

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033674.D
 Acq On : 9 Apr 2018 11:00
 Operator : SJ/JU
 Sample : J2258-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 05:53:31 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

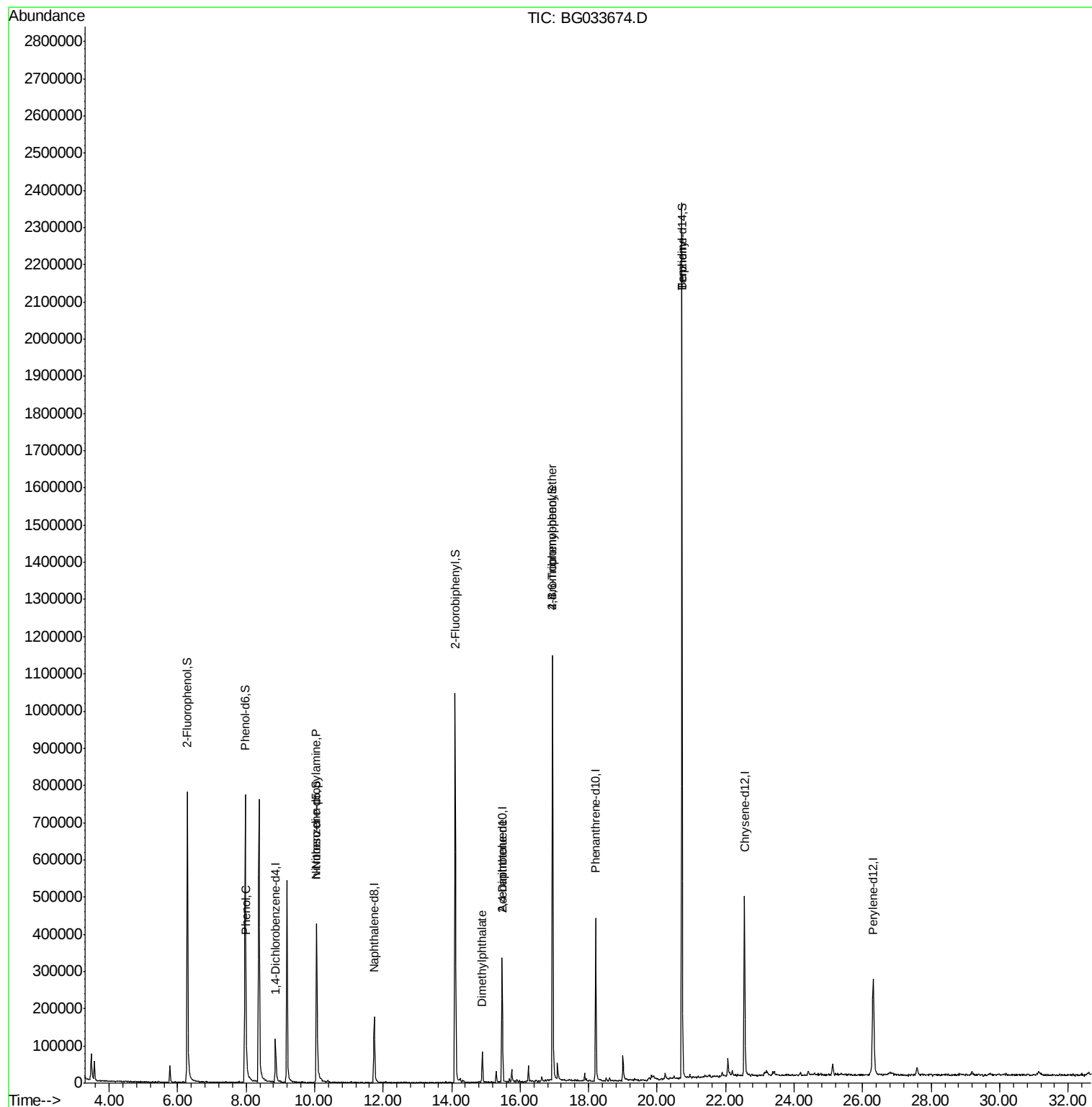
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39542	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	172923	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	120547	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	322434	20.00	ng	0.00
75) Chrysene-d12	22.55	240	334393	20.00	ng	0.00
86) Perylene-d12	26.30	264	353219	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	369209	175.08	ng	0.00
7) Phenol-d6	7.97	99	527723	145.65	ng	0.00
23) Nitrobenzene-d5	10.06	82	343710	91.32	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	217085	120.41	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	597346	71.54	ng	0.00
78) Terphenyl-d14	20.72	244	1198149	76.63	ng	0.00
Target Compounds						
10) Phenol	8.00	94	29245	8.175	ng	85
19) n-Nitroso-di-n-propylamine	10.06	70	47756	17.987	ng	# 73
49) Dimethylphthalate	14.89	163	54119	5.159	ng	99
56) 2,4-Dinitrotoluene	15.47	165	15701	4.971	ng	# 18
66) 4-Bromophenyl-phenylether	16.94	248	16635	4.393	ng	# 1
76) Benzidine	20.72	184	21042	2.320	ng	# 93

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

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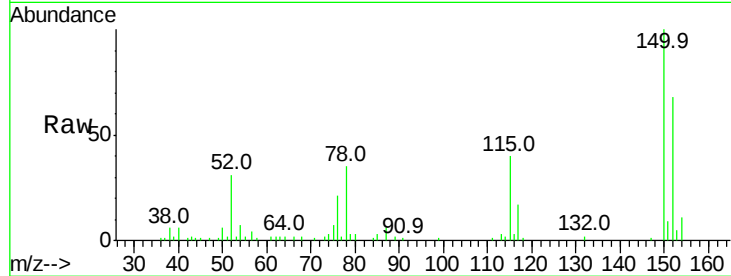


#1

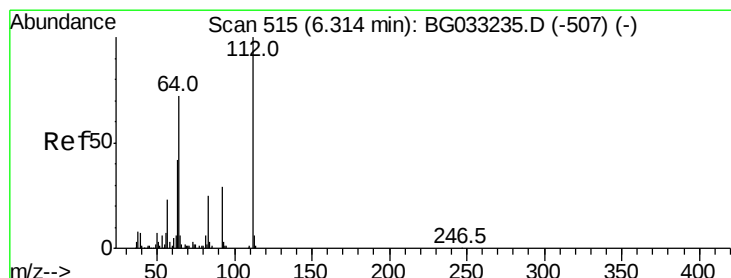
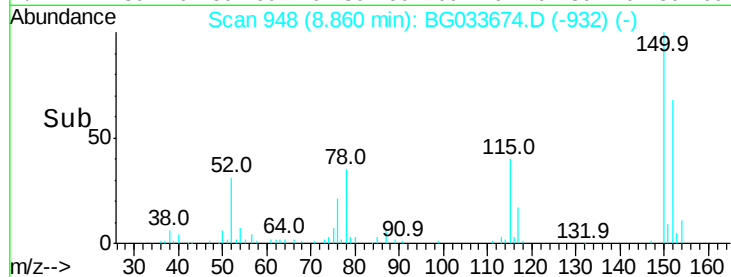
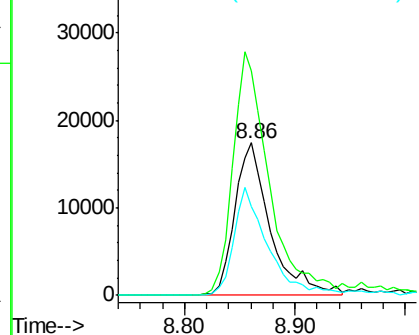
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033674.D
Acq: 9 Apr 2018 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 39542
Ion Ratio Lower Upper
152 100
150 147.2 126.6 189.8
115 58.5 53.0 79.4



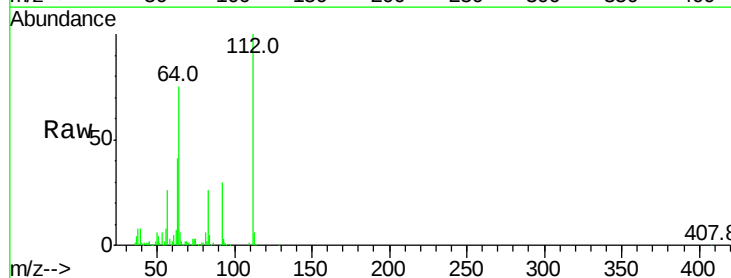
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



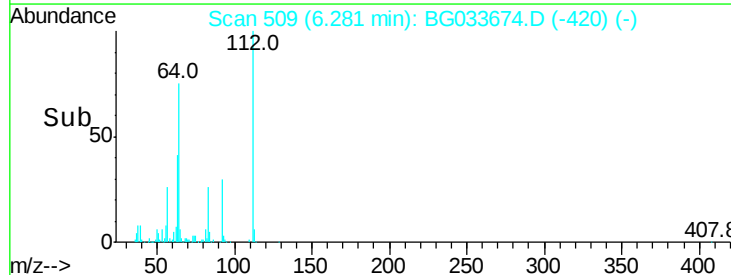
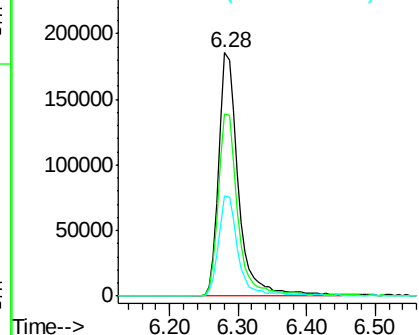
#5

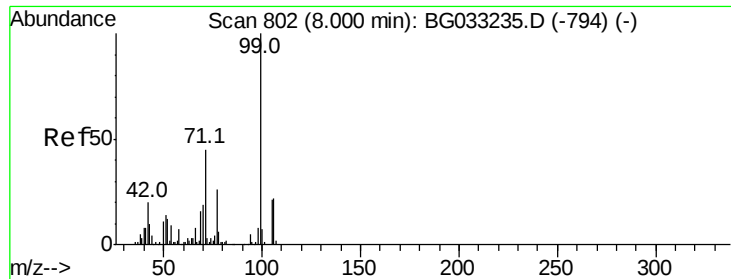
2-Fluorophenol
Concen: 175.083 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.01 min
Lab File: BG033674.D
Acq: 9 Apr 2018 11:00

Tgt Ion:112 Resp: 369209
Ion Ratio Lower Upper
112 100
64 74.6 56.3 84.5
63 41.3 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: 145.647 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

Instrument :

BNA_G

ClientSampleId :

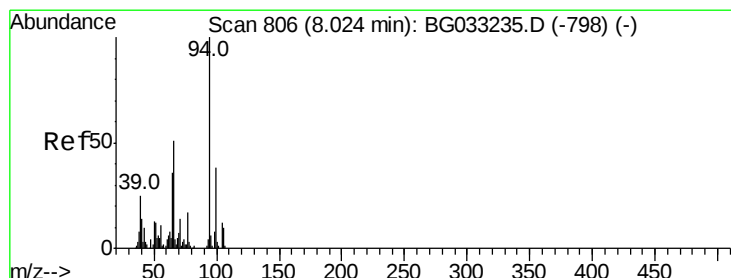
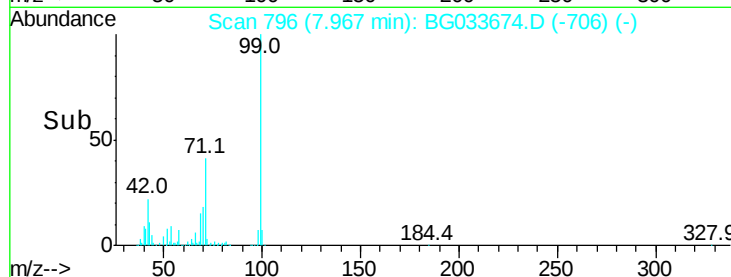
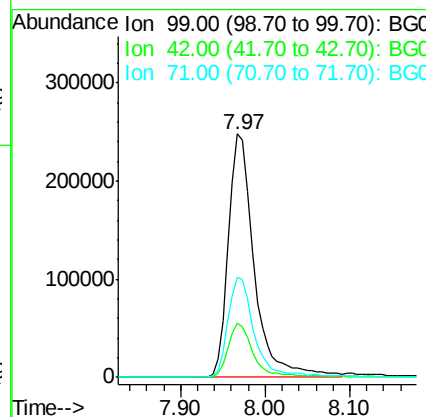
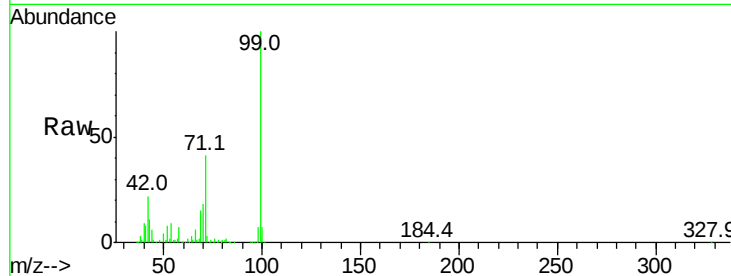
Tot Ion: 99 Resp: 527723

Ion Ratio Lower Upper

99 100

42 22.0 14.1 21.1#

71 41.2 26.1 39.1#



#10

Phenol

Concen: 8.175 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

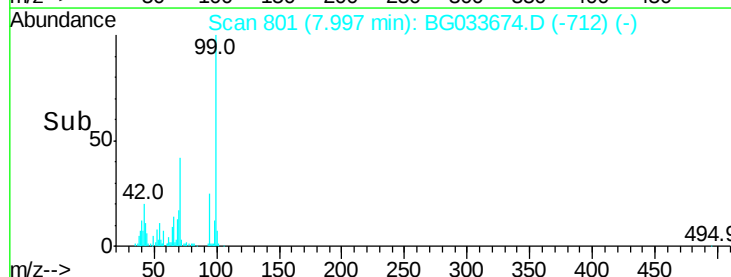
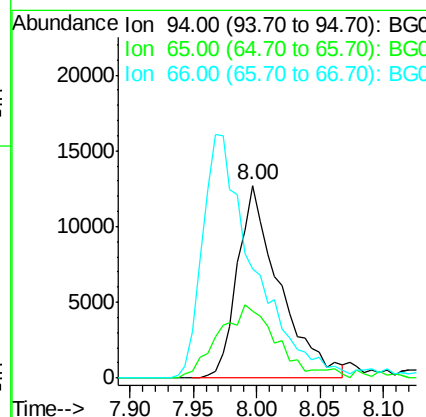
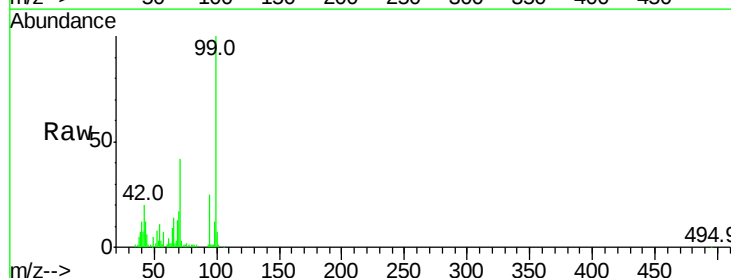
Tgt Ion: 94 Resp: 29245

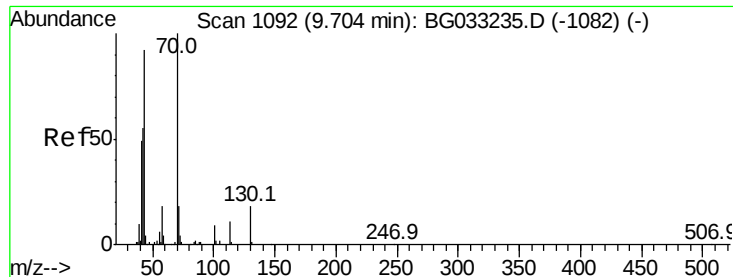
Ion Ratio Lower Upper

94 100

65 34.6 11.9 51.9

66 56.7 22.2 62.2

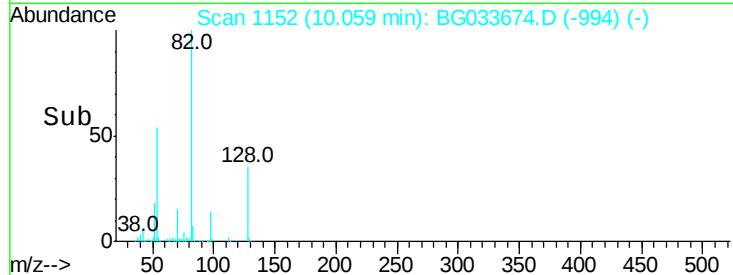
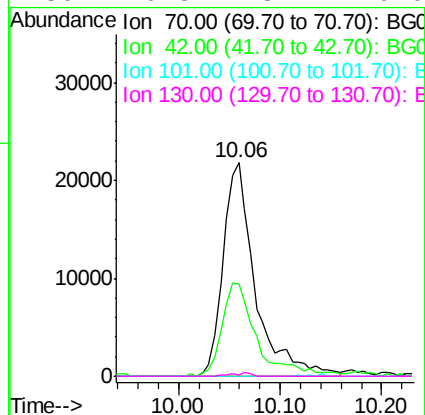
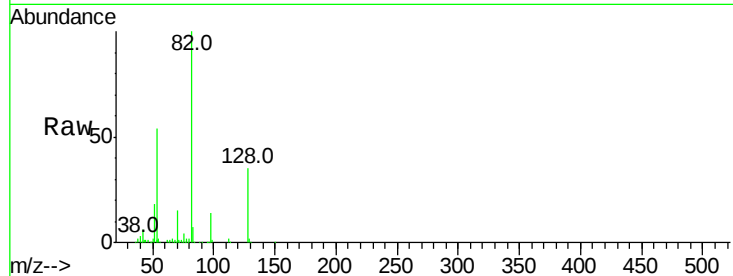




#19
n-Nitroso-di-n-propylamine
Concen: 17.987 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033674.D
Acq: 9 Apr 2018 11:00

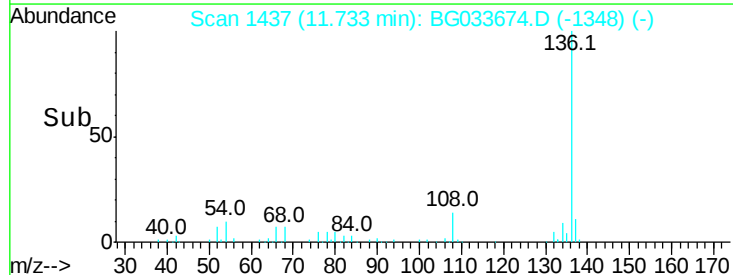
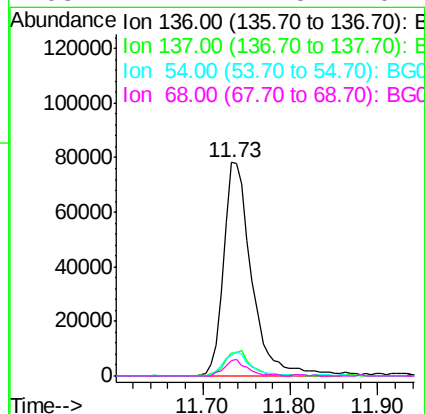
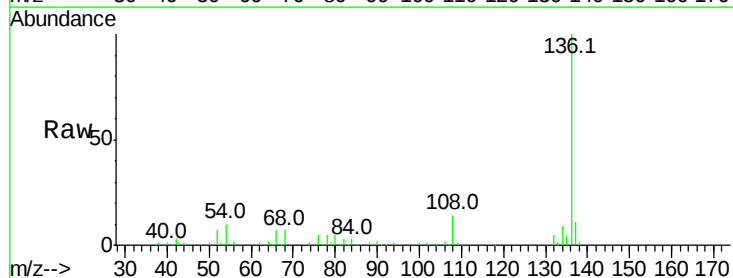
Instrument :
BNA_G
ClientSampleId :

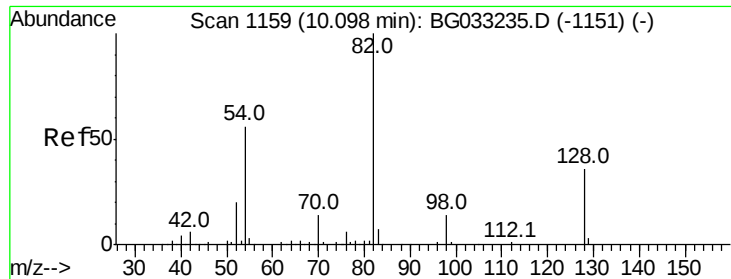
Tot Ion: 70 Resp: 47756
Ion Ratio Lower Upper
70 100
42 43.1 49.1 73.7#
101 0.0 8.5 12.7#
130 0.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BG033674.D
Acq: 9 Apr 2018 11:00

Tgt Ion: 136 Resp: 172923
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 9.9 10.3 15.5#
68 7.4 4.5 6.7#

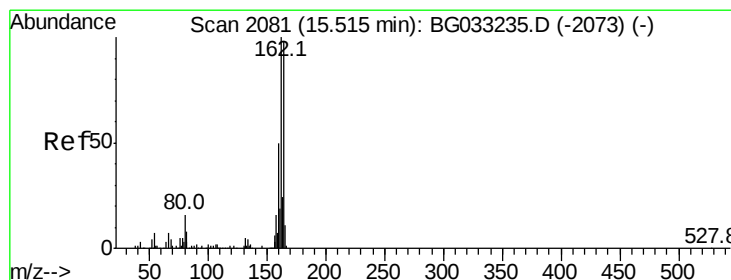
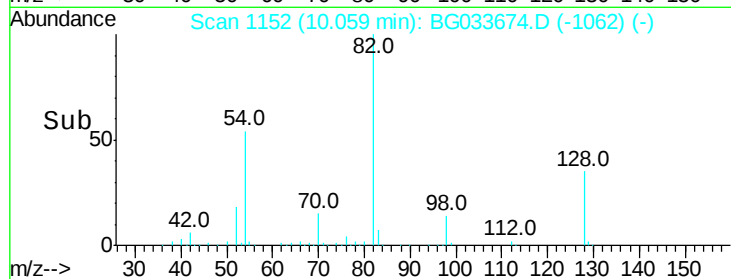
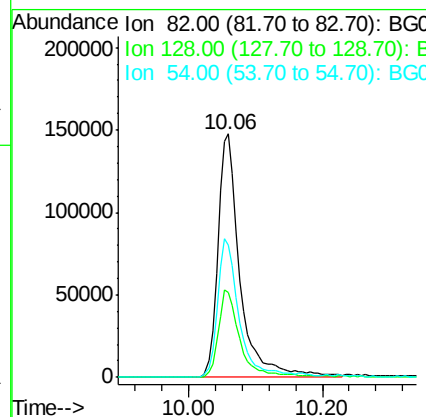
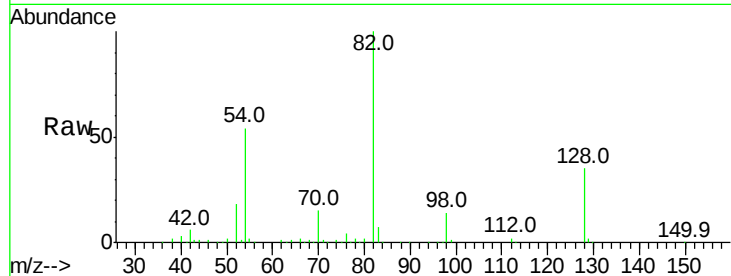




#23
 Nitrobenzene-d5
 Concen: 91.321 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033674.D
 Acq: 9 Apr 2018 11:00

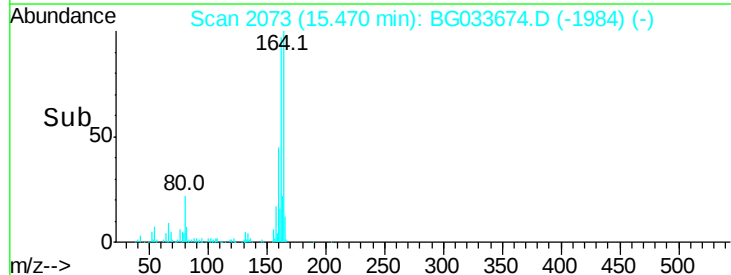
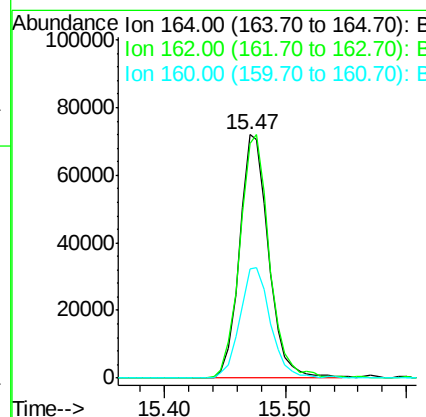
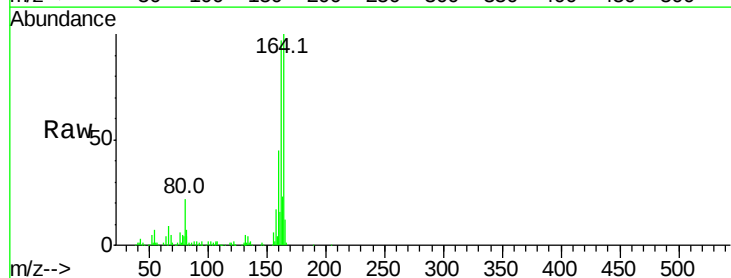
Instrument :
 BNA_G
 ClientSampled :

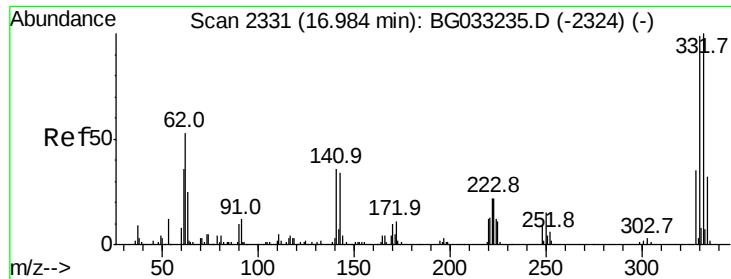
Tot Ion: 82 Resp: 343710
 Ion Ratio Lower Upper
 82 100
 128 34.7 29.7 44.5
 54 54.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033674.D
 Acq: 9 Apr 2018 11:00

Tgt Ion:164 Resp: 120547
 Ion Ratio Lower Upper
 164 100
 162 96.7 78.8 118.2
 160 44.8 35.4 53.0

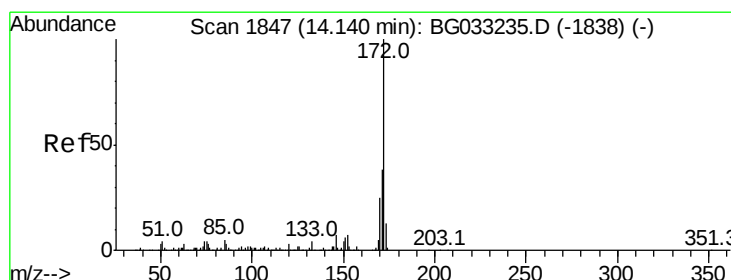
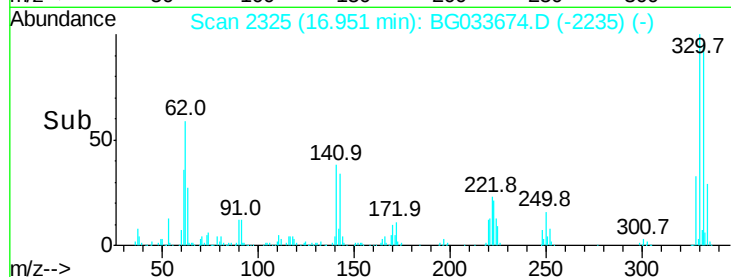
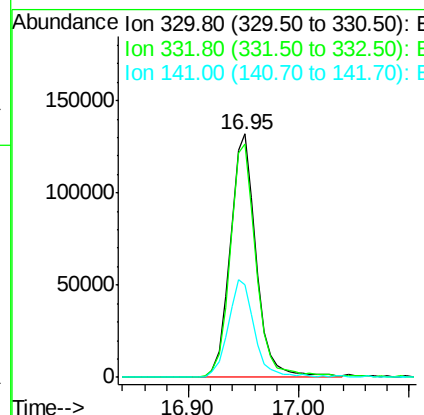
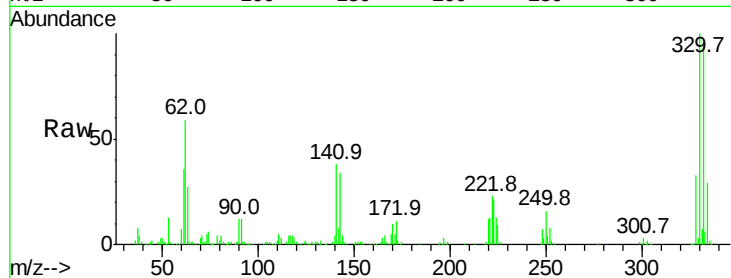




#41
 2,4,6-Tribromophenol
 Concen: 120.407 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033674.D
 Acq: 9 Apr 2018 11:00

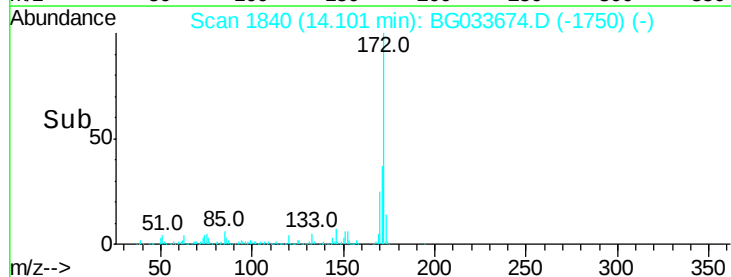
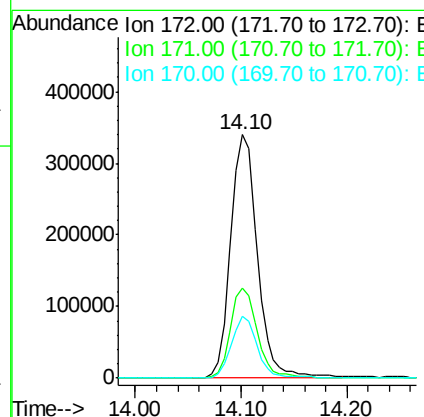
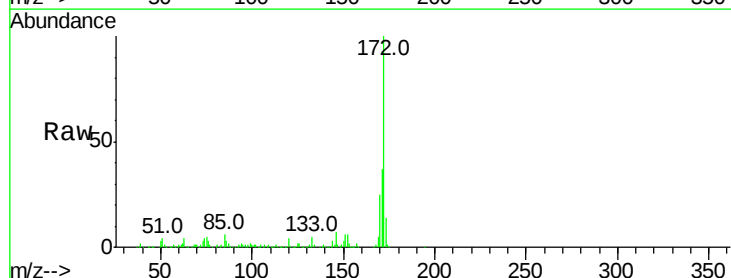
Instrument :
 BNA_G
 ClientSampleId :

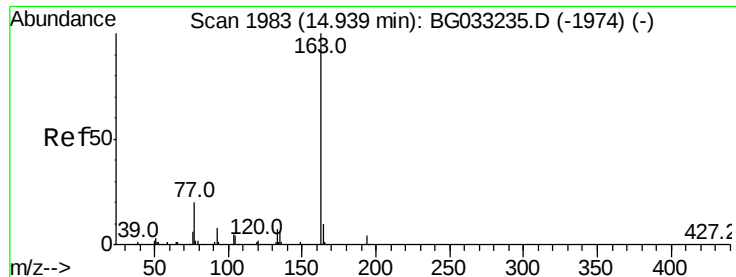
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	40.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 71.536 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033674.D
 Acq: 9 Apr 2018 11:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	25.3	19.5	29.3

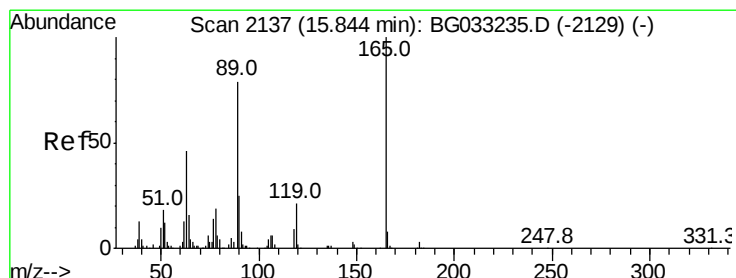
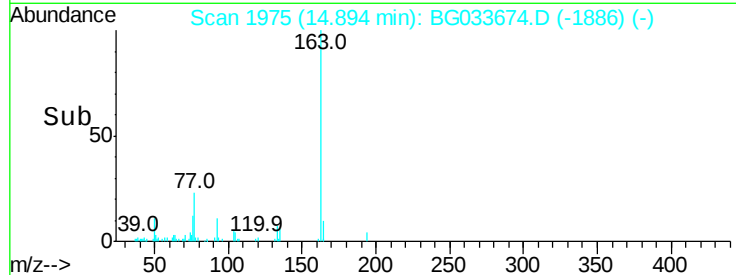
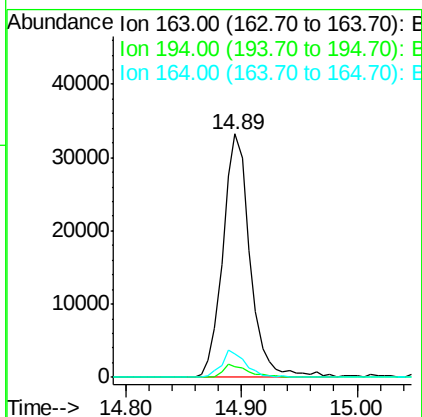
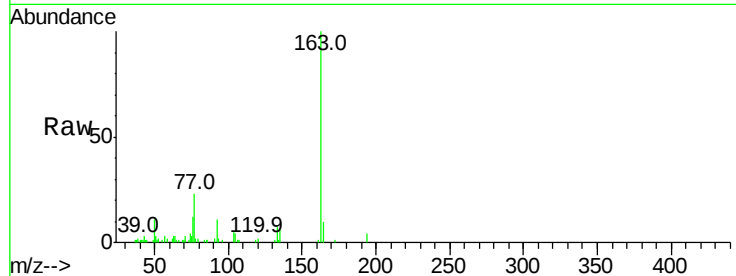




#49
Dimethylphthalate
Concen: 5.159 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG033674.D
Acq: 9 Apr 2018 11:00

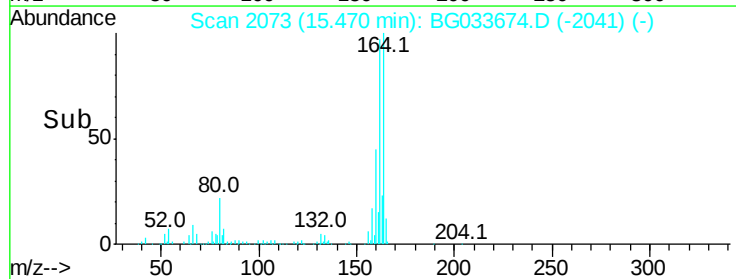
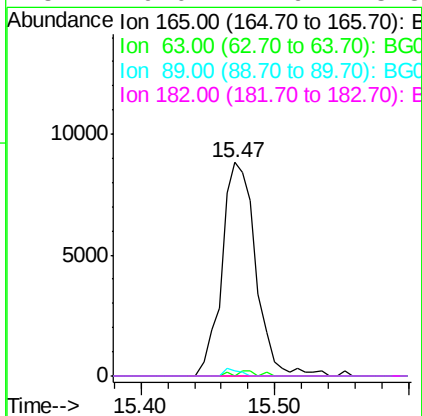
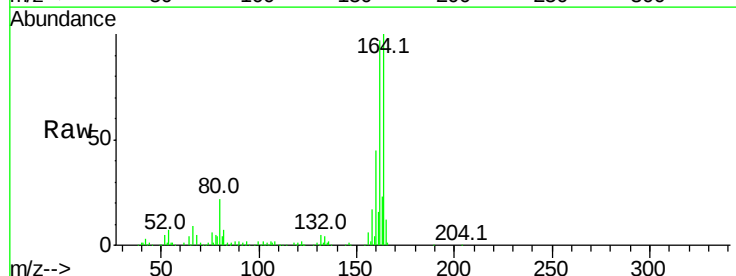
Instrument :
BNA_G
ClientSampleId :

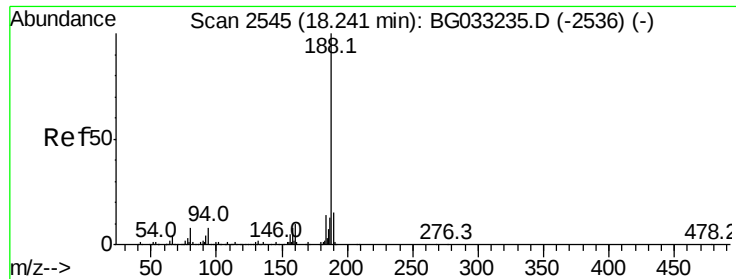
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.8	8.2	12.4



#56
2,4-Dinitrotoluene
Concen: 4.971 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.34 min
Lab File: BG033674.D
Acq: 9 Apr 2018 11:00

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

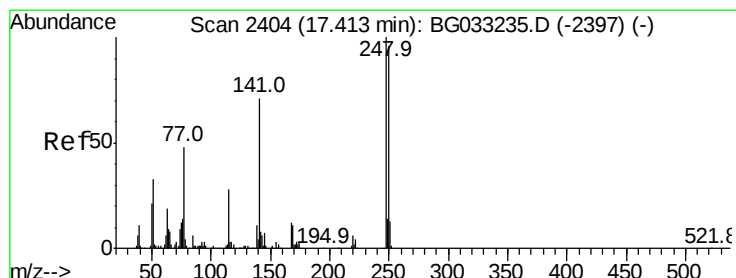
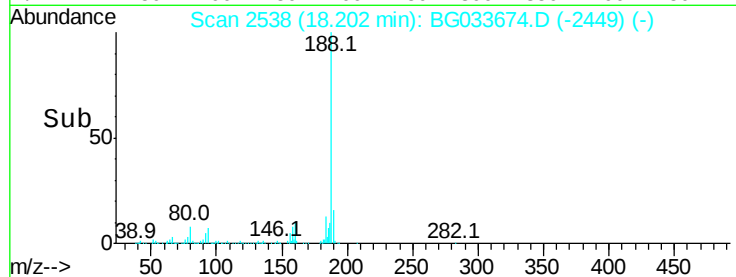
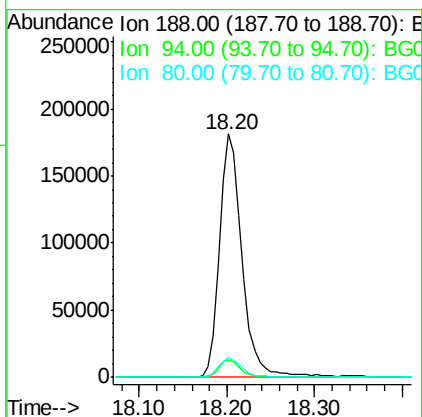
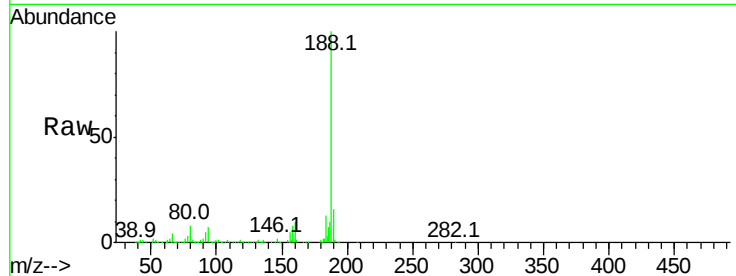




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BG033674.D
 Acq: 9 Apr 2018 11:00

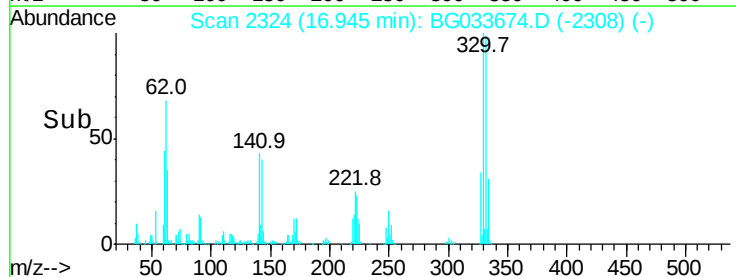
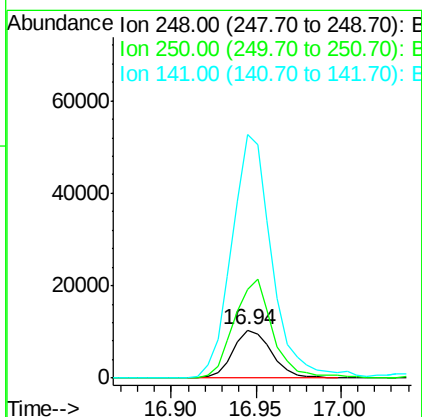
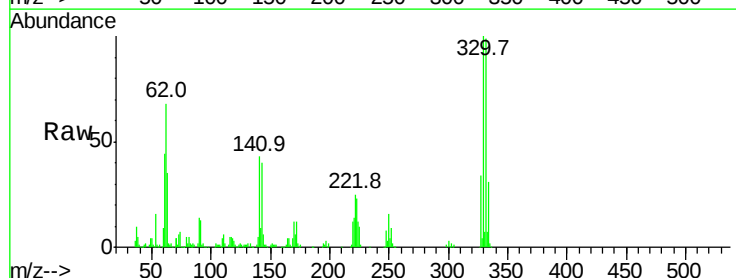
Instrument :
 BNA_G
 ClientSampleId :

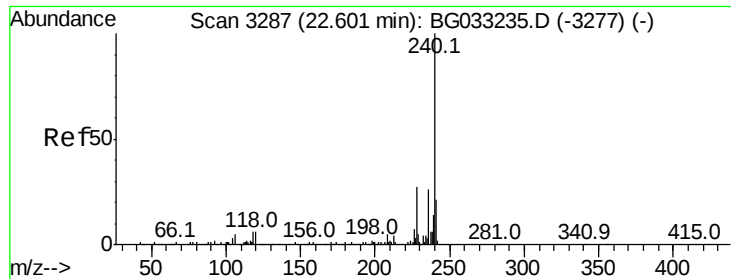
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	8.3	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 4.393 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.44 min
 Lab File: BG033674.D
 Acq: 9 Apr 2018 11:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	185.2	77.1	115.7#
141	505.9	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: BG033674.D

Acq: 9 Apr 2018 11:00

Instrument :

BNA_G

ClientSampleId :

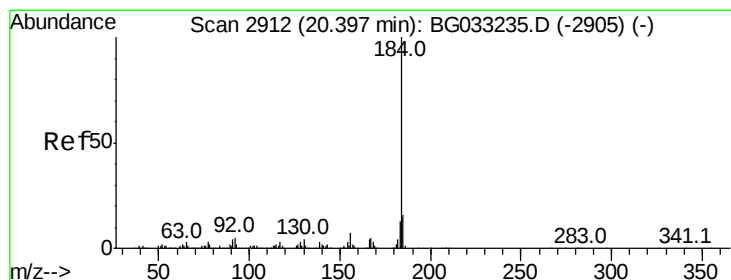
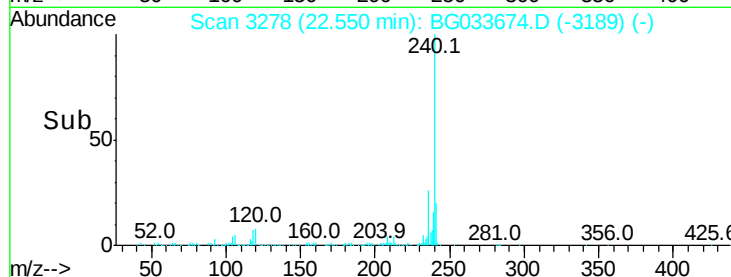
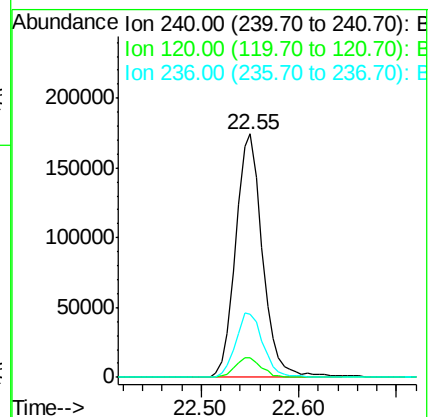
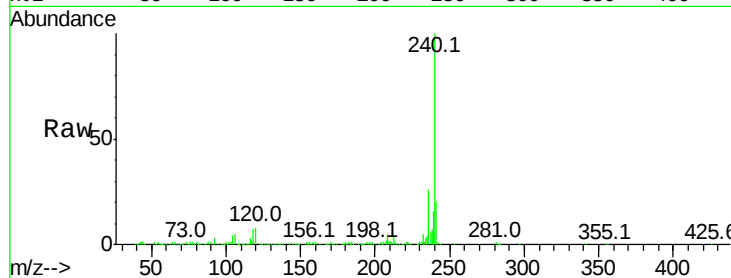
Tot Ion:240 Resp: 334393

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

236 26.1 20.9 31.3



#76

Benzidine

Concen: 2.320 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

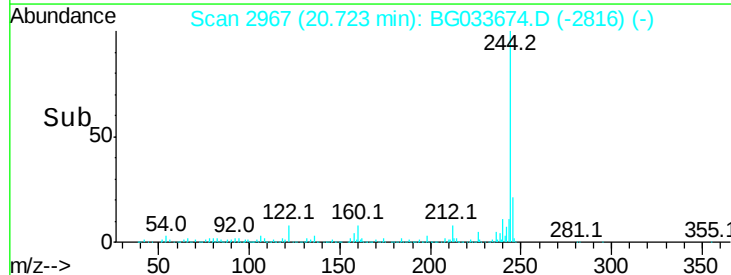
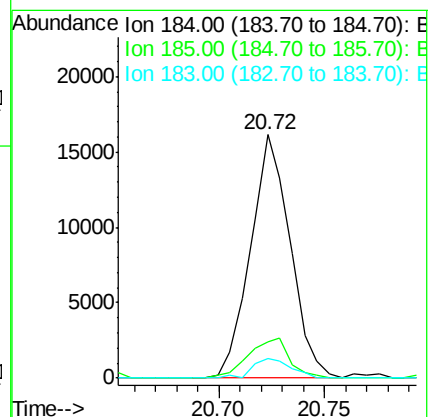
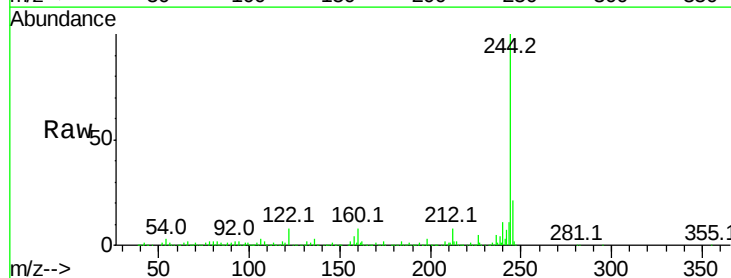
Tgt Ion:184 Resp: 21042

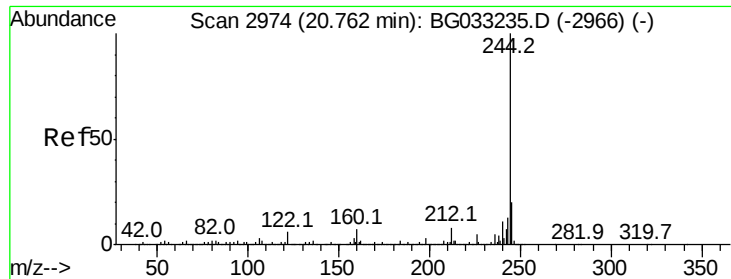
Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

183 8.0 10.6 16.0#





#78

Terphenyl-d14

Concen: 76.627 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

Instrument :

BNA_G

ClientSampleId :

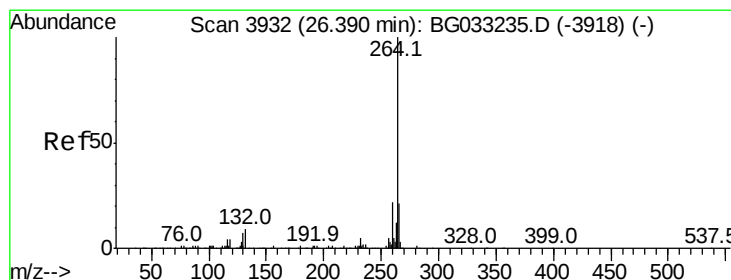
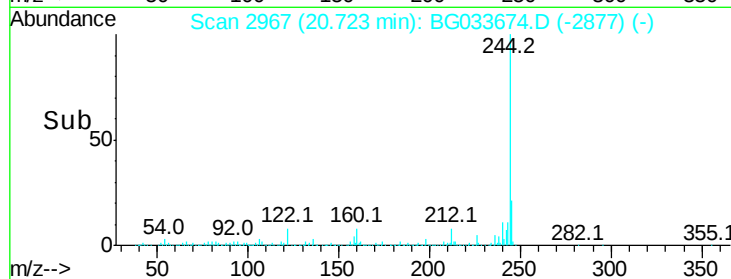
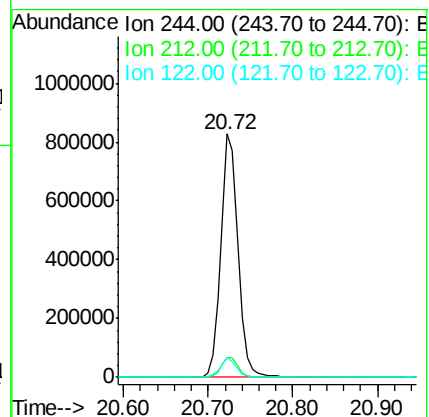
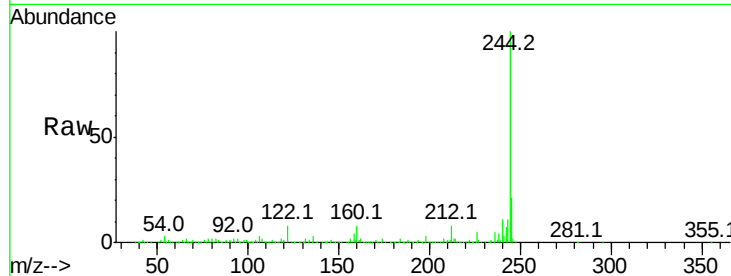
Tot Ion:244 Resp: 1198149

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	8.0	7.0	10.4

244 100

212 8.3 5.8 8.8

122 8.0 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.30 min Scan# 3917

Delta R.T. -0.02 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

Tgt Ion:264 Resp: 353219

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.4	26.0
265	19.4	17.7	26.5

264 100

260 21.4 17.4 26.0

265 19.4 17.7 26.5

