

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032471.D
 Acq On : 31 Jan 2018 18:38
 Operator : SJ/JU
 Sample : J1015-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 01 01:39:11 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

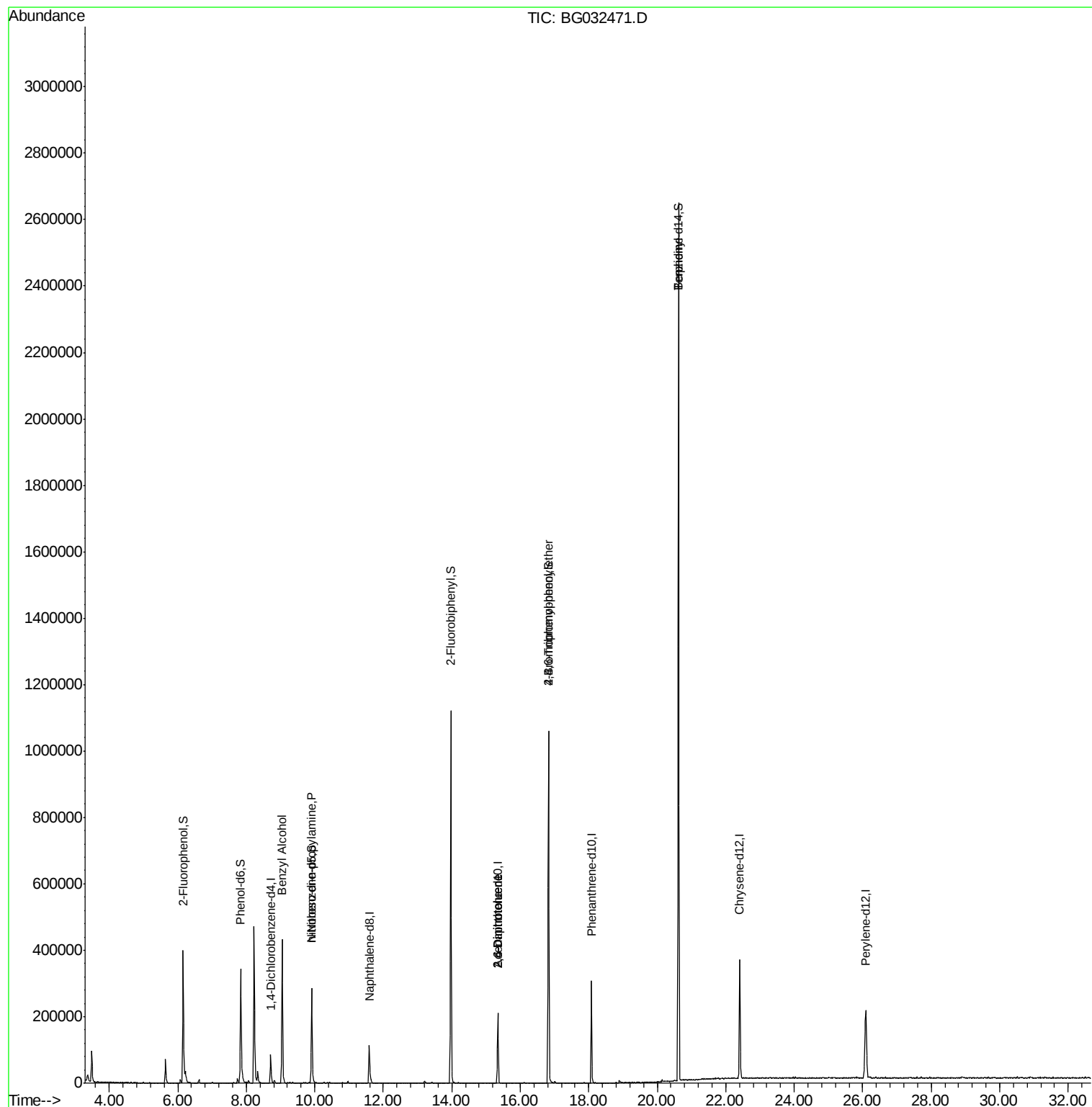
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	31805	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	118876	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	81416	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	218460	20.00	ng	0.00
75) Chrysene-d12	22.41	240	279703	20.00	ng	-0.01
86) Perylene-d12	26.09	264	301027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	212210	134.02	ng	0.00
7) Phenol-d6	7.84	99	236423	111.89	ng	0.00
23) Nitrobenzene-d5	9.91	82	189824	99.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	250480	161.63	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	672216	98.13	ng	-0.01
78) Terphenyl-d14	20.62	244	1366775	104.67	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.05	79	3926	2.254	ng	# 45
19) n-Nitroso-di-n-propylamine	9.92	70	27838	19.870	ng	# 79
50) 2,6-Dinitrotoluene	15.34	165	10570	6.708	ng	# 20
56) 2,4-Dinitrotoluene	15.34	165	10570	4.712	ng	# 18
66) 4-Bromophenyl-phenylether	16.83	248	21700	6.705	ng	# 1
76) Benzidine	20.62	184	21360	3.889	ng	# 94

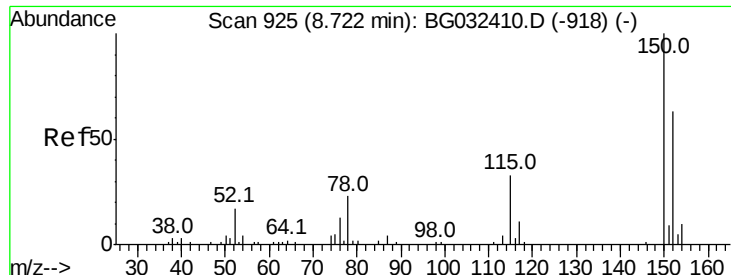
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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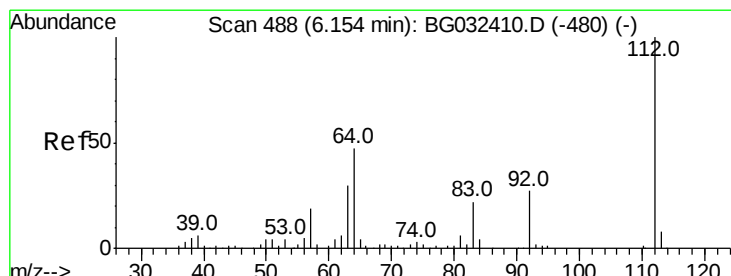
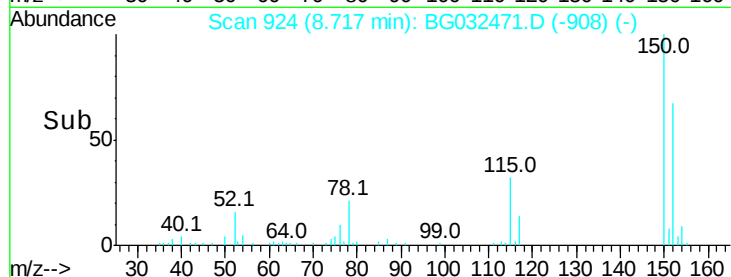
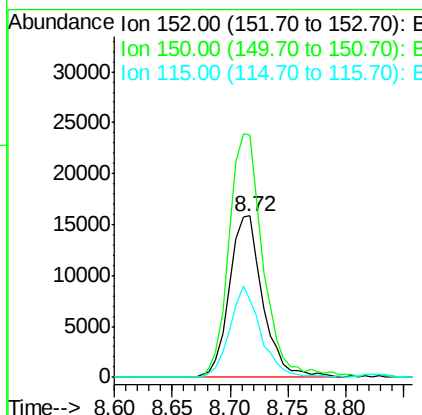
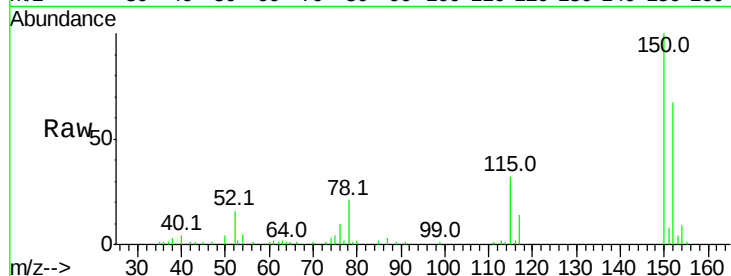


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032471.D
Acq: 31 Jan 2018 18:38

Instrument :
BNA_G
ClientSampleId :

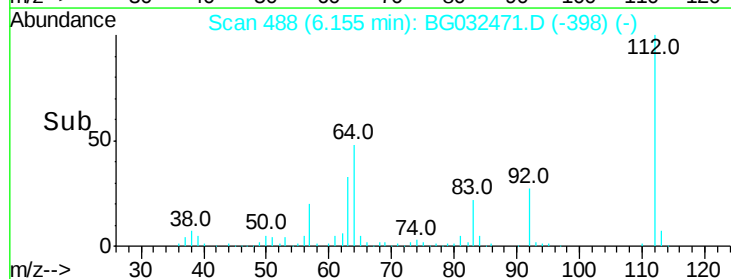
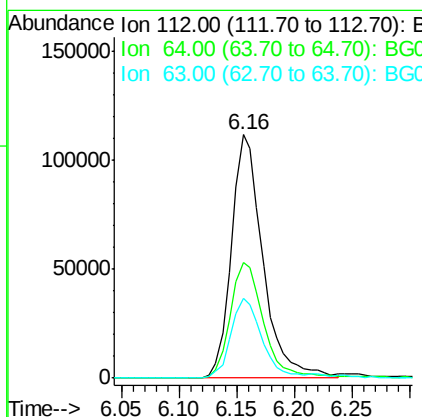
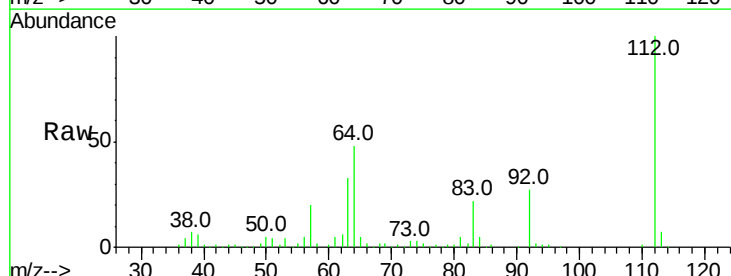
Tot Ion:152 Resp: 31805
Ion Ratio Lower Upper
152 100
150 149.6 126.6 189.8
115 48.1 53.0 79.4#

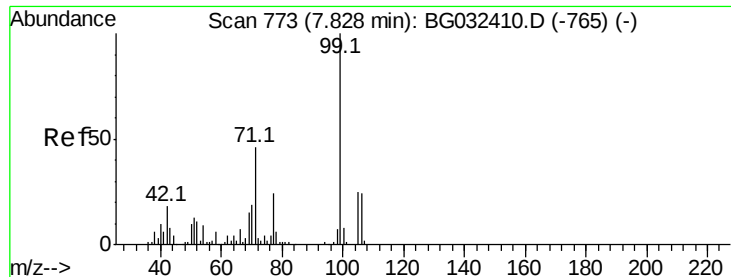


#5

2-Fluorophenol
Concen: 134.015 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032471.D
Acq: 31 Jan 2018 18:38

Tgt Ion:112 Resp: 212210
Ion Ratio Lower Upper
112 100
64 47.5 56.3 84.5#
63 33.0 30.1 45.1





#7

Phenol-d6

Concen: 111.889 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032471.D

Acq: 31 Jan 2018 18:38

Instrument :

BNA_G

ClientSampleId :

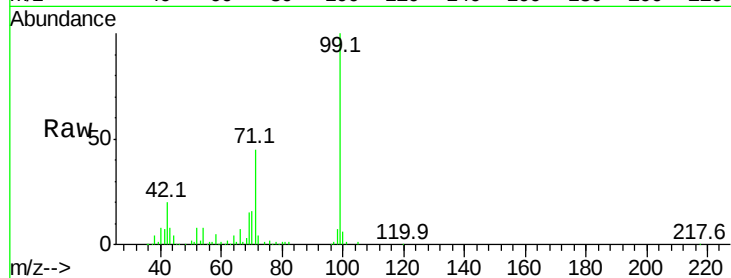
Tot Ion: 99 Resp: 236423

Ion Ratio Lower Upper

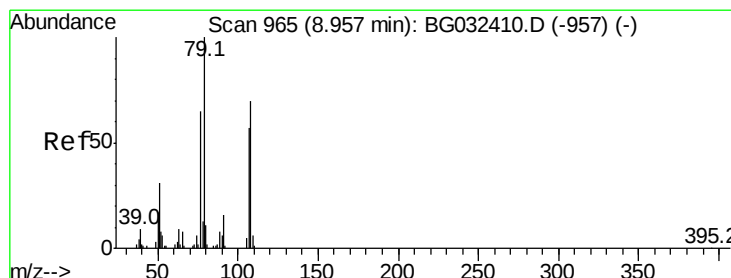
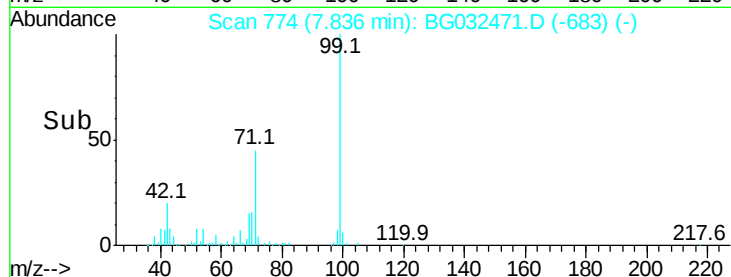
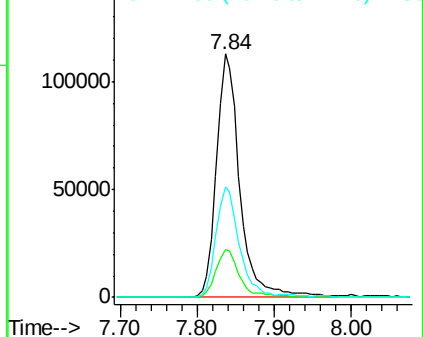
99 100

42 19.9 14.1 21.1

71 45.1 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



#15

Benzyl Alcohol

Concen: 2.254 ng

RT: 9.05 min Scan# 981

Delta R.T. 0.10 min

Lab File: BG032471.D

Acq: 31 Jan 2018 18:38

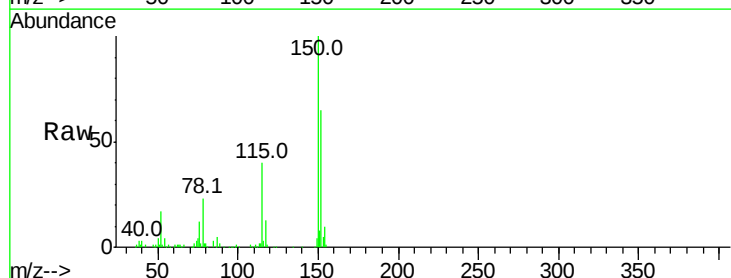
Tgt Ion: 79 Resp: 3926

Ion Ratio Lower Upper

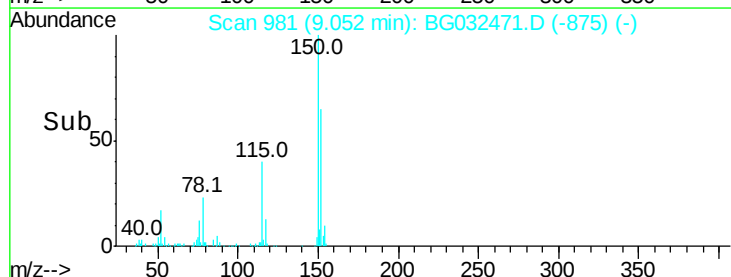
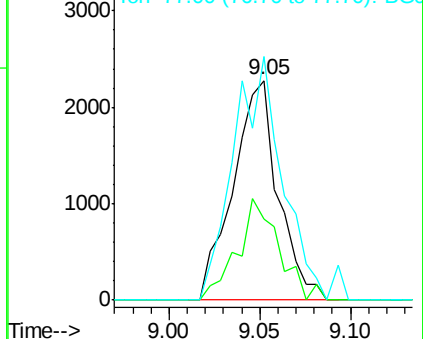
79 100

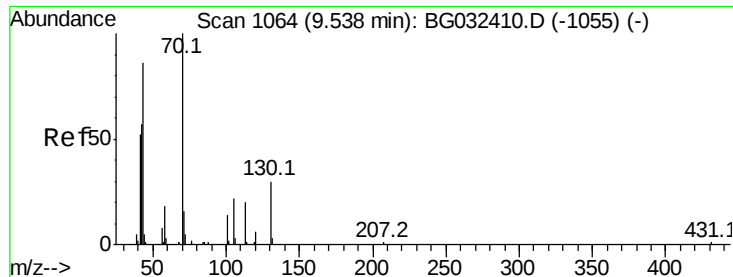
108 36.9 57.2 85.8#

77 110.9 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

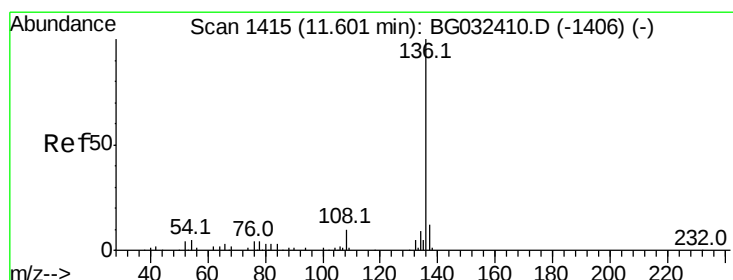
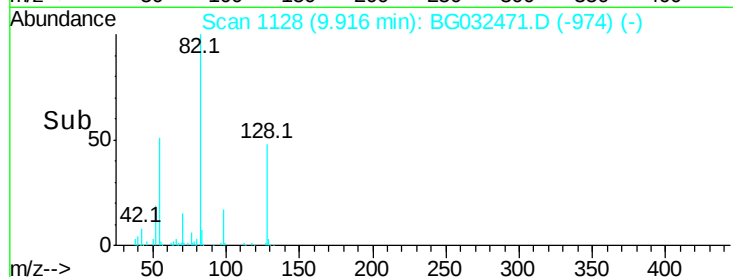
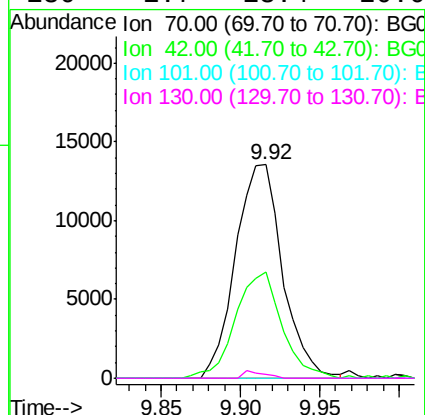
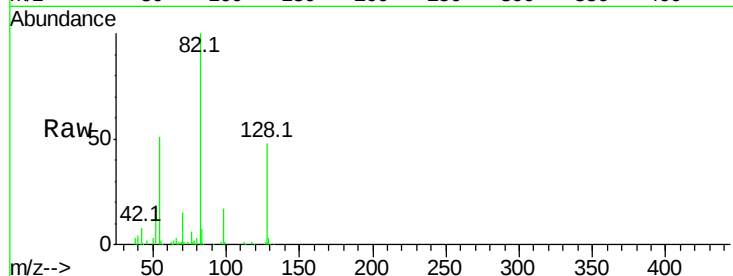




#19
n-Nitroso-di-n-propylamine
Concen: 19.870 ng
RT: 9.92 min Scan# 1128
Delta R.T. 0.38 min
Lab File: BG032471.D
Acq: 31 Jan 2018 18:38

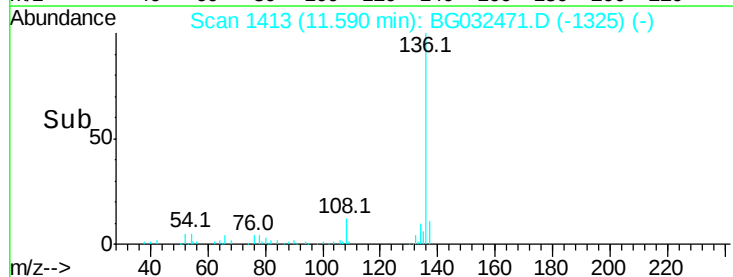
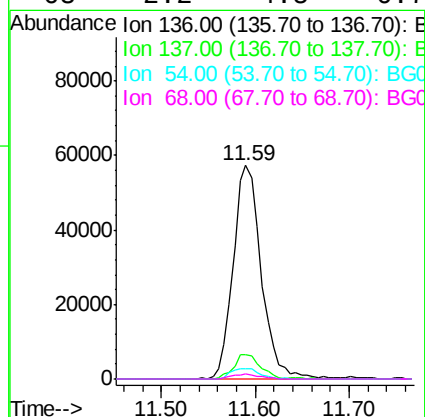
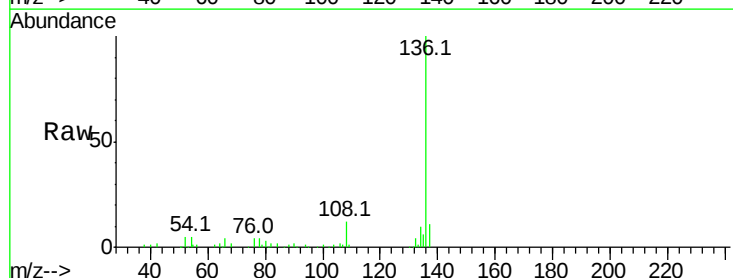
Instrument :
BNA_G
ClientSampleId :

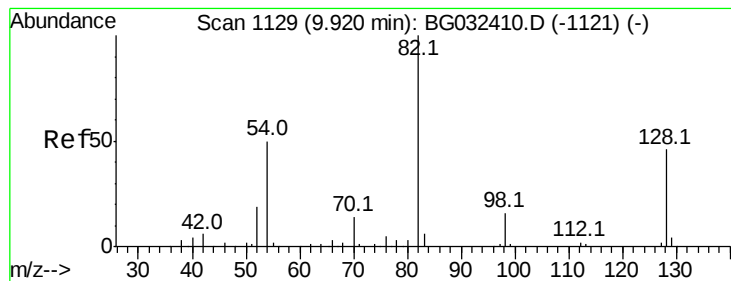
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.1	73.7
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032471.D
Acq: 31 Jan 2018 18:38

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.6	10.3	15.5#
68	2.2	4.5	6.7#





#23

Nitrobenzene-d5

Concen: 99.738 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG032471.D

Acq: 31 Jan 2018 18:38

Instrument :

BNA_G

ClientSampleId :

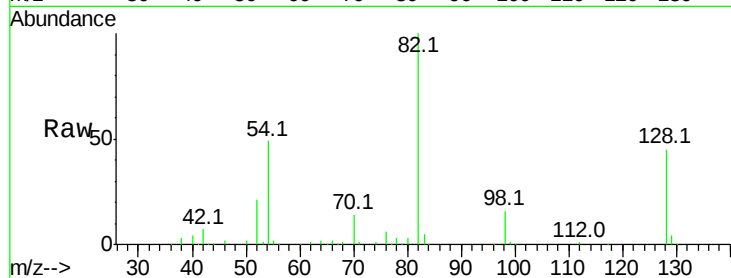
Tot Ion: 82 Resp: 189824

Ion Ratio Lower Upper

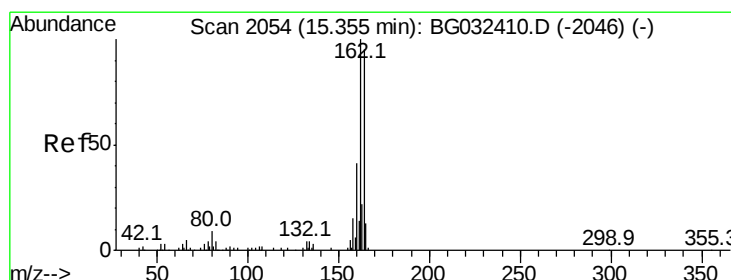
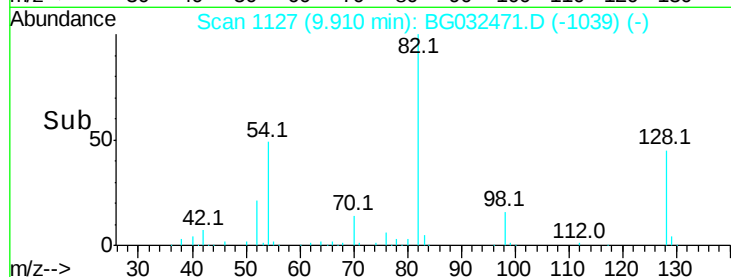
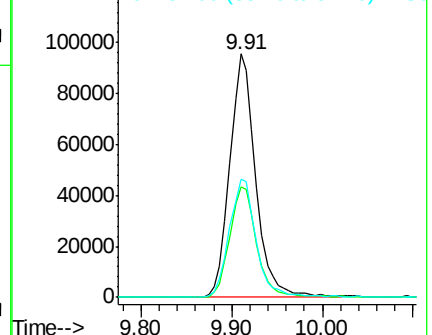
82 100

128 45.3 29.7 44.5#

54 48.6 43.1 64.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032471.D

Acq: 31 Jan 2018 18:38

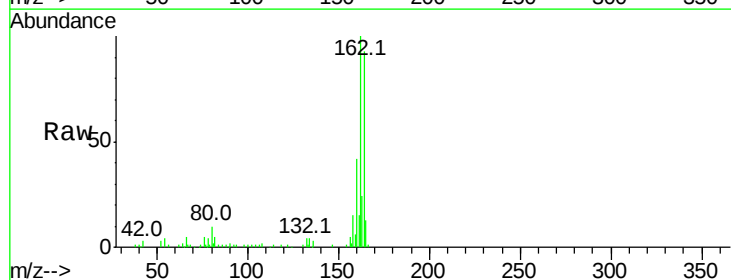
Tgt Ion:164 Resp: 81416

Ion Ratio Lower Upper

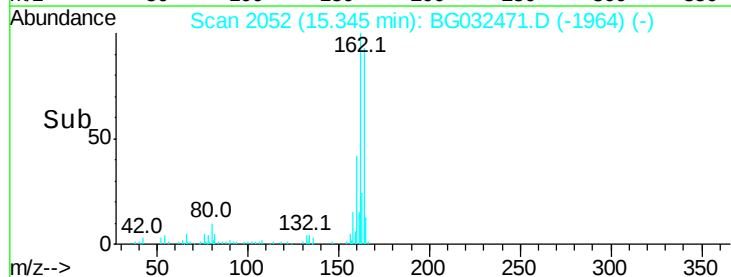
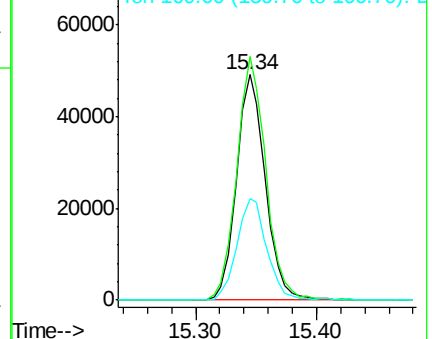
164 100

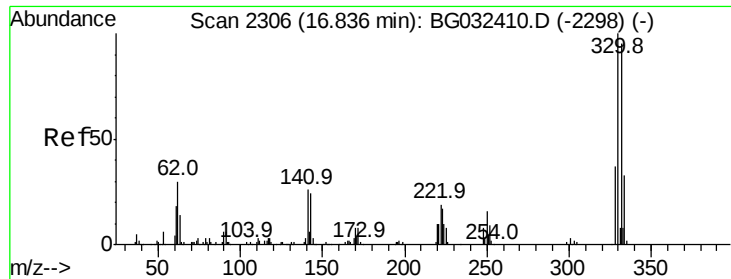
162 107.9 78.8 118.2

160 45.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

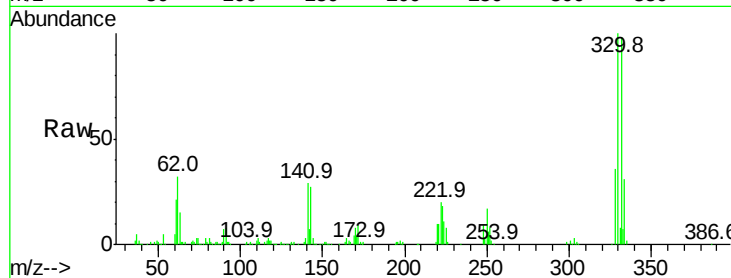




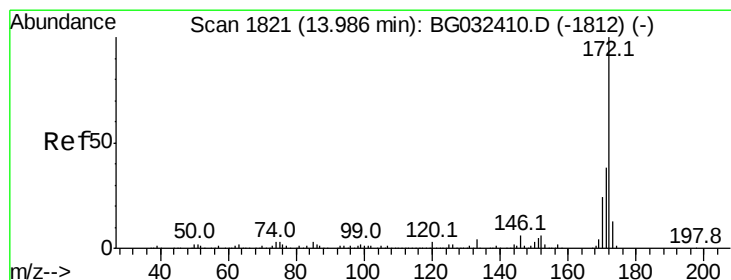
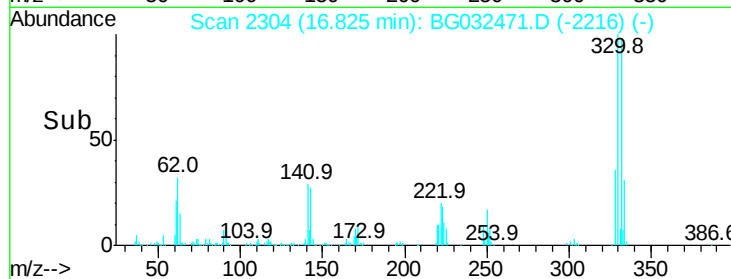
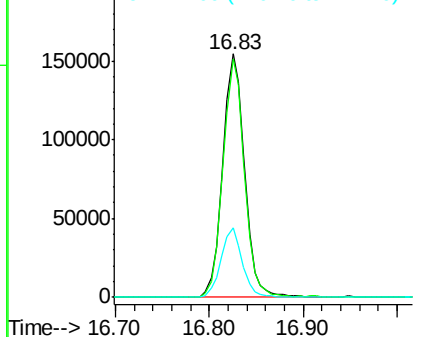
#41
 2,4,6-Tribromophenol
 Concen: 161.626 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 250480
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 27.8 25.2 37.8

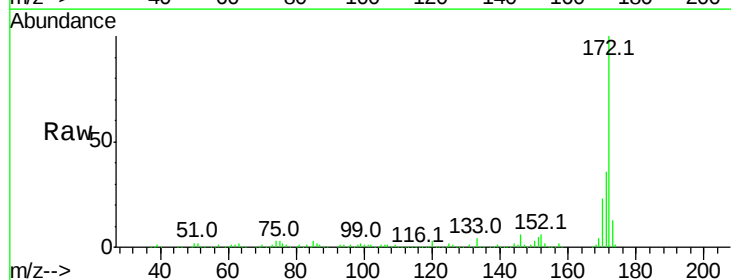


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

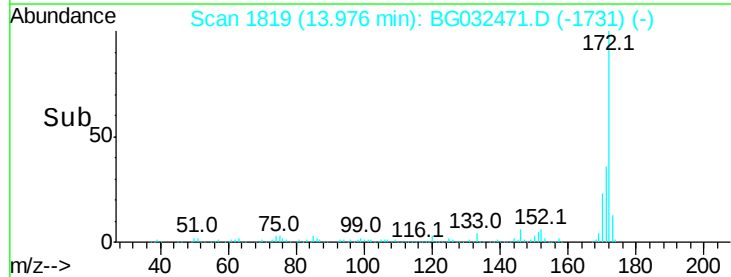
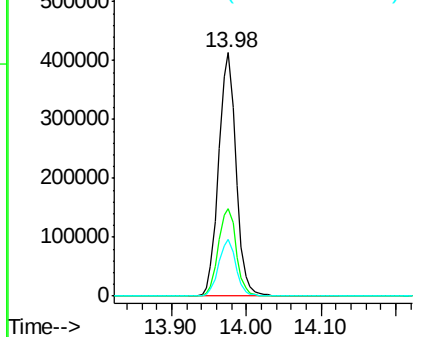


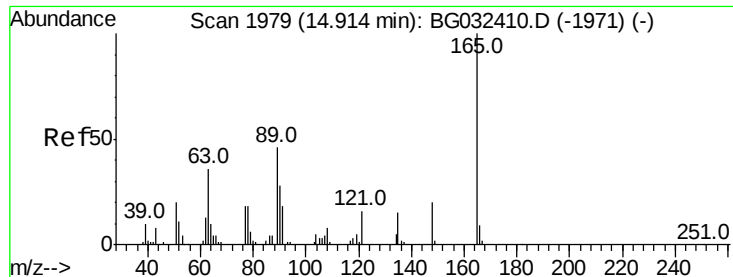
#44
 2-Fluorobiphenyl
 Concen: 98.135 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

Tgt Ion:172 Resp: 672216
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.0 45.0
 170 23.4 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

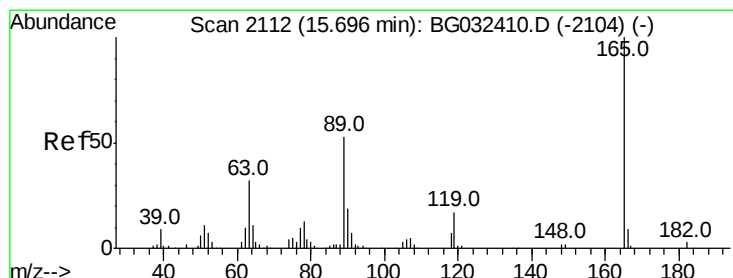
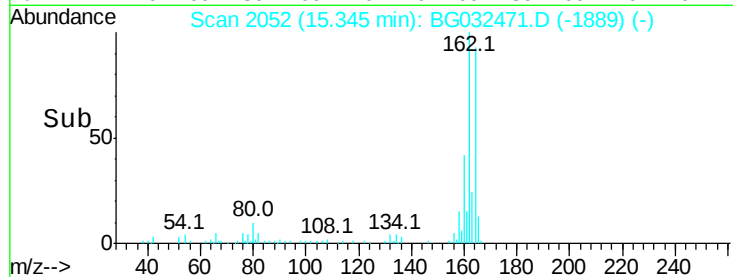
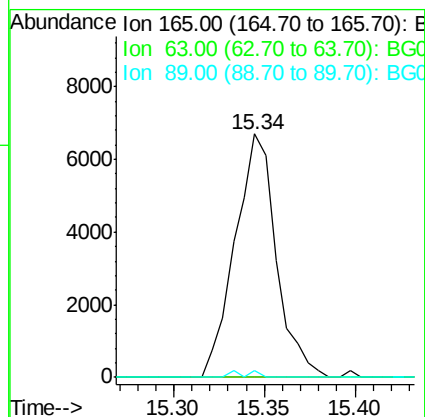
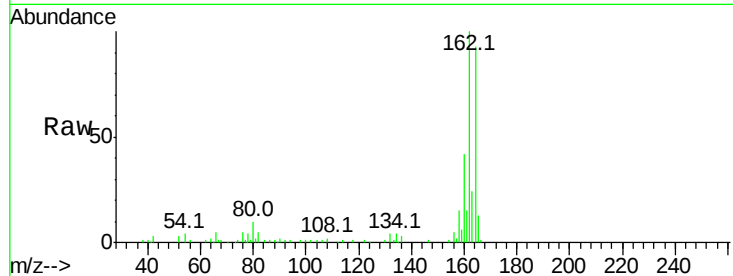




#50
 2,6-Dinitrotoluene
 Concen: 6.708 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. 0.43 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

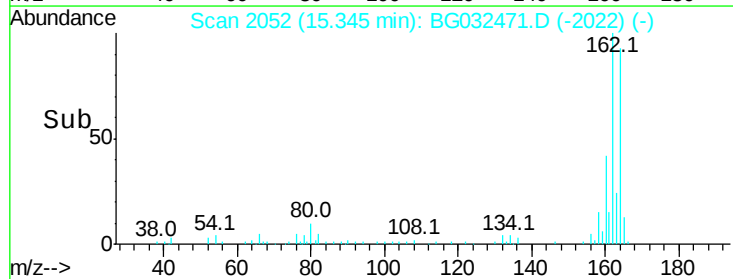
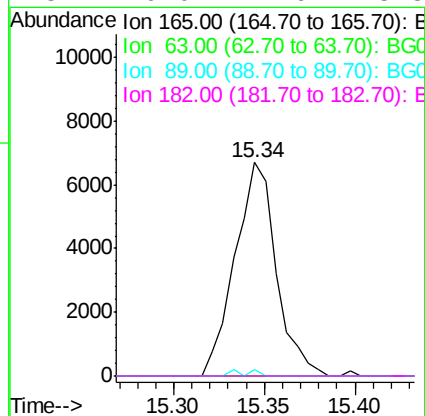
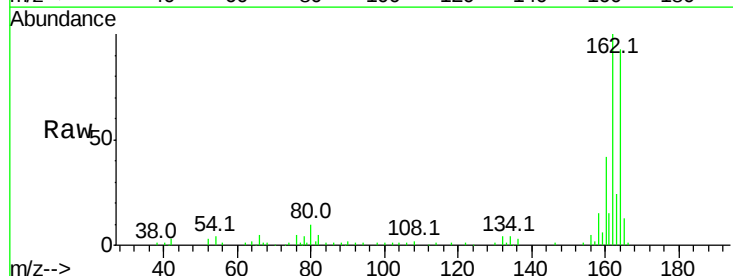
Instrument :
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 ClientSampleId :

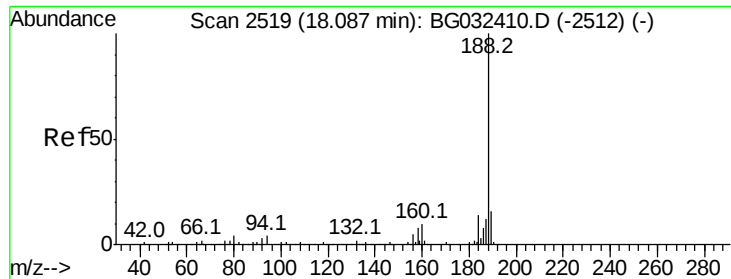
Tot Ion:165 Resp: 10570
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.9 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.712 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.35 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

Tgt Ion:165 Resp: 10570
 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#

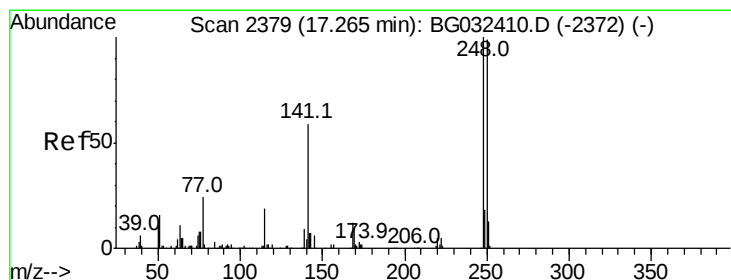
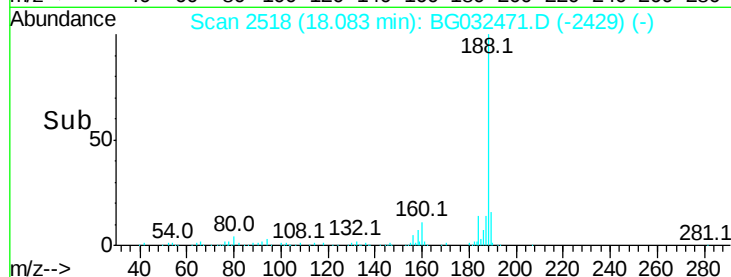
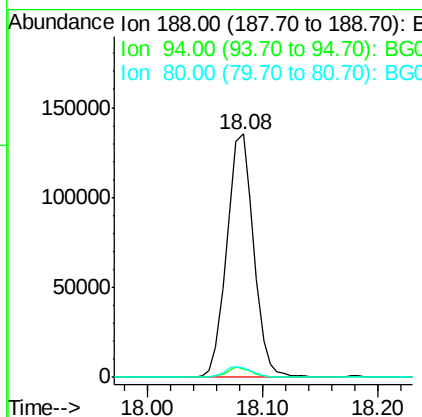
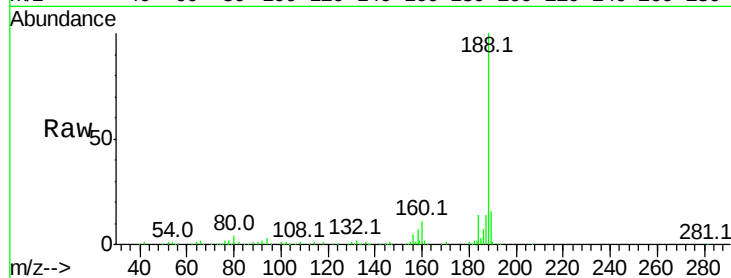




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

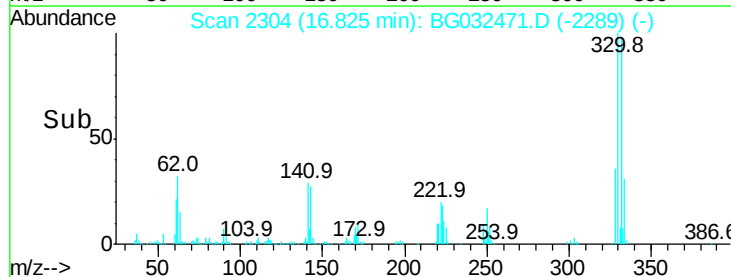
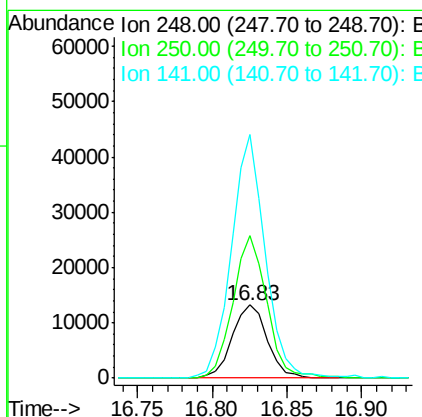
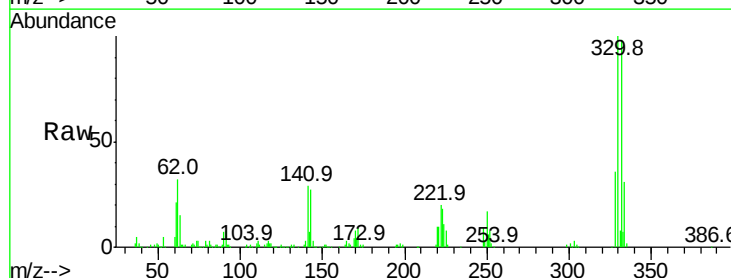
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 BNA_G
 ClientSampleId :

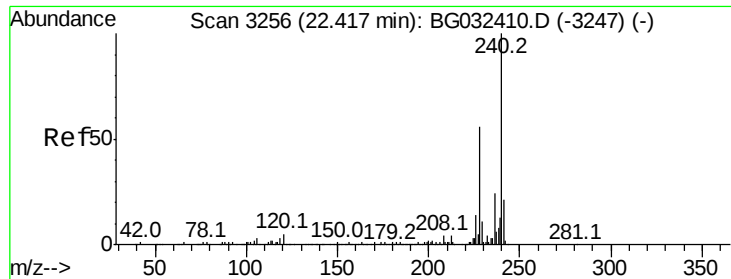
Tot Ion:188 Resp: 218460
 Ion Ratio Lower Upper
 188 100
 94 3.1 6.9 10.3#
 80 4.1 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 6.705 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.44 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

Tgt Ion:248 Resp: 21700
 Ion Ratio Lower Upper
 248 100
 250 194.8 77.1 115.7#
 141 332.6 50.8 76.2#

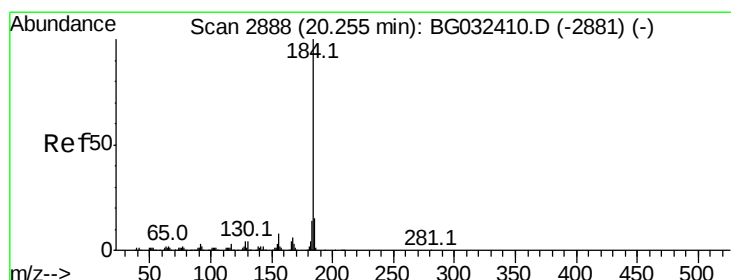
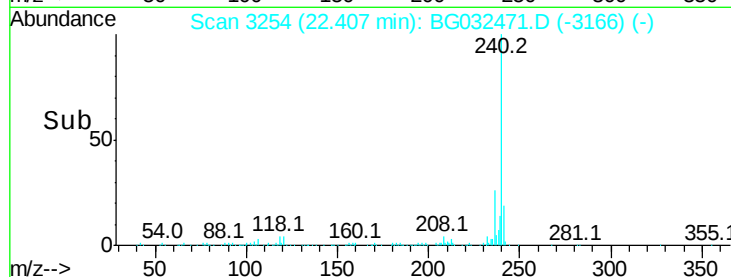
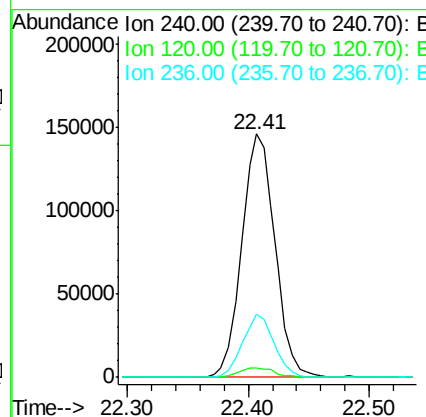
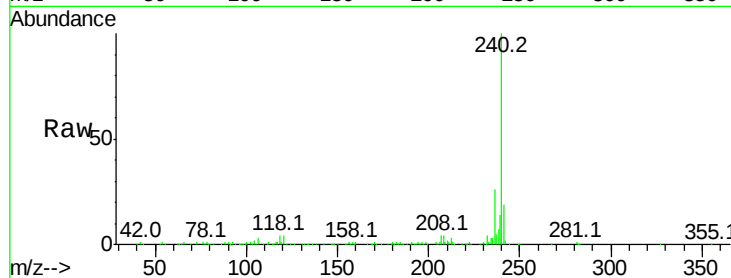




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3254
 Delta R.T. -0.01 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

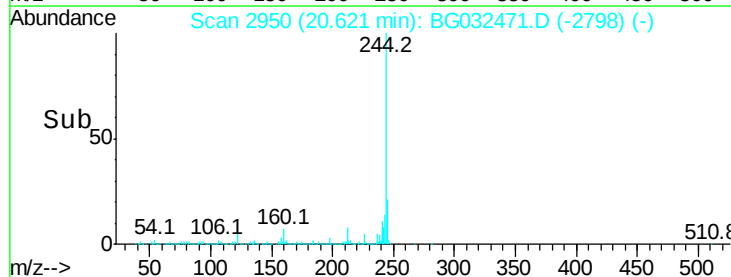
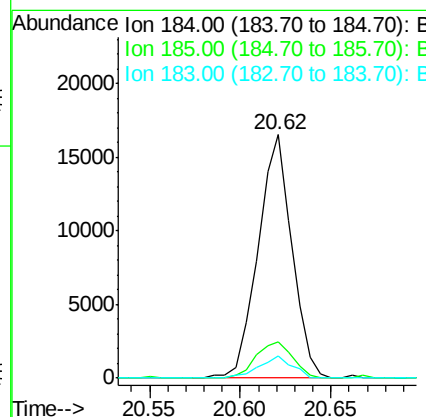
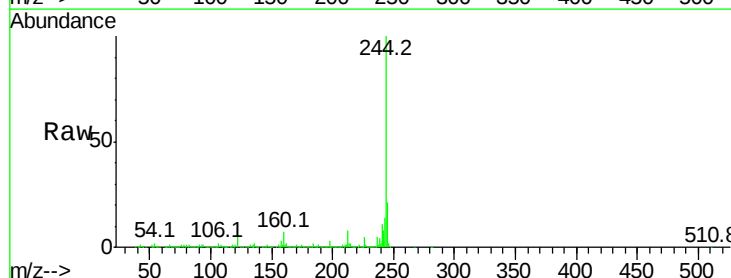
Instrument :
 BNA_G
 ClientSampleId :

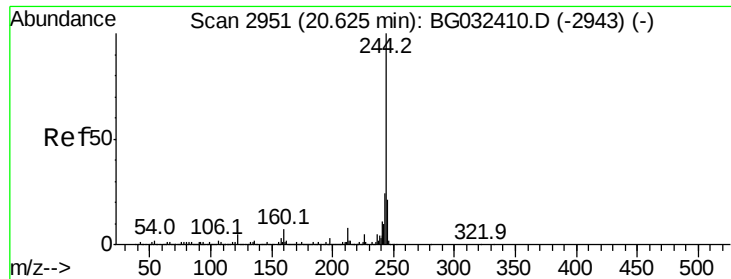
Tot Ion:240 Resp: 279703
 Ion Ratio Lower Upper
 240 100
 120 4.0 6.8 10.2#
 236 26.0 20.9 31.3



#76
 Benzidine
 Concen: 3.889 ng
 RT: 20.62 min Scan# 2950
 Delta R.T. 0.37 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

Tgt Ion:184 Resp: 21360
 Ion Ratio Lower Upper
 184 100
 185 14.8 11.1 16.7
 183 8.9 10.6 16.0#

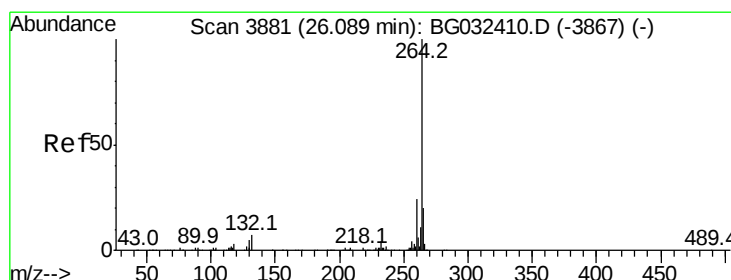
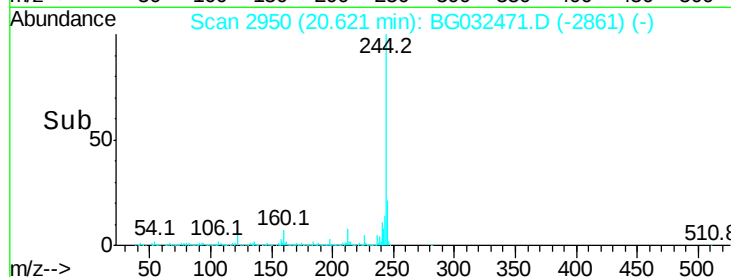
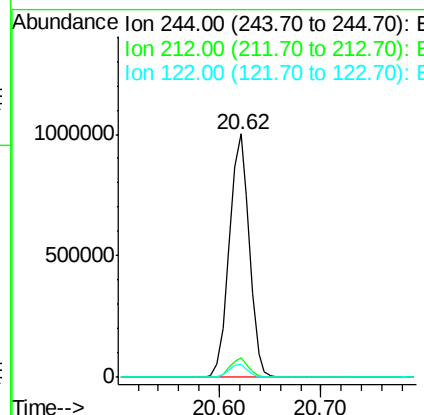
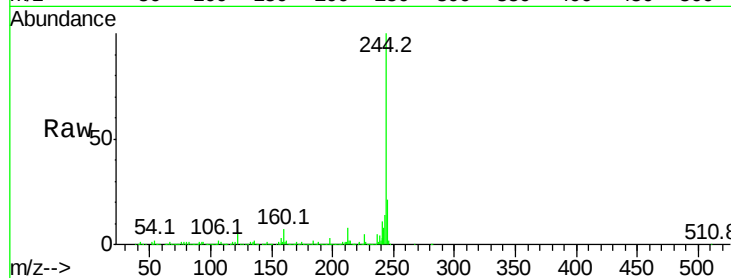




#78
 Terphenyl-d14
 Concen: 104.673 ng
 RT: 20.62 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1366775
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.8
 122 5.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.09 min Scan# 3881
 Delta R.T. 0.00 min
 Lab File: BG032471.D
 Acq: 31 Jan 2018 18:38

Tgt Ion:264 Resp: 301027
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 20.2 17.7 26.5

