

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
 Data File : BG060760.D
 Acq On : 3 Apr 2024 13:24
 Operator : MA/JU
 Sample : P1954-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR21147

Quant Time: Apr 03 14:01:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

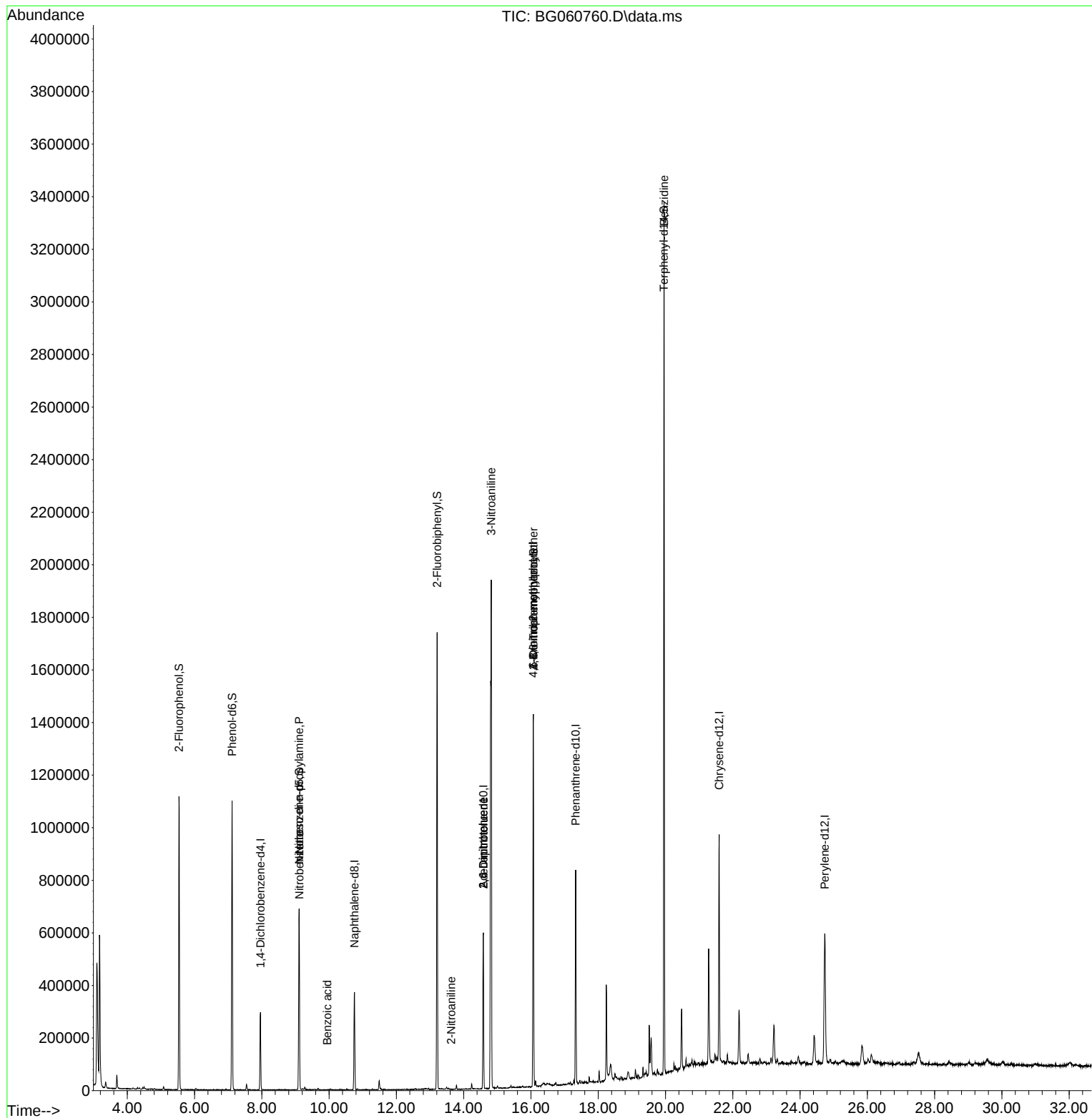
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	76452	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	299014	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	216095	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	511738	20.000	ng	0.00
76) Chrysene-d12	21.595	240	489371	20.000	ng	0.00
86) Perylene-d12	24.738	264	570212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	434654	94.711	ng	0.00
7) Phenol-d6	7.118	99	556831	81.740	ng	0.00
23) Nitrobenzene-d5	9.110	82	372069	71.003	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	271619	110.728	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	884322	60.060	ng	0.00
79) Terphenyl-d14	19.956	244	1646673	59.250	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.110	70	51680	9.948	ng	# 77
24) Nitrobenzene	9.116	77	1458	3.008	ng	# 37
32) Benzoic acid	9.950	122	215	6.893	ng	# 1
48) 2-Nitroaniline	13.628	65	69	2.810	ng	# 11
51) 2,6-Dinitrotoluene	14.586	165	27968	11.974	ng	# 19
53) 3-Nitroaniline	14.821	138	24088	9.605	ng	# 2
57) 2,4-Dinitrotoluene	14.586	165	27968	10.078	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.066	198	673	7.306	ng	# 1
67) 4-Bromophenyl-phenylether	16.072	248	19133	3.684	ng	# 1
77) Benzidine	19.962	184	26679	2.070	ng	# 93

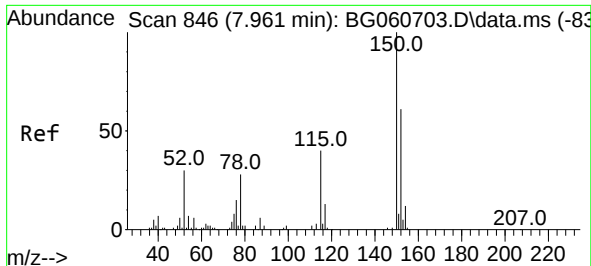
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
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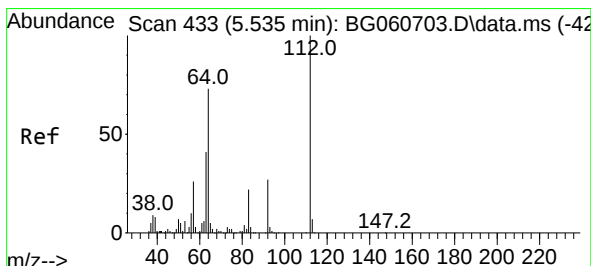
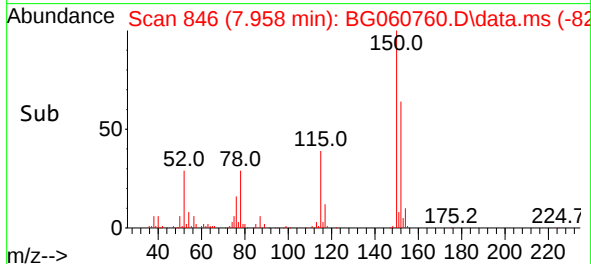
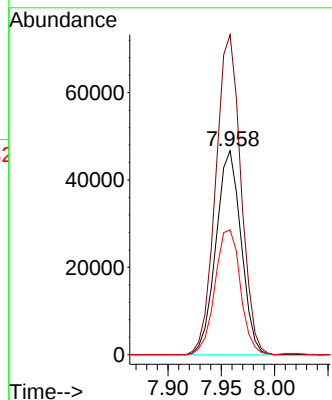
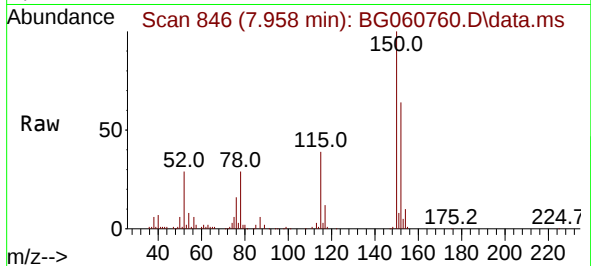




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

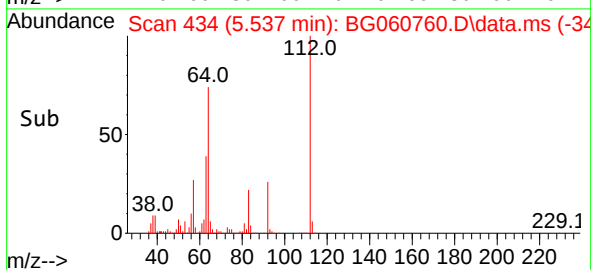
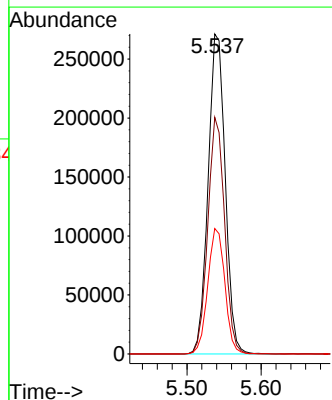
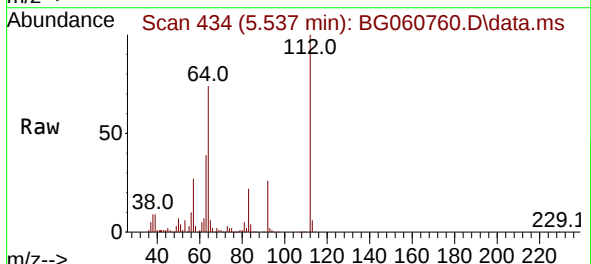
Instrument :
BNA_G
ClientSampleId :
RBR21147

Tgt Ion:152 Resp: 76452
Ion Ratio Lower Upper
152 100
150 156.8 130.2 195.4
115 61.2 51.6 77.4



#5
2-Fluorophenol
Concen: 94.711 ng
RT: 5.537 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

Tgt Ion:112 Resp: 434654
Ion Ratio Lower Upper
112 100
64 74.0 58.4 87.6
63 39.2 32.7 49.1

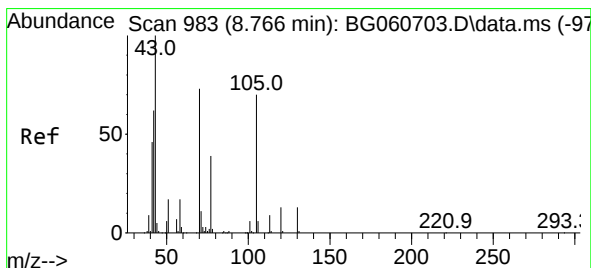
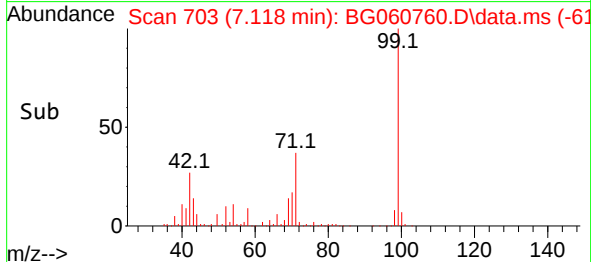
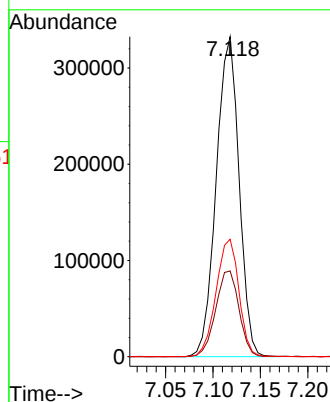
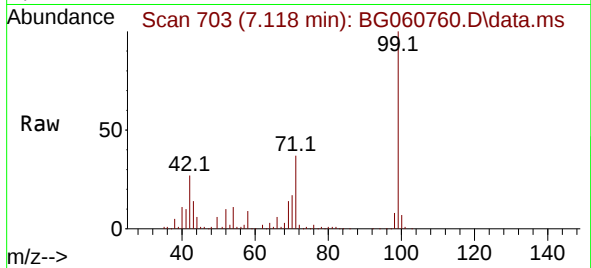




#7
Phenol-d6
Concen: 81.740 ng
RT: 7.118 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

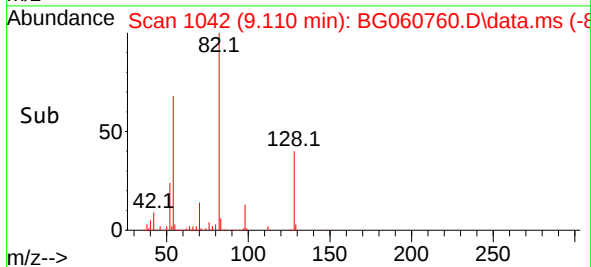
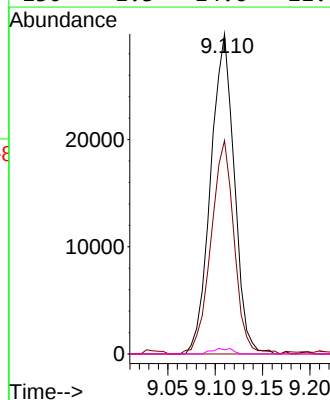
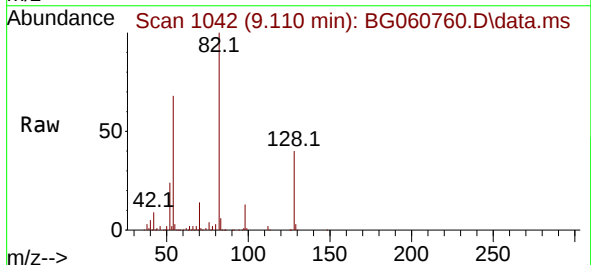
Instrument :
BNA_G
ClientSampleId :
RBR21147

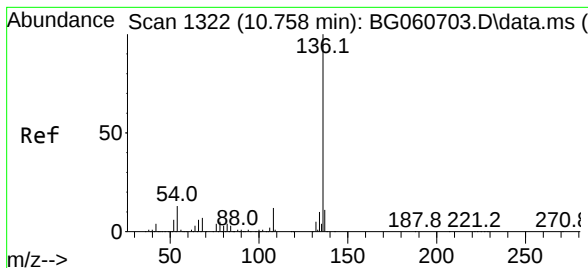
Tgt Ion: 99 Resp: 556831
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 36.7 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.948 ng
RT: 9.110 min Scan# 1042
Delta R.T. 0.344 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

Tgt Ion: 70 Resp: 51680
Ion Ratio Lower Upper
70 100
42 66.7 68.4 102.6#
101 0.0 6.1 9.1#
130 1.3 14.6 21.8#



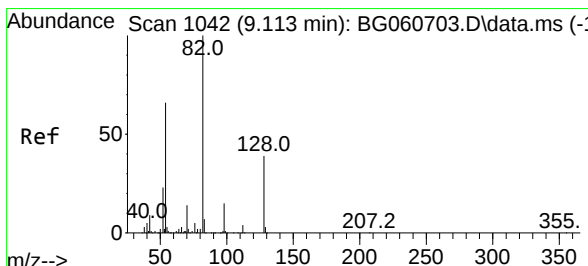
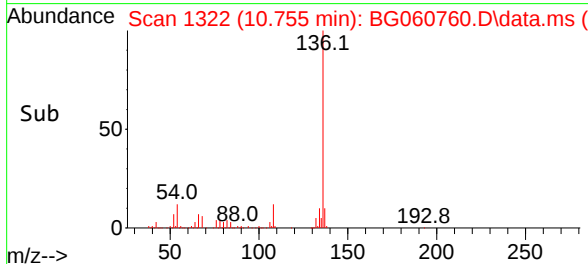
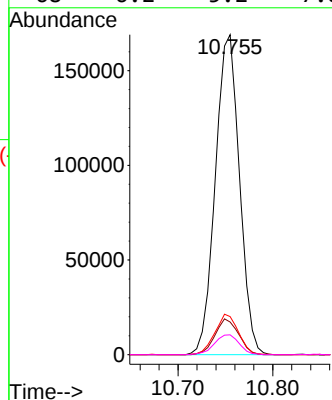
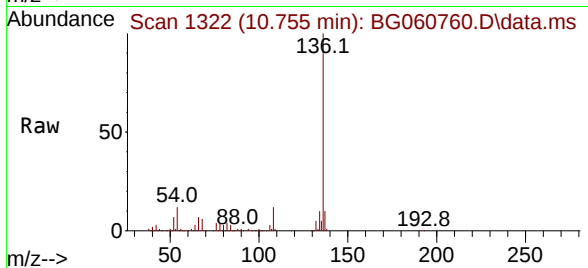


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

Instrument :
BNA_G
ClientSampleId :
RBR21147

Tgt Ion:136 Resp: 299014

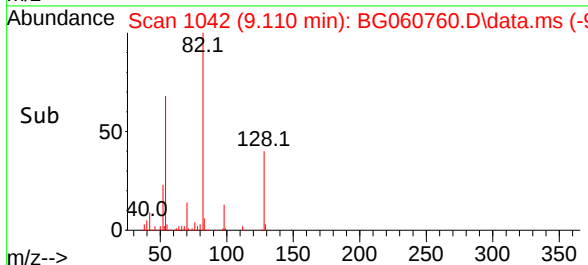
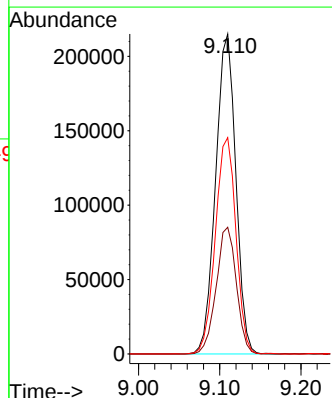
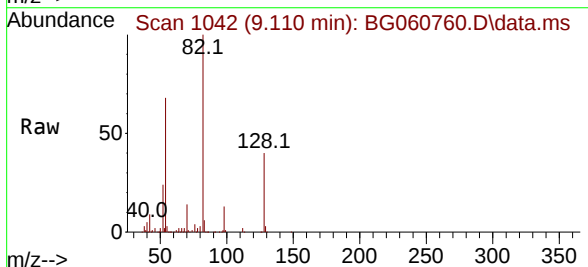
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	11.9	10.2	15.2
68	6.2	5.2	7.8



#23
Nitrobenzene-d5
Concen: 71.003 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

Tgt Ion: 82 Resp: 372069

Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.2	46.8
54	67.6	53.2	79.8

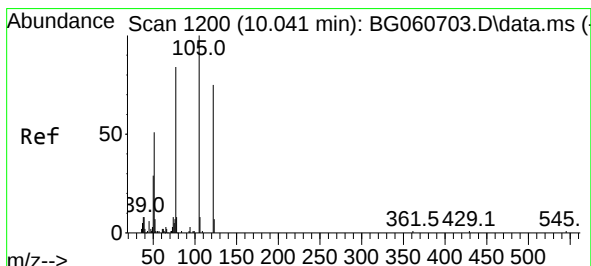
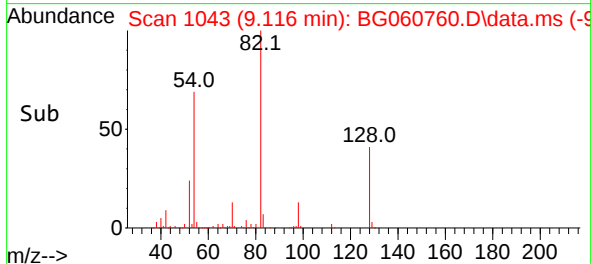
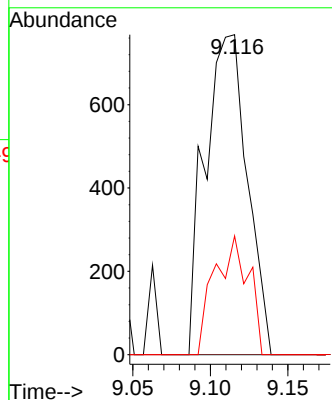
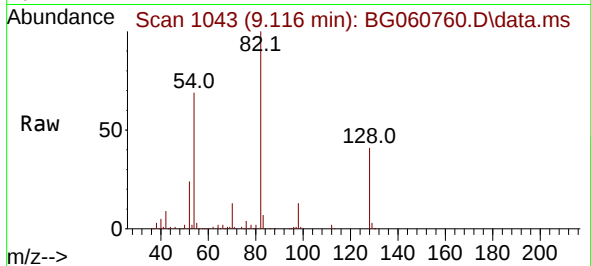




#24
Nitrobenzene
Concen: 3.008 ng
RT: 9.116 min Scan# 1185
Delta R.T. -0.038 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

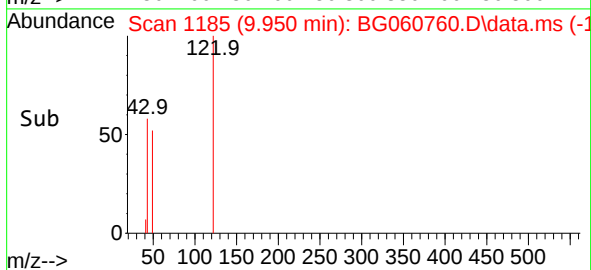
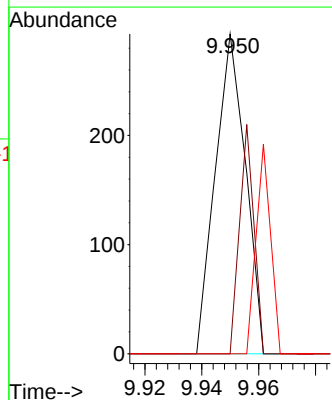
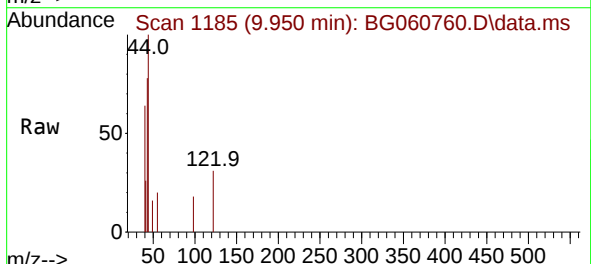
Instrument :
BNA_G
ClientSampleId :
RBR21147

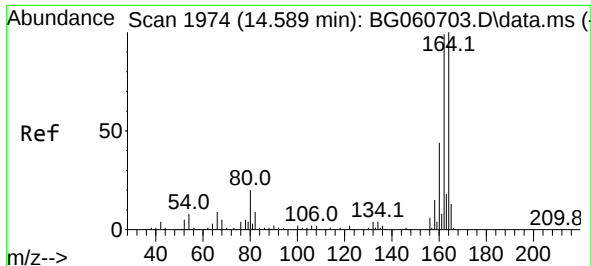
Tgt Ion: 77 Resp: 1458
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 37.1 11.3 16.9#



#32
Benzoic acid
Concen: 6.893 ng
RT: 9.950 min Scan# 1185
Delta R.T. -0.091 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

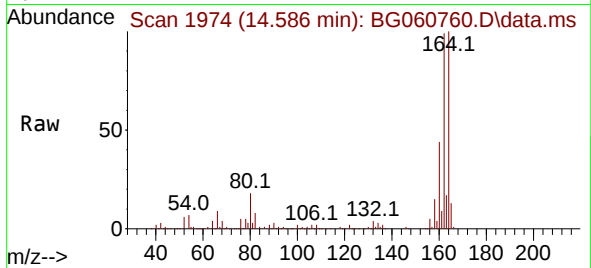
Tgt Ion: 122 Resp: 215
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#



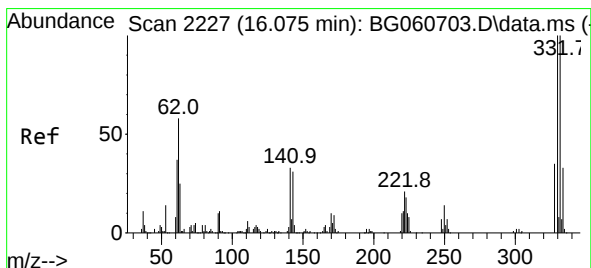
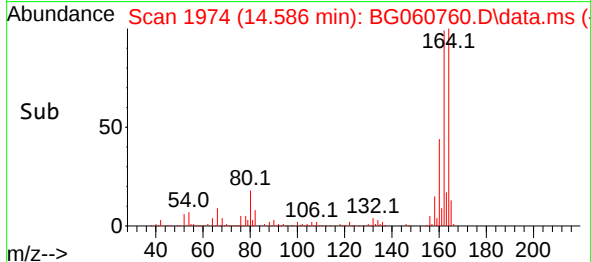
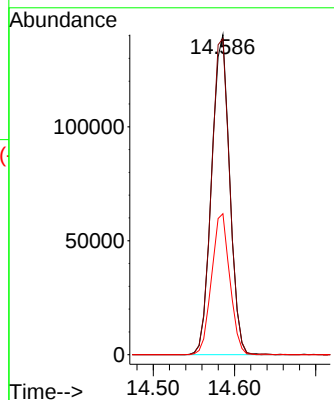


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

Instrument :
BNA_G
ClientSampleId :
RBR21147

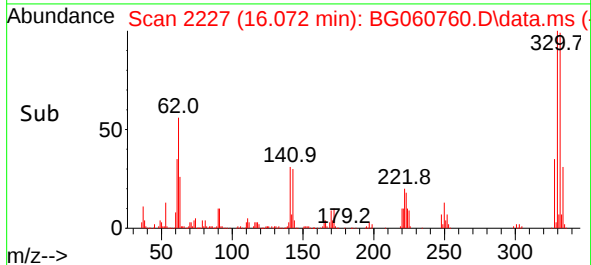
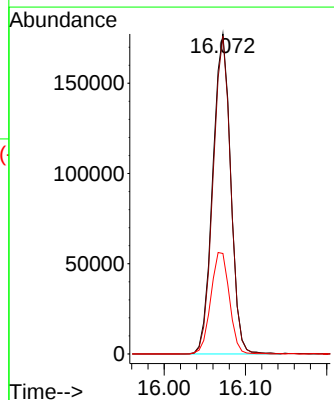
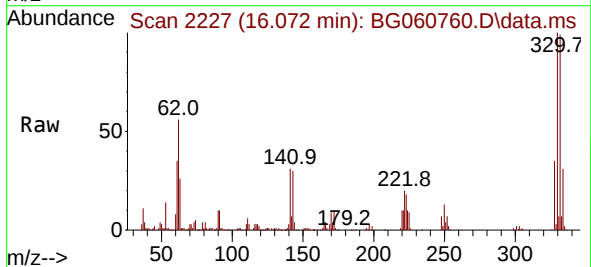


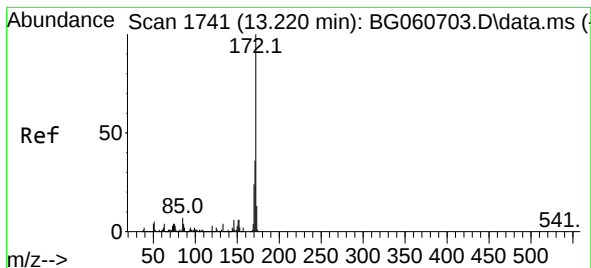
Tgt Ion:164 Resp: 216095
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 110.728 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.003 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

Tgt Ion:330 Resp: 271619
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 32.8 27.0 40.6

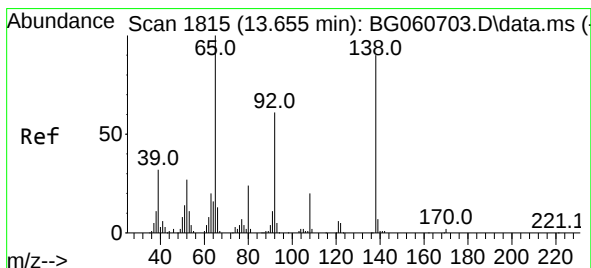
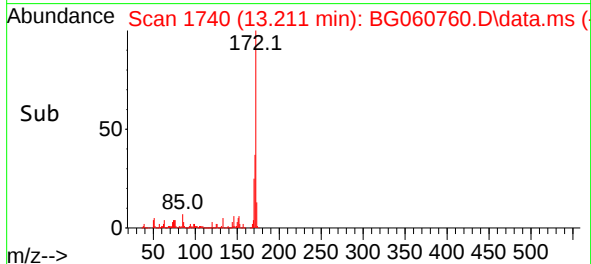
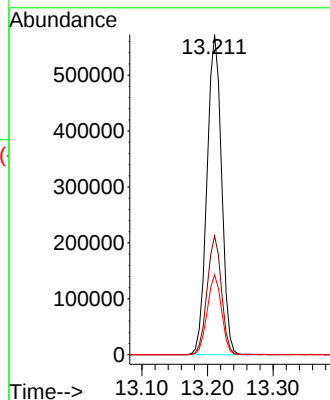
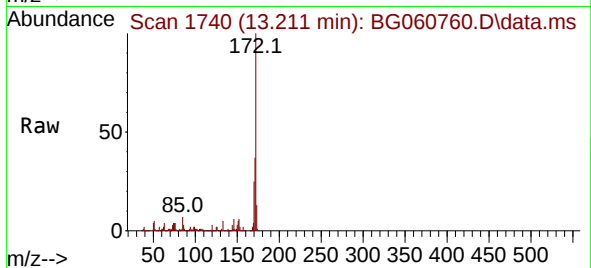




#45
2-Fluorobiphenyl
Concen: 60.060 ng
RT: 13.211 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

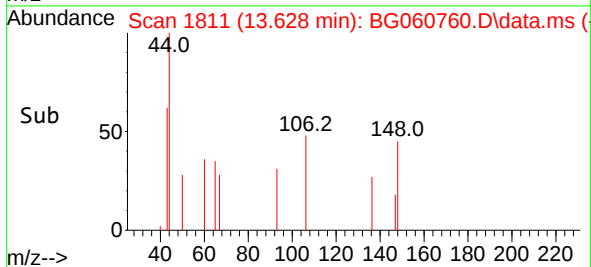
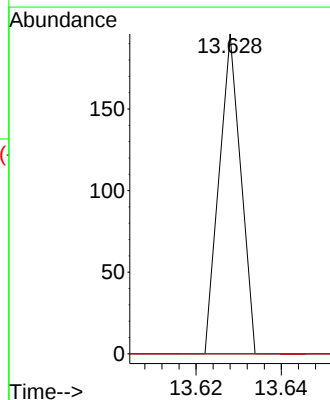
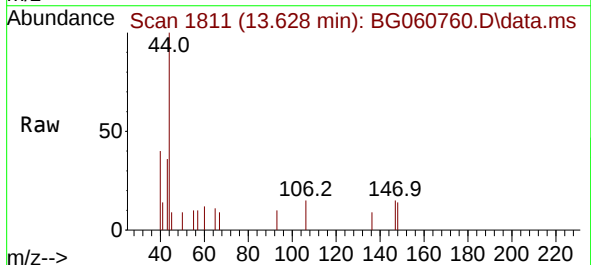
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ClientSampleId :
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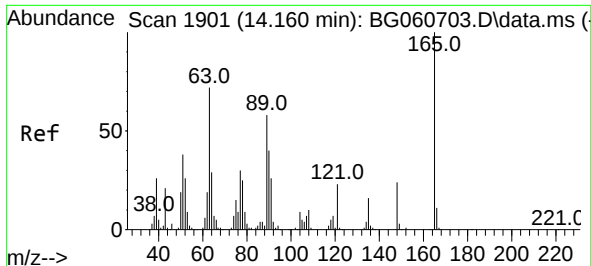
Tgt Ion:172 Resp: 884322
Ion Ratio Lower Upper
172 100
171 37.2 28.7 43.1
170 25.0 19.4 29.0



#48
2-Nitroaniline
Concen: 2.810 ng
RT: 13.628 min Scan# 1811
Delta R.T. -0.027 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

Tgt Ion: 65 Resp: 69
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#

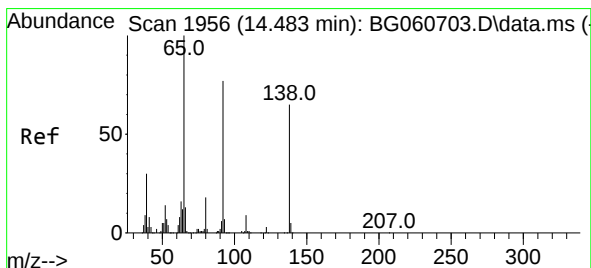
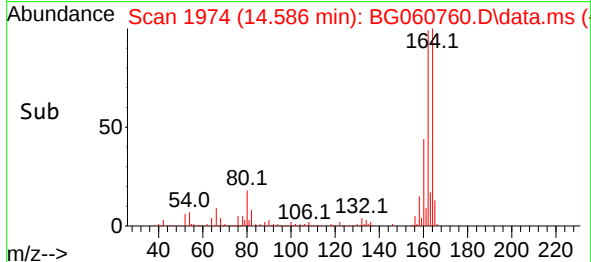
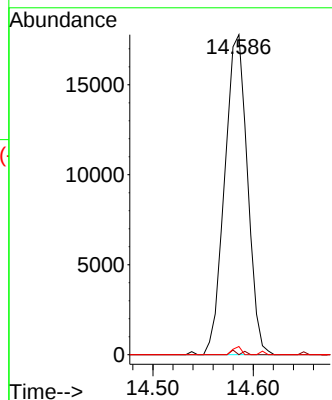
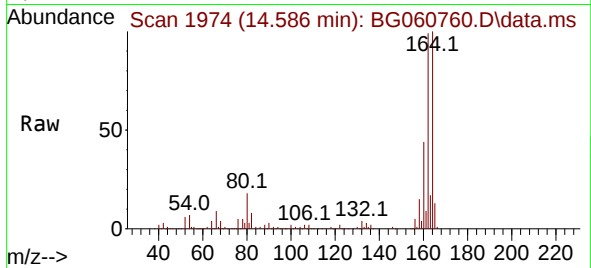




#51
2,6-Dinitrotoluene
Concen: 11.974 ng
RT: 14.586 min Scan# 11
Delta R.T. 0.426 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

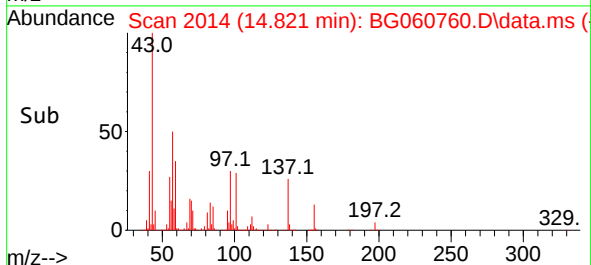
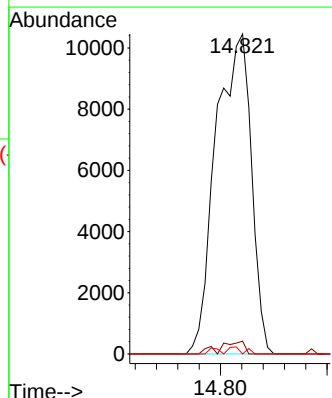
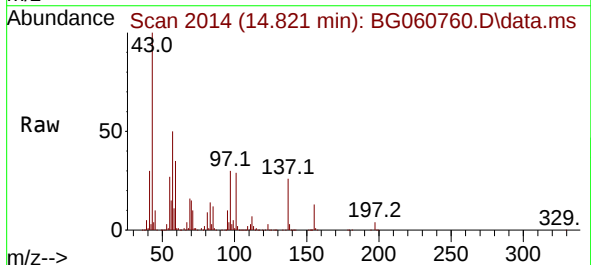
Instrument :
BNA_G
ClientSampleId :
RBR21147

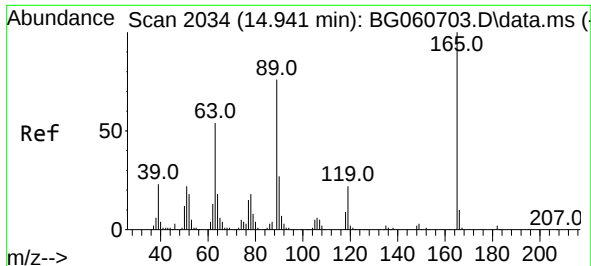
Tgt Ion:165 Resp: 27968
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 2.5 46.1 69.1#



#53
3-Nitroaniline
Concen: 9.605 ng
RT: 14.821 min Scan# 2014
Delta R.T. 0.338 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

Tgt Ion:138 Resp: 24088
Ion Ratio Lower Upper
138 100
108 4.0 11.3 16.9#
92 0.0 94.1 141.1#





#57

2,4-Dinitrotoluene

Concen: 10.078 ng

RT: 14.586 min Scan# 1974

Delta R.T. -0.355 min

Lab File: BG060760.D

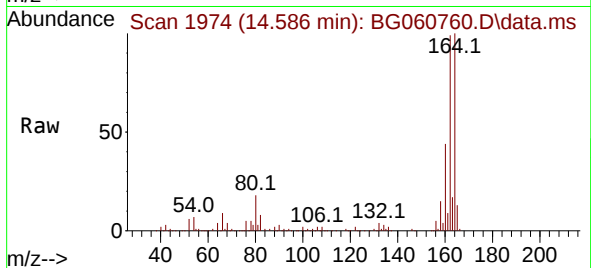
Acq: 3 Apr 2024 13:24

Instrument :

BNA_G

ClientSampleId :

RBR21147



Tgt Ion:165 Resp: 27968

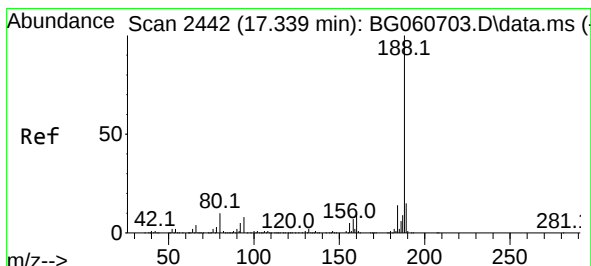
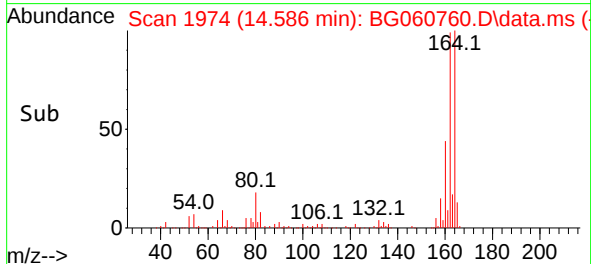
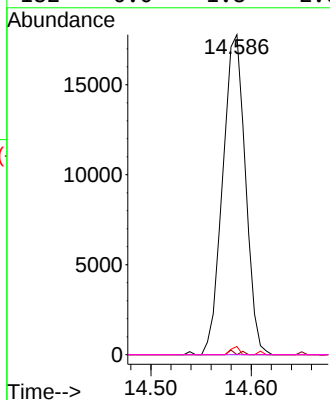
Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.0#

89 2.5 61.0 91.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.330 min Scan# 2441

Delta R.T. -0.009 min

Lab File: BG060760.D

Acq: 3 Apr 2024 13:24

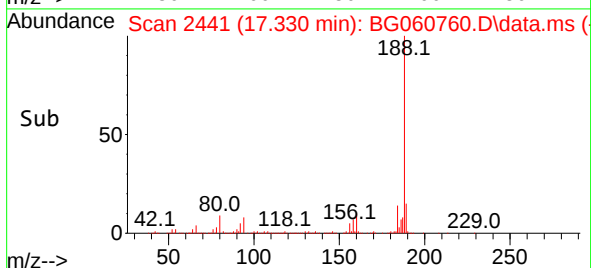
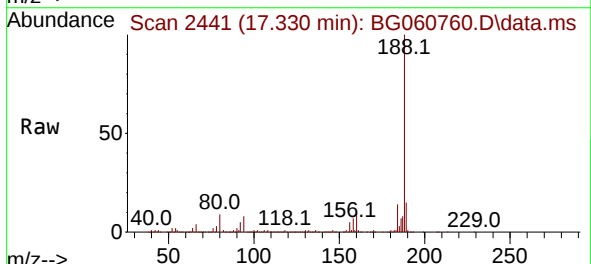
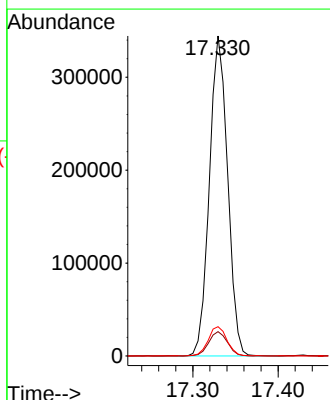
Tgt Ion:188 Resp: 511738

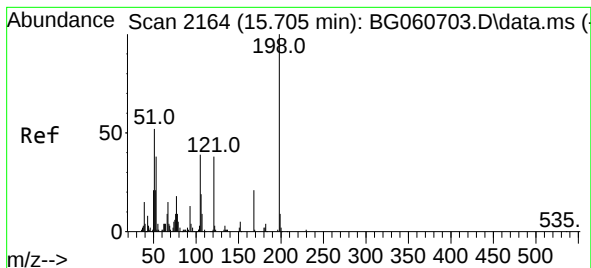
Ion Ratio Lower Upper

188 100

94 7.6 6.6 9.8

80 9.2 7.6 11.4

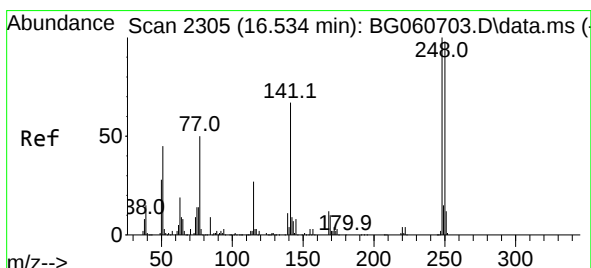
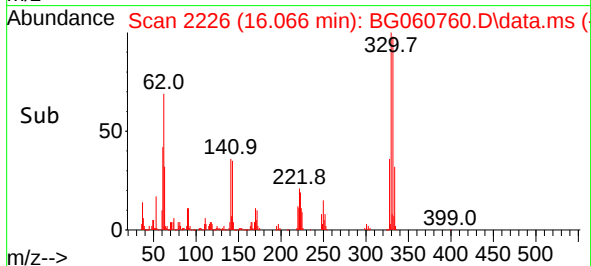
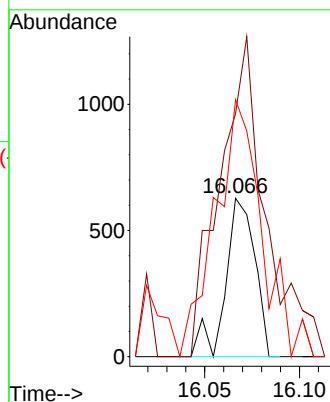
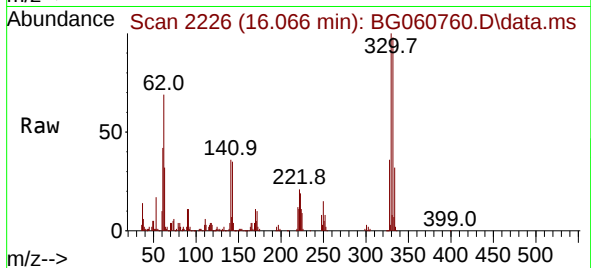




#65
4,6-Dinitro-2-methylphenol
Concen: 7.306 ng
RT: 16.066 min Scan# 2164
Delta R.T. 0.361 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

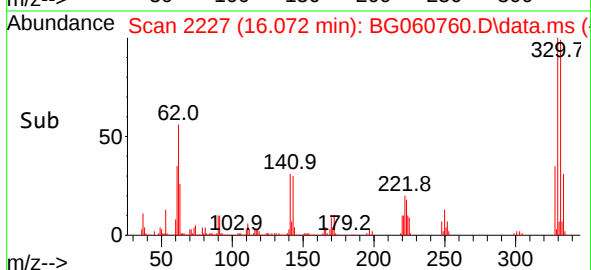
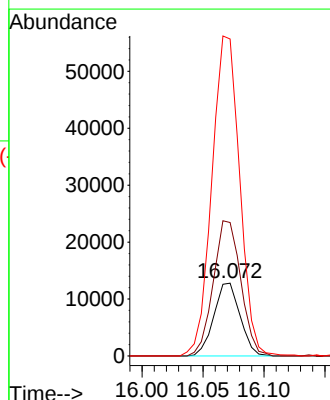
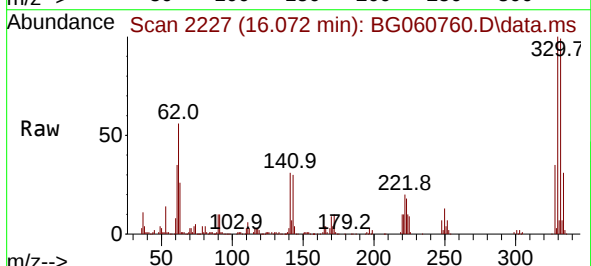
Instrument :
BNA_G
ClientSampleId :
RBR21147

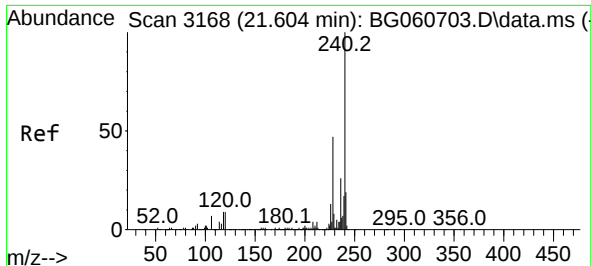
Tgt Ion:198 Resp: 673
Ion Ratio Lower Upper
198 100
51 153.3 36.7 76.7#
105 162.3 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 3.684 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.462 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

Tgt Ion:248 Resp: 19133
Ion Ratio Lower Upper
248 100
250 183.4 78.3 117.5#
141 435.6 53.7 80.5#

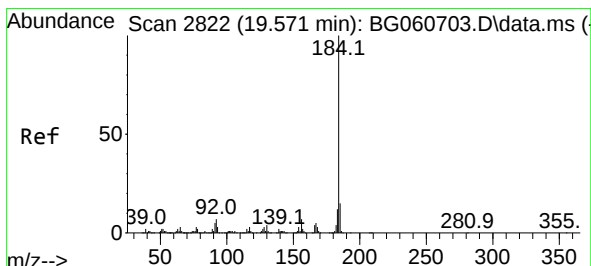
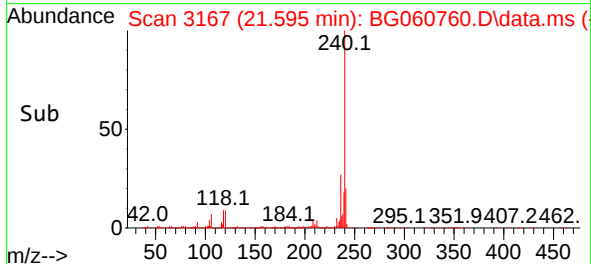
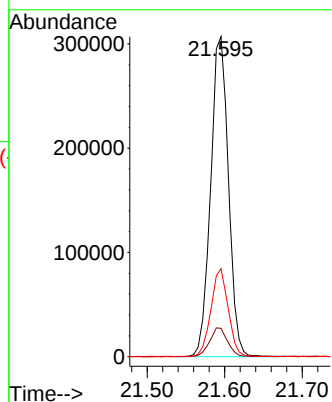
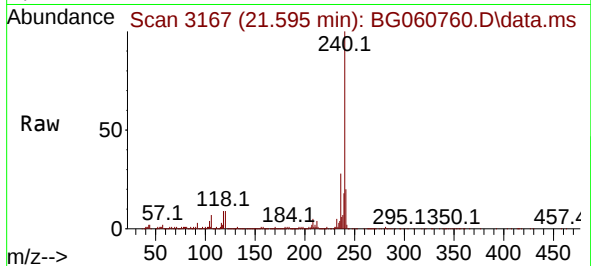




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

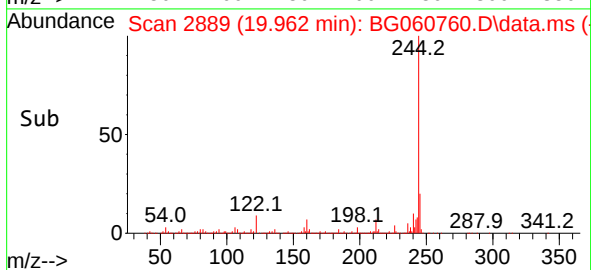
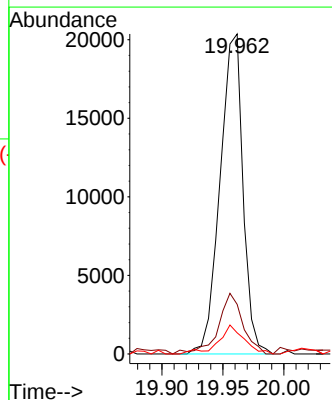
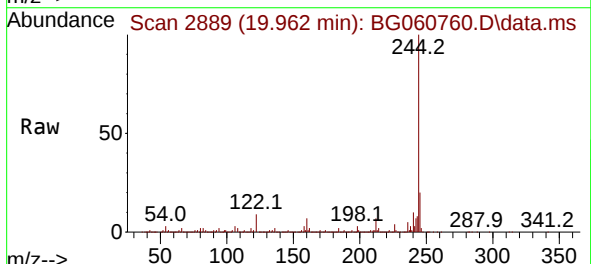
Instrument :
BNA_G
ClientSampleId :
RBR21147

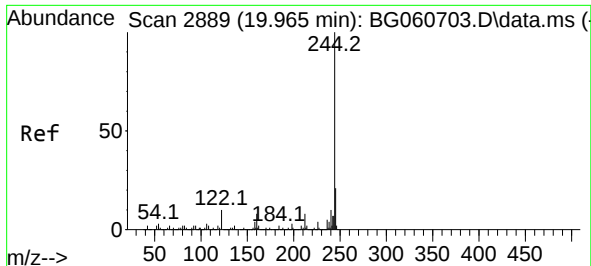
Tgt Ion:240 Resp: 489371
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 27.5 20.7 31.1



#77
Benzidine
Concen: 2.070 ng
RT: 19.962 min Scan# 2889
Delta R.T. 0.390 min
Lab File: BG060760.D
Acq: 3 Apr 2024 13:24

Tgt Ion:184 Resp: 26679
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.6
183 6.6 9.5 14.3#

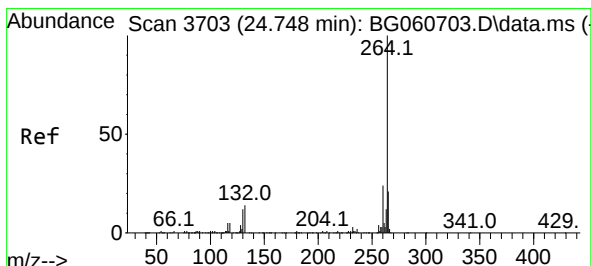
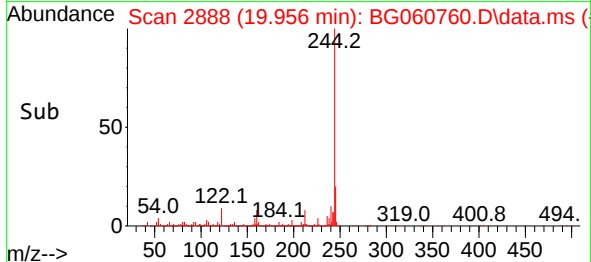
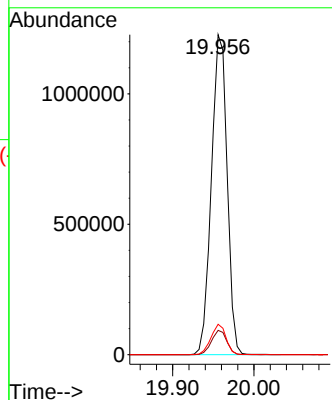
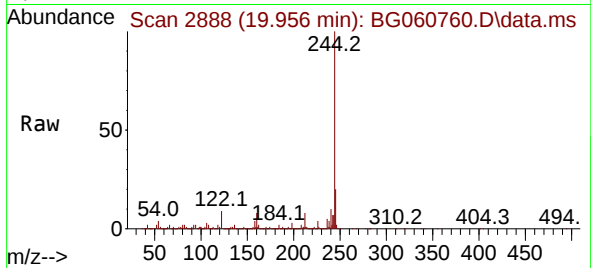




#79
 Terphenyl-d14
 Concen: 59.250 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG060760.D
 Acq: 3 Apr 2024 13:24

Instrument :
 BNA_G
 ClientSampleId :
 RBR21147

Tgt Ion:244 Resp: 1646673
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.738 min Scan# 3702
 Delta R.T. -0.009 min
 Lab File: BG060760.D
 Acq: 3 Apr 2024 13:24

Tgt Ion:264 Resp: 570212
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.3 16.9 25.3

