

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060633.D
 Acq On : 14 Mar 2024 11:06
 Operator : MA/JU
 Sample : PB159572BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159572BL

Quant Time: Mar 14 12:42:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

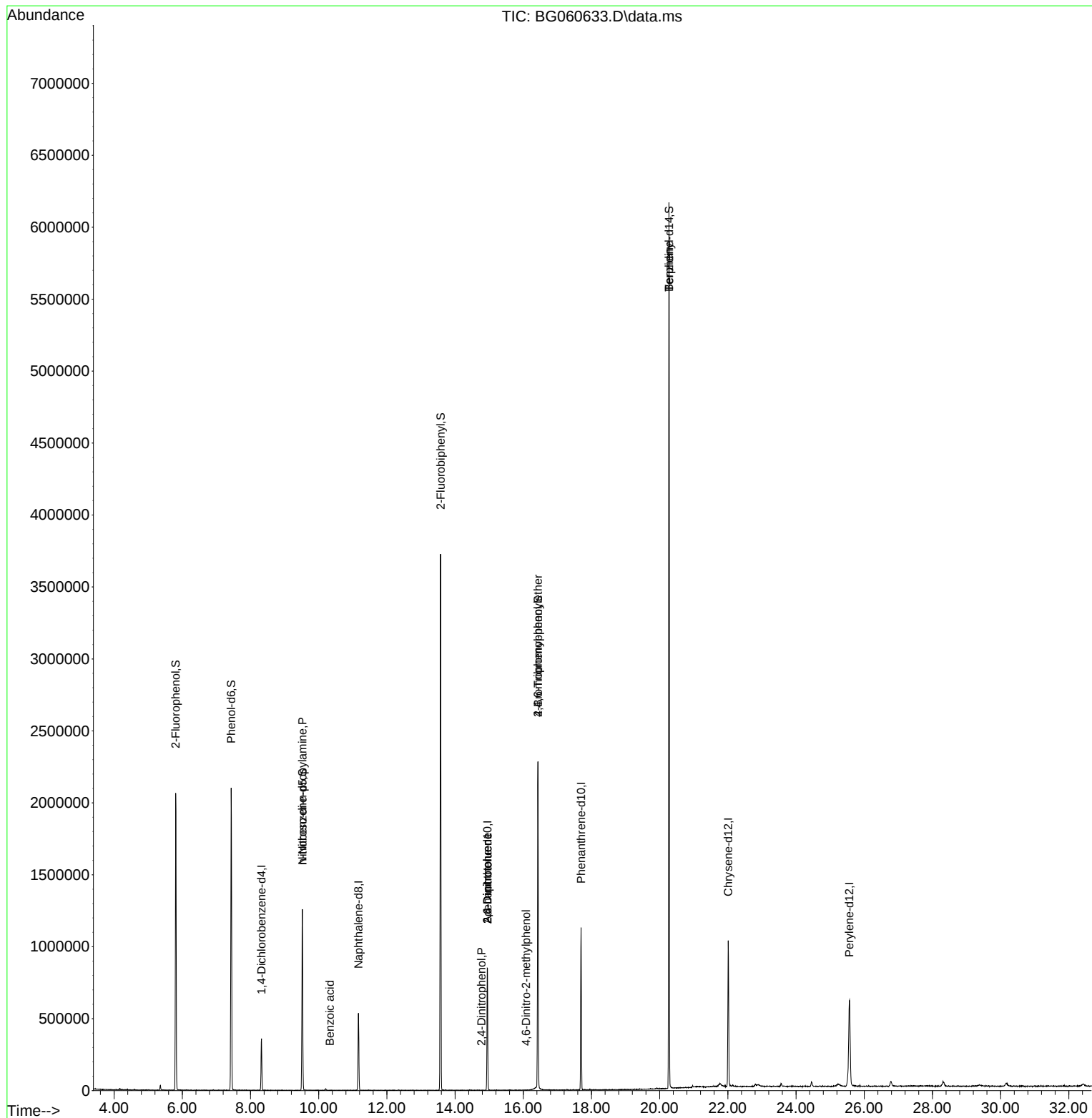
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	97933	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	436224	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	297592	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	697856	20.000	ng	0.00
76) Chrysene-d12	22.013	240	626552	20.000	ng	-0.01
86) Perylene-d12	25.562	264	705350	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	838646	134.617	ng	0.00
7) Phenol-d6	7.436	99	1171824	129.668	ng	0.00
23) Nitrobenzene-d5	9.522	82	724665	86.456	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	423082	122.687	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	1881810	85.496	ng	0.00
79) Terphenyl-d14	20.274	244	2950514	85.119	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.522	70	91288	14.573	ng	# 79
32) Benzoic acid	10.333	122	94	6.037	ng	# 1
51) 2,6-Dinitrotoluene	14.951	165	38041	9.250	ng	# 17
54) 2,4-Dinitrophenol	14.780	184	78	6.878	ng	# 17
57) 2,4-Dinitrotoluene	14.951	165	38041	7.353	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.085	198	130	4.852	ng	# 27
67) 4-Bromophenyl-phenylether	16.431	248	27916	3.710	ng	# 1
77) Benzidine	20.274	184	50924	3.323	ng	# 95

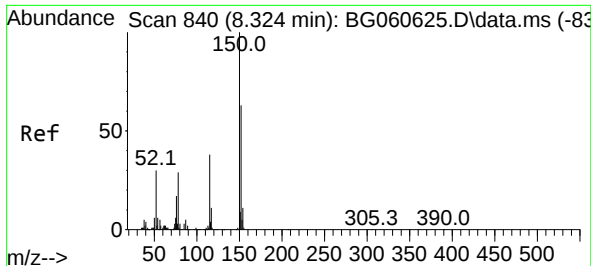
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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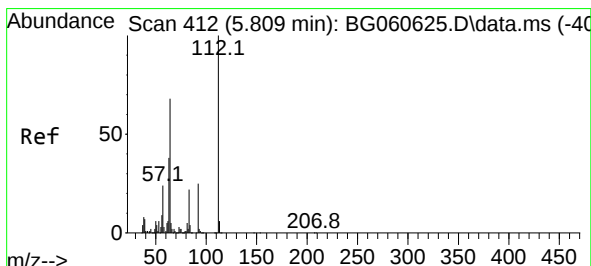
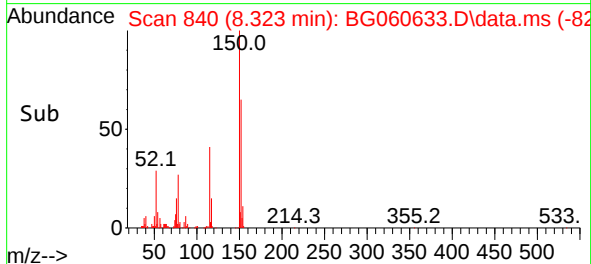
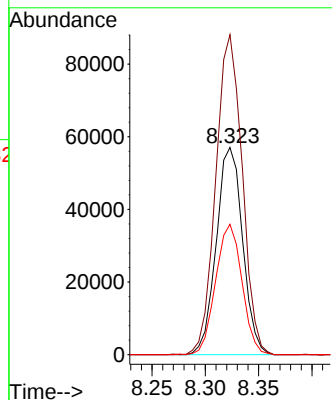
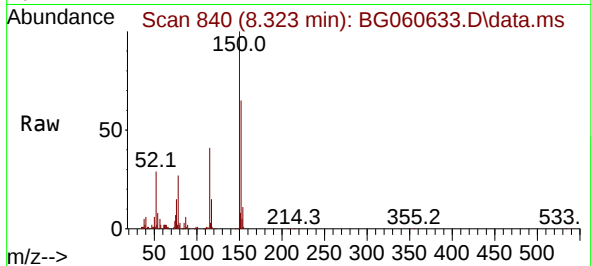




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.323 min Scan# 840
Delta R.T. -0.001 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

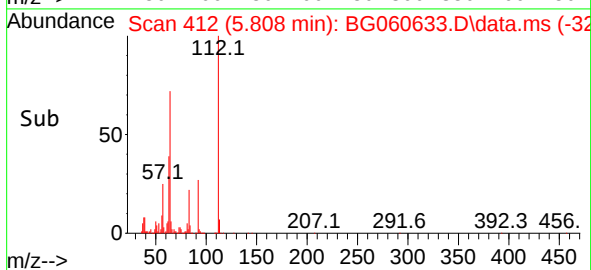
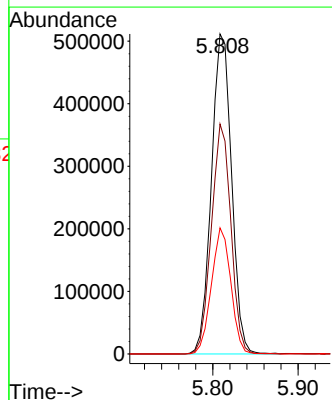
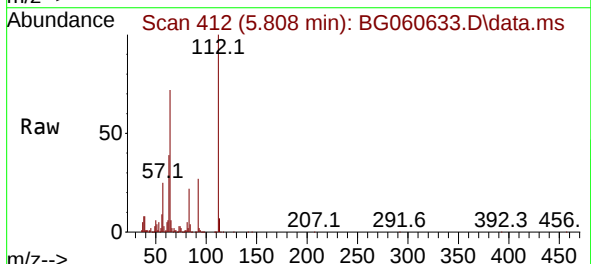
Instrument :
BNA_G
ClientSampleId :
PB159572BL

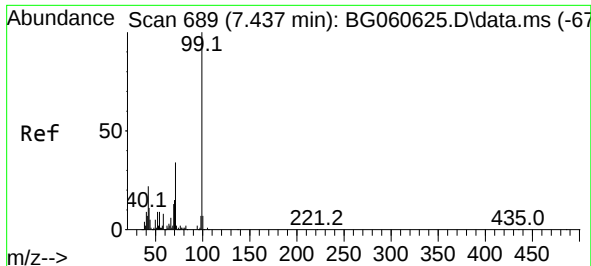
Tgt Ion:152 Resp: 97933
Ion Ratio Lower Upper
152 100
150 154.5 126.6 190.0
115 62.9 47.8 71.8



#5
2-Fluorophenol
Concen: 134.617 ng
RT: 5.808 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

Tgt Ion:112 Resp: 838646
Ion Ratio Lower Upper
112 100
64 71.9 54.1 81.1
63 39.4 30.3 45.5

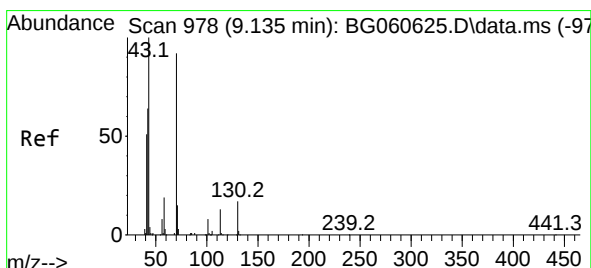
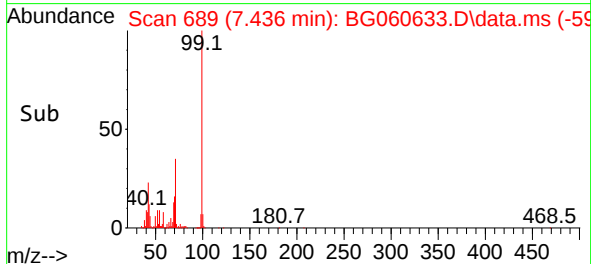
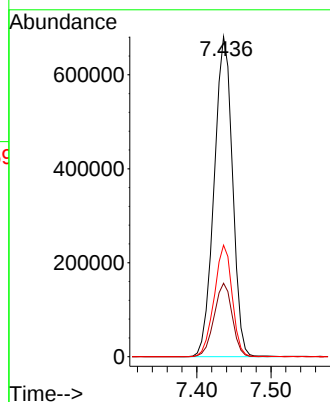
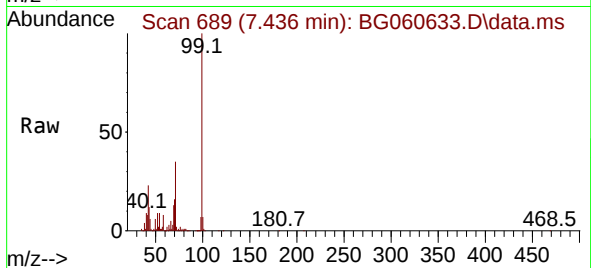




#7
Phenol-d6
Concen: 129.668 ng
RT: 7.436 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

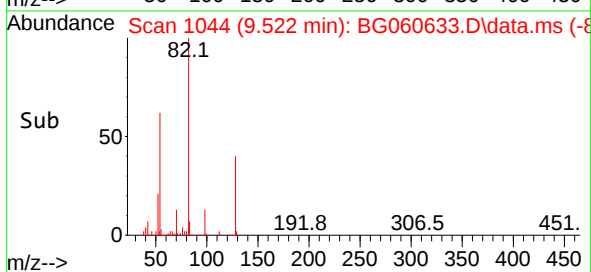
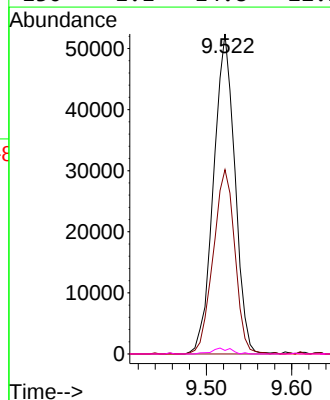
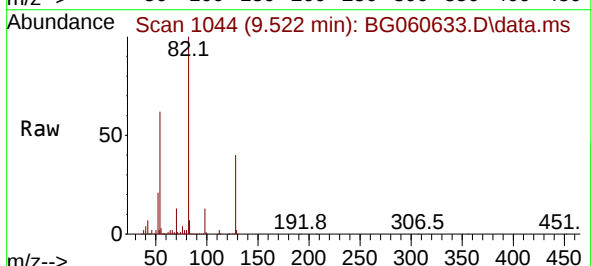
Instrument :
BNA_G
ClientSampleId :
PB159572BL

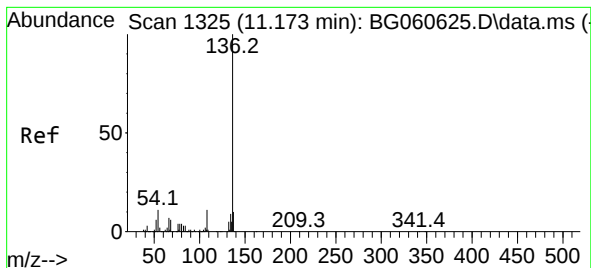
Tgt Ion: 99 Resp: 1171824
Ion Ratio Lower Upper
99 100
42 22.9 17.5 26.3
71 34.9 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.573 ng
RT: 9.522 min Scan# 1044
Delta R.T. 0.387 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

Tgt Ion: 70 Resp: 91288
Ion Ratio Lower Upper
70 100
42 57.6 56.2 84.2
101 0.0 7.4 11.0#
130 1.1 14.8 22.2#



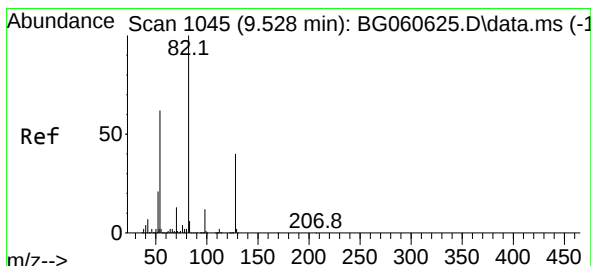
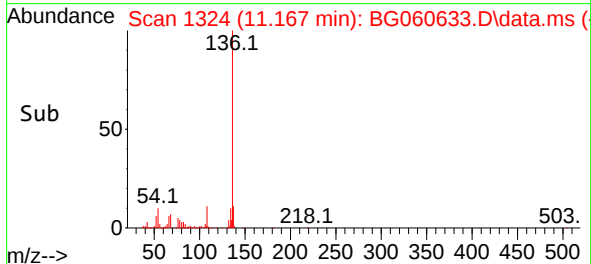
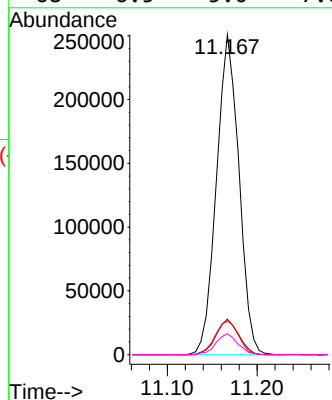
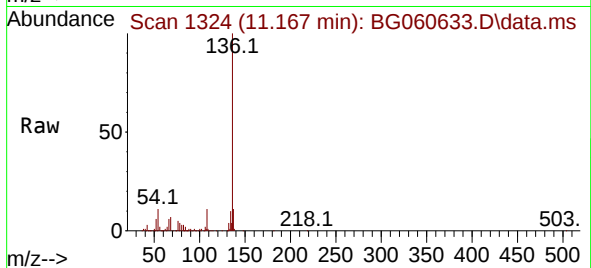


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

Instrument :
BNA_G
ClientSampleId :
PB159572BL

Tgt Ion:136 Resp: 436224

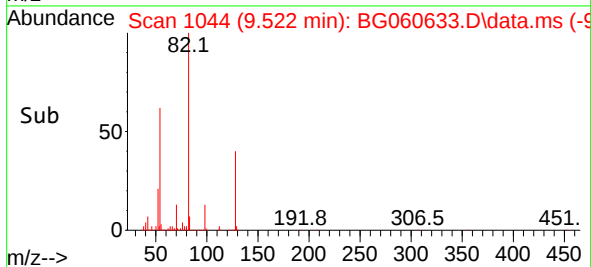
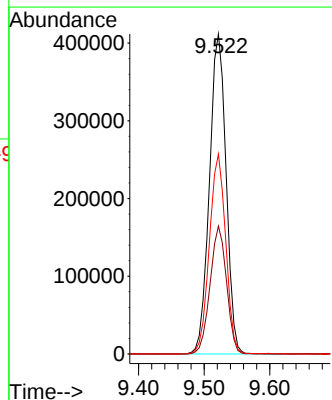
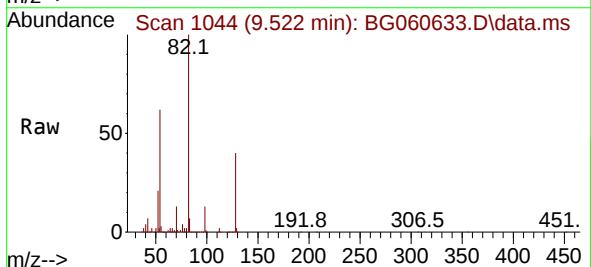
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.6	8.5	12.7
68	6.5	5.0	7.6

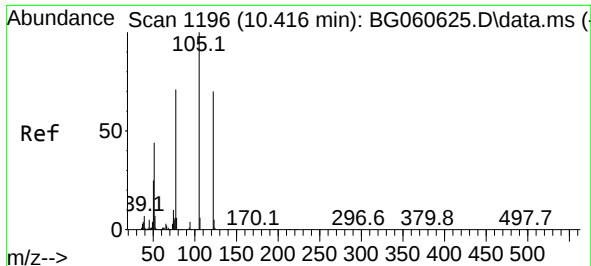


#23
Nitrobenzene-d5
Concen: 86.456 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

Tgt Ion: 82 Resp: 724665

Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.6	47.4
54	62.5	49.3	73.9

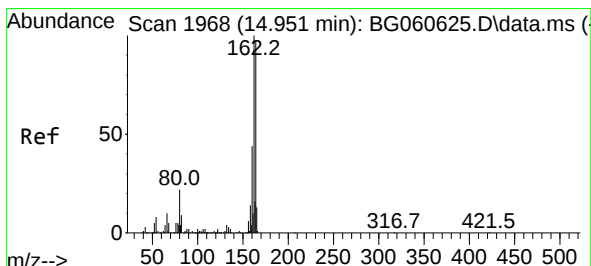
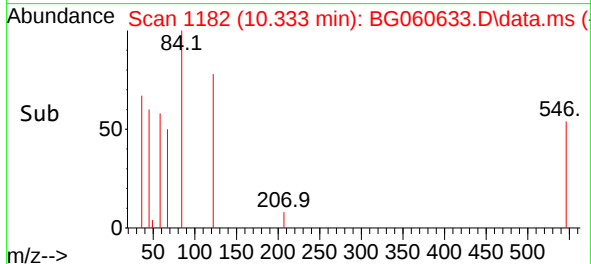
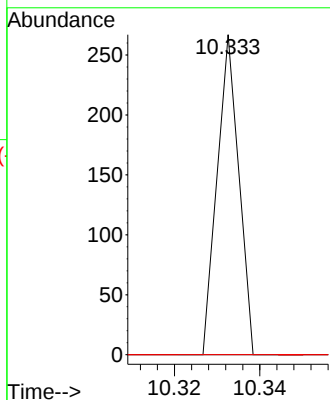
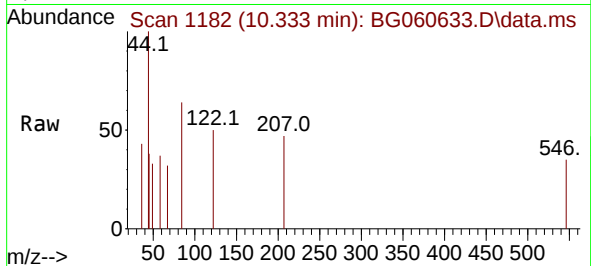




#32
Benzoic acid
Concen: 6.037 ng
RT: 10.333 min Scan# 1196
Delta R.T. -0.083 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

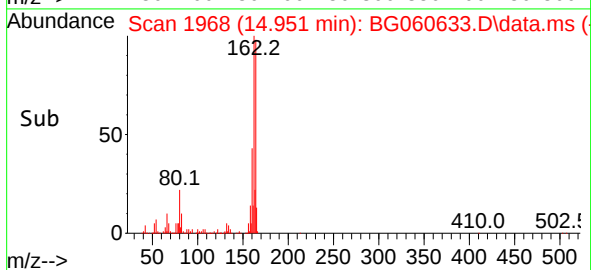
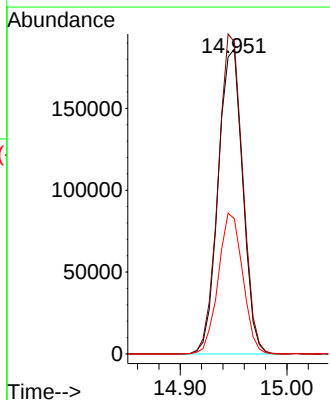
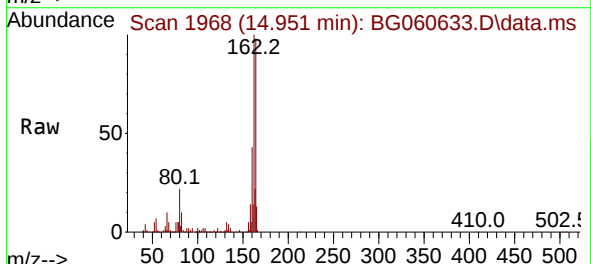
Instrument :
BNA_G
ClientSampleId :
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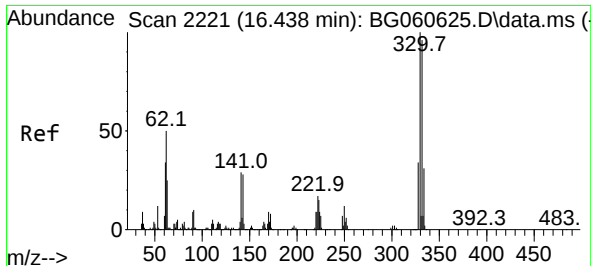
Tgt Ion:122 Resp: 94
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

Tgt Ion:164 Resp: 297592
Ion Ratio Lower Upper
164 100
162 102.3 82.5 123.7
160 44.3 36.4 54.6

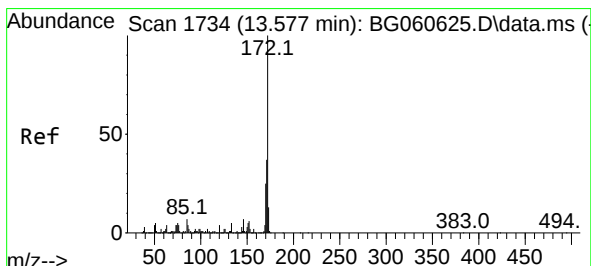
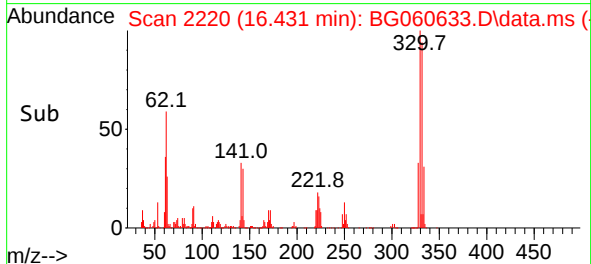
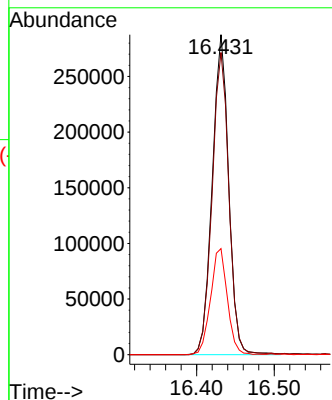
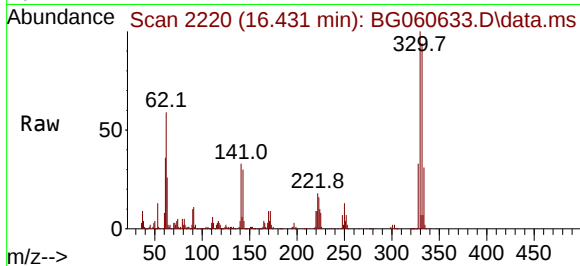




#42
2,4,6-Tribromophenol
Concen: 122.687 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

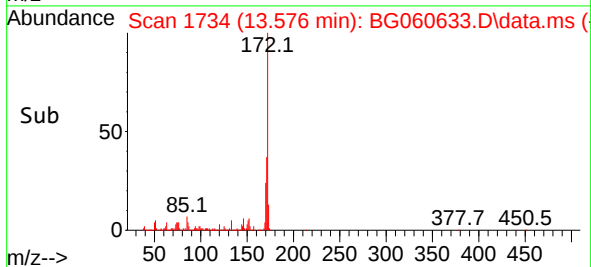
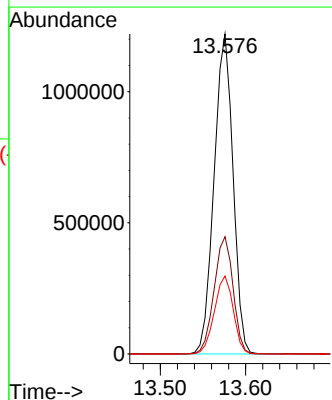
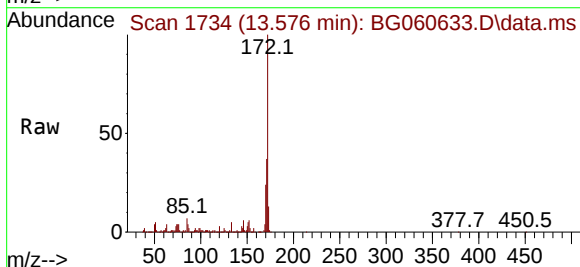
Instrument :
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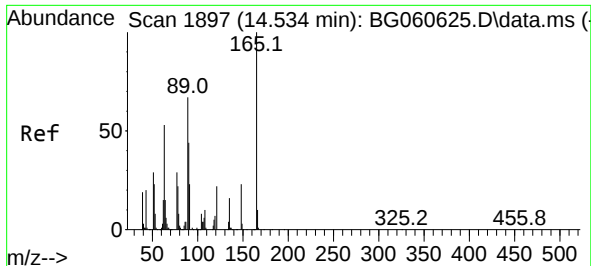
Tgt Ion:330 Resp: 423082
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 33.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 85.496 ng
RT: 13.576 min Scan# 1734
Delta R.T. -0.001 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

Tgt Ion:172 Resp: 1881810
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 24.3 19.8 29.6

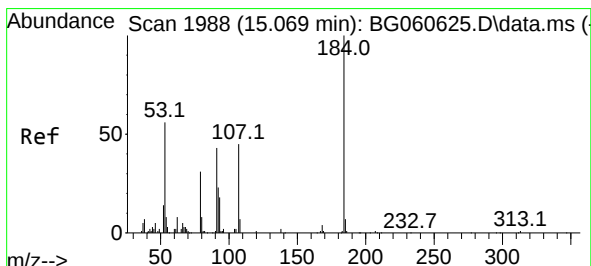
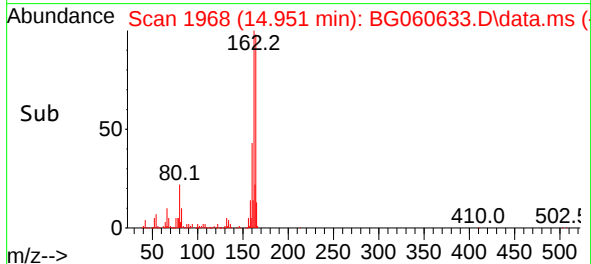
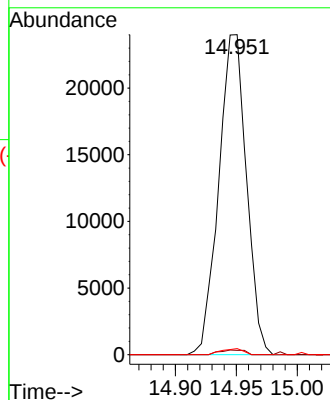
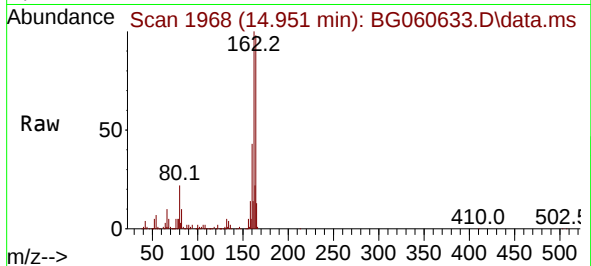




#51
2,6-Dinitrotoluene
Concen: 9.250 ng
RT: 14.951 min Scan# 1939
Delta R.T. 0.417 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

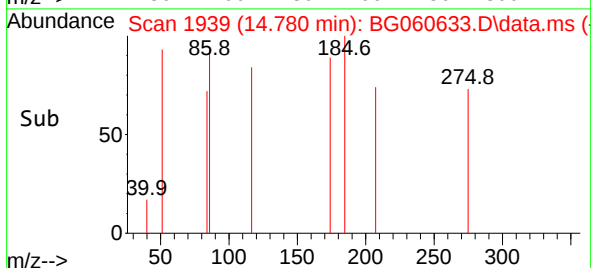
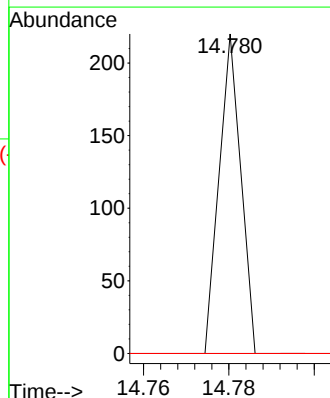
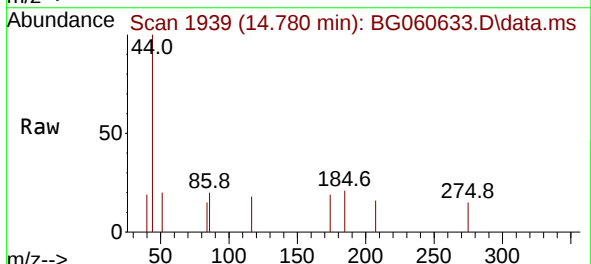
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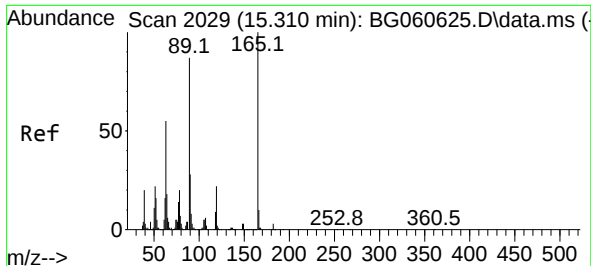
Tgt Ion:165 Resp: 38041
Ion Ratio Lower Upper
165 100
63 1.3 55.8 83.6#
89 1.9 54.1 81.1#



#54
2,4-Dinitrophenol
Concen: 6.878 ng
RT: 14.780 min Scan# 1939
Delta R.T. -0.289 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

Tgt Ion:184 Resp: 78
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#

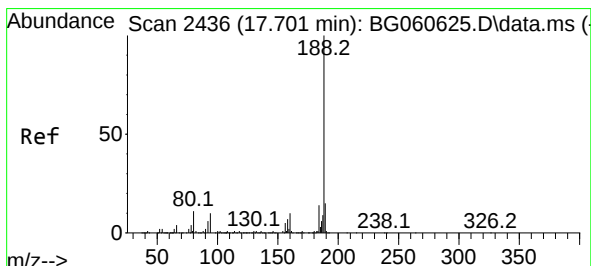
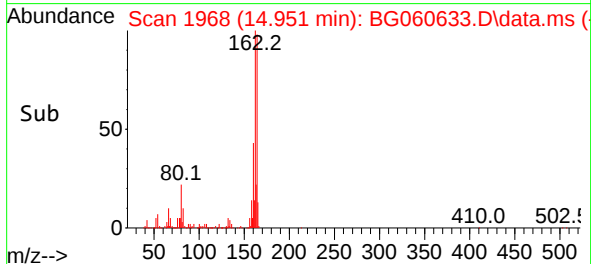
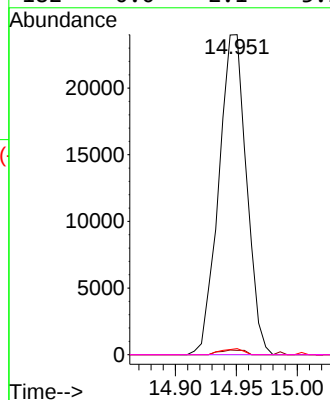
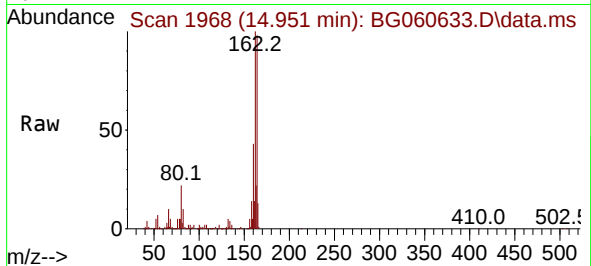




#57
2,4-Dinitrotoluene
Concen: 7.353 ng
RT: 14.951 min Scan# 1968
Delta R.T. -0.359 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

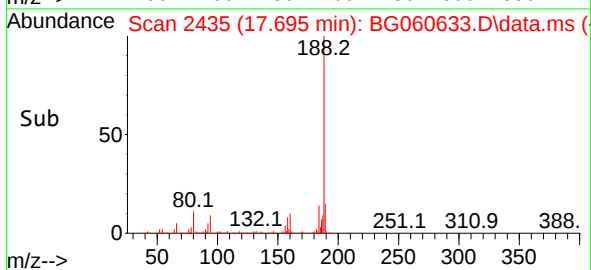
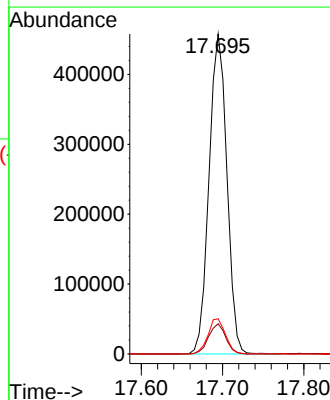
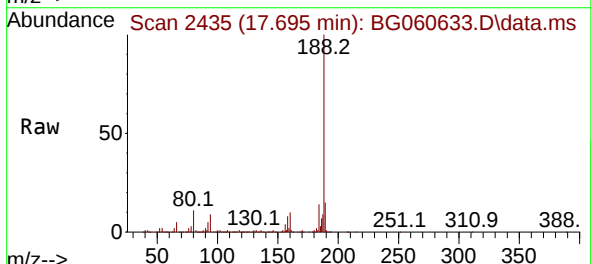
Instrument :
BNA_G
ClientSampleId :
PB159572BL

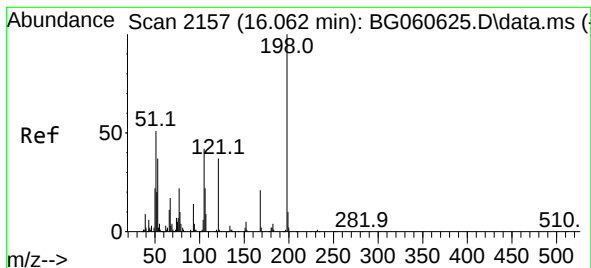
Tgt Ion:165 Resp: 38041
Ion Ratio Lower Upper
165 100
63 1.3 44.1 66.1#
89 1.9 69.7 104.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2435
Delta R.T. -0.007 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

Tgt Ion:188 Resp: 697856
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 11.0 8.6 13.0

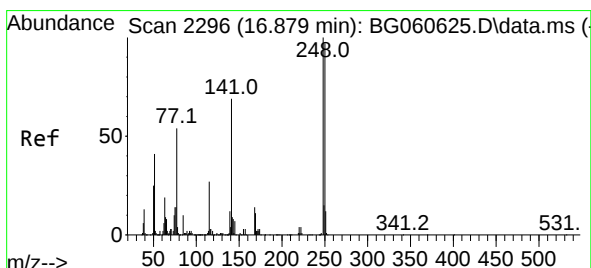
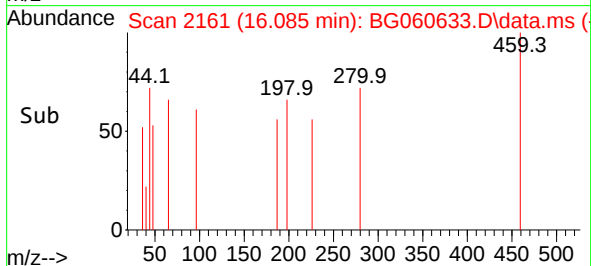
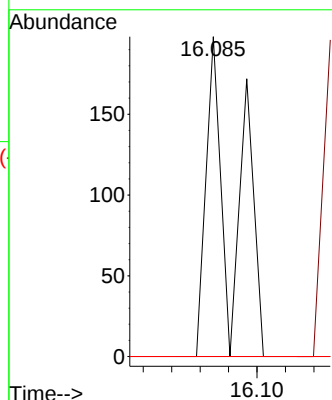
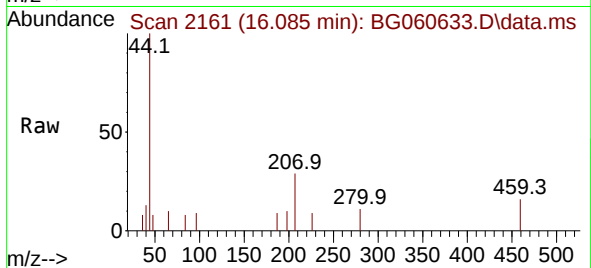




#65
4,6-Dinitro-2-methylphenol
Concen: 4.852 ng
RT: 16.085 min Scan# 21
Delta R.T. 0.023 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

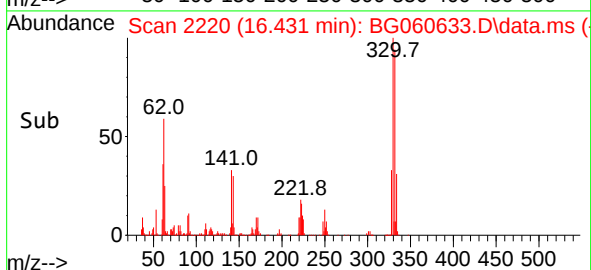
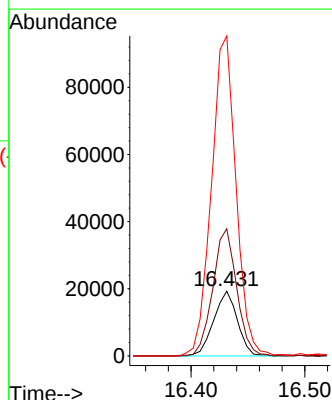
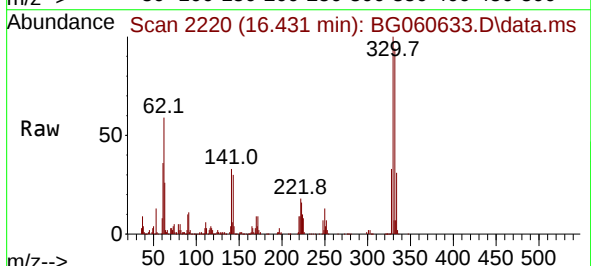
Instrument :
BNA_G
ClientSampleId :
PB159572BL

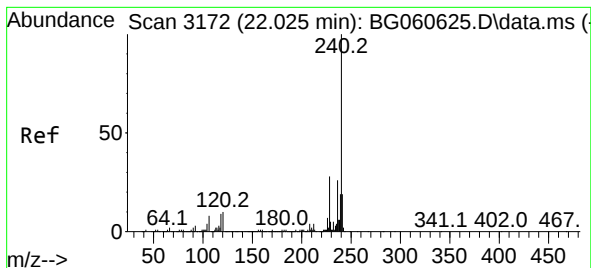
Tgt Ion:198 Resp: 130
Ion Ratio Lower Upper
198 100
51 0.0 36.9 76.9#
105 0.0 22.4 62.4#



#67
4-Bromophenyl-phenylether
Concen: 3.710 ng
RT: 16.431 min Scan# 2220
Delta R.T. -0.447 min
Lab File: BG060633.D
Acq: 14 Mar 2024 11:06

Tgt Ion:248 Resp: 27916
Ion Ratio Lower Upper
248 100
250 195.9 77.8 116.6#
141 493.2 55.1 82.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.013 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG060633.D

Acq: 14 Mar 2024 11:06

Instrument :

BNA_G

ClientSampleId :

PB159572BL

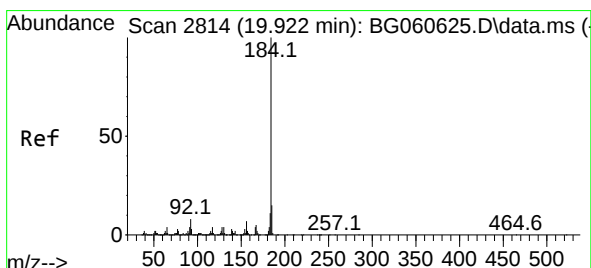
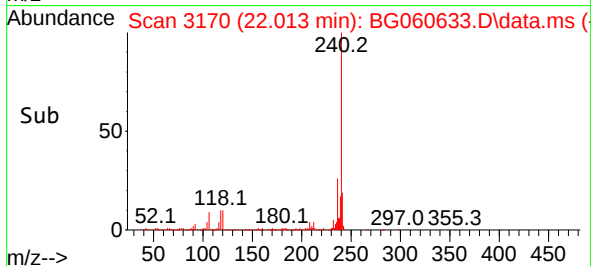
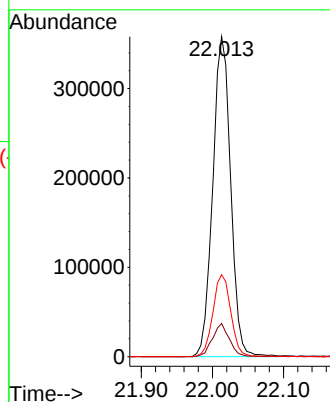
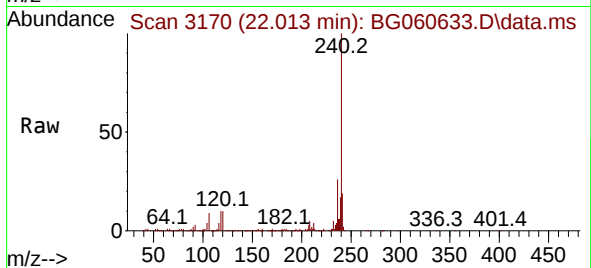
Tgt Ion:240 Resp: 626552

Ion Ratio Lower Upper

240 100

120 10.4 7.8 11.8

236 25.6 20.6 31.0



#77

Benzidine

Concen: 3.323 ng

RT: 20.274 min Scan# 2874

Delta R.T. 0.352 min

Lab File: BG060633.D

Acq: 14 Mar 2024 11:06

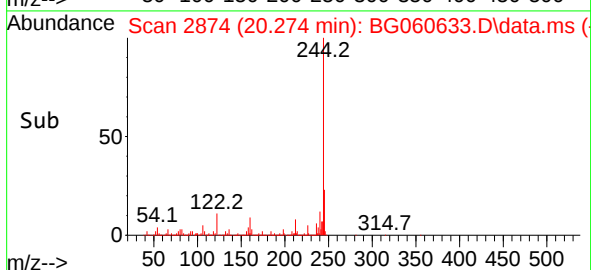
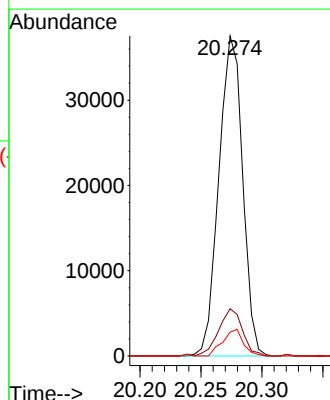
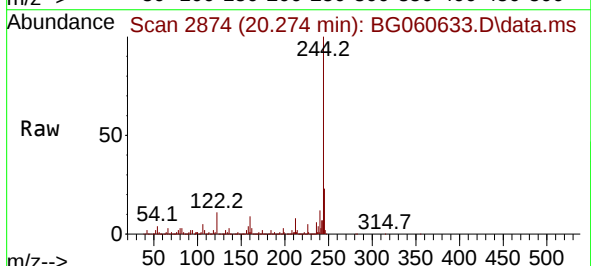
Tgt Ion:184 Resp: 50924

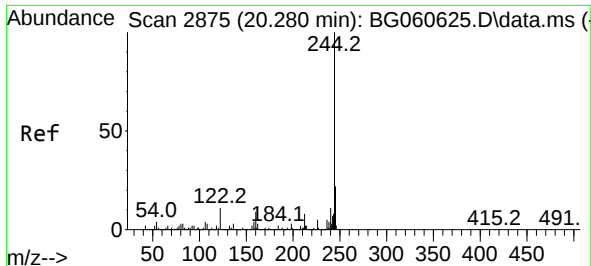
Ion Ratio Lower Upper

184 100

185 14.7 11.7 17.5

183 7.4 9.2 13.8#

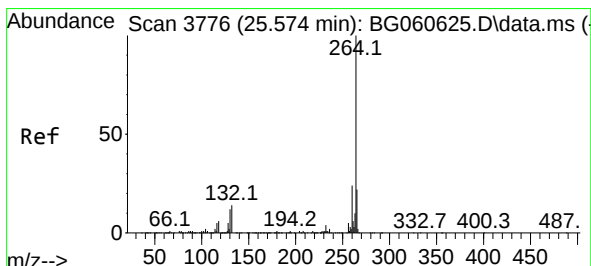
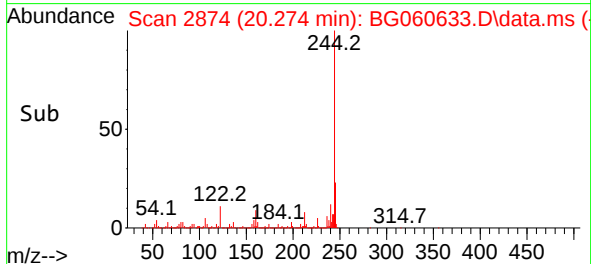
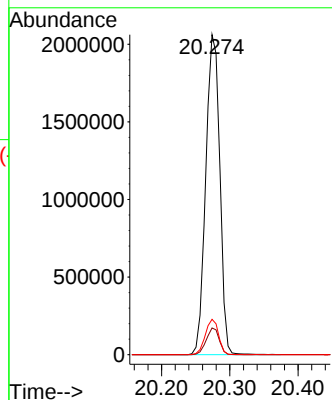
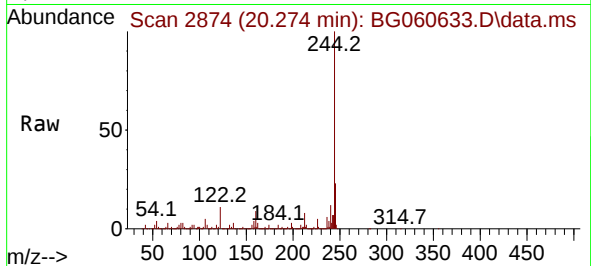




#79
 Terphenyl-d14
 Concen: 85.119 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060633.D
 Acq: 14 Mar 2024 11:06

Instrument :
 BNA_G
 ClientSampleId :
 PB159572BL

Tgt Ion:244 Resp: 2950514
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 11.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.562 min Scan# 3774
 Delta R.T. -0.012 min
 Lab File: BG060633.D
 Acq: 14 Mar 2024 11:06

Tgt Ion:264 Resp: 705350
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.4 29.2
 265 20.6 18.1 27.1

