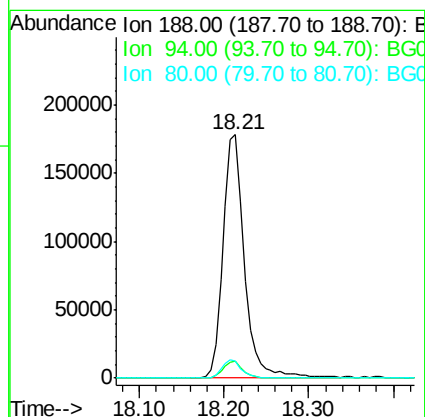
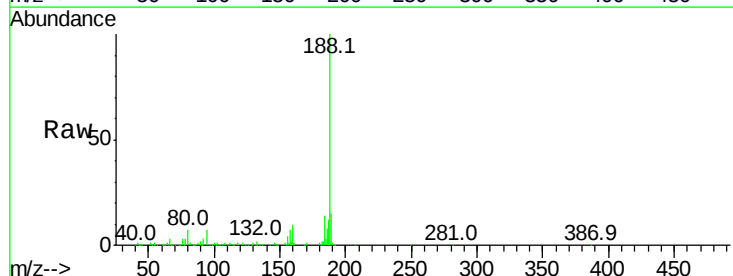
Instrument :
BNA_G
ClientSampleId :

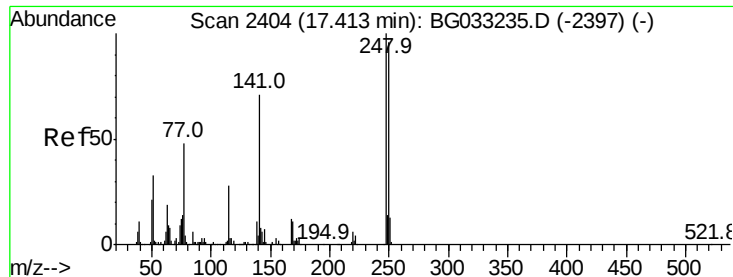
Tot Ion:165 Resp: 12836
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.9 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Tgt Ion:188 Resp: 314939
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.2 7.7 11.5#

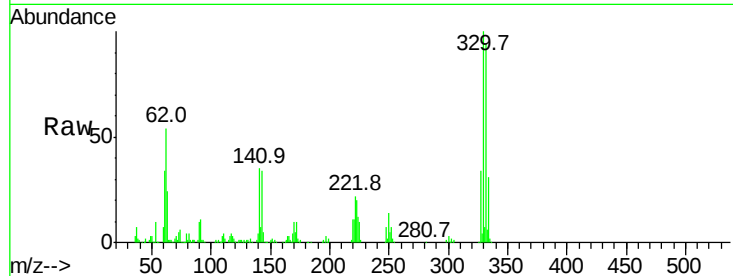




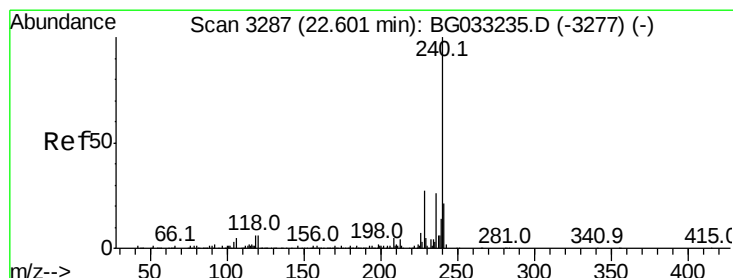
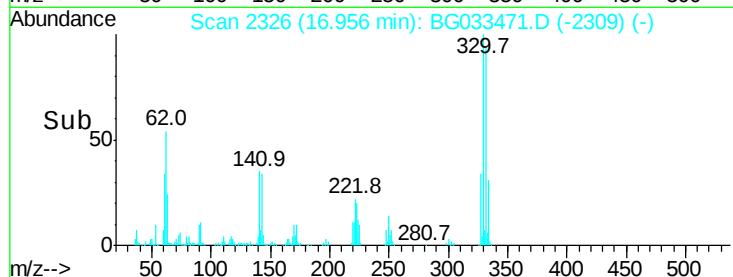
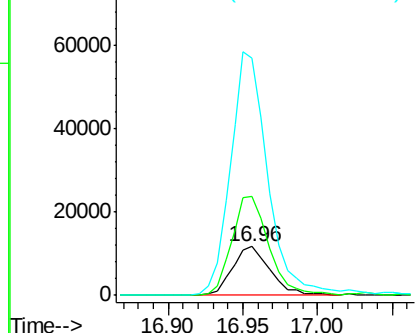
#66
4-Bromophenyl-phenylether
Concen: 5.610 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	202.8	77.1	115.7#
141	486.6	50.8	76.2#

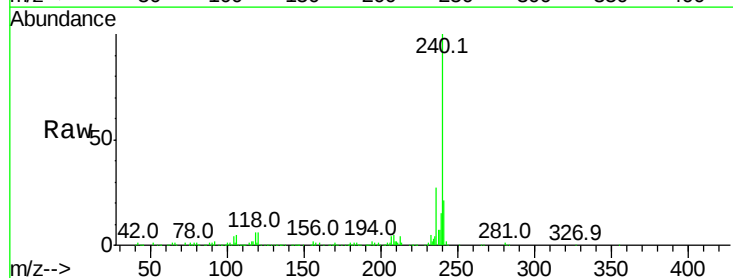


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

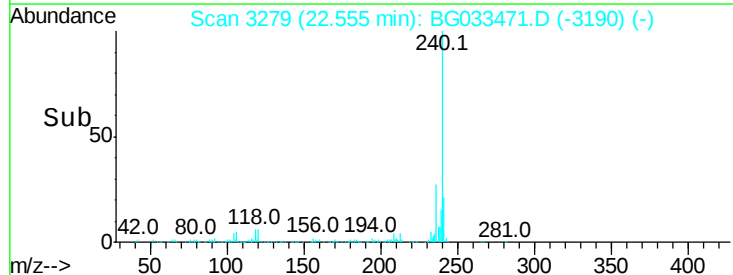
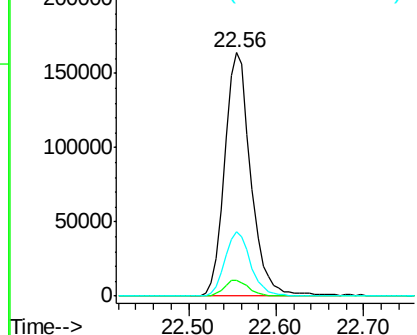


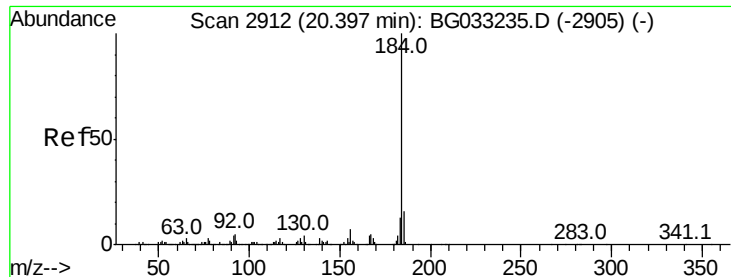
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	26.5	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

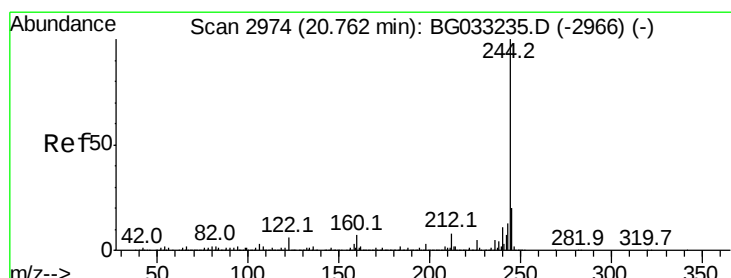
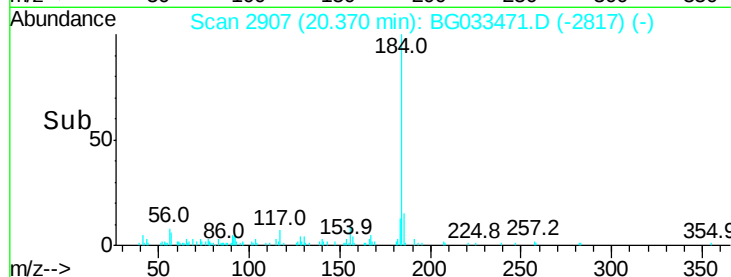
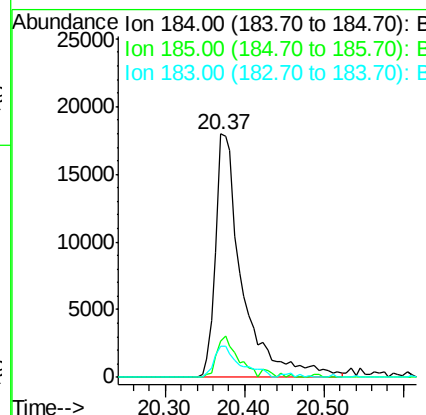
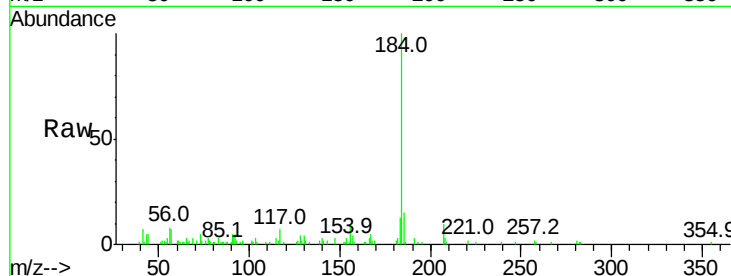




#76
Benzidine
Concen: 4.602 ng
RT: 20.37 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

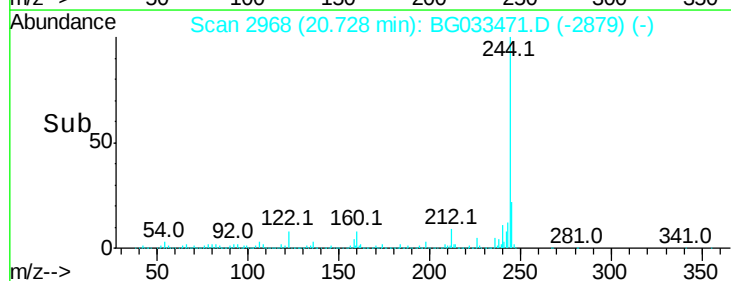
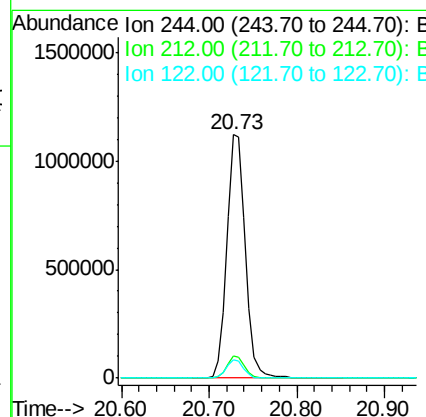
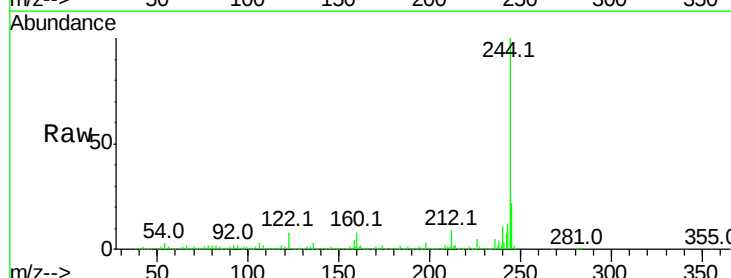
Instrument :
BNA_G
ClientSampleId :

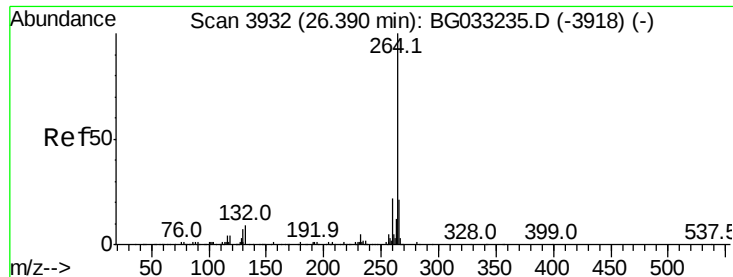
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	12.6	10.6	16.0



#78
Terphenyl-d14
Concen: 104.088 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	7.7	7.0	10.4

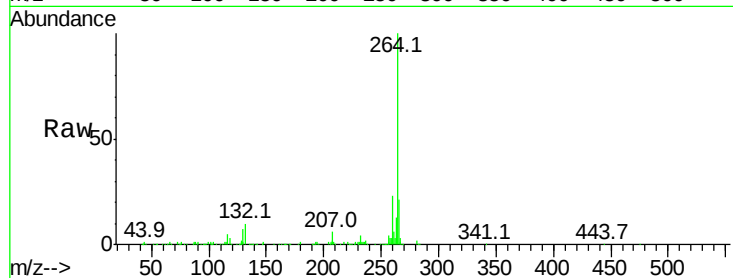




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.5	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

