

Data Path : U:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032501.D
 Acq On : 1 Feb 2018 22:15
 Operator : SJ/JU
 Sample : J1408-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 02 02:50:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

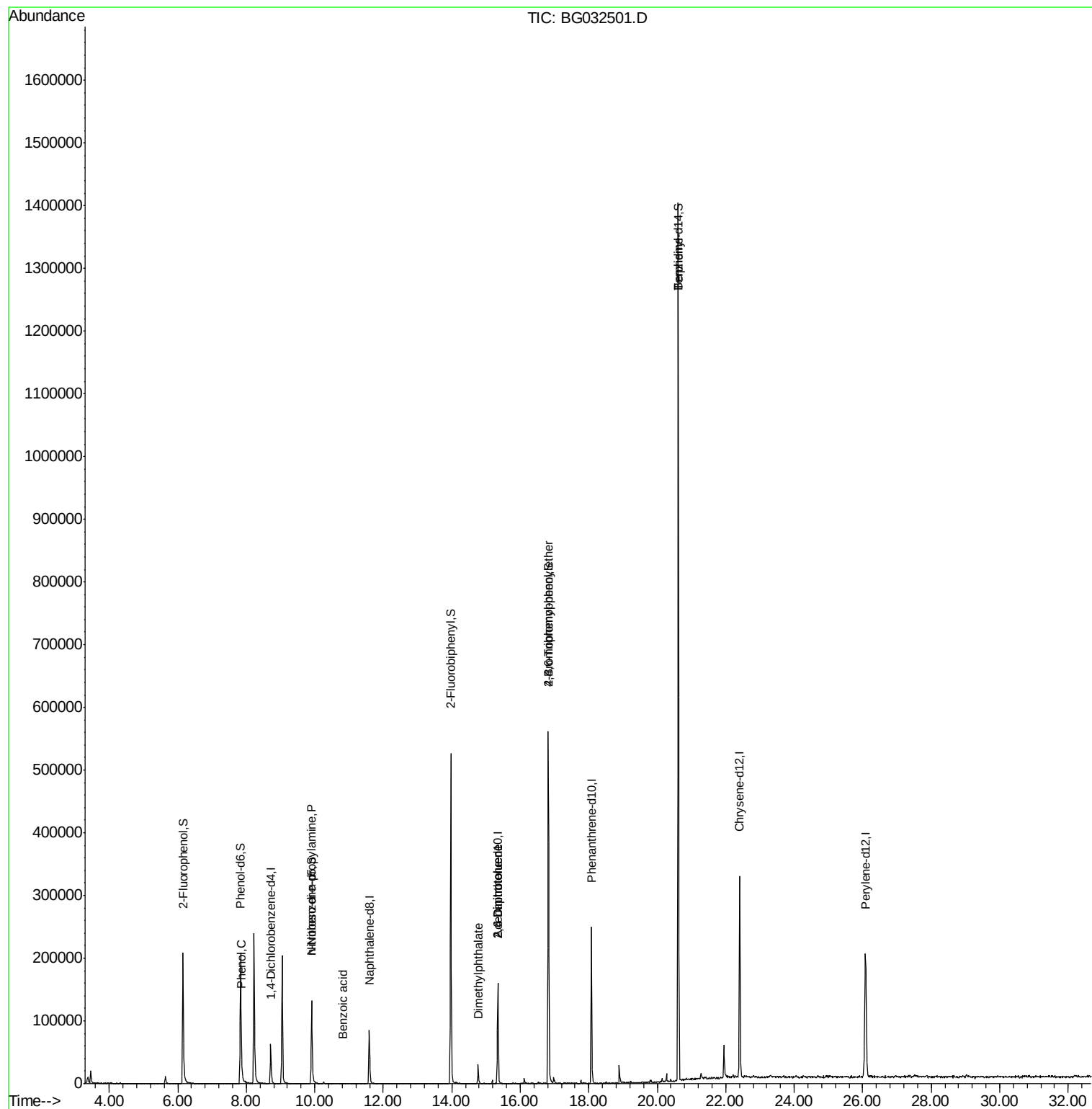
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	23072	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	91764	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	66884	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	186800	20.00	ng	0.00
75) Chrysene-d12	22.41	240	250976	20.00	ng	-0.01
86) Perylene-d12	26.08	264	272817	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	121325	105.62	ng	0.00
7) Phenol-d6	7.84	99	148780	97.06	ng	0.00
23) Nitrobenzene-d5	9.91	82	93237	63.46	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	138417	108.72	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	330108	58.66	ng	-0.02
78) Terphenyl-d14	20.61	244	724849	61.87	ng	-0.01
Target Compounds						
10) Phenol	7.86	94	3029	2.081	ng	# 11
19) n-Nitroso-di-n-propylamine	9.91	70	12758	12.553	ng	# 78
32) Benzoic acid	10.82	122	53	7.332	ng	# 1
49) Dimethylphthalate	14.77	163	26224	4.252	ng	# 94
50) 2,6-Dinitrotoluene	15.34	165	8800	6.799	ng	# 21
56) 2,4-Dinitrotoluene	15.34	165	8800	4.775	ng	# 19
66) 4-Bromophenyl-phenylether	16.82	248	11233	4.059	ng	# 1
76) Benzidine	20.61	184	9897	2.008	ng	# 86

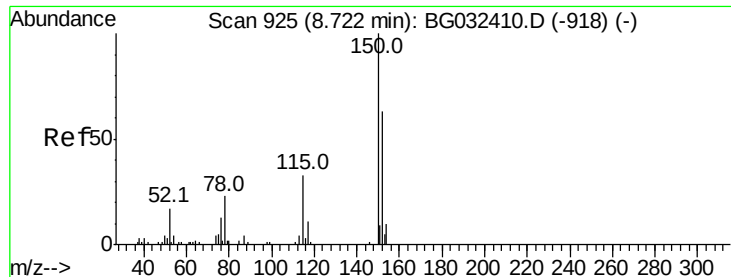
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032501.D
Acq On : 1 Feb 2018 22:15
Operator : SJ/JU
Sample : J1408-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 02 02:50:47 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration



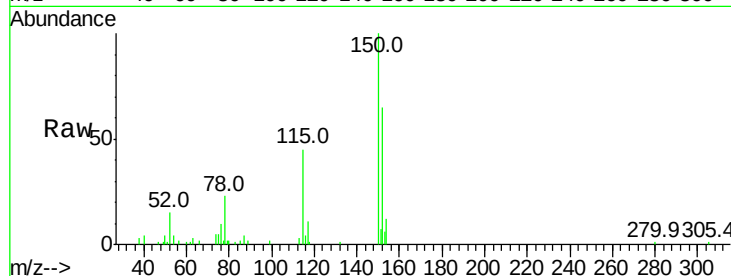


#1

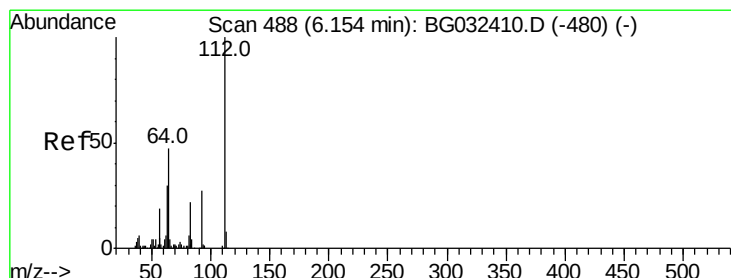
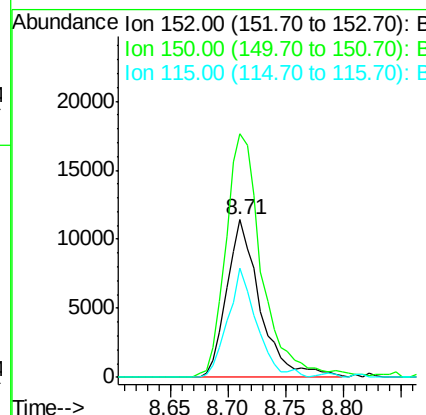
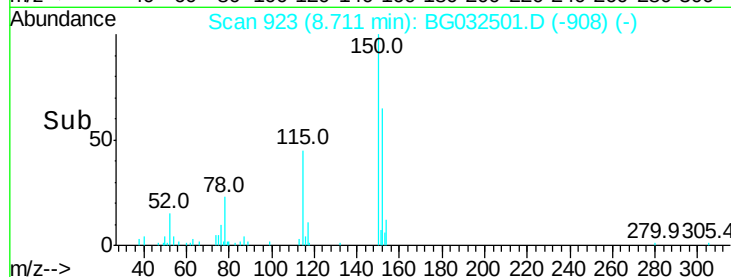
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032501.D
Acq: 1 Feb 2018 22:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 23072
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 69.4 53.0 79.4



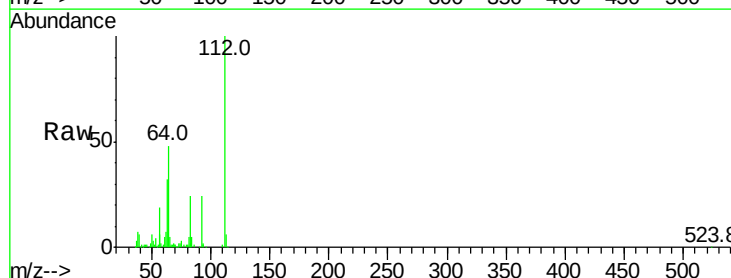
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



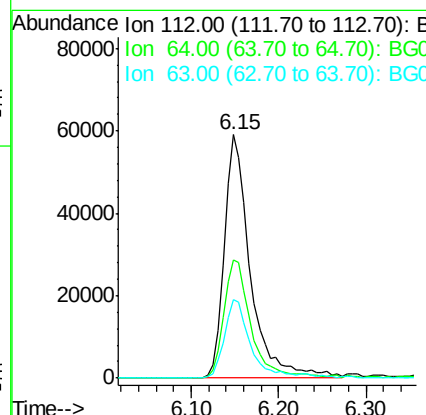
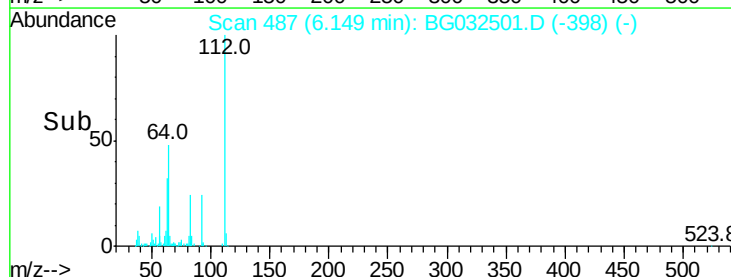
#5

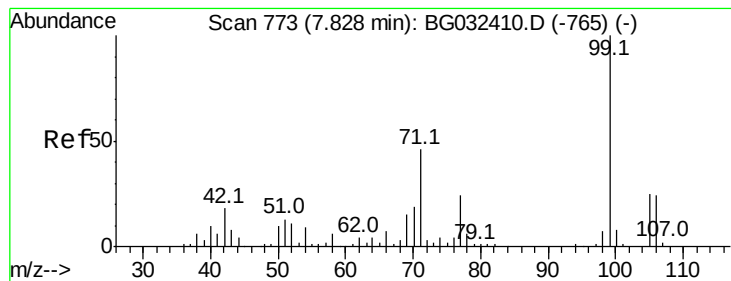
2-Fluorophenol
Concen: 105.621 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG032501.D
Acq: 1 Feb 2018 22:15

Tgt Ion:112 Resp: 121325
Ion Ratio Lower Upper
112 100
64 48.3 56.3 84.5#
63 32.3 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: 97.063 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

Instrument :

BNA_G

ClientSampleId :

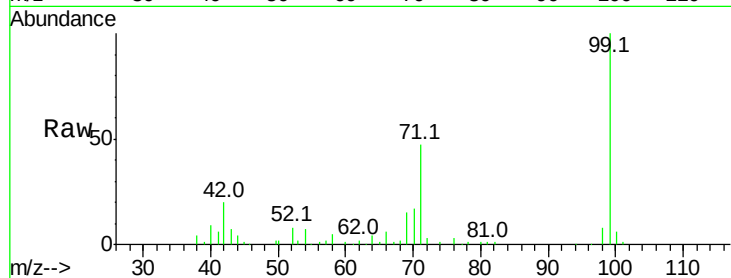
Tot Ion: 99 Resp: 148780

Ion Ratio Lower Upper

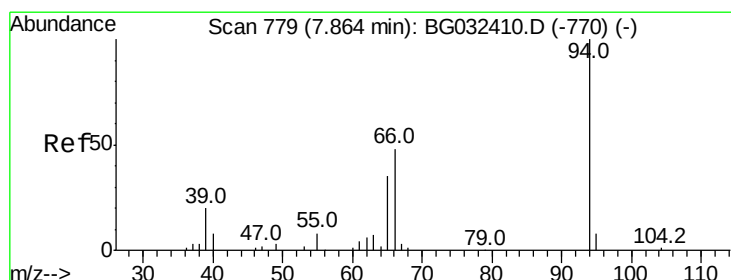
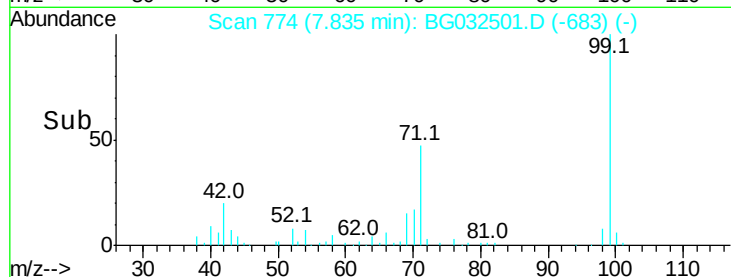
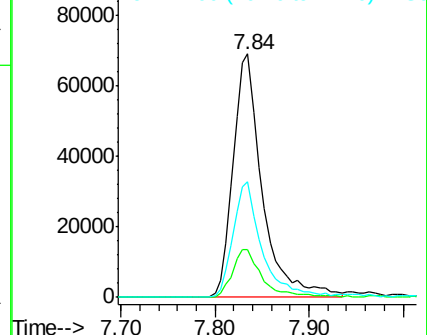
99 100

42 19.7 14.1 21.1

71 47.3 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



#10

Phenol

Concen: 2.081 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

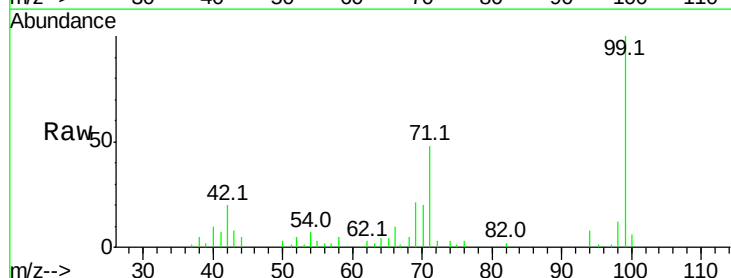
Tgt Ion: 94 Resp: 3029

Ion Ratio Lower Upper

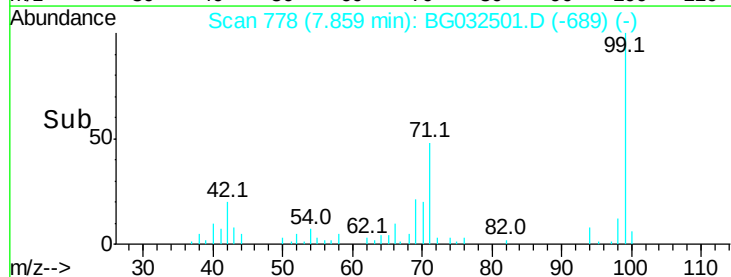
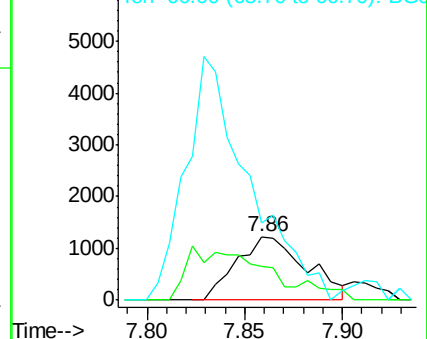
94 100

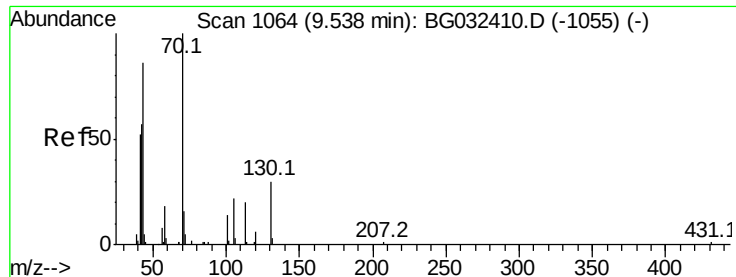
65 53.8 11.9 51.9#

66 122.6 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

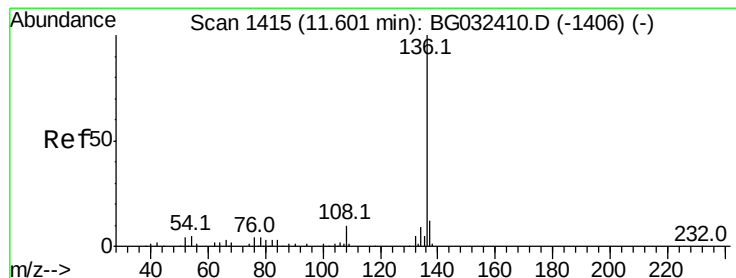
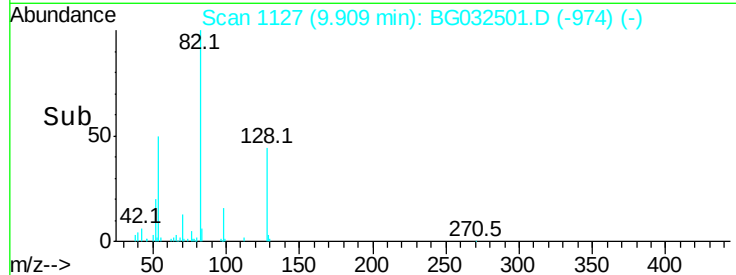
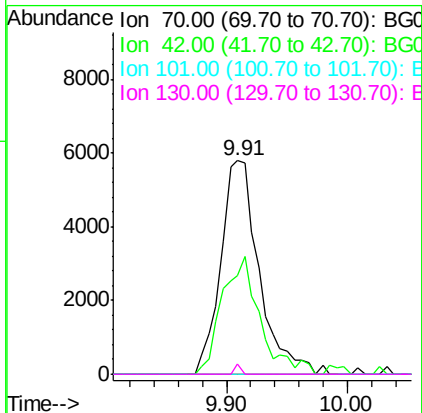
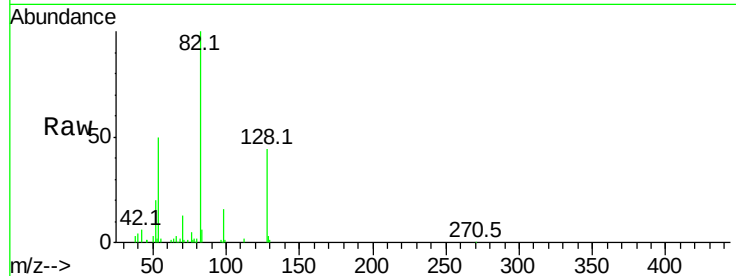




#19
n-Nitroso-di-n-propylamine
Concen: 12.553 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032501.D
Acq: 1 Feb 2018 22:15

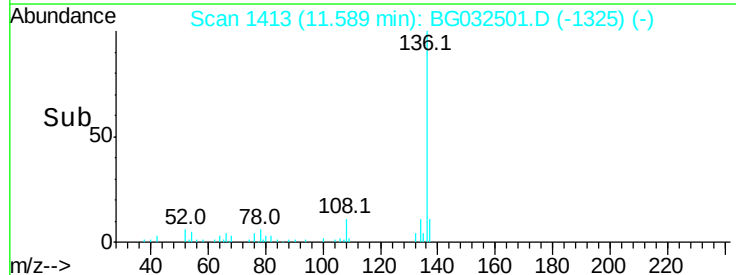
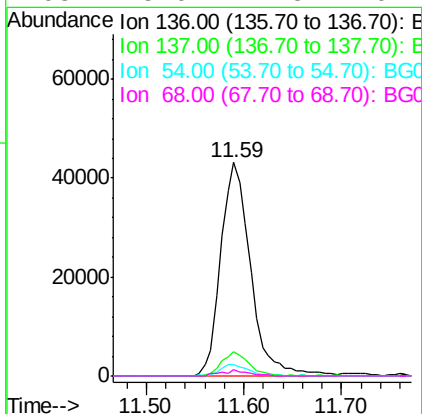
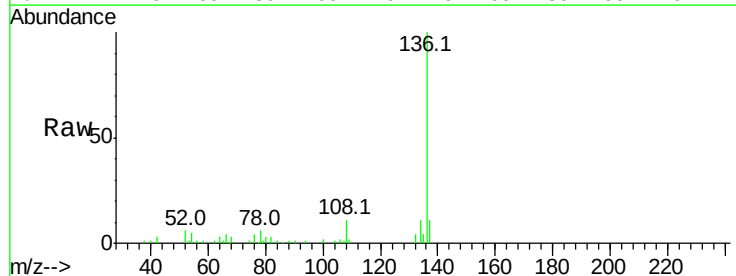
Instrument :
BNA_G
ClientSampleId :

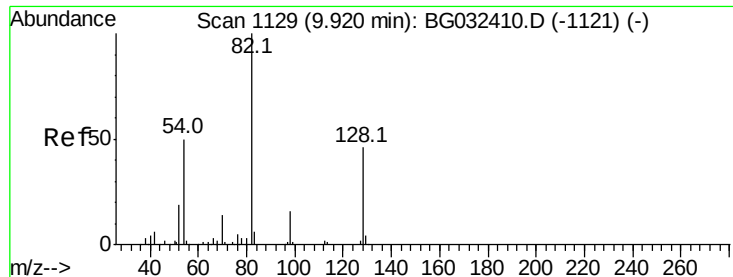
Tot Ion: 70 Resp: 12758
Ion Ratio Lower Upper
70 100
42 46.5 49.1 73.7#
101 0.0 8.5 12.7#
130 4.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032501.D
Acq: 1 Feb 2018 22:15

Tgt Ion: 136 Resp: 91764
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 5.4 10.3 15.5#
68 3.0 4.5 6.7#

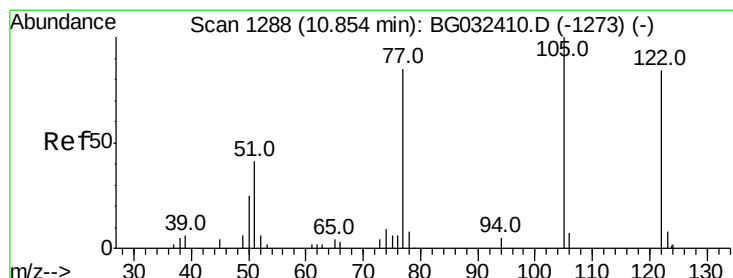
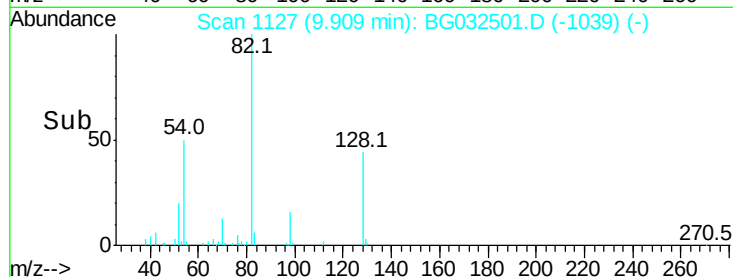
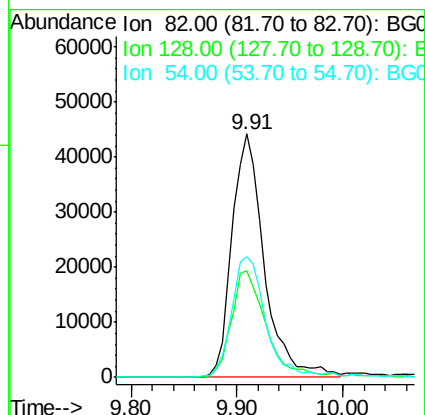
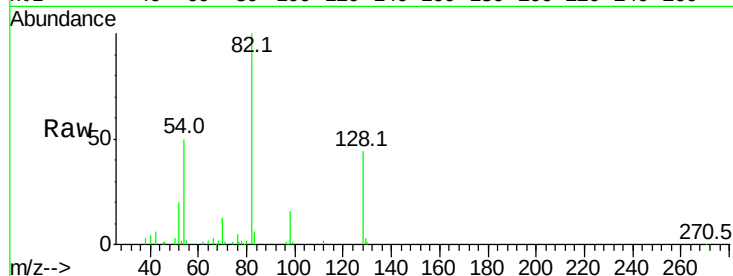




#23
Nitrobenzene-d5
Concen: 63.463 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032501.D
Acq: 1 Feb 2018 22:15

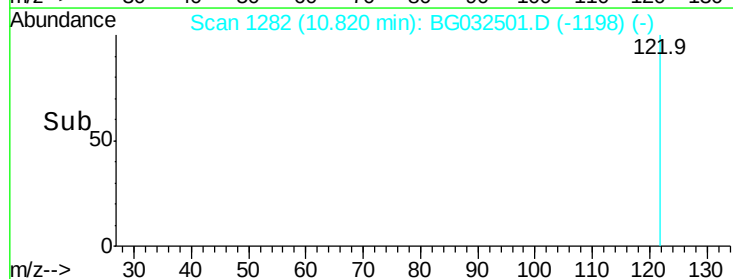
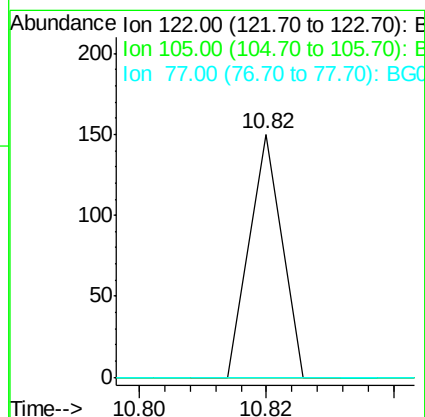
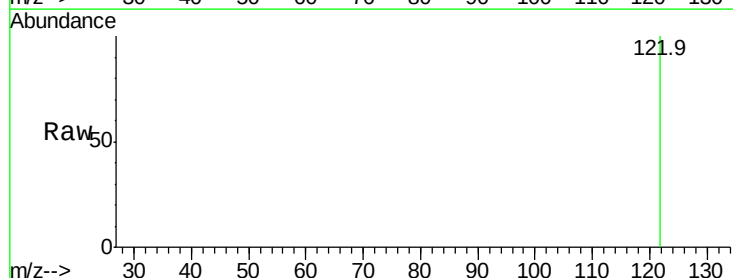
Instrument :
BNA_G
ClientSampled :

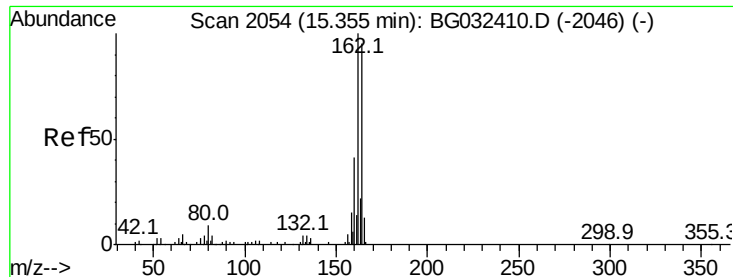
Tot Ion	82	Resp	93237
Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	49.6	43.1	64.7



#32
Benzoic acid
Concen: 7.332 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BG032501.D
Acq: 1 Feb 2018 22:15

Tgt Ion	122	Resp	53
Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

Instrument :

BNA_G

ClientSampleId :

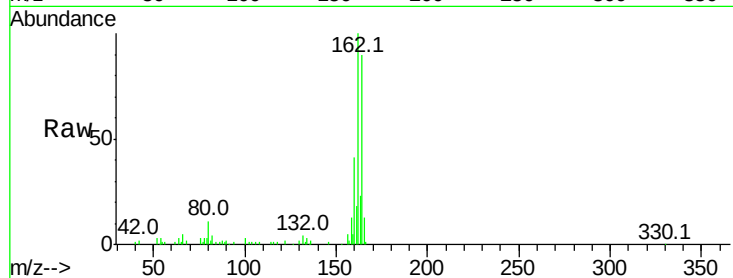
Tot Ion:164 Resp: 66884

Ion Ratio Lower Upper

164 100

162 111.2 78.8 118.2

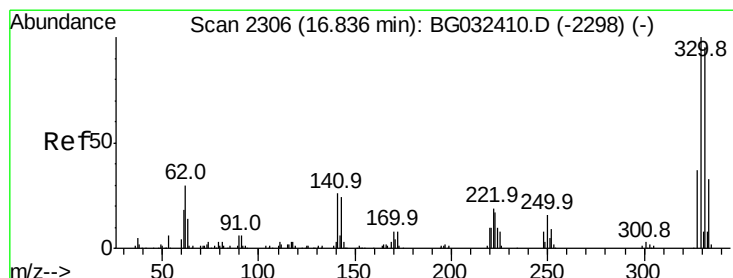
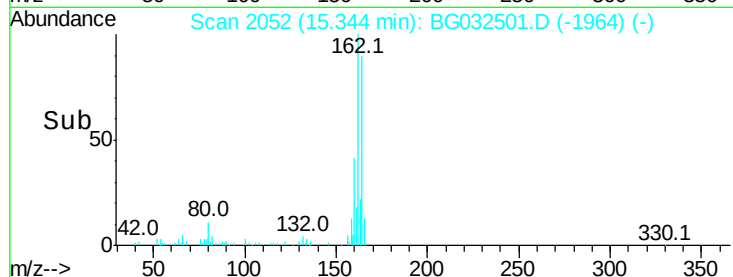
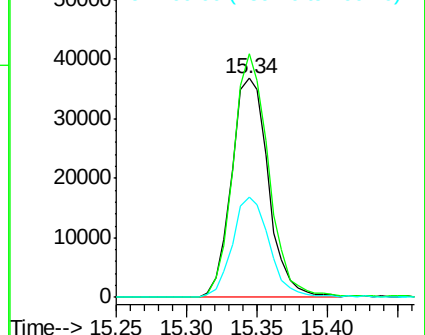
160 45.9 35.4 53.0



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: 108.721 ng

RT: 16.82 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

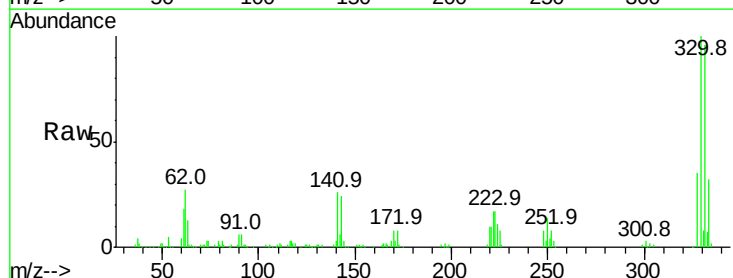
Tgt Ion:330 Resp: 138417

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

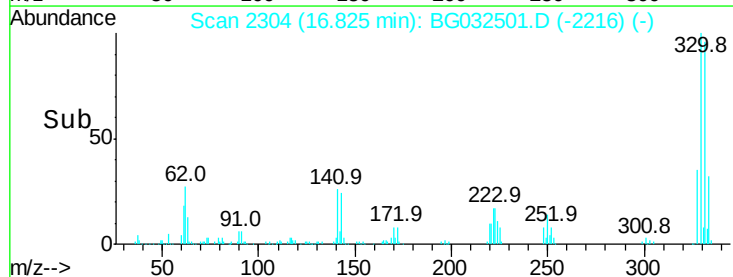
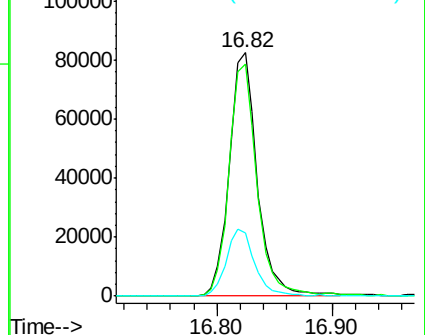
141 27.9 25.2 37.8

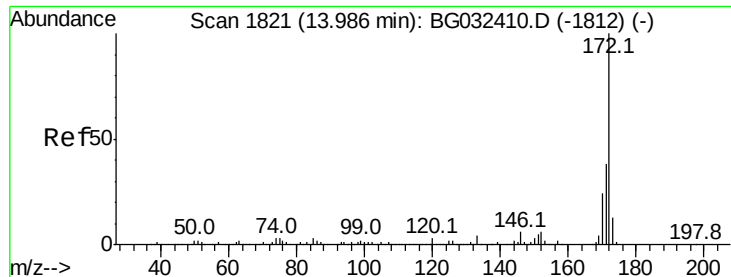


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

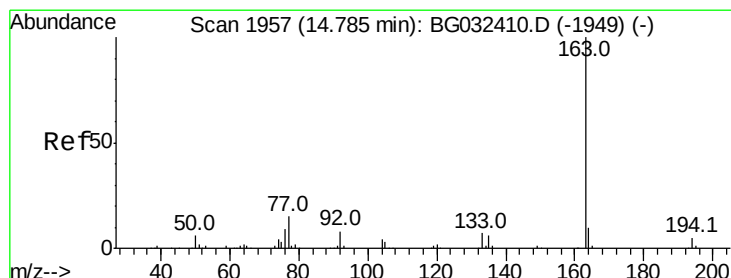
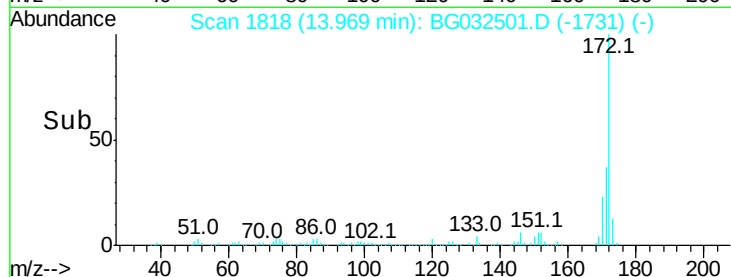
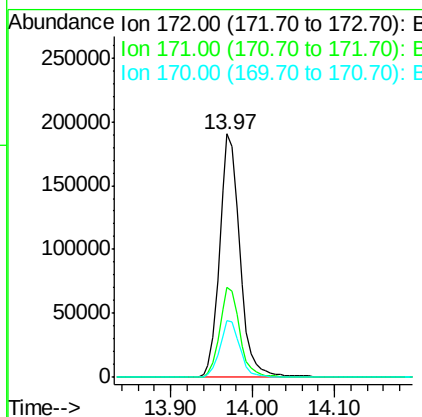
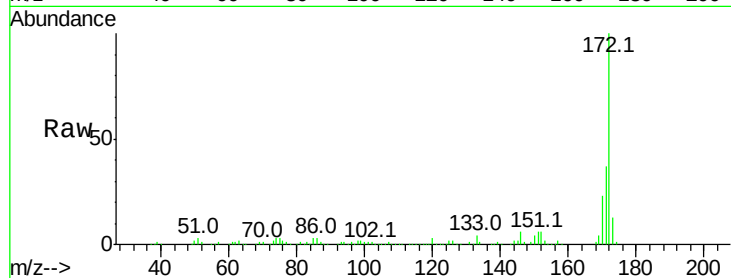




#44
2-Fluorobiphenyl
Concen: 58.662 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BG032501.D
Acq: 1 Feb 2018 22:15

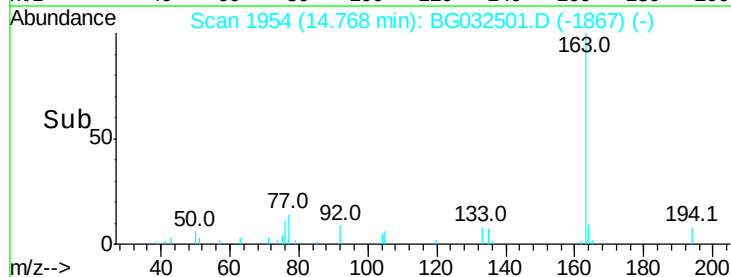
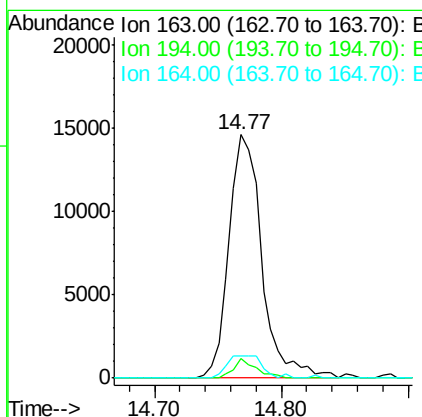
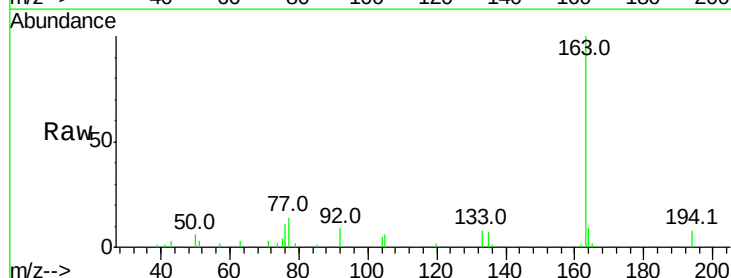
Instrument :
BNA_G
ClientSampleId :

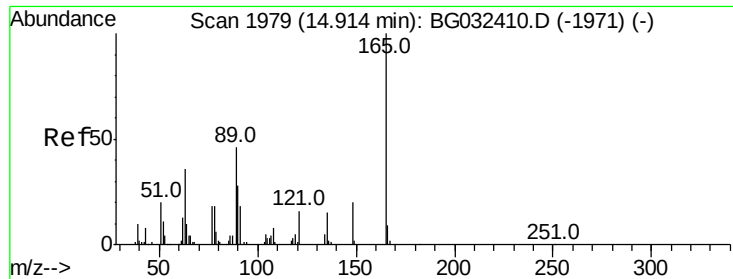
Tot Ion:172 Resp: 330108
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 23.3 19.5 29.3



#49
Dimethylphthalate
Concen: 4.252 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG032501.D
Acq: 1 Feb 2018 22:15

Tgt Ion:163 Resp: 26224
Ion Ratio Lower Upper
163 100
194 7.9 3.4 5.2#
164 9.0 8.2 12.4

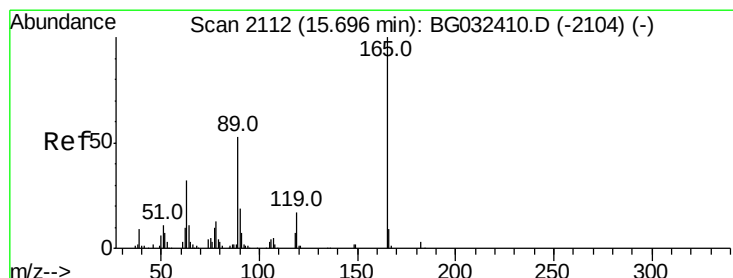
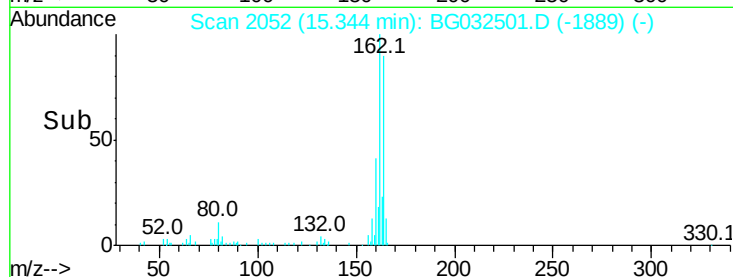
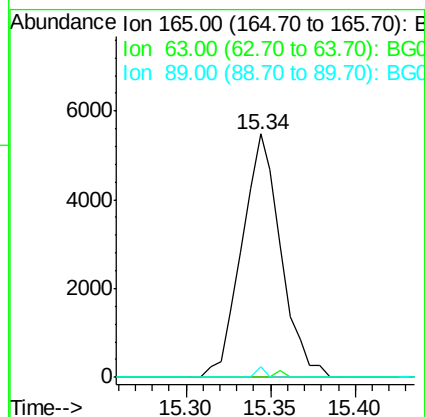
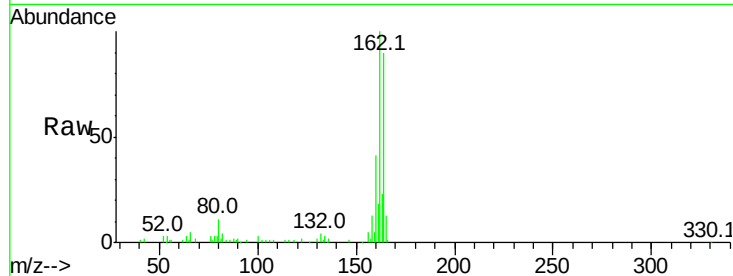




#50
2,6-Dinitrotoluene
Concen: 6.799 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032501.D
Acq: 1 Feb 2018 22:15

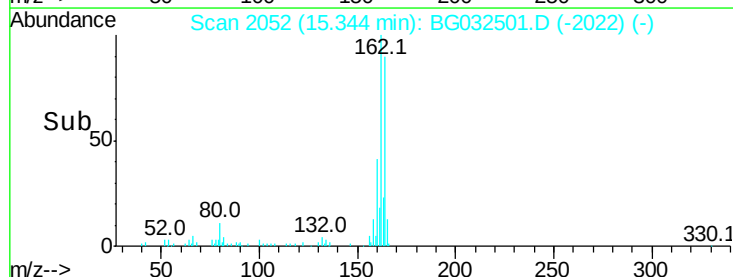
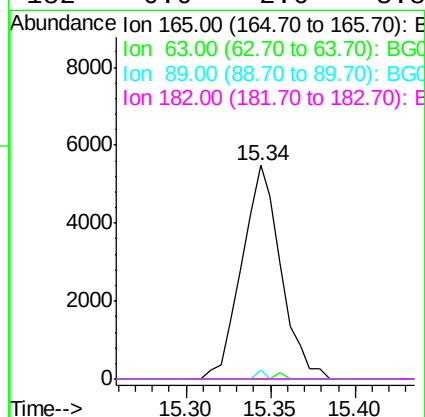
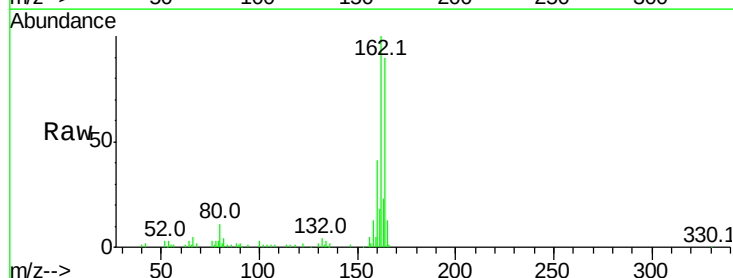
Instrument :
BNA_G
ClientSampleId :

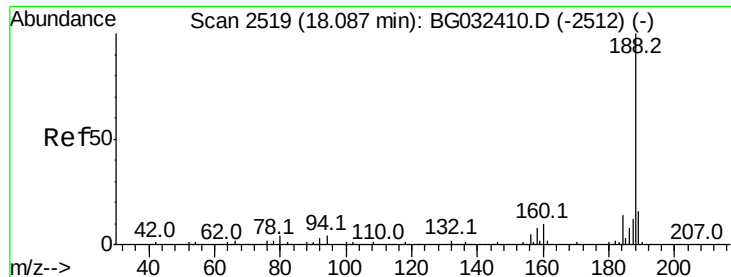
Tot Ion:165 Resp: 8800
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 4.4 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 4.775 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032501.D
Acq: 1 Feb 2018 22:15

Tgt Ion:165 Resp: 8800
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 4.4 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

Instrument :

BNA_G

ClientSampled :

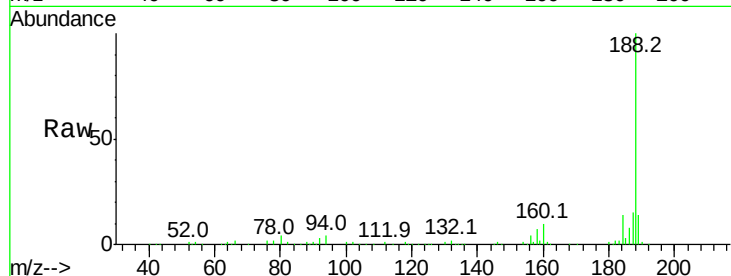
Tot Ion:188 Resp: 186800

Ion Ratio Lower Upper

188 100

94 3.8 6.9 10.3#

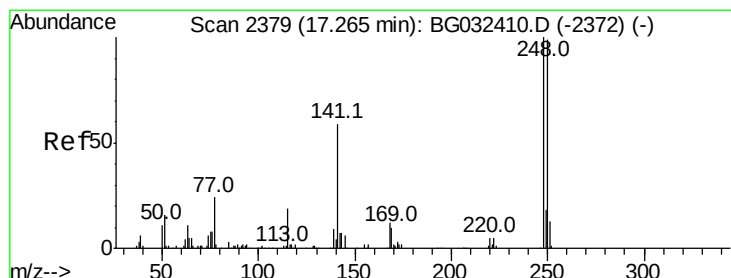
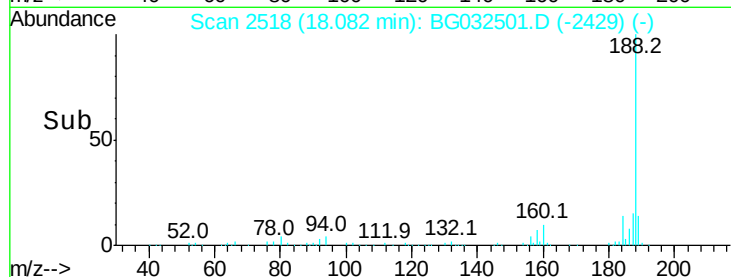
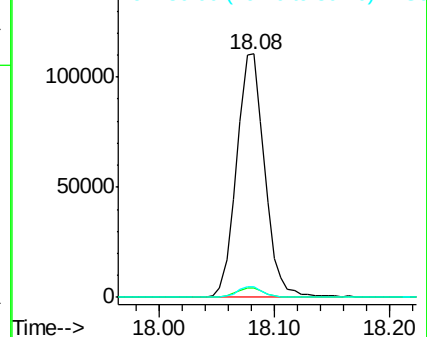
80 4.2 7.7 11.5#



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



#66

4-Bromophenyl-phenylether

Concen: 4.059 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.45 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

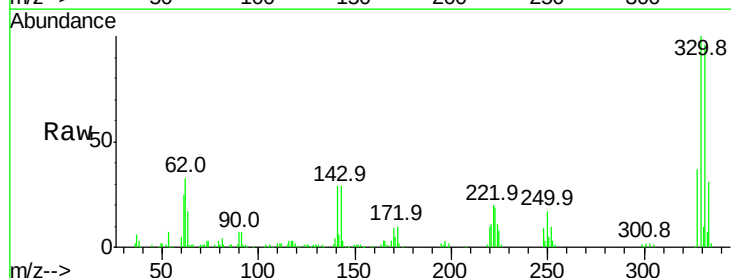
Tgt Ion:248 Resp: 11233

Ion Ratio Lower Upper

248 100

250 188.7 77.1 115.7#

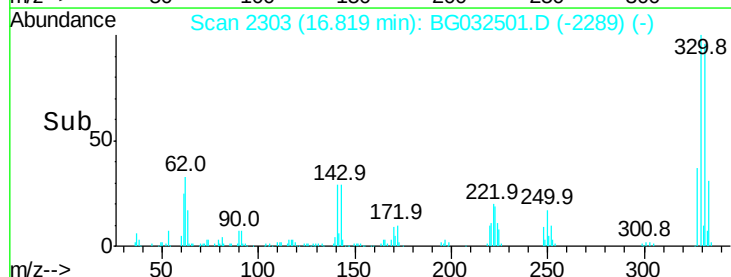
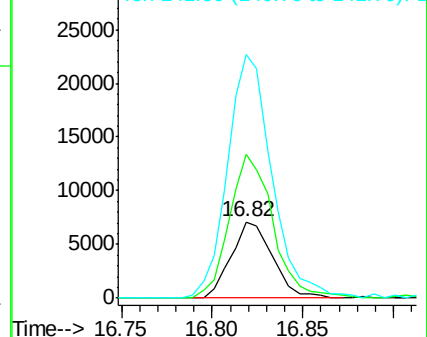
141 320.2 50.8 76.2#

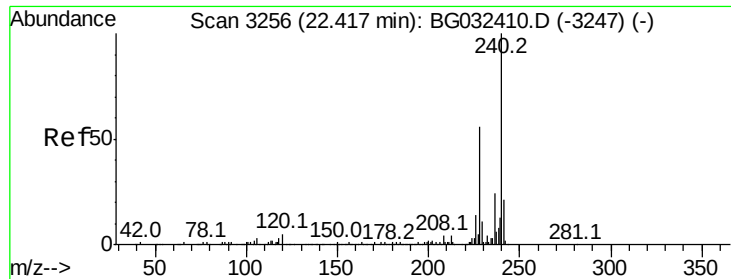


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

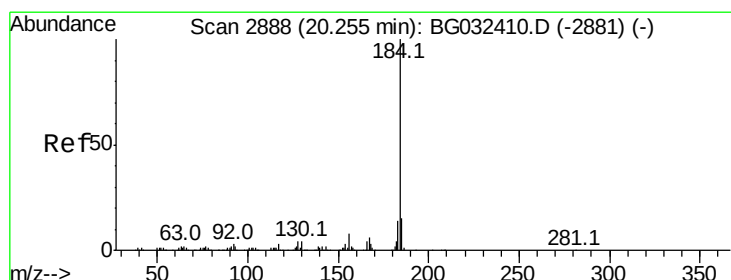
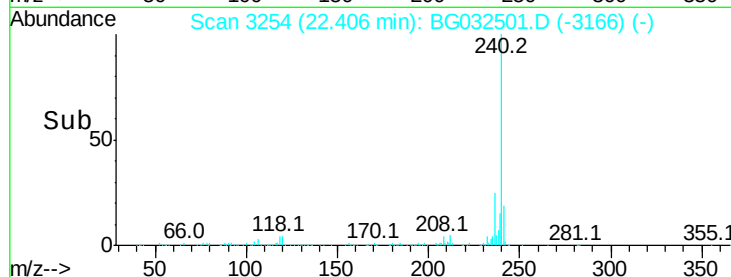
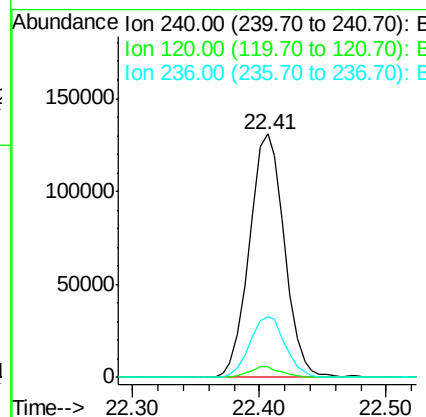
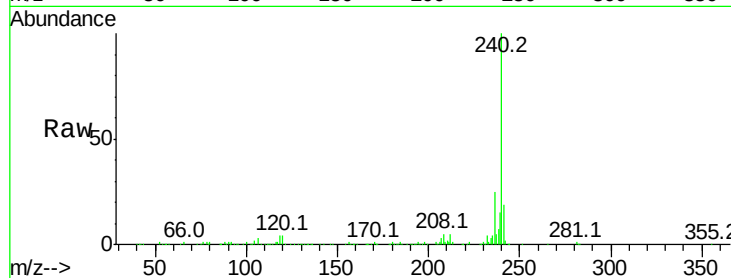




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3254
 Delta R.T. -0.01 min
 Lab File: BG032501.D
 Acq: 1 Feb 2018 22:15

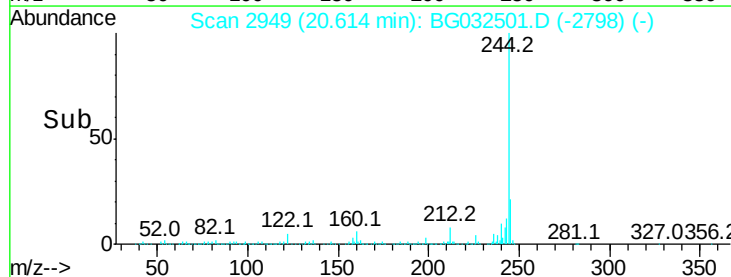
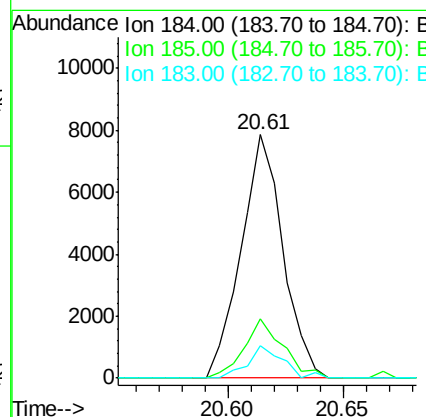
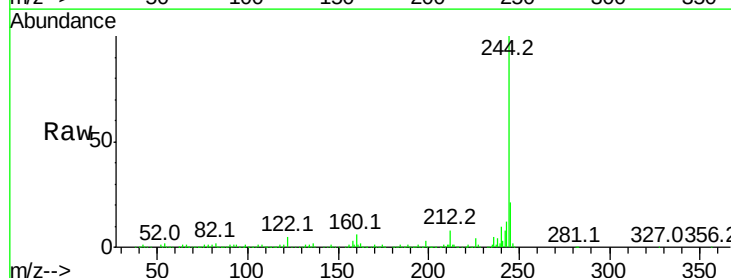
Instrument :
 BNA_G
 ClientSampleId :

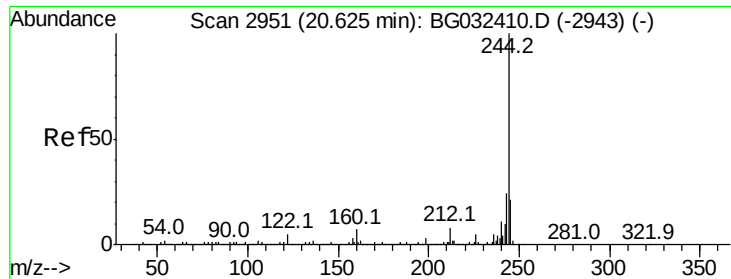
Tot Ion:240 Resp: 250976
 Ion Ratio Lower Upper
 240 100
 120 4.4 6.8 10.2#
 236 25.1 20.9 31.3



#76
 Benzidine
 Concen: 2.008 ng
 RT: 20.61 min Scan# 2949
 Delta R.T. 0.36 min
 Lab File: BG032501.D
 Acq: 1 Feb 2018 22:15

Tgt Ion:184 Resp: 9897
 Ion Ratio Lower Upper
 184 100
 185 24.6 11.1 16.7#
 183 13.5 10.6 16.0





#78

Terphenyl-d14

Concen: 61.866 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

Instrument :

BNA_G

ClientSampleId :

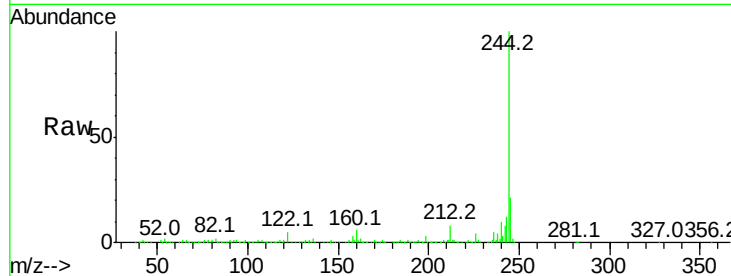
Tot Ion:244 Resp: 724849

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

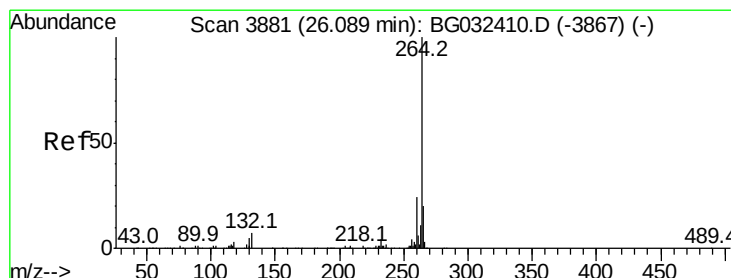
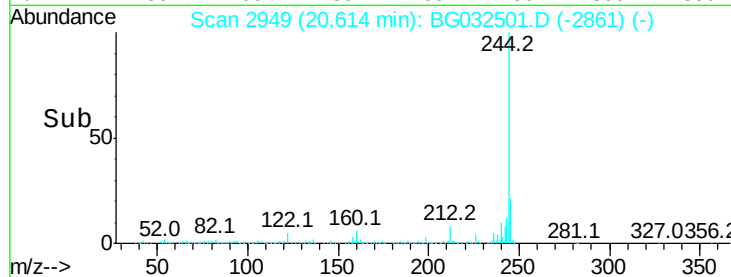
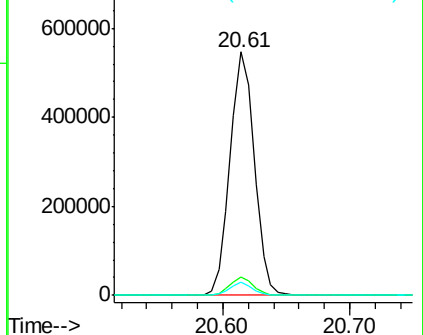
122 5.2 7.0 10.4#



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: 26.08 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BG032501.D

Acq: 1 Feb 2018 22:15

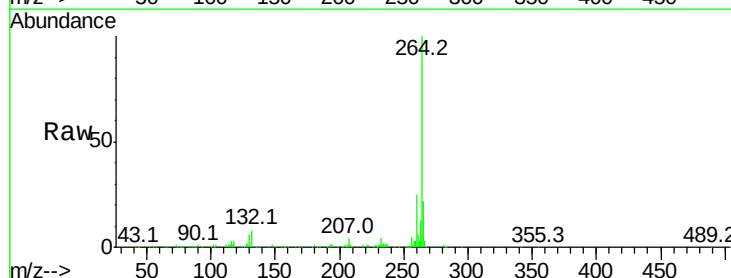
Tgt Ion:264 Resp: 272817

Ion Ratio Lower Upper

264 100

260 25.1 17.4 26.0

265 22.4 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

