

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060644.D
 Acq On : 14 Mar 2024 18:36
 Operator : MA/JU
 Sample : P1747-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01-DUP

Quant Time: Mar 15 01:37:01 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)

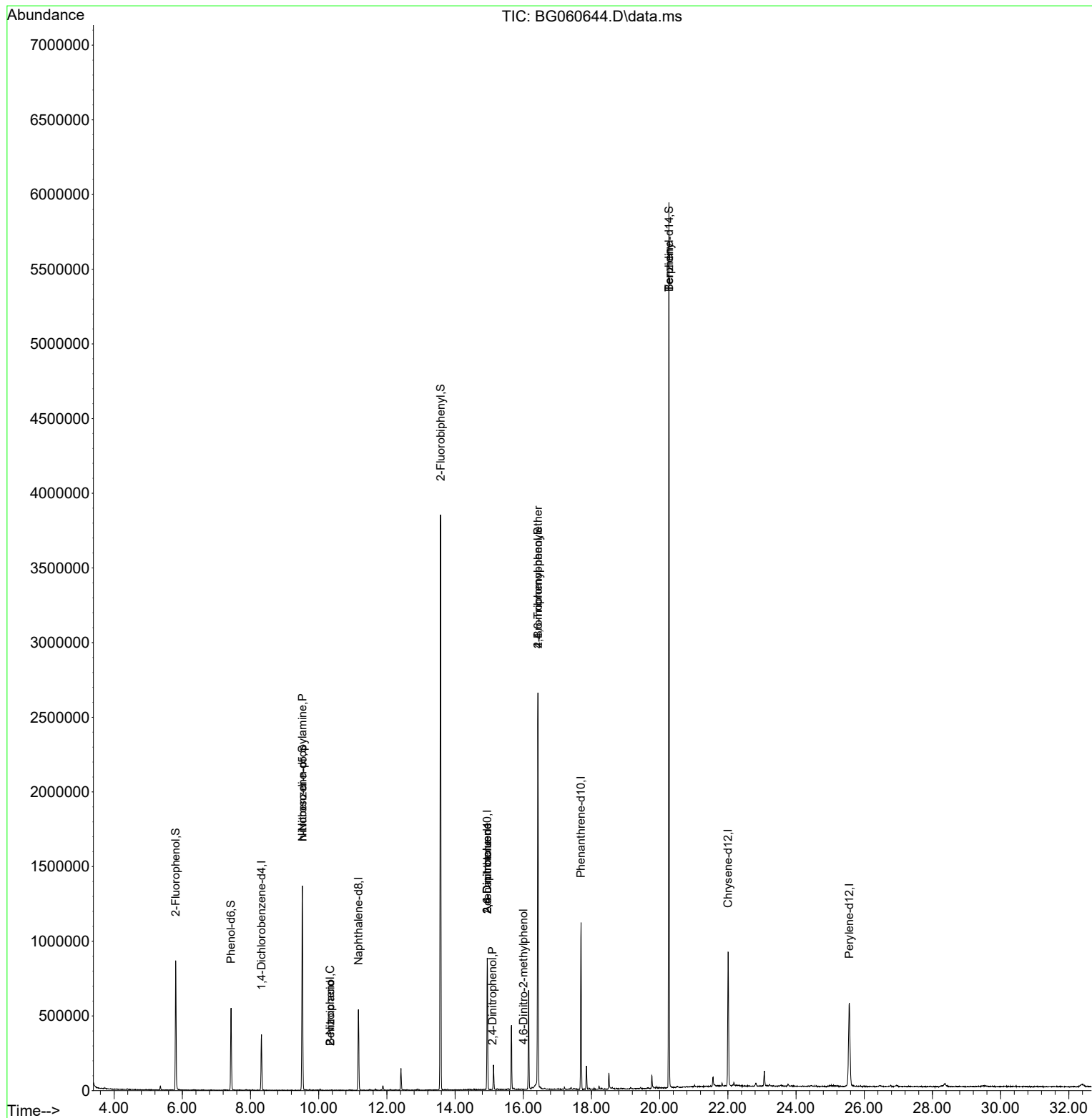
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	95427	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	445954	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	304535	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	669477	20.000	ng	0.00
76) Chrysene-d12	22.007	240	584480	20.000	ng	-0.02
86) Perylene-d12	25.562	264	662527	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	367414	60.525	ng	0.00
7) Phenol-d6	7.430	99	314059	35.665	ng	0.00
23) Nitrobenzene-d5	9.522	82	794648	92.737	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	484867	137.398	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	2030489	90.147	ng	0.00
79) Terphenyl-d14	20.274	244	2782609	86.054	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.522	70	99101	16.236	ng	# 80
26) 2-Nitrophenol	10.339	139	69	2.255	ng	# 23
32) Benzoic acid	10.344	122	129	6.043	ng	# 1
51) 2,6-Dinitrotoluene	14.945	165	39409	9.364	ng	# 17
54) 2,4-Dinitrophenol	15.098	184	69	6.873	ng	# 17
57) 2,4-Dinitrotoluene	14.945	165	39409	7.444	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.003	198	124	4.852	ng	# 27
67) 4-Bromophenyl-phenylether	16.431	248	31987	4.431	ng	# 1
77) Benzidine	20.274	184	47726	3.338	ng	# 91

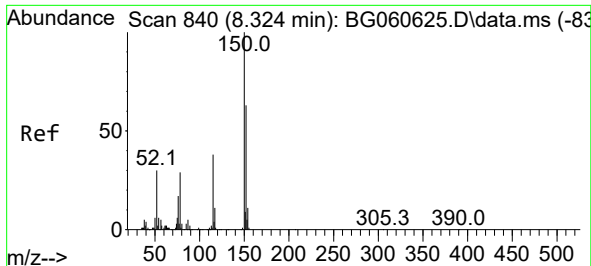
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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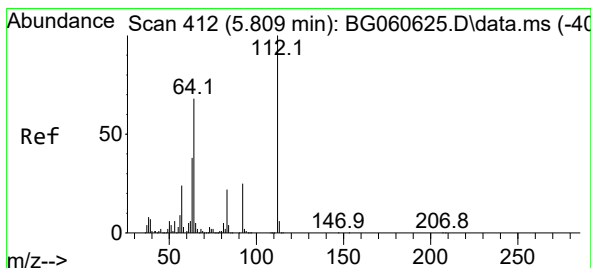
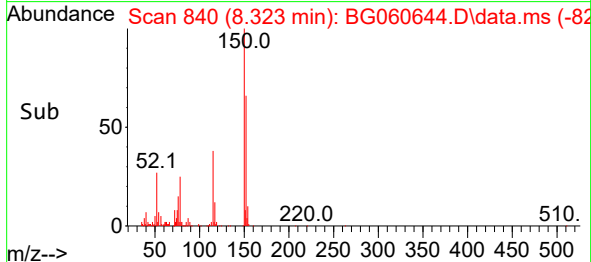
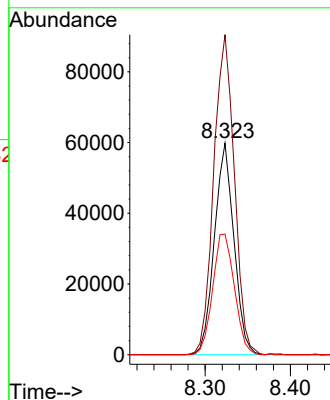
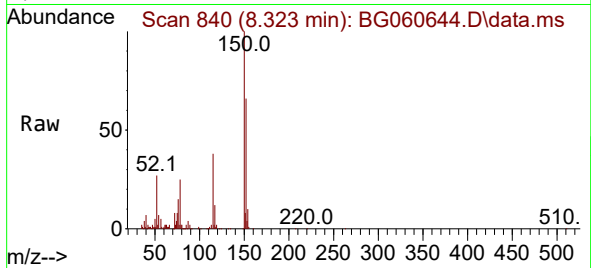




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.323 min Scan# 840
Delta R.T. -0.001 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

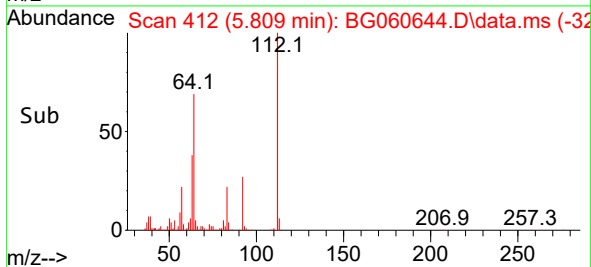
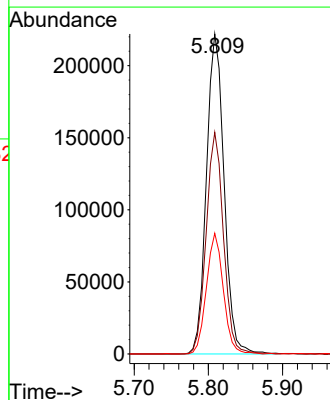
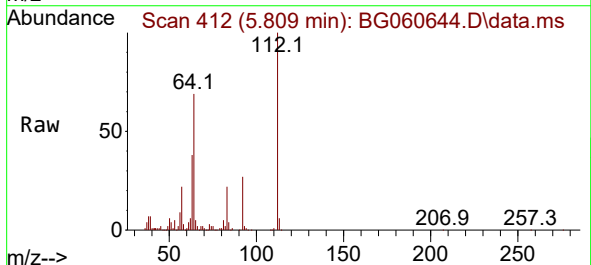
Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

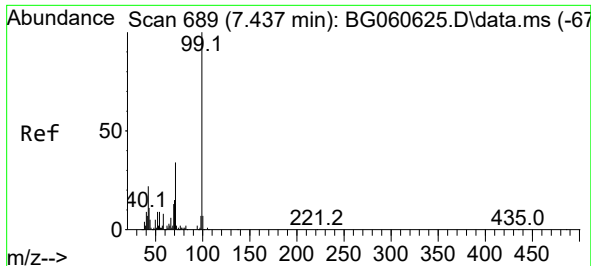
Tgt Ion:152 Resp: 95427
Ion Ratio Lower Upper
152 100
150 151.2 126.6 190.0
115 57.0 47.8 71.8



#5
2-Fluorophenol
Concen: 60.525 ng
RT: 5.809 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

Tgt Ion:112 Resp: 367414
Ion Ratio Lower Upper
112 100
64 69.2 54.1 81.1
63 37.7 30.3 45.5

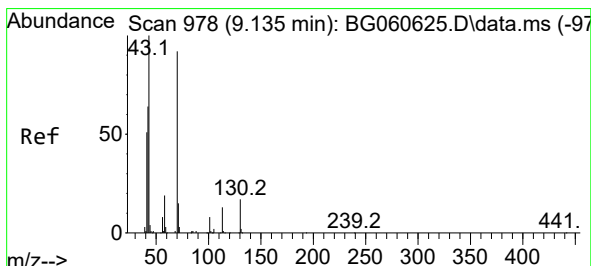
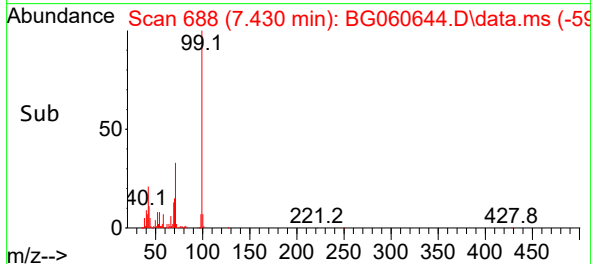
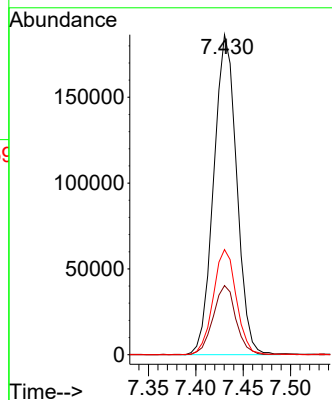
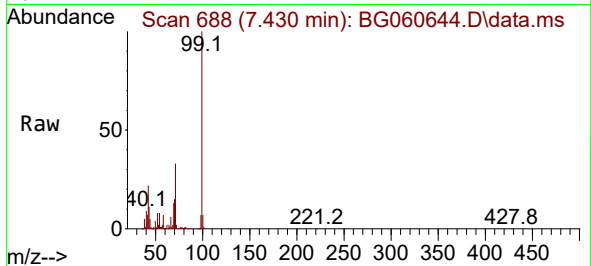




#7
Phenol-d6
Concen: 35.665 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

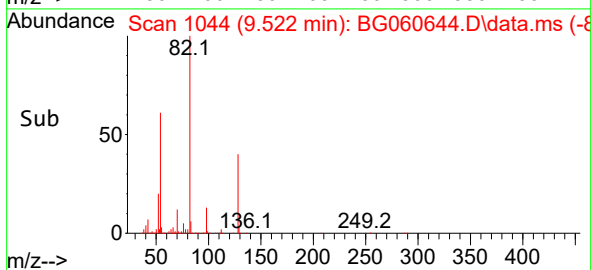
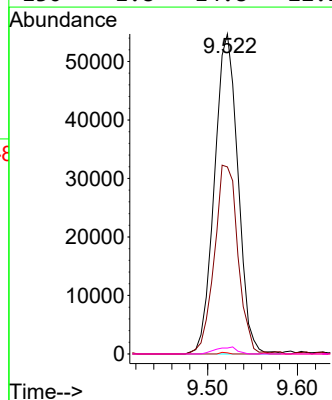
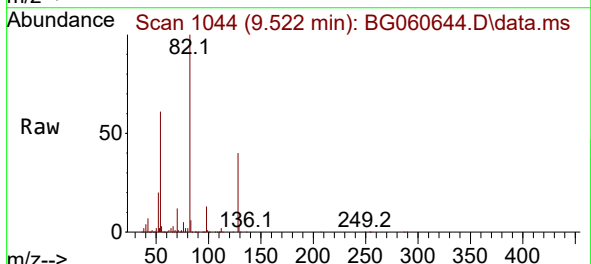
Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

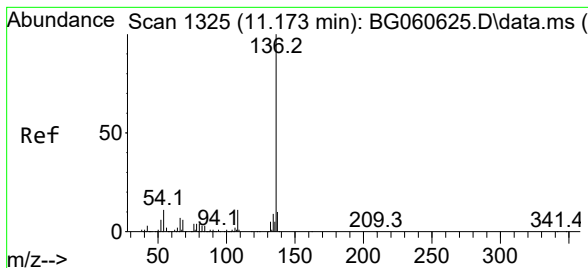
Tgt Ion: 99 Resp: 314059
Ion Ratio Lower Upper
99 100
42 21.6 17.5 26.3
71 32.8 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.236 ng
RT: 9.522 min Scan# 1044
Delta R.T. 0.387 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

Tgt Ion: 70 Resp: 99101
Ion Ratio Lower Upper
70 100
42 58.4 56.2 84.2
101 0.4 7.4 11.0#
130 1.8 14.8 22.2#



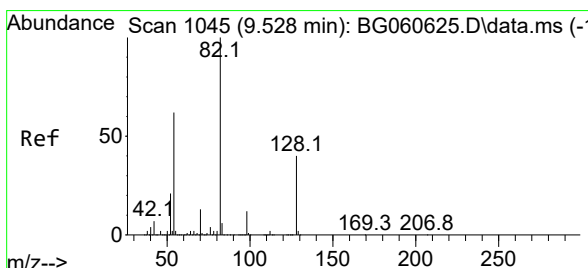
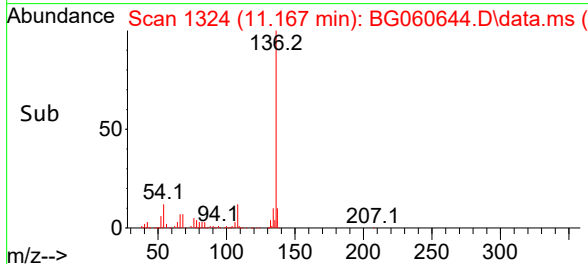
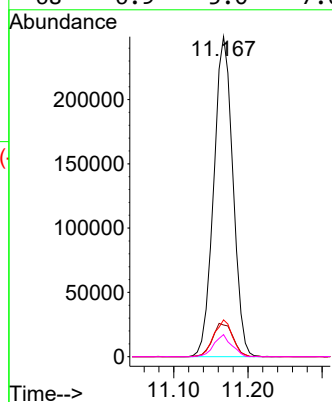
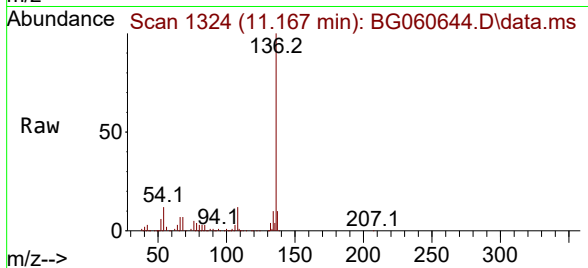


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

Tgt Ion:136 Resp: 445954

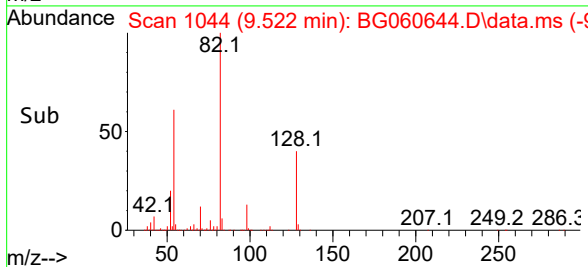
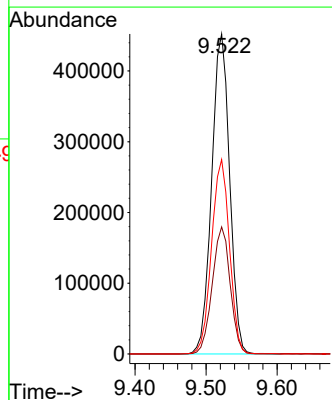
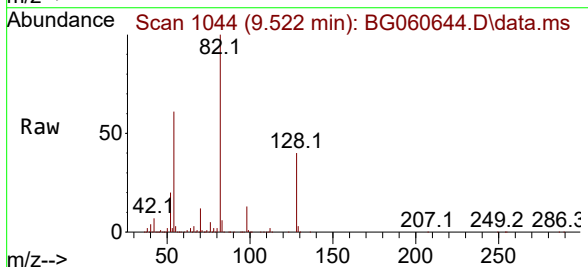
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.4	12.6
54	11.5	8.5	12.7
68	6.9	5.0	7.6

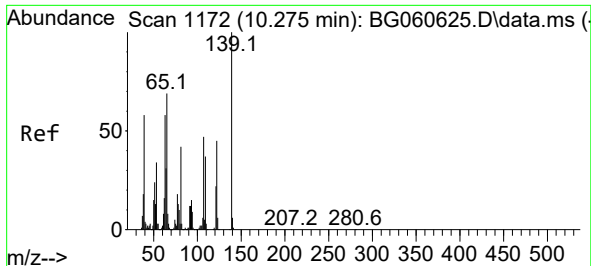


#23
Nitrobenzene-d5
Concen: 92.737 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

Tgt Ion: 82 Resp: 794648

Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.6	47.4
54	60.8	49.3	73.9

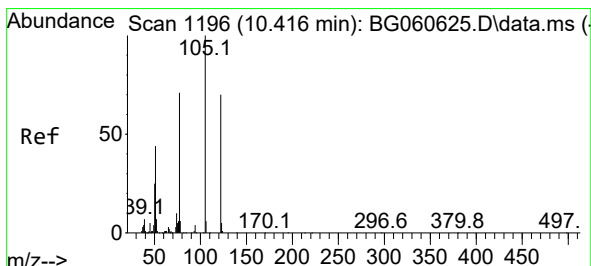
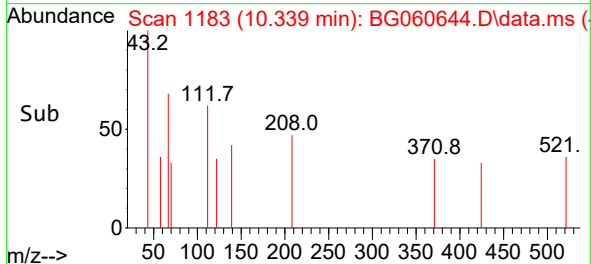
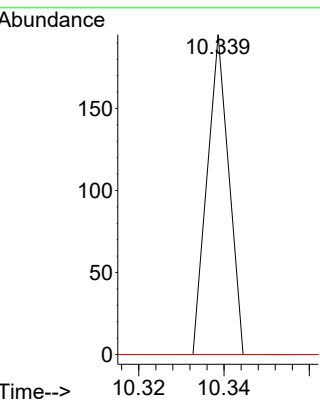
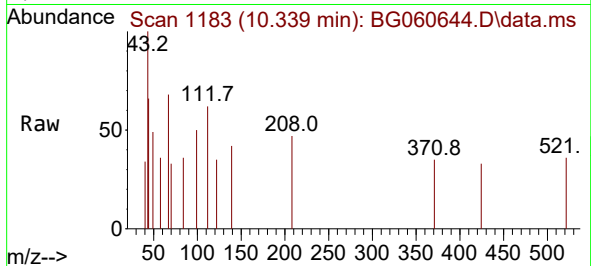




#26
2-Nitrophenol
Concen: 2.255 ng
RT: 10.339 min Scan# 1172
Delta R.T. 0.064 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

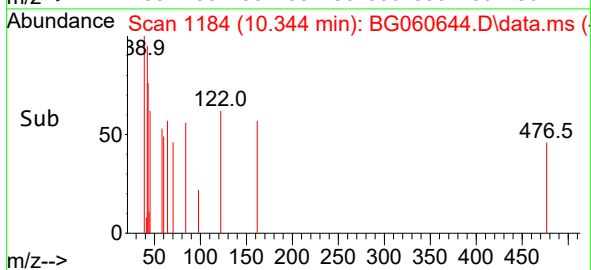
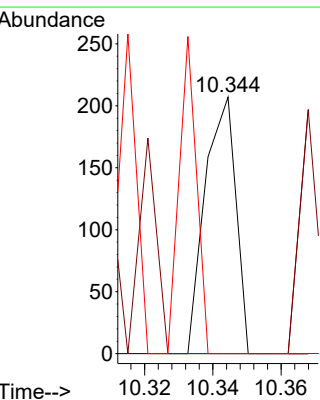
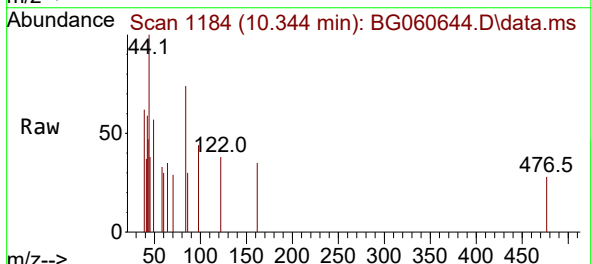
Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

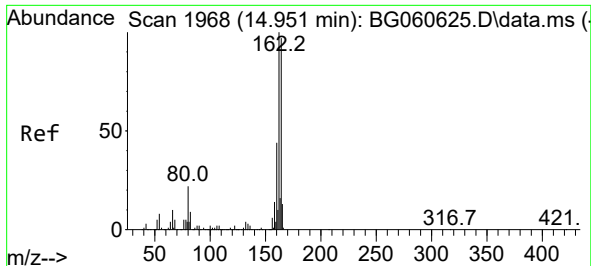
Tgt Ion:139 Resp: 69
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.043 ng
RT: 10.344 min Scan# 1184
Delta R.T. -0.072 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

Tgt Ion:122 Resp: 129
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#

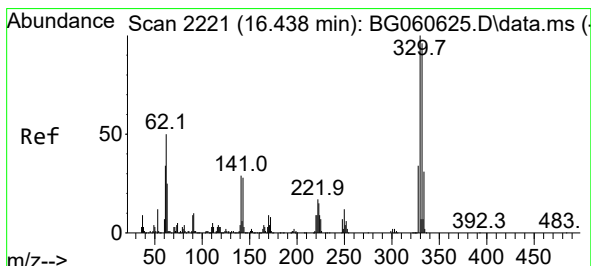
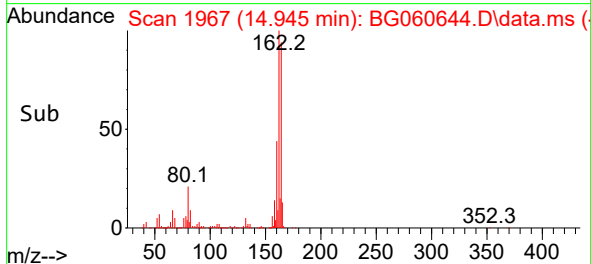
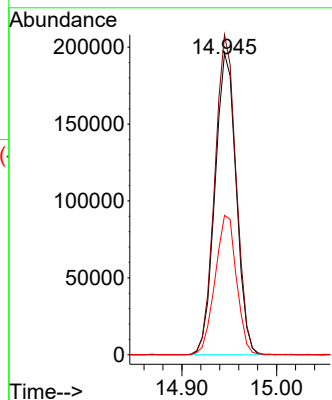
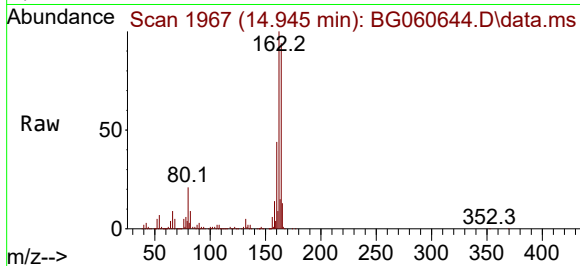




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

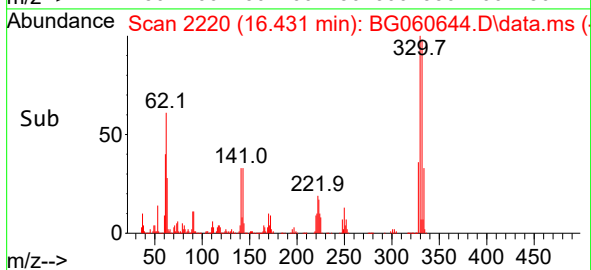
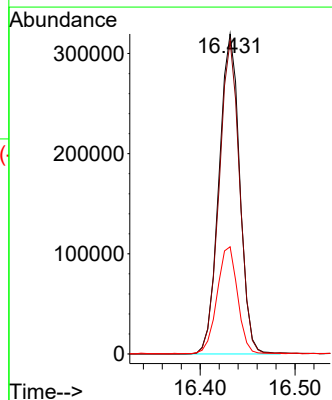
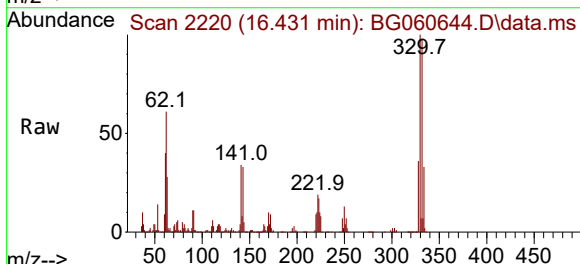
Instrument :
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ClientSampleId :
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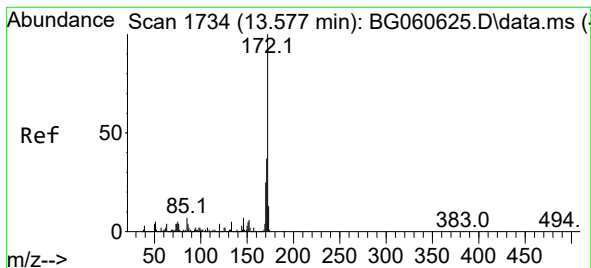
Tgt Ion:164 Resp: 304535
Ion Ratio Lower Upper
164 100
162 106.2 82.5 123.7
160 46.2 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 137.398 ng
RT: 16.431 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

Tgt Ion:330 Resp: 484867
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 33.0 25.4 38.2

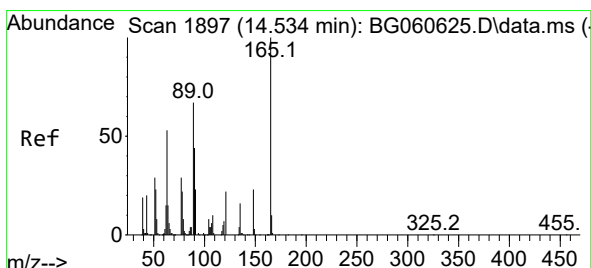
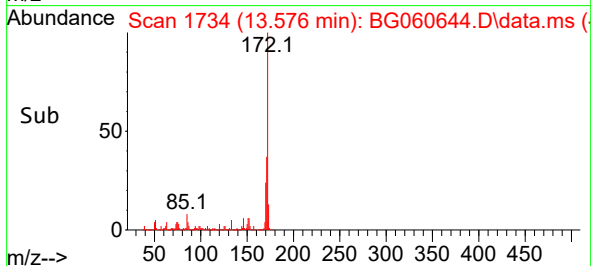
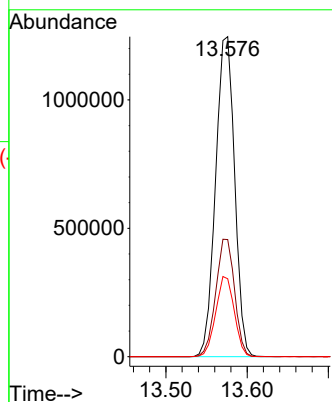
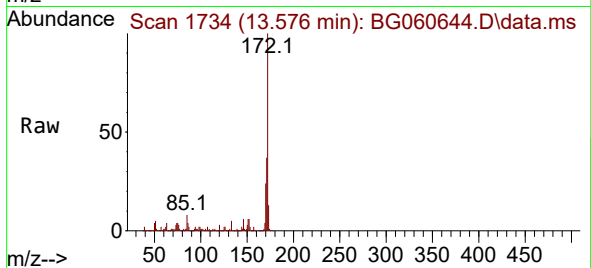




#45
2-Fluorobiphenyl
Concen: 90.147 ng
RT: 13.576 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

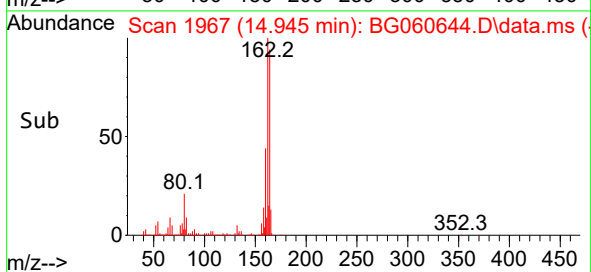
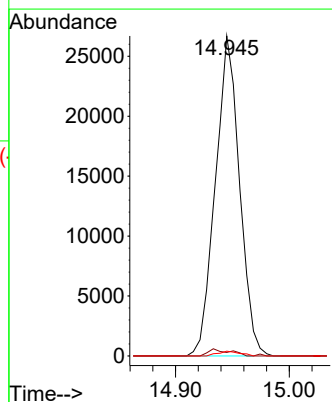
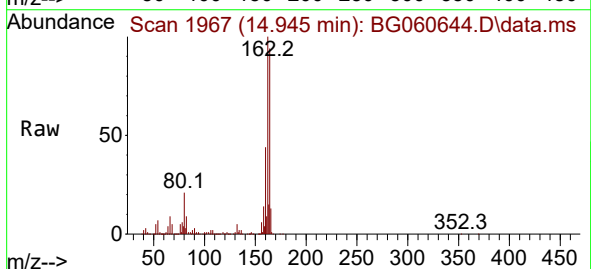
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BNA_G
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MW-01-DUP

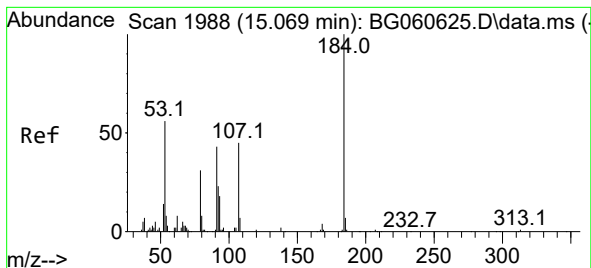
Tgt Ion:172 Resp: 2030489
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 24.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.364 ng
RT: 14.945 min Scan# 1967
Delta R.T. 0.411 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

Tgt Ion:165 Resp: 39409
Ion Ratio Lower Upper
165 100
63 1.1 55.8 83.6#
89 1.5 54.1 81.1#

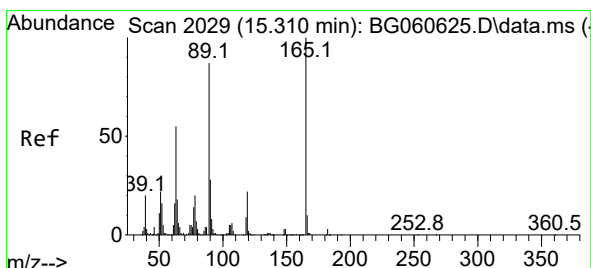
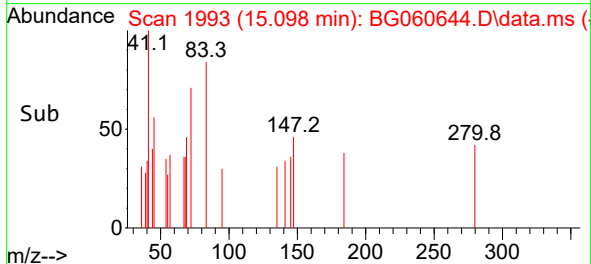
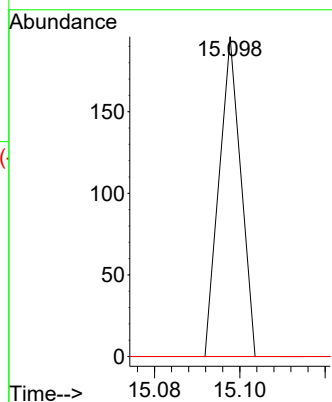
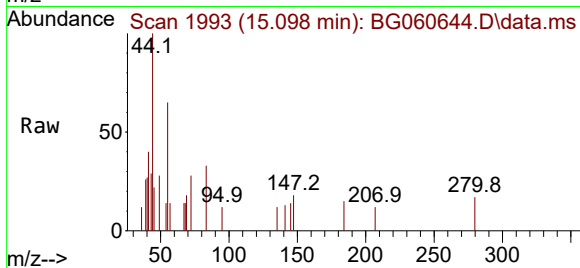




#54
2,4-Dinitrophenol
Concen: 6.873 ng
RT: 15.098 min Scan# 1967
Delta R.T. 0.029 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

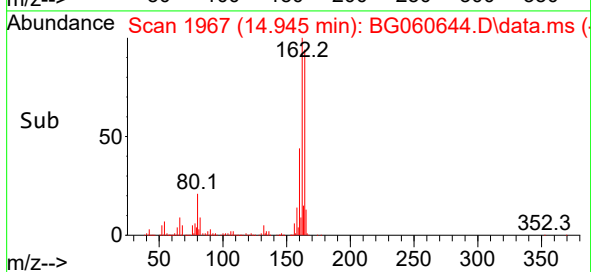
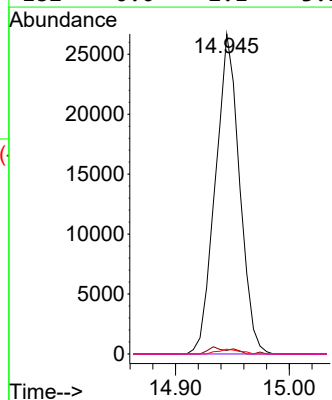
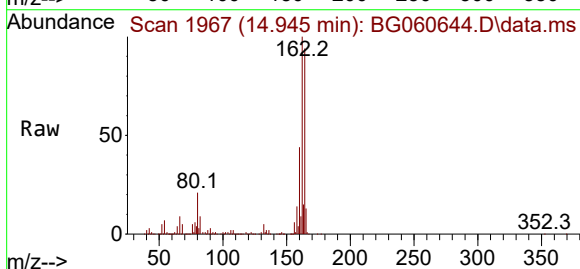
Instrument :
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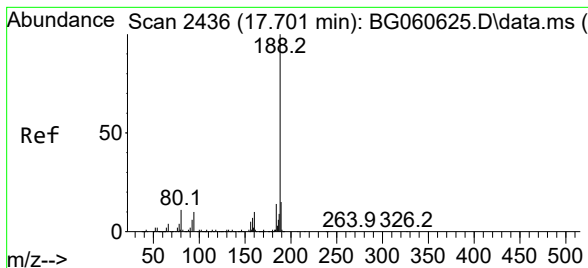
Tgt Ion:184 Resp: 69
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.444 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.365 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

Tgt Ion:165 Resp: 39409
Ion Ratio Lower Upper
165 100
63 1.1 44.1 66.1#
89 1.5 69.7 104.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.695 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BG060644.D

Acq: 14 Mar 2024 18:36

Instrument :

BNA_G

ClientSampleId :

MW-01-DUP

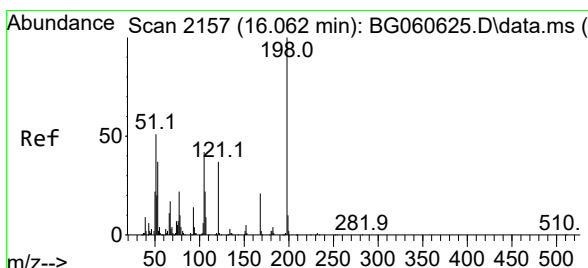
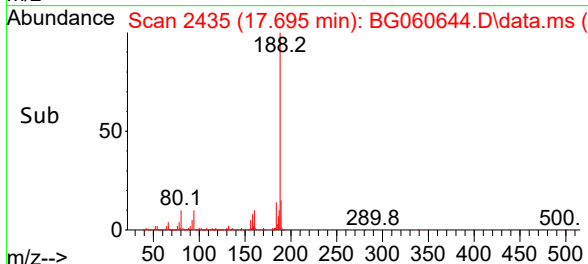
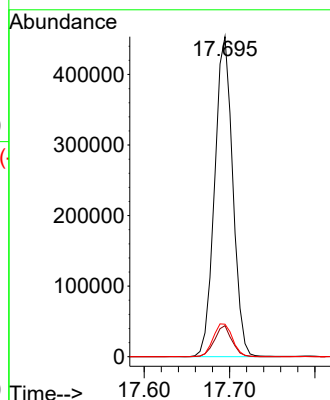
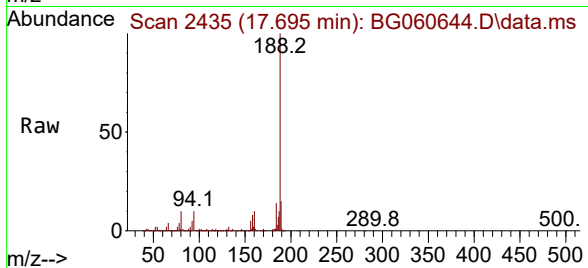
Tgt Ion:188 Resp: 669477

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.2 8.6 13.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.852 ng

RT: 16.003 min Scan# 2147

Delta R.T. -0.059 min

Lab File: BG060644.D

Acq: 14 Mar 2024 18:36

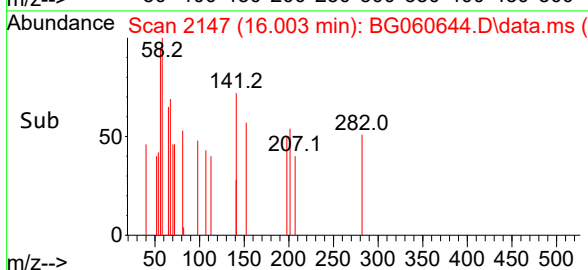
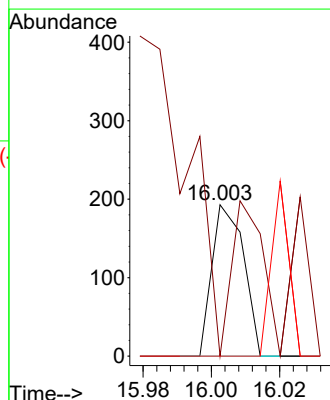
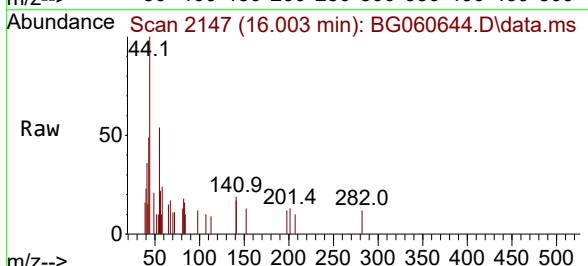
Tgt Ion:198 Resp: 124

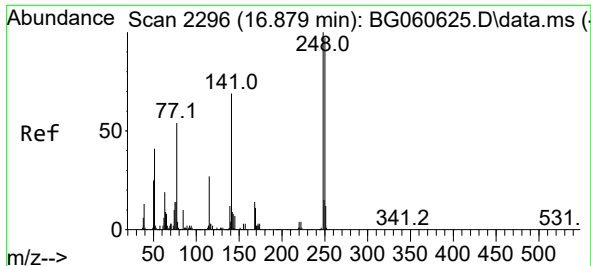
Ion Ratio Lower Upper

198 100

51 0.0 36.9 76.9#

105 0.0 22.4 62.4#

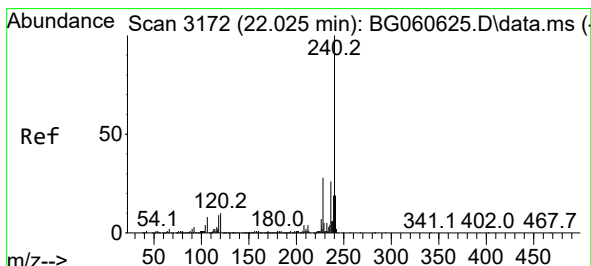
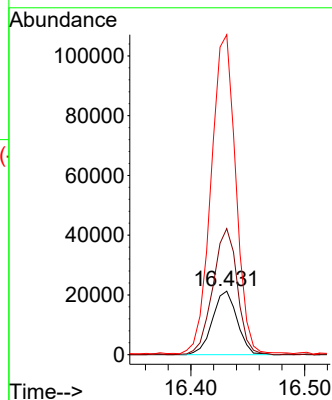
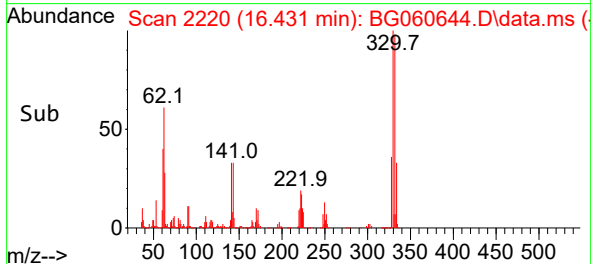
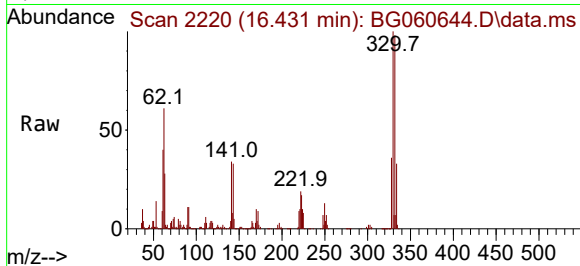




#67
4-Bromophenyl-phenylether
Concen: 4.431 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

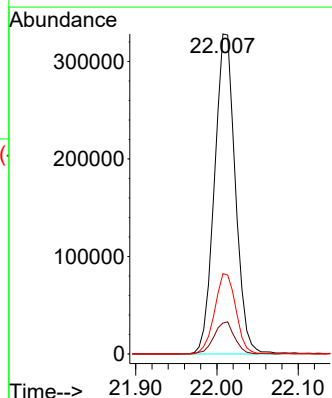
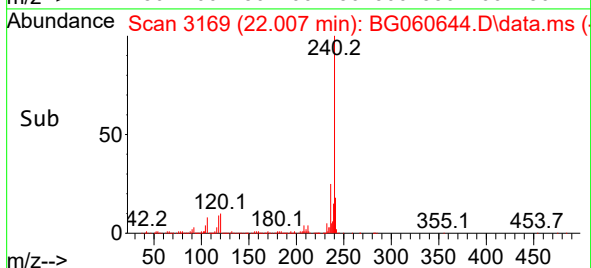
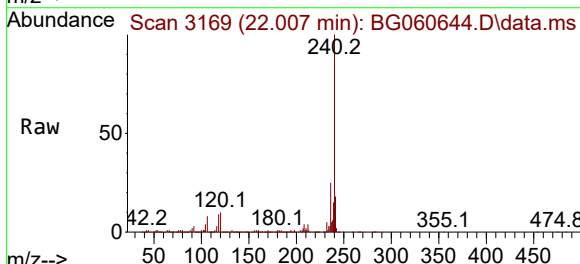
Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

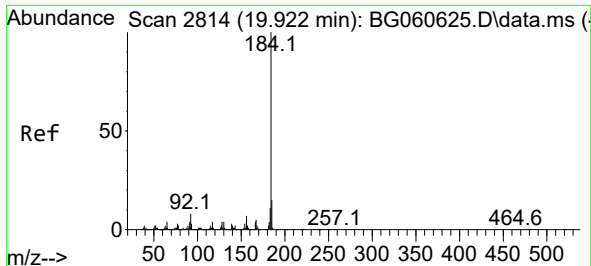
Tgt Ion:248 Resp: 31987
Ion Ratio Lower Upper
248 100
250 198.2 77.8 116.6#
141 503.3 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.007 min Scan# 3169
Delta R.T. -0.018 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

Tgt Ion:240 Resp: 584480
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.8
236 25.1 20.6 31.0

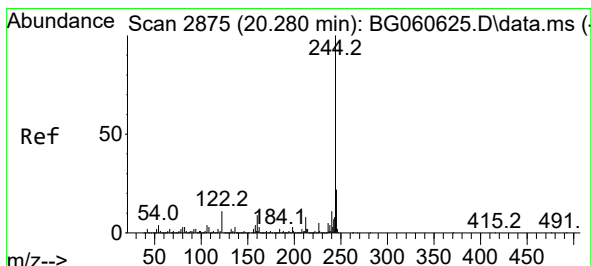
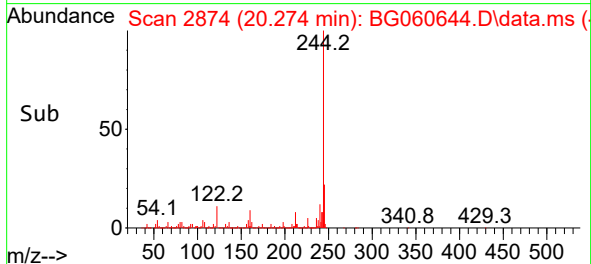
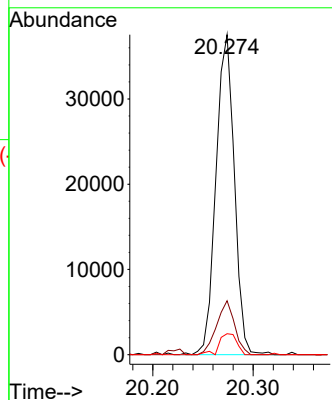
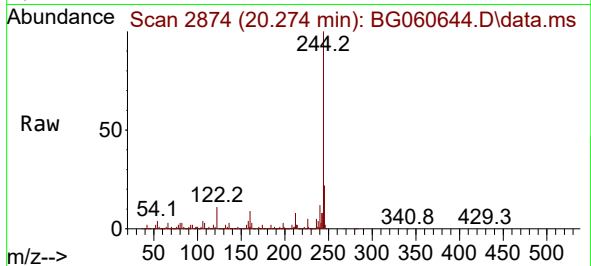




#77
Benzidine
Concen: 3.338 ng
RT: 20.274 min Scan# 2874
Delta R.T. 0.352 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

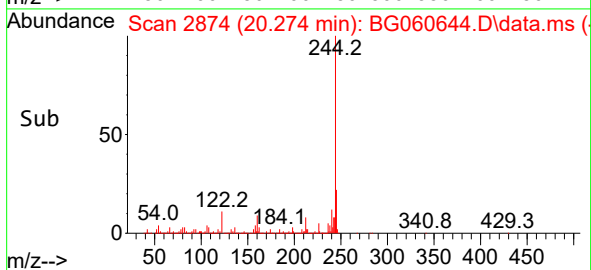
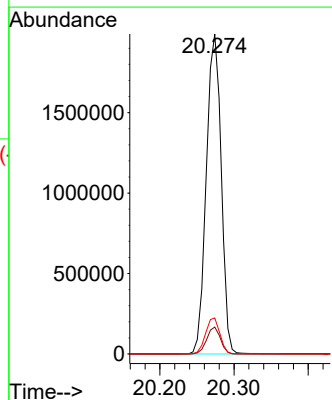
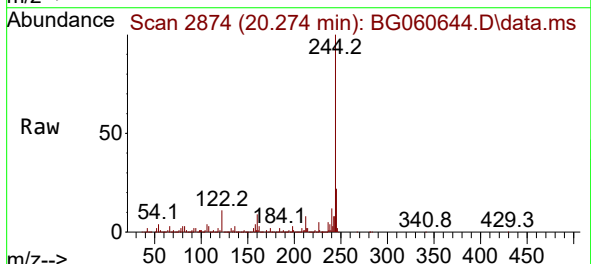
Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

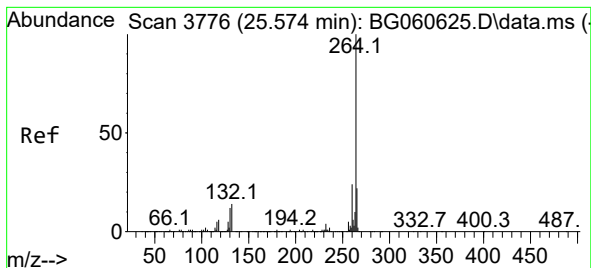
Tgt Ion:184 Resp: 47726
Ion Ratio Lower Upper
184 100
185 16.8 11.7 17.5
183 6.6 9.2 13.8#



#79
Terphenyl-d14
Concen: 86.054 ng
RT: 20.274 min Scan# 2874
Delta R.T. -0.006 min
Lab File: BG060644.D
Acq: 14 Mar 2024 18:36

Tgt Ion:244 Resp: 2782609
Ion Ratio Lower Upper
244 100
212 8.4 6.6 9.8
122 11.3 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.562 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG060644.D

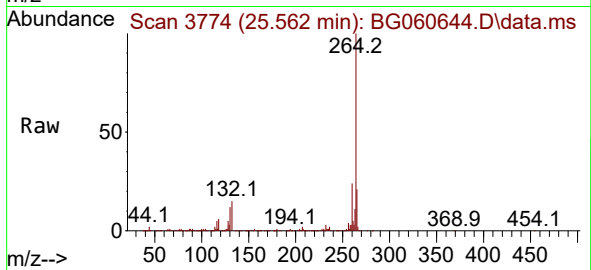
Acq: 14 Mar 2024 18:36

Instrument :

BNA_G

ClientSampleId :

MW-01-DUP



Tgt Ion:264 Resp: 662527

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.0 18.1 27.1

