

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060666.D
 Acq On : 15 Mar 2024 16:49
 Operator : MA/JU
 Sample : P1769-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Mar 15 17:28:13 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)

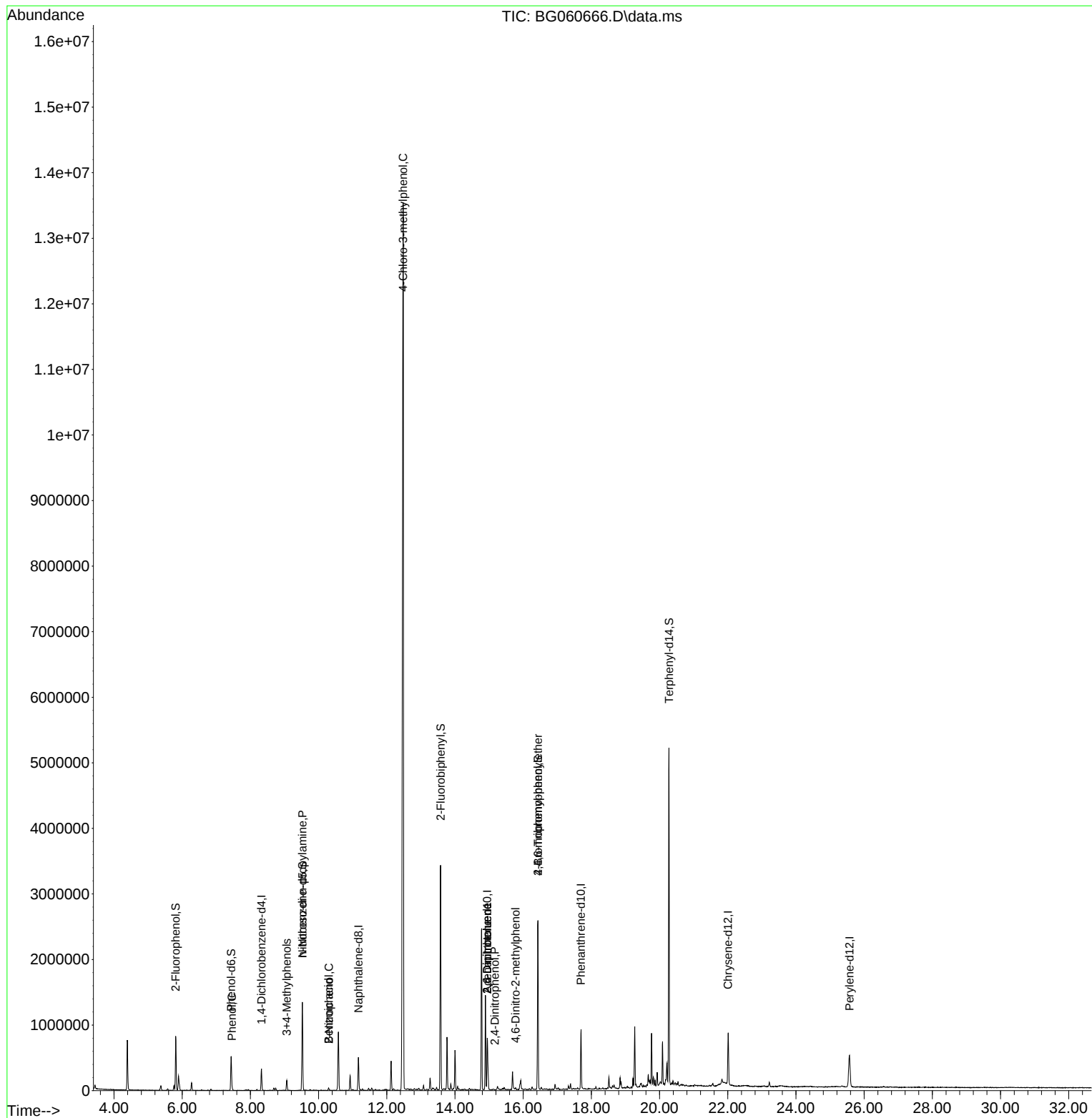
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	89979	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	411511	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	276984	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	567162	20.000	ng	0.00
76) Chrysene-d12	22.008	240	504480	20.000	ng	-0.02
86) Perylene-d12	25.568	264	586261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	335947	58.692	ng	0.00
7) Phenol-d6	7.437	99	295926	35.640	ng	0.00
23) Nitrobenzene-d5	9.522	82	766388	96.925	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	500030	155.789	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	1796096	87.673	ng	0.00
79) Terphenyl-d14	20.275	244	2518265	90.229	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.460	94	19558	2.348	ng	84
19) n-Nitroso-di-n-propyla...	9.522	70	97284	16.903	ng	# 80
20) 3+4-Methylphenols	9.064	107	69960	8.108	ng	93
26) 2-Nitrophenol	10.298	139	57	2.253	ng	# 1
32) Benzoic acid	10.292	122	10888	8.089	ng	# 14
36) 4-Chloro-3-methylphenol	12.478	107	4540986	589.422	ng	# 26
51) 2,6-Dinitrotoluene	14.945	165	37844	9.887	ng	# 19
54) 2,4-Dinitrophenol	15.169	184	54	6.869	ng	# 15
57) 2,4-Dinitrotoluene	14.945	165	37844	7.859	ng	# 18
65) 4,6-Dinitro-2-methylph...	15.780	198	147	4.866	ng	# 1
67) 4-Bromophenyl-phenylether	16.432	248	33097	5.411	ng	# 1

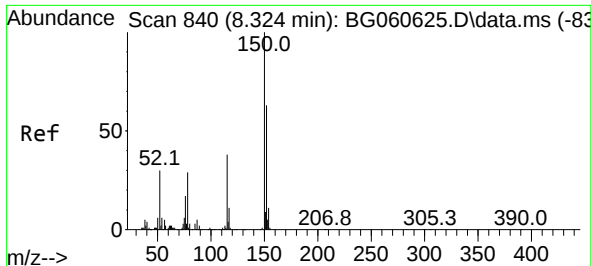
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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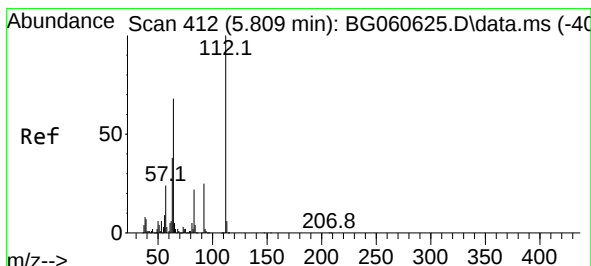
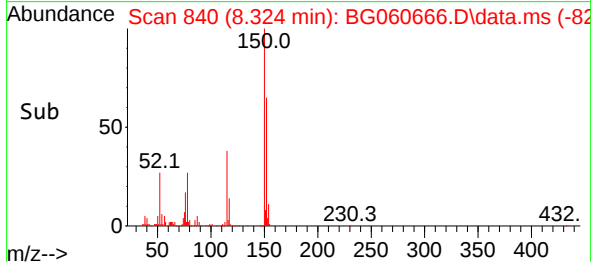
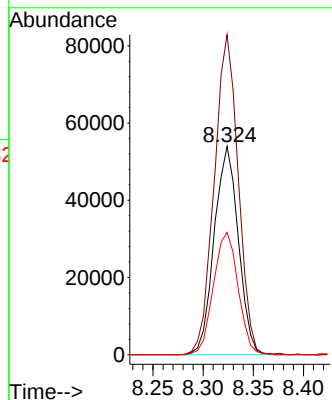
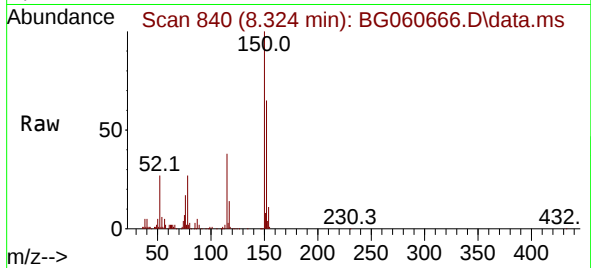




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.324 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: BG060666.D
 Acq: 15 Mar 2024 16:49

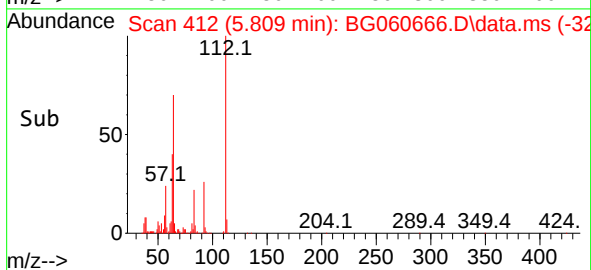
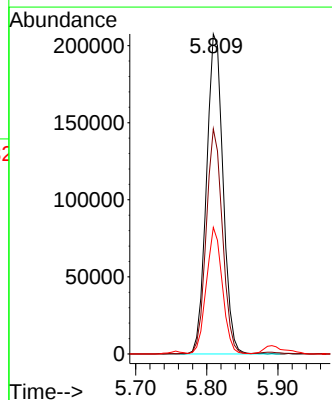
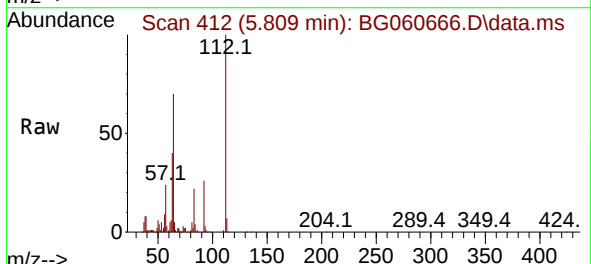
Instrument :
 BNA_G
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 MW-1

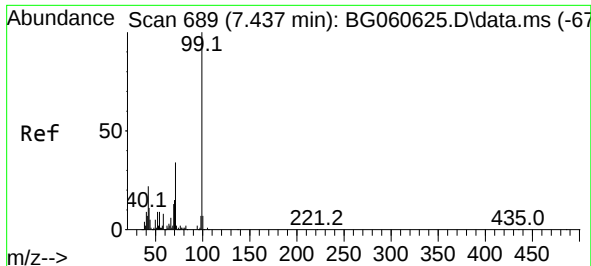
Tgt Ion:152 Resp: 89979
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.6 190.0
 115 58.8 47.8 71.8



#5
 2-Fluorophenol
 Concen: 58.692 ng
 RT: 5.809 min Scan# 412
 Delta R.T. -0.000 min
 Lab File: BG060666.D
 Acq: 15 Mar 2024 16:49

Tgt Ion:112 Resp: 335947
 Ion Ratio Lower Upper
 112 100
 64 70.4 54.1 81.1
 63 39.6 30.3 45.5

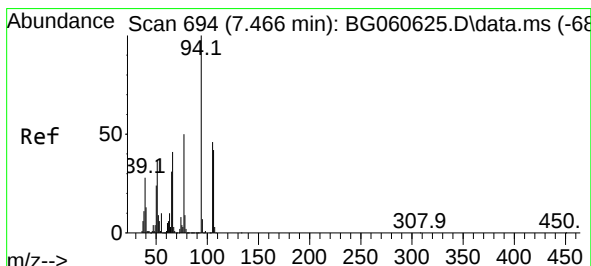
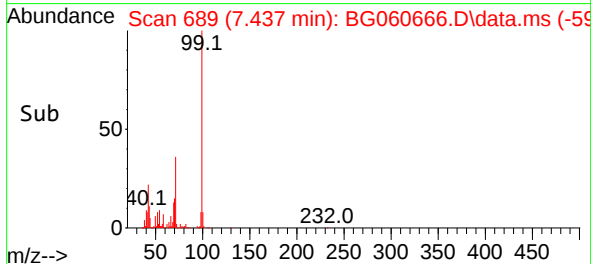
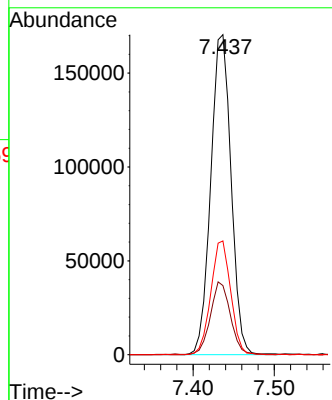
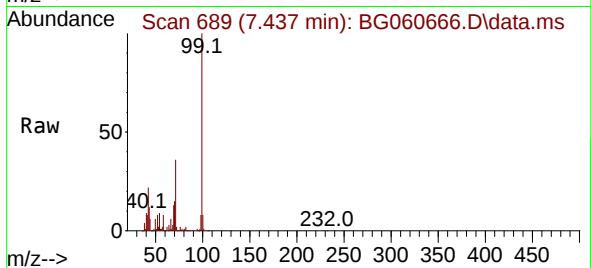




#7
Phenol-d6
Concen: 35.640 ng
RT: 7.437 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

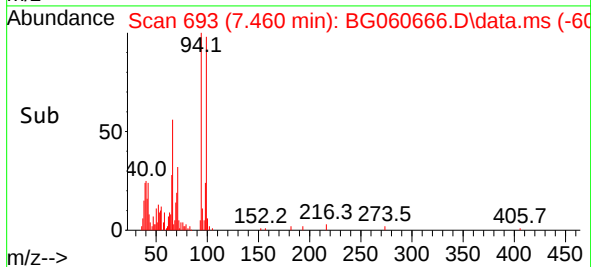
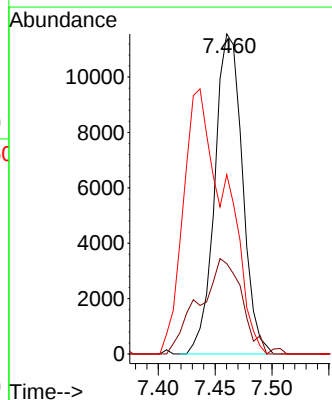
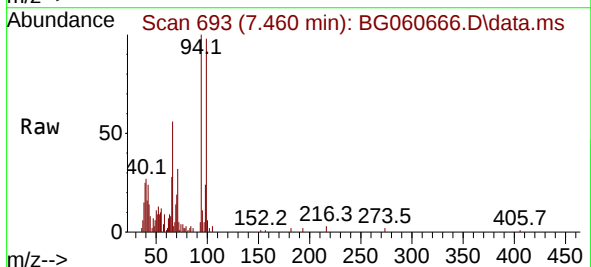
Instrument :
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ClientSampleId :
MW-1

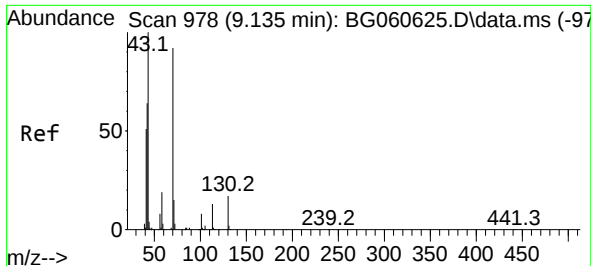
Tgt Ion: 99 Resp: 295926
Ion Ratio Lower Upper
99 100
42 21.6 17.5 26.3
71 35.6 27.4 41.0



#10
Phenol
Concen: 2.348 ng
RT: 7.460 min Scan# 693
Delta R.T. -0.006 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

Tgt Ion: 94 Resp: 19558
Ion Ratio Lower Upper
94 100
65 28.2 11.2 51.2
66 56.0 21.0 61.0

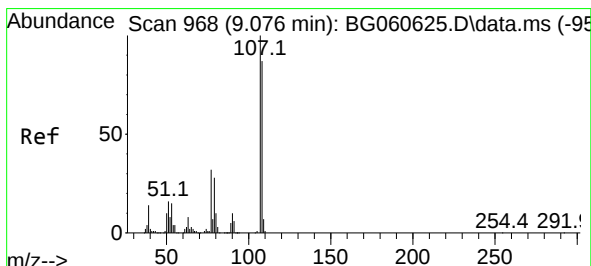
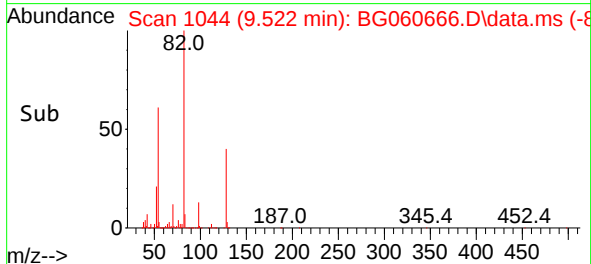
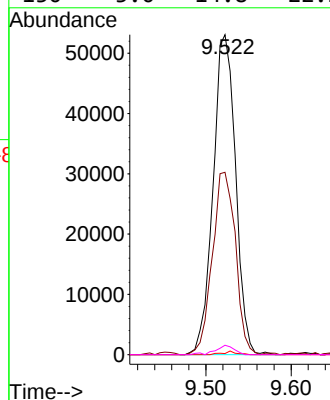
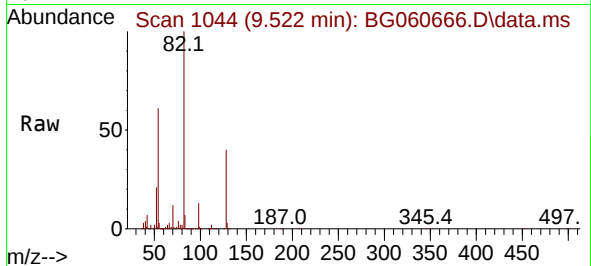




#19
n-Nitroso-di-n-propylamine
Concen: 16.903 ng
RT: 9.522 min Scan# 1044
Delta R.T. 0.388 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

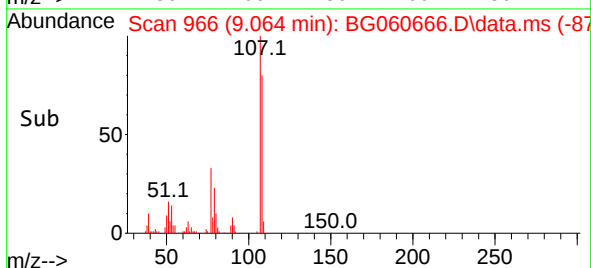
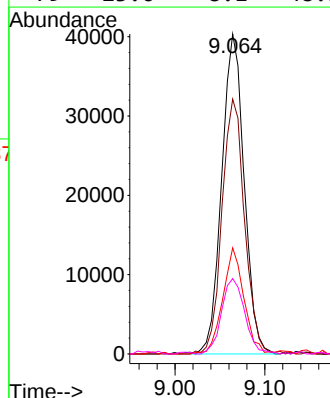
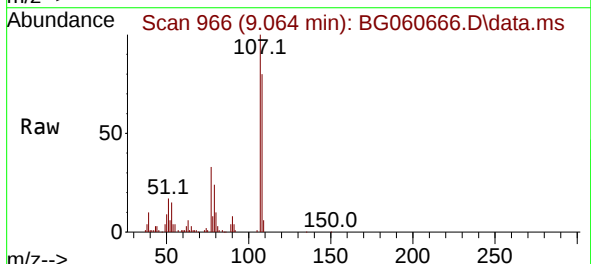
Instrument :
BNA_G
ClientSampleId :
MW-1

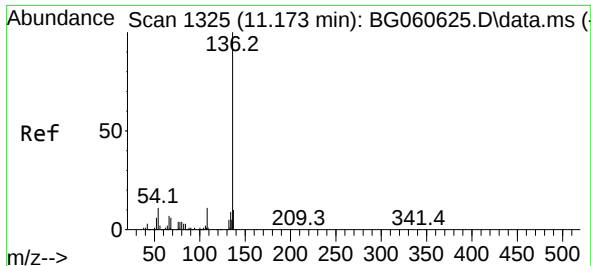
Tgt Ion: 70 Resp: 97284
Ion Ratio Lower Upper
70 100
42 57.0 56.2 84.2
101 0.3 7.4 11.0#
130 3.0 14.8 22.2#



#20
3+4-Methylphenols
Concen: 8.108 ng
RT: 9.064 min Scan# 966
Delta R.T. -0.012 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

Tgt Ion: 107 Resp: 69960
Ion Ratio Lower Upper
107 100
108 79.7 66.8 106.8
77 33.2 12.4 52.4
79 23.6 8.1 48.1

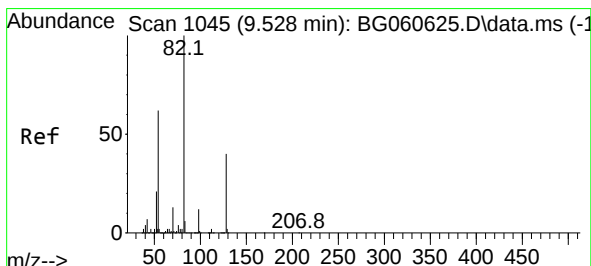
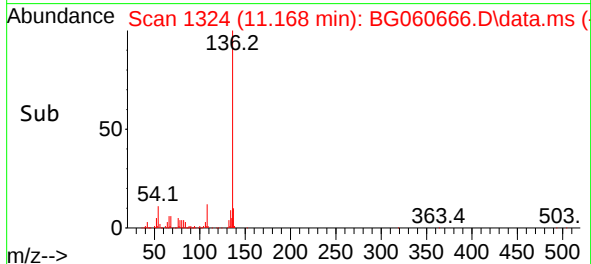
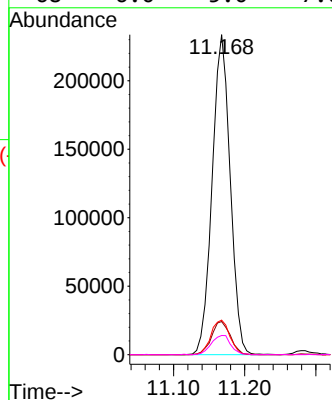
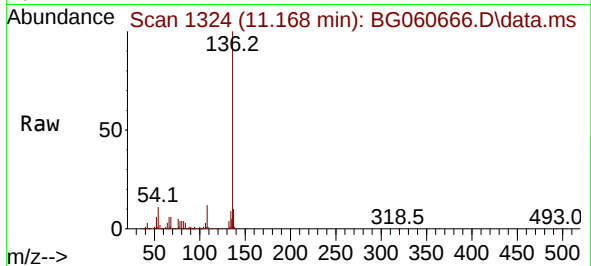




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

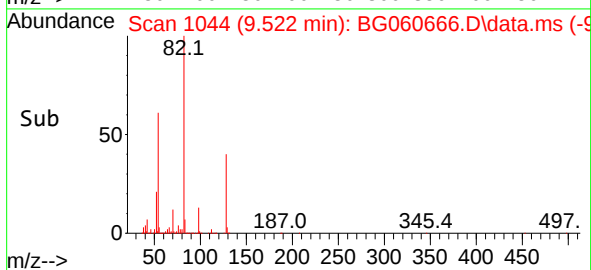
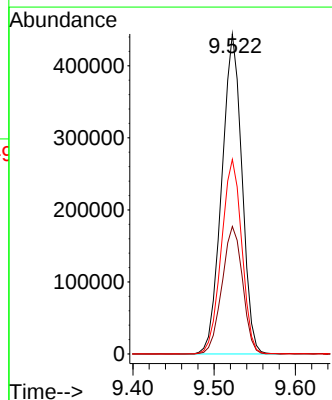
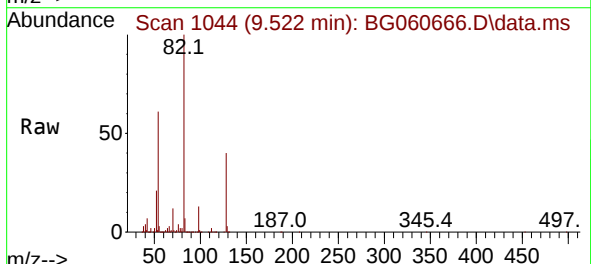
Instrument :
BNA_G
ClientSampleId :
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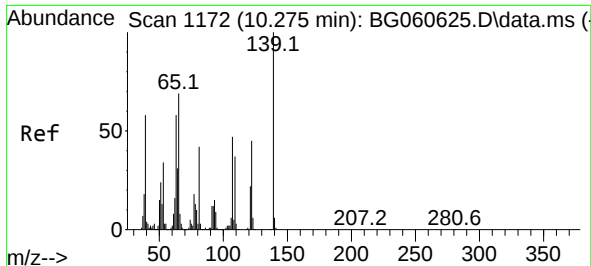
Tgt Ion:136 Resp: 411511
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 10.8 8.5 12.7
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 96.925 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

Tgt Ion: 82 Resp: 766388
Ion Ratio Lower Upper
82 100
128 39.9 31.6 47.4
54 60.8 49.3 73.9

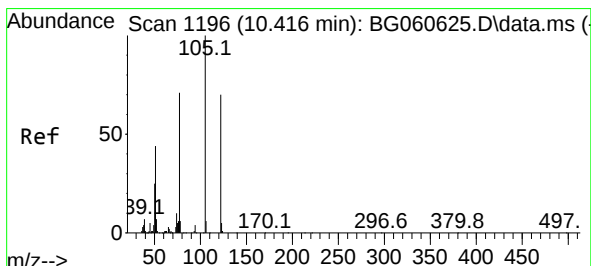
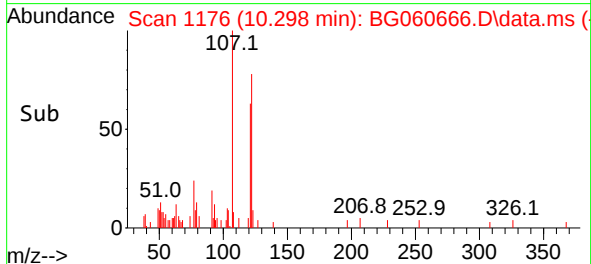
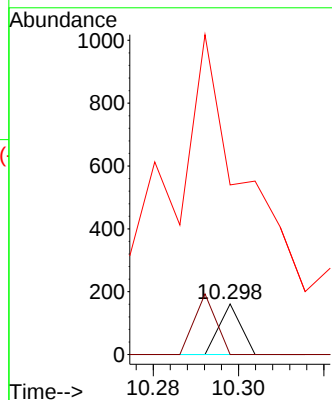
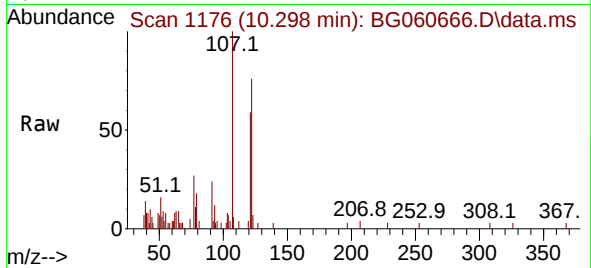




#26
2-Nitrophenol
Concen: 2.253 ng
RT: 10.298 min Scan# 1175
Delta R.T. 0.023 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

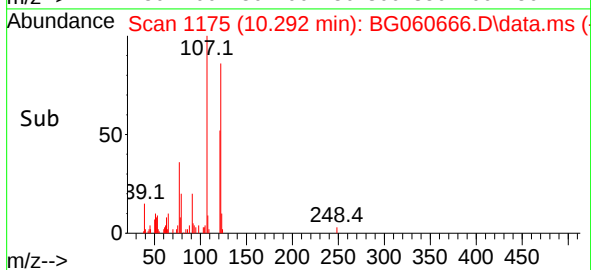
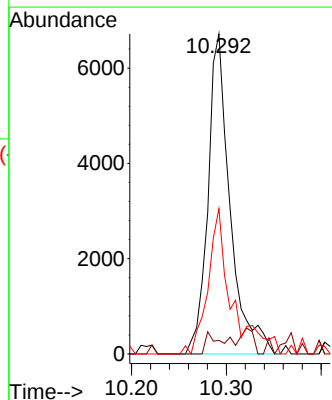
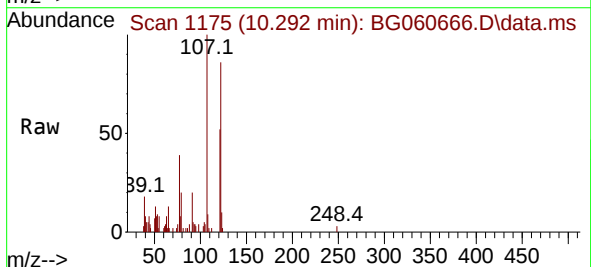
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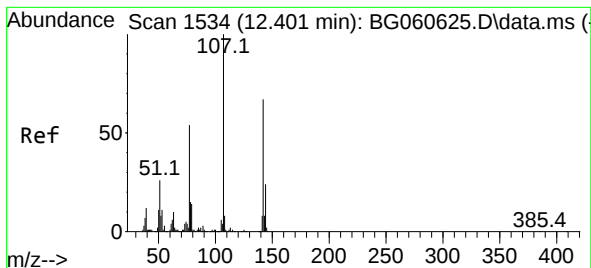
Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 335.4 55.0 82.4#



#32
Benzoic acid
Concen: 8.089 ng
RT: 10.292 min Scan# 1175
Delta R.T. -0.124 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

Tgt Ion:122 Resp: 10888
Ion Ratio Lower Upper
122 100
105 4.3 115.0 155.0#
77 45.4 79.0 119.0#

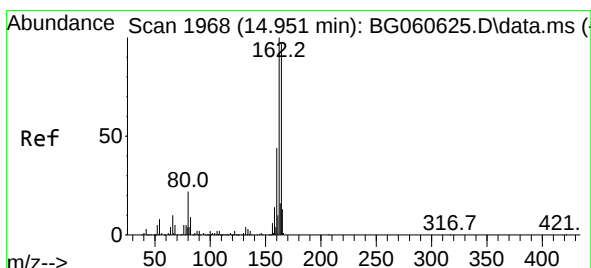
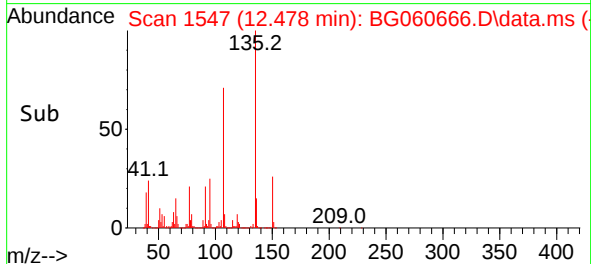
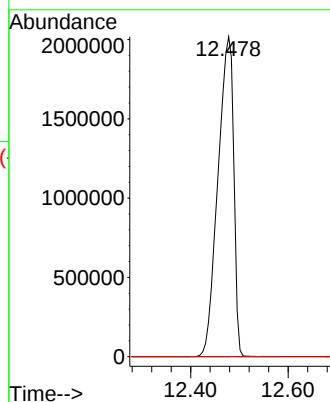
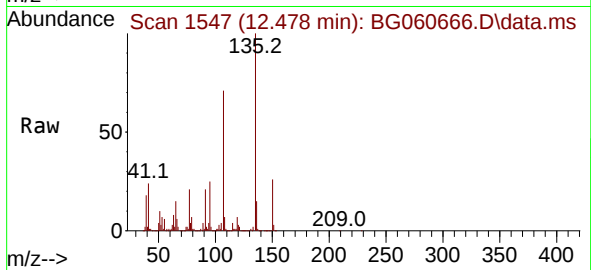




#36
4-Chloro-3-methylphenol
Concen: 589.422 ng
RT: 12.478 min Scan# 1
Delta R.T. 0.076 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

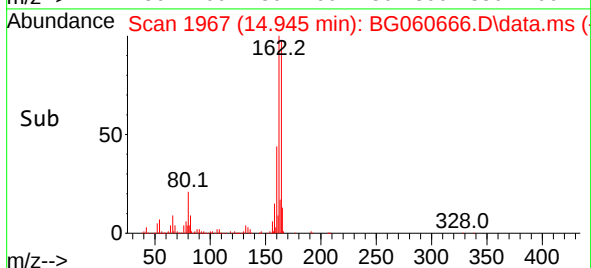
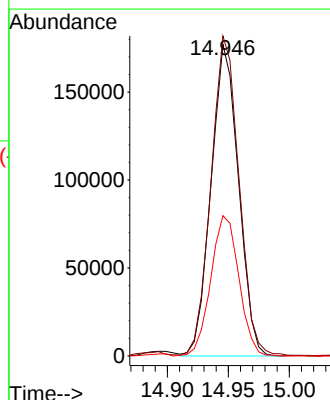
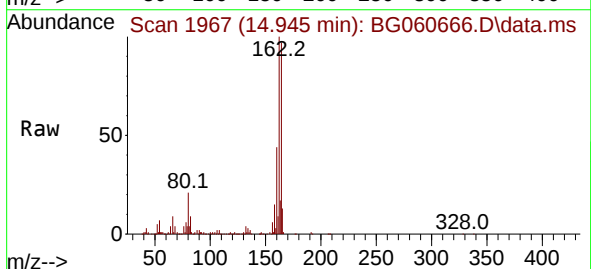
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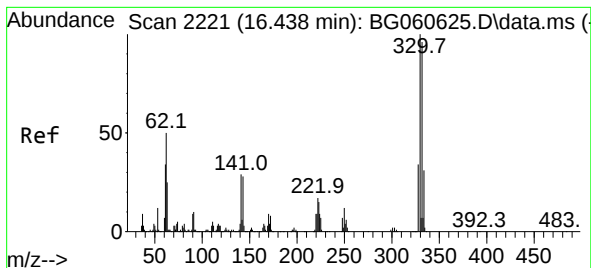
Tgt Ion:107 Resp: 4540986
Ion Ratio Lower Upper
107 100
144 0.0 19.0 28.6#
142 0.0 53.7 80.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

Tgt Ion:164 Resp: 276984
Ion Ratio Lower Upper
164 100
162 102.7 82.5 123.7
160 45.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 155.789 ng

RT: 16.432 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060666.D

Acq: 15 Mar 2024 16:49

Instrument :

BNA_G

ClientSampleId :

MW-1

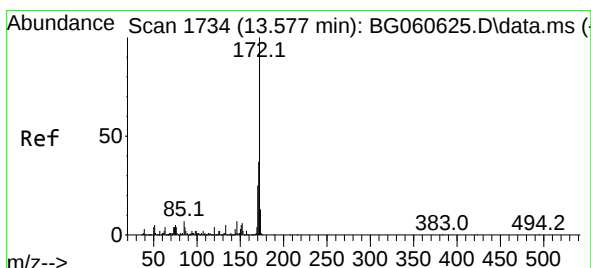
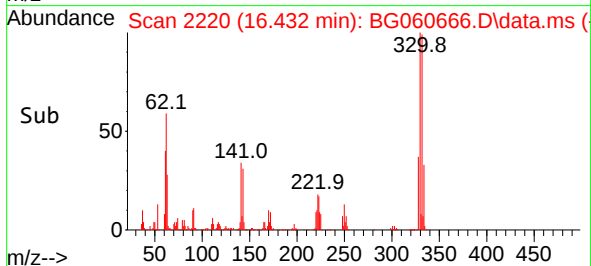
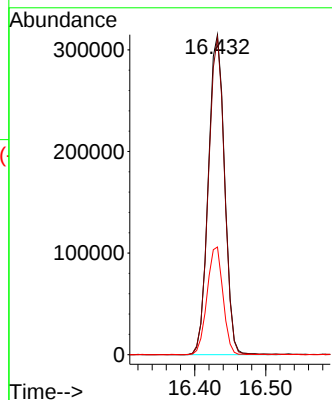
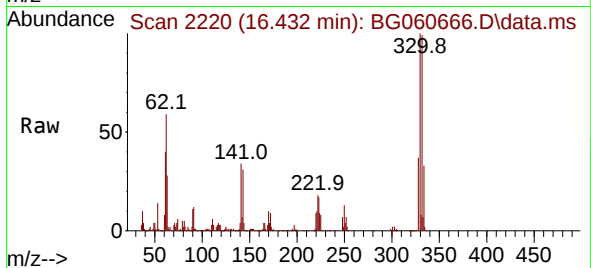
Tgt Ion:330 Resp: 500030

Ion Ratio Lower Upper

330 100

332 97.9 77.8 116.8

141 33.0 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 87.673 ng

RT: 13.576 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BG060666.D

Acq: 15 Mar 2024 16:49

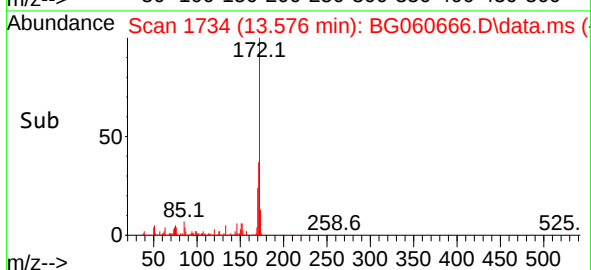
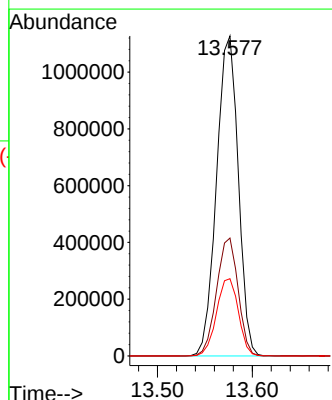
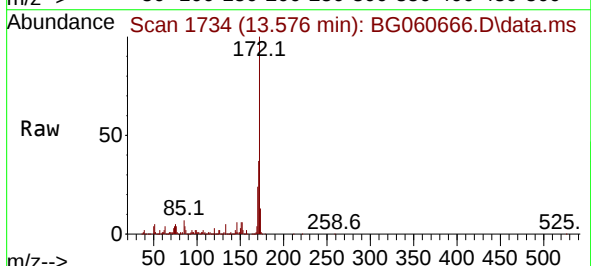
Tgt Ion:172 Resp: 1796096

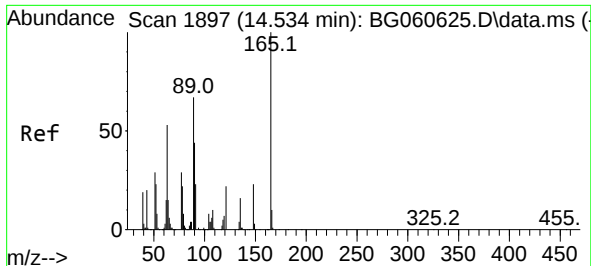
Ion Ratio Lower Upper

172 100

171 36.9 29.9 44.9

170 24.2 19.8 29.6





#51

2,6-Dinitrotoluene

Concen: 9.887 ng

RT: 14.945 min Scan# 1

Delta R.T. 0.411 min

Lab File: BG060666.D

Acq: 15 Mar 2024 16:49

Instrument :

BNA_G

ClientSampleId :

MW-1

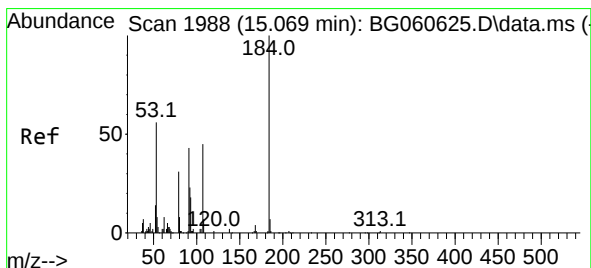
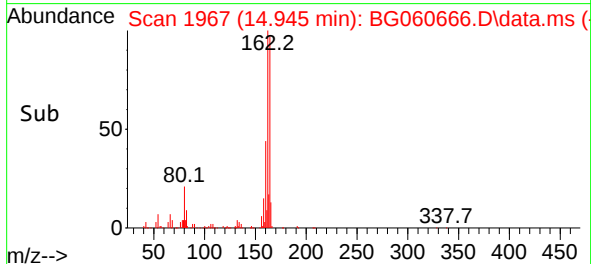
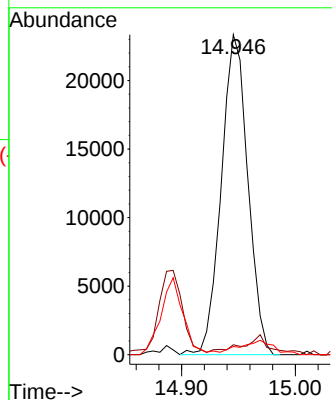
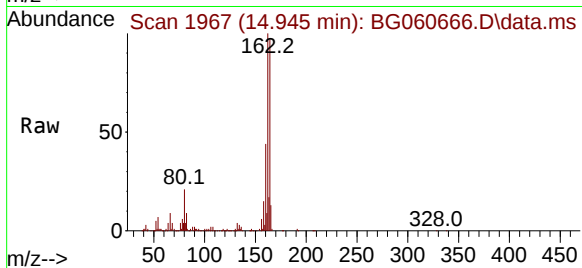
Tgt Ion:165 Resp: 37844

Ion Ratio Lower Upper

165 100

63 3.1 55.8 83.6#

89 2.5 54.1 81.1#



#54

2,4-Dinitrophenol

Concen: 6.869 ng

RT: 15.169 min Scan# 2005

Delta R.T. 0.100 min

Lab File: BG060666.D

Acq: 15 Mar 2024 16:49

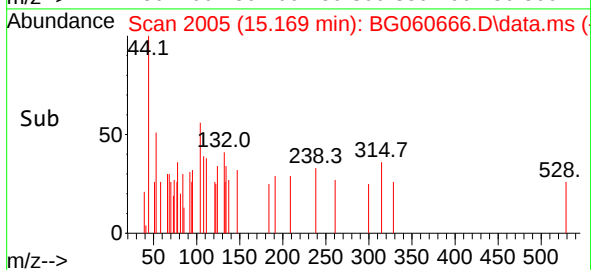
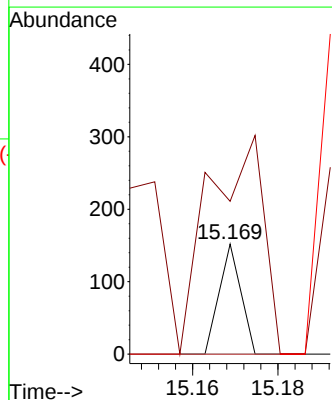
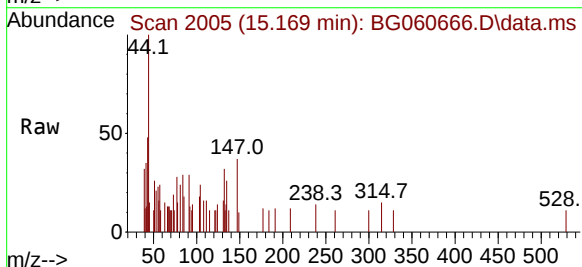
Tgt Ion:184 Resp: 54

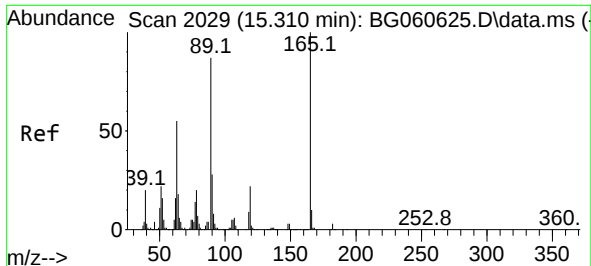
Ion Ratio Lower Upper

184 100

63 138.8 54.4 81.6#

154 0.0 50.4 75.6#

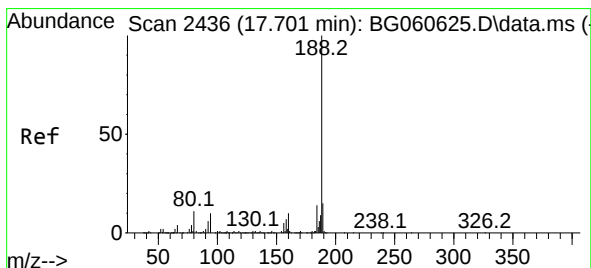
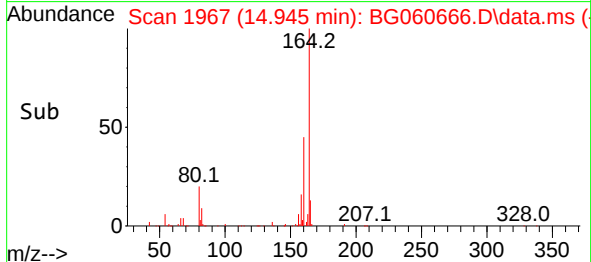
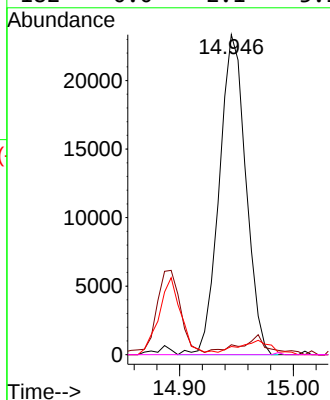
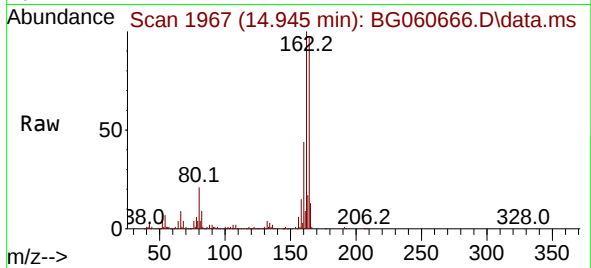




#57
2,4-Dinitrotoluene
Concen: 7.859 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.364 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

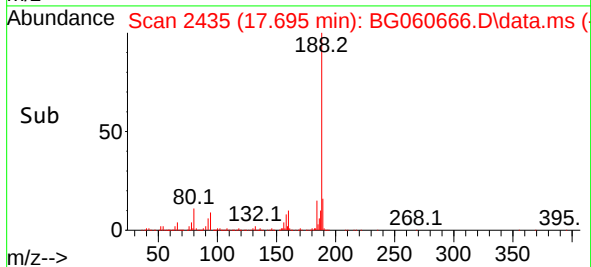
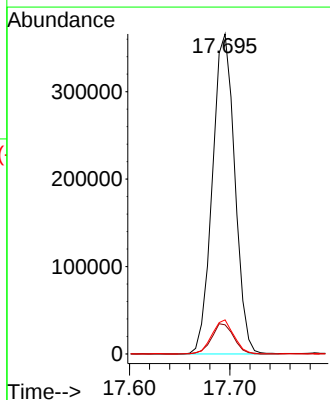
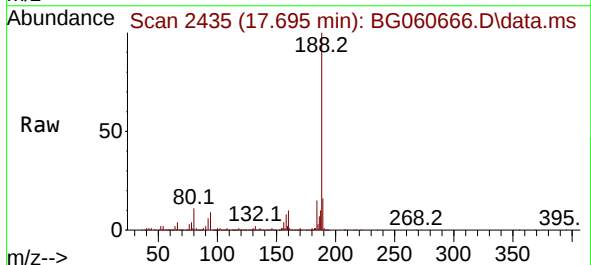
Instrument :
BNA_G
ClientSampleId :
MW-1

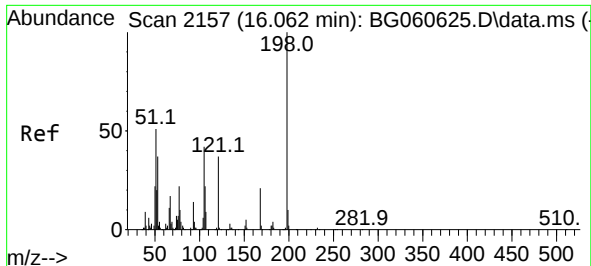
Tgt Ion:165 Resp: 37844
Ion Ratio Lower Upper
165 100
63 3.1 44.1 66.1#
89 2.5 69.7 104.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

Tgt Ion:188 Resp: 567162
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.7 8.6 13.0

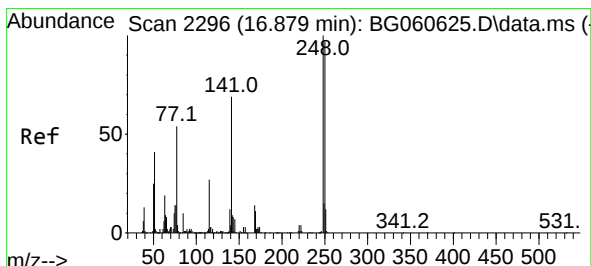
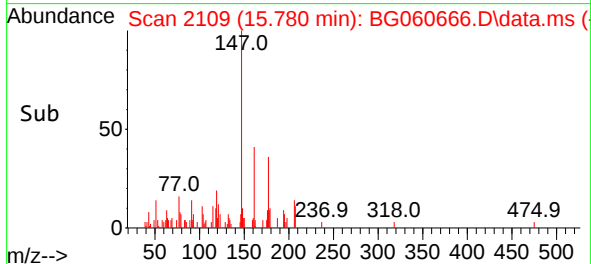
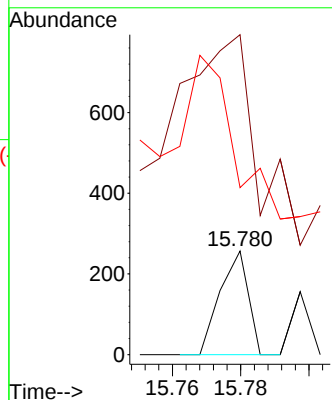
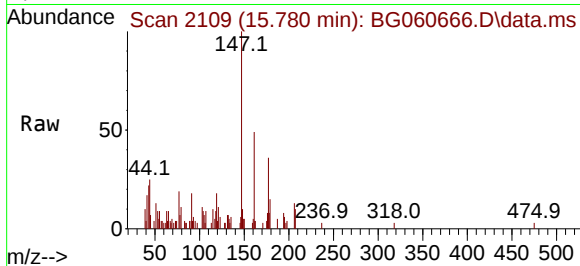




#65
4,6-Dinitro-2-methylphenol
Concen: 4.866 ng
RT: 15.780 min Scan# 2157
Delta R.T. -0.282 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

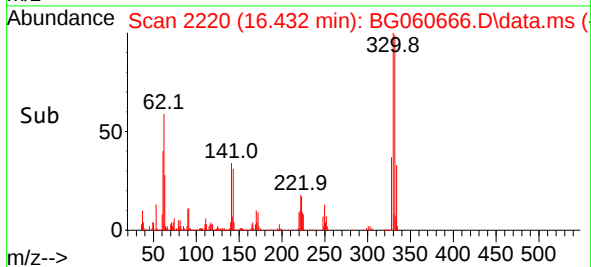
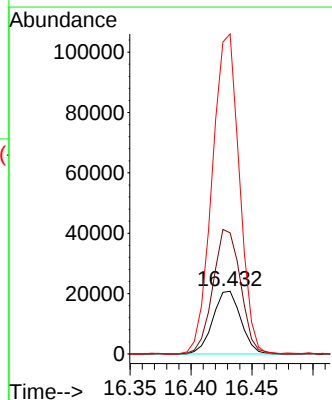
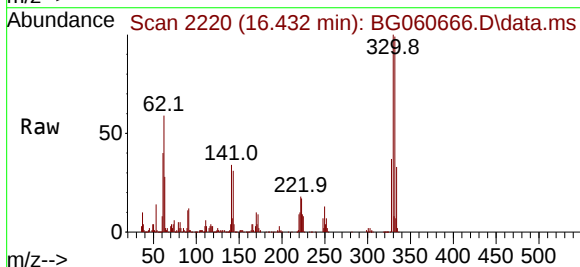
Instrument :
BNA_G
ClientSampleId :
MW-1

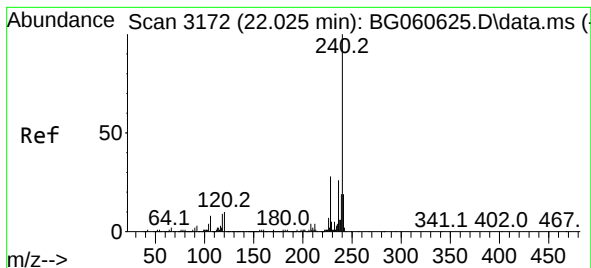
Tgt Ion	Ratio	Lower	Upper
198	100		
51	308.6	36.9	76.9#
105	161.1	22.4	62.4#



#67
4-Bromophenyl-phenylether
Concen: 5.411 ng
RT: 16.432 min Scan# 2220
Delta R.T. -0.447 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

Tgt Ion	Ratio	Lower	Upper
248	100		
250	193.1	77.8	116.6#
141	510.2	55.1	82.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.008 min Scan# 3172

Delta R.T. -0.018 min

Lab File: BG060666.D

Acq: 15 Mar 2024 16:49

Instrument :

BNA_G

ClientSampleId :

MW-1

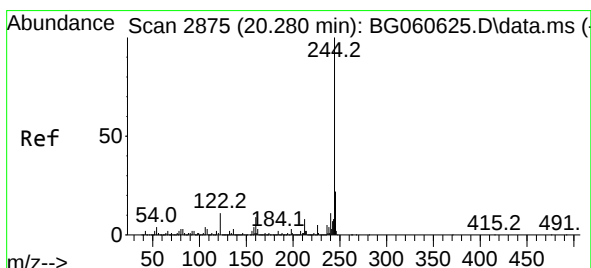
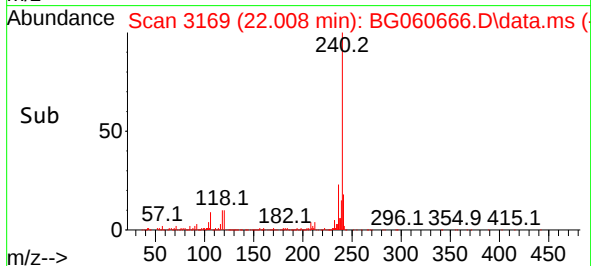
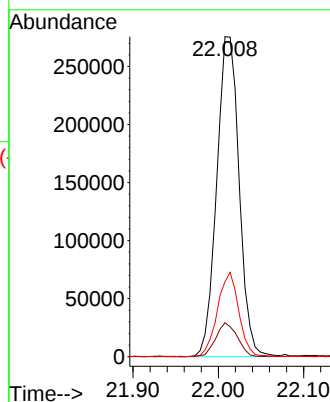
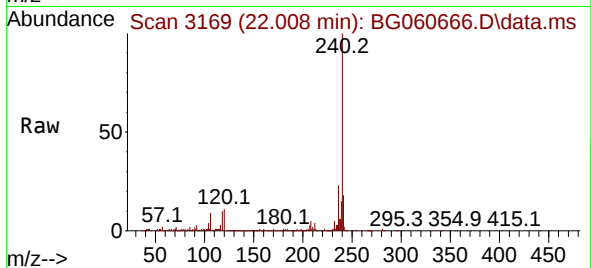
Tgt Ion:240 Resp: 504480

Ion Ratio Lower Upper

240 100

120 10.6 7.8 11.8

236 23.4 20.6 31.0



#79

Terphenyl-d14

Concen: 90.229 ng

RT: 20.275 min Scan# 2874

Delta R.T. -0.006 min

Lab File: BG060666.D

Acq: 15 Mar 2024 16:49

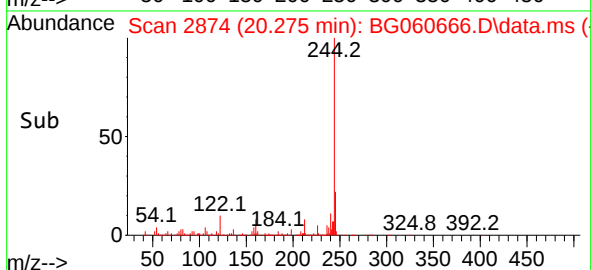
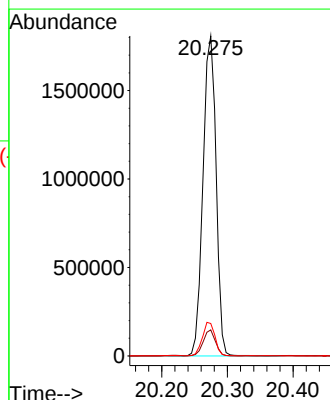
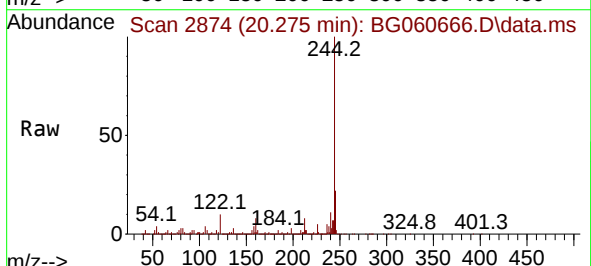
Tgt Ion:244 Resp: 2518265

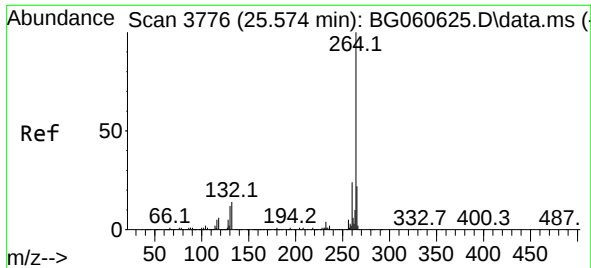
Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

122 10.1 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.568 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG060666.D
 Acq: 15 Mar 2024 16:49

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Tgt Ion:264 Resp: 586261
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 21.2 18.1 27.1

