

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060641.D
 Acq On : 14 Mar 2024 16:33
 Operator : MA/JU
 Sample : P1733-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Mar 14 18:10:40 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)

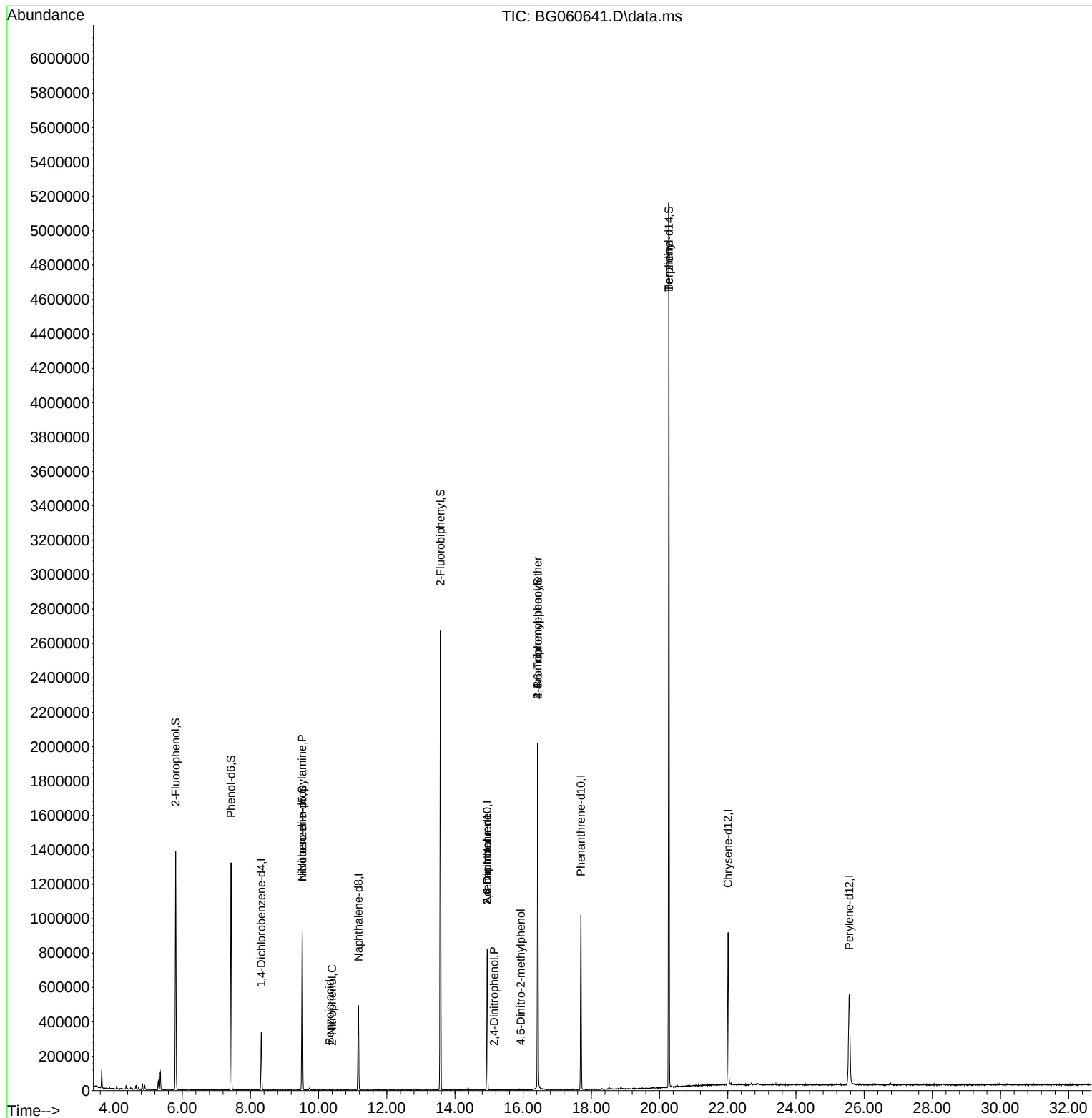
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.320	152	92271	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	416736	20.000	ng	0.00
39) Acenaphthene-d10	14.948	164	291438	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	647938	20.000	ng	0.00
76) Chrysene-d12	22.010	240	561384	20.000	ng	-0.02
86) Perylene-d12	25.565	264	635565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	559248	95.277	ng	0.00
7) Phenol-d6	7.433	99	738297	86.709	ng	0.00
23) Nitrobenzene-d5	9.519	82	559997	69.935	ng	0.00
42) 2,4,6-Tribromophenol	16.428	330	374215	110.807	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	1389585	64.466	ng	0.00
79) Terphenyl-d14	20.271	244	2507509	80.737	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.519	70	68456	11.599	ng	# 77
26) 2-Nitrophenol	10.394	139	54	2.252	ng	# 23
32) Benzoic acid	10.330	122	826	6.176	ng	# 51
51) 2,6-Dinitrotoluene	14.948	165	37730	9.368	ng	# 17
54) 2,4-Dinitrophenol	15.148	184	67	6.874	ng	# 17
57) 2,4-Dinitrotoluene	14.948	165	37730	7.447	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.929	198	56	4.832	ng	# 1
67) 4-Bromophenyl-phenylether	16.428	248	24559	3.515	ng	# 1
77) Benzidine	20.271	184	40724	2.966	ng	# 91

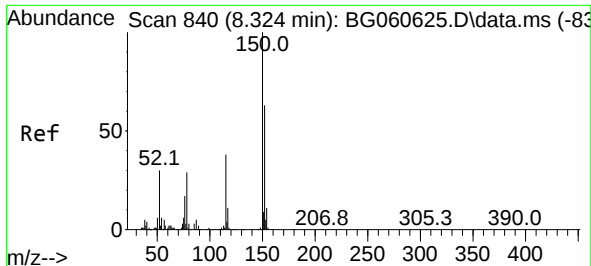
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
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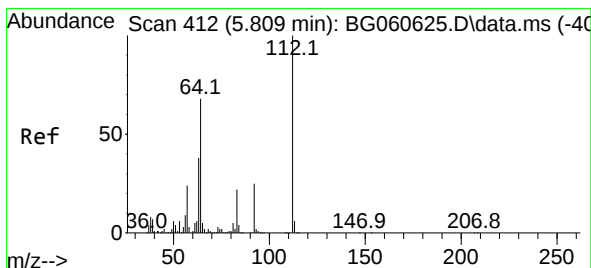
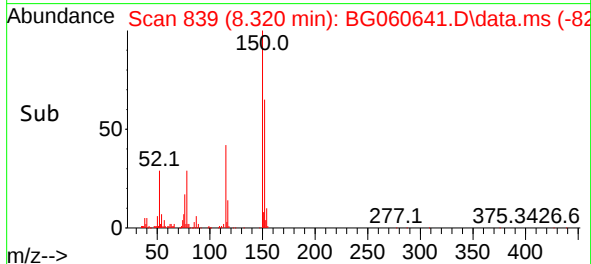
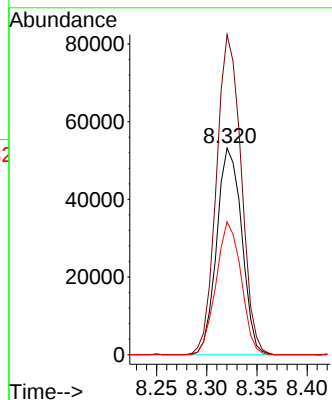
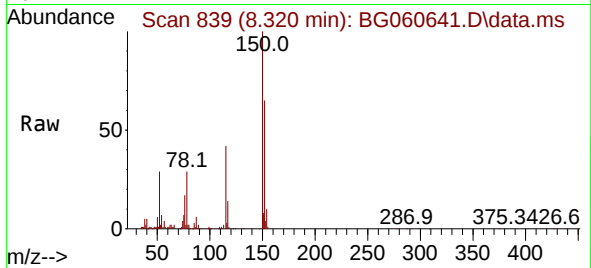




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.320 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

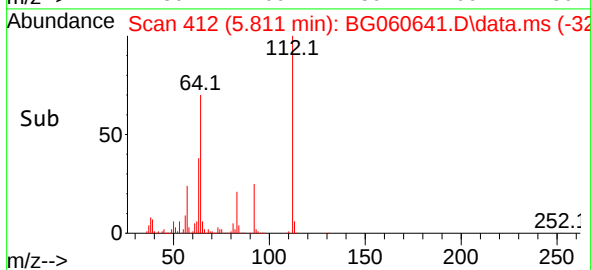
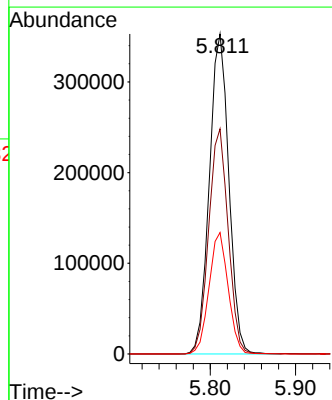
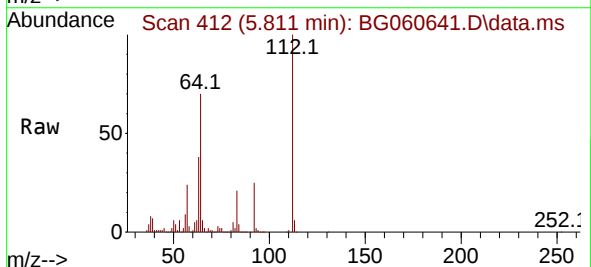
Instrument :
BNA_G
ClientSampleId :
WC-3

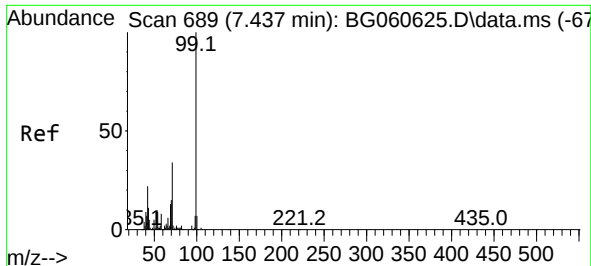
Tgt Ion:152 Resp: 92271
Ion Ratio Lower Upper
152 100
150 154.9 126.6 190.0
115 64.3 47.8 71.8



#5
2-Fluorophenol
Concen: 95.277 ng
RT: 5.811 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

Tgt Ion:112 Resp: 559248
Ion Ratio Lower Upper
112 100
64 70.3 54.1 81.1
63 38.0 30.3 45.5

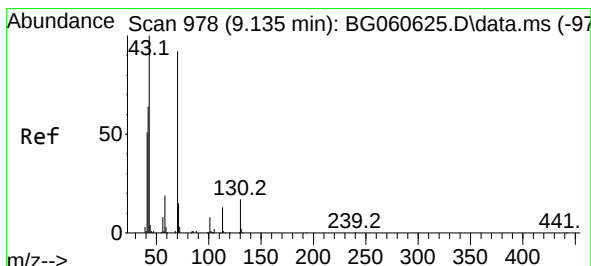
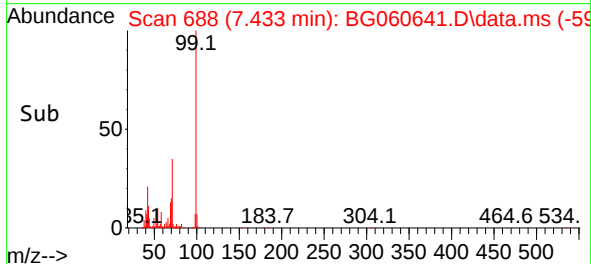
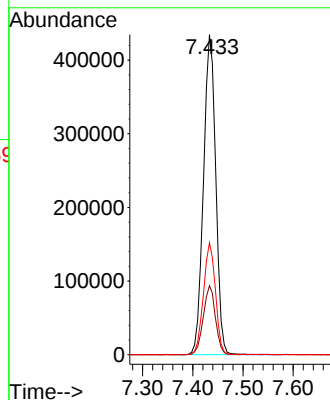
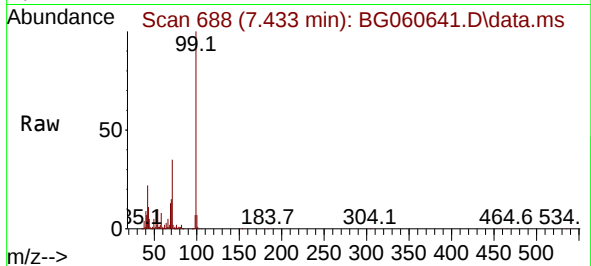




#7
Phenol-d6
Concen: 86.709 ng
RT: 7.433 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

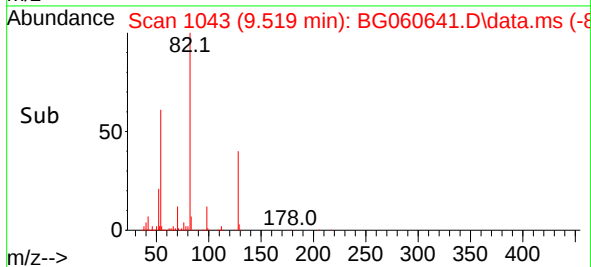
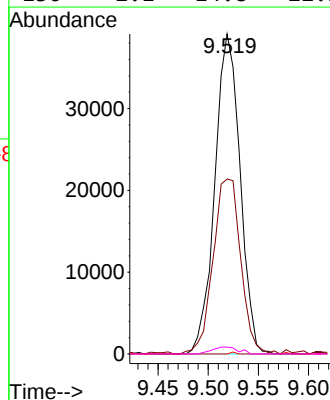
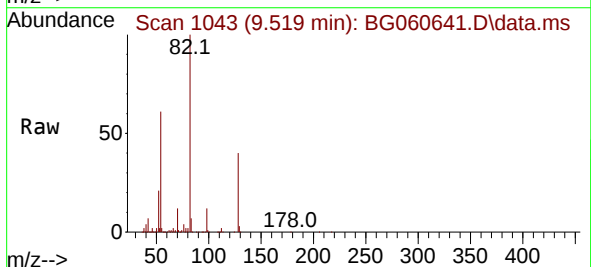
Instrument :
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ClientSampleId :
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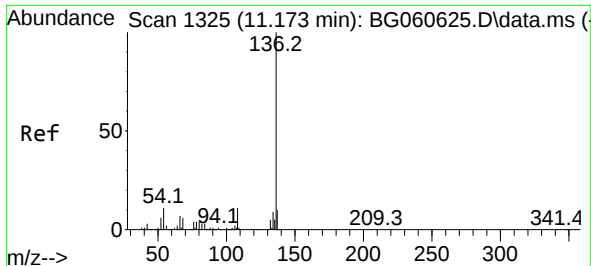
Tgt Ion: 99 Resp: 738297
Ion Ratio Lower Upper
99 100
42 21.5 17.5 26.3
71 35.0 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.599 ng
RT: 9.519 min Scan# 1043
Delta R.T. 0.384 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

Tgt Ion: 70 Resp: 68456
Ion Ratio Lower Upper
70 100
42 54.7 56.2 84.2#
101 0.0 7.4 11.0#
130 2.1 14.8 22.2#

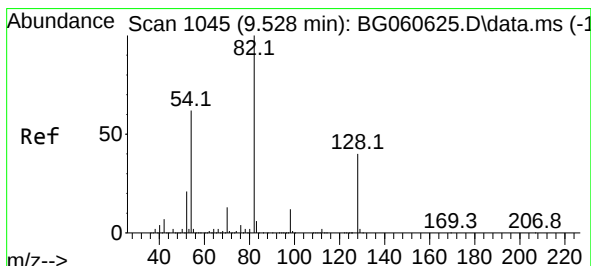
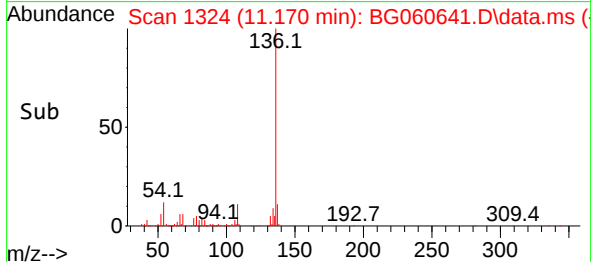
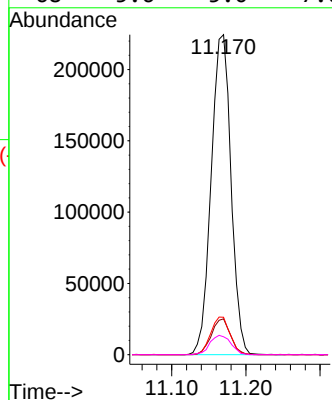
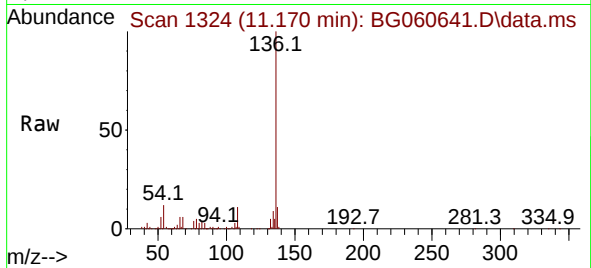




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

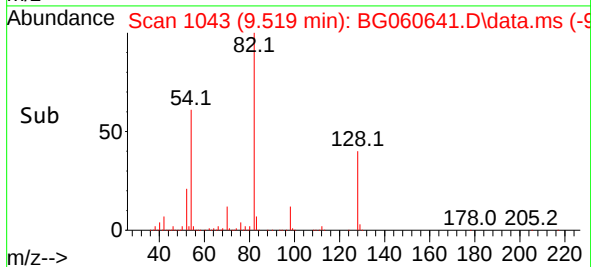
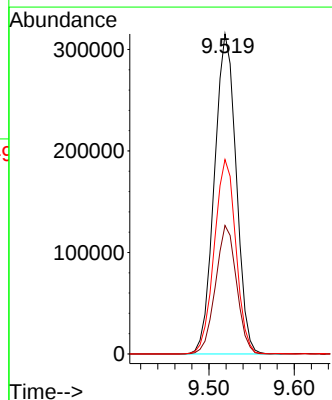
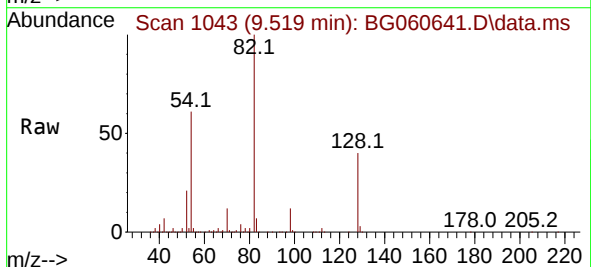
Instrument :
BNA_G
ClientSampleId :
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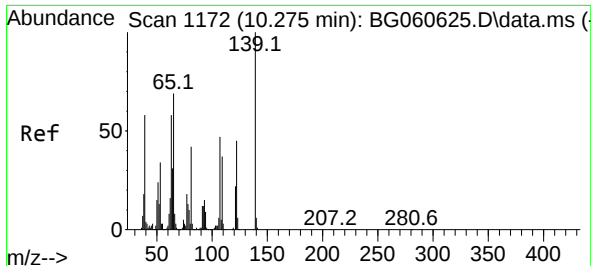
Tgt Ion:	136	Resp:	416736
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	11.7	8.5	12.7
68	5.6	5.0	7.6



#23
Nitrobenzene-d5
Concen: 69.935 ng
RT: 9.519 min Scan# 1043
Delta R.T. -0.010 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

Tgt Ion:	82	Resp:	559997
Ion Ratio	Lower	Upper	
82	100		
128	40.2	31.6	47.4
54	60.7	49.3	73.9

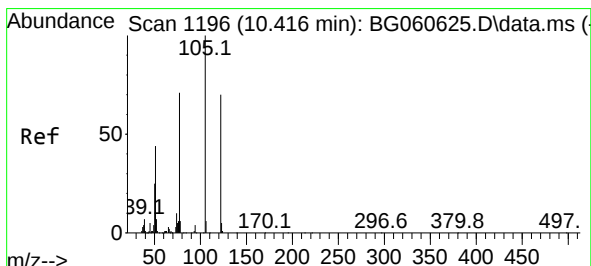
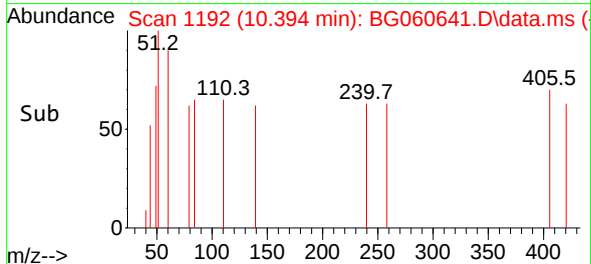
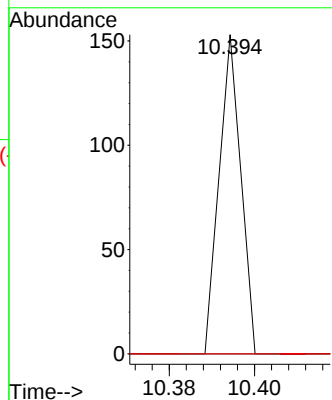
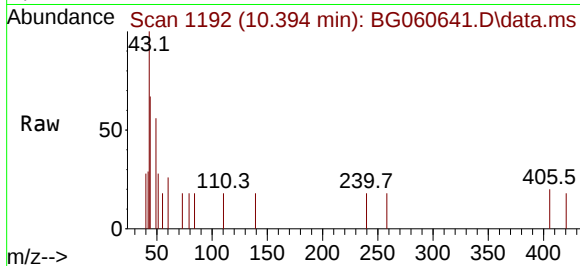




#26
2-Nitrophenol
Concen: 2.252 ng
RT: 10.394 min Scan# 1172
Delta R.T. 0.119 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

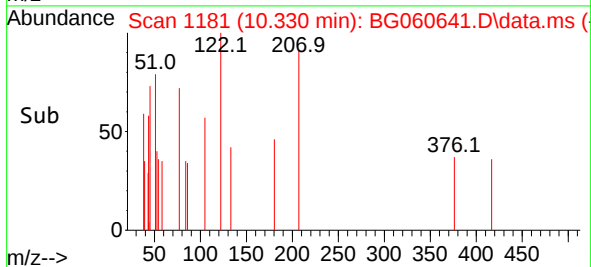
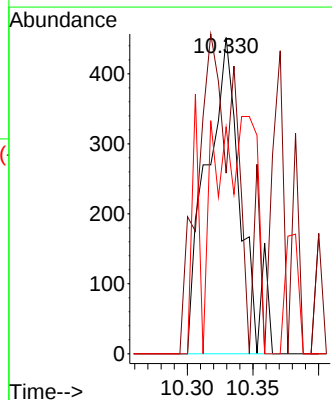
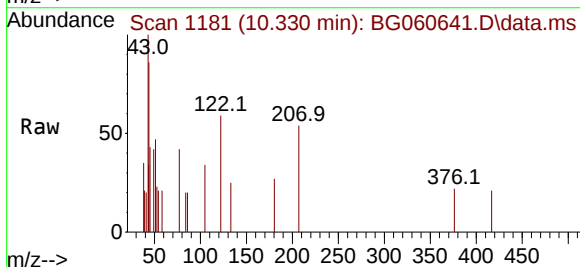
Instrument :
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ClientSampleId :
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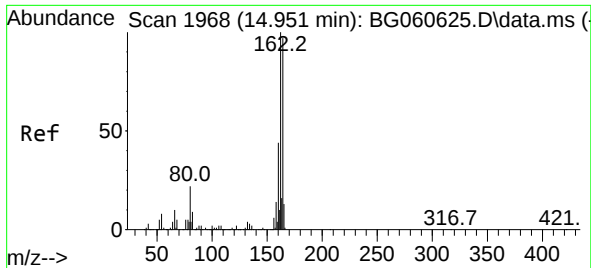
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.176 ng
RT: 10.330 min Scan# 1181
Delta R.T. -0.086 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

Tgt Ion:122 Resp: 826
Ion Ratio Lower Upper
122 100
105 57.1 115.0 155.0#
77 71.7 79.0 119.0#

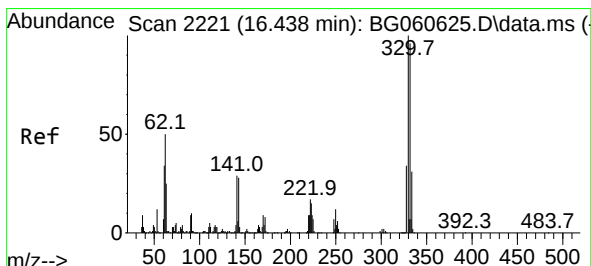
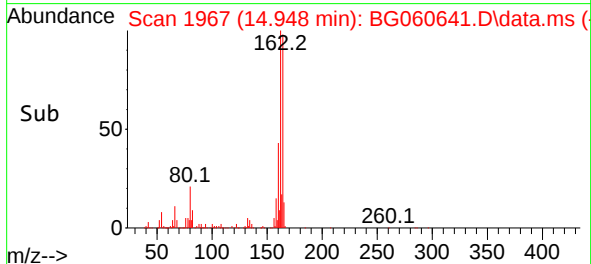
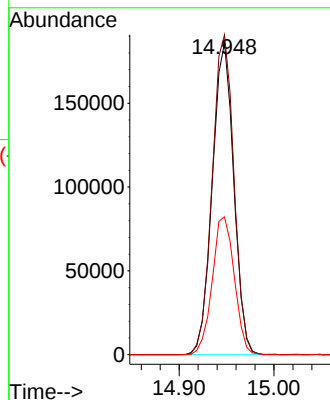
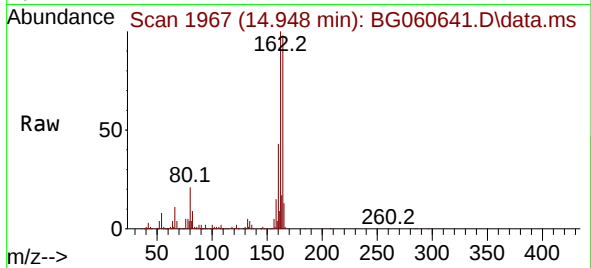




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.948 min Scan# 1967
Delta R.T. -0.004 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

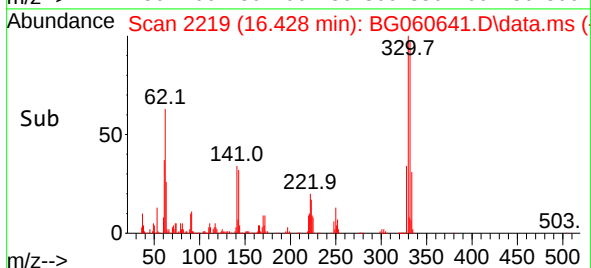
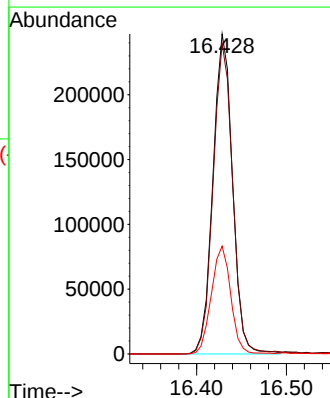
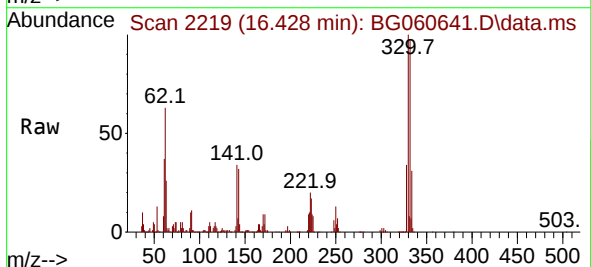
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ClientSampleId :
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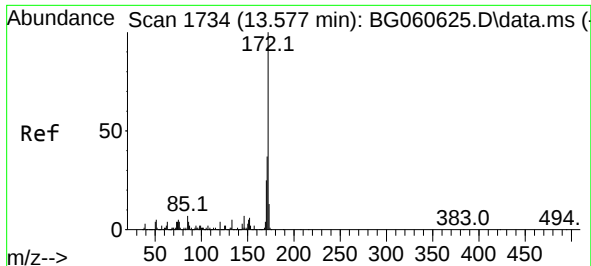
Tgt Ion:164 Resp: 291438
Ion Ratio Lower Upper
164 100
162 102.5 82.5 123.7
160 44.2 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 110.807 ng
RT: 16.428 min Scan# 2219
Delta R.T. -0.010 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

Tgt Ion:330 Resp: 374215
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 33.4 25.4 38.2

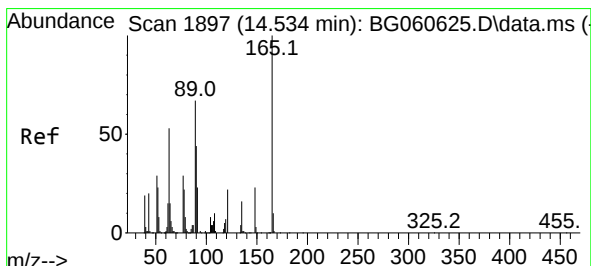
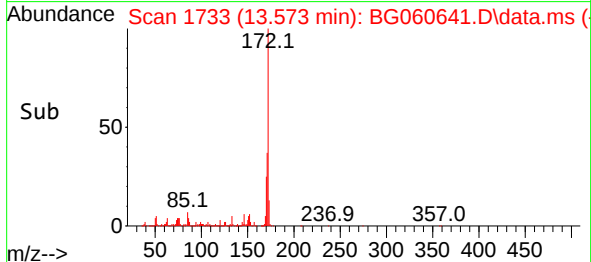
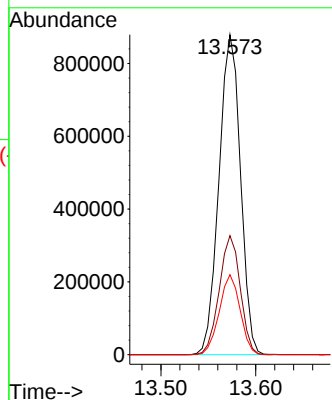
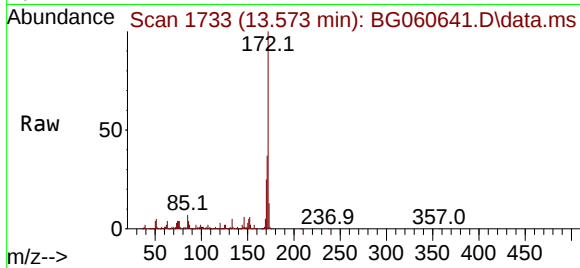




#45
2-Fluorobiphenyl
Concen: 64.466 ng
RT: 13.573 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

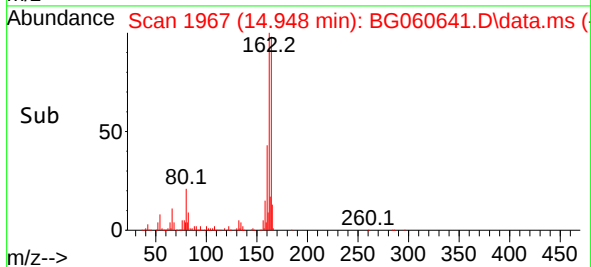
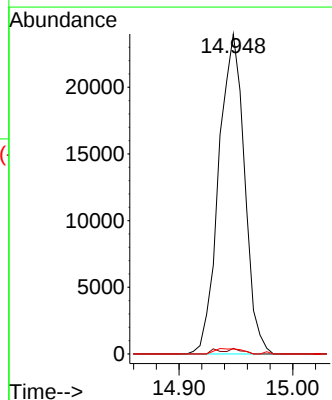
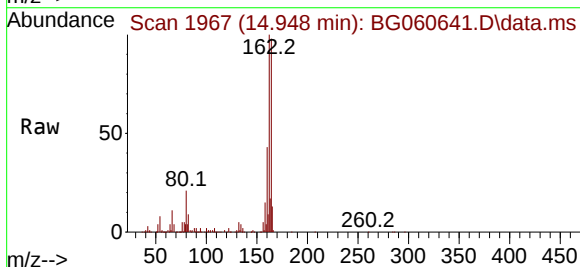
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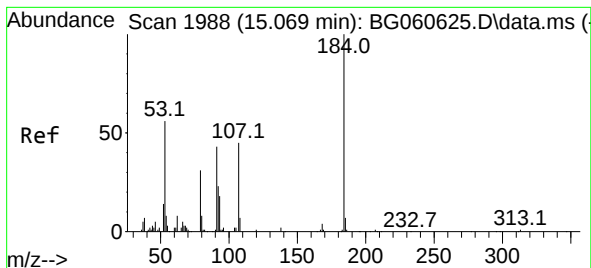
Tgt Ion:172 Resp: 1389585
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 25.0 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.368 ng
RT: 14.948 min Scan# 1967
Delta R.T. 0.414 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

Tgt Ion:165 Resp: 37730
Ion Ratio Lower Upper
165 100
63 1.7 55.8 83.6#
89 1.5 54.1 81.1#

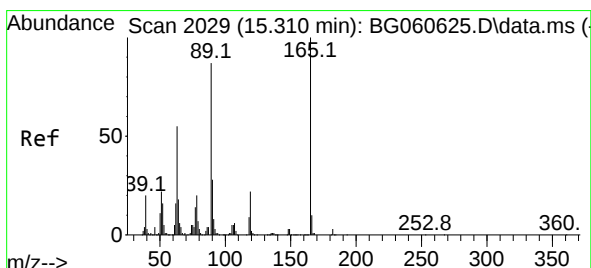
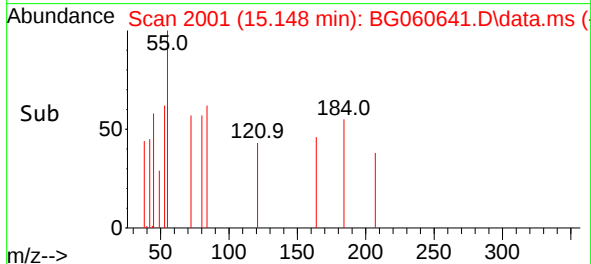
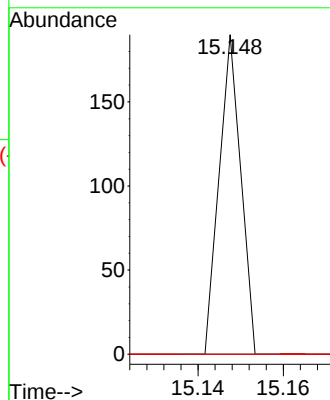
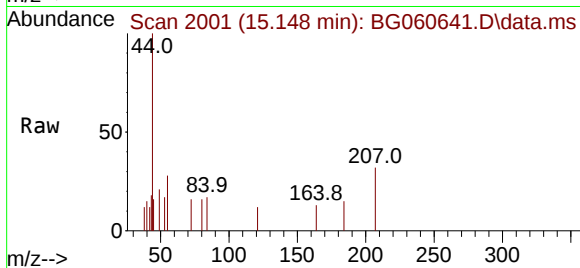




#54
2,4-Dinitrophenol
Concen: 6.874 ng
RT: 15.148 min Scan# 20
Delta R.T. 0.079 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

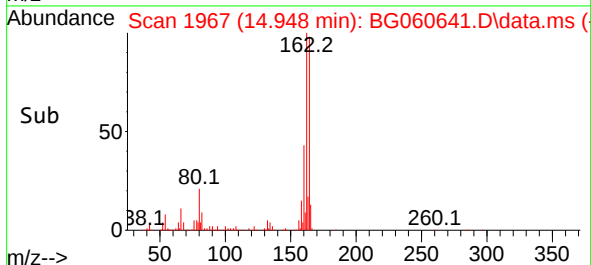
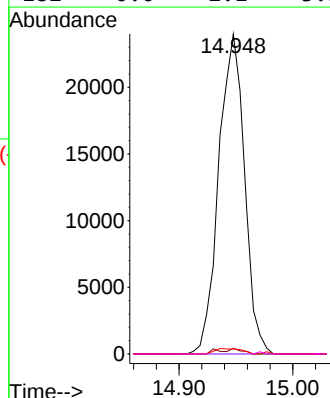
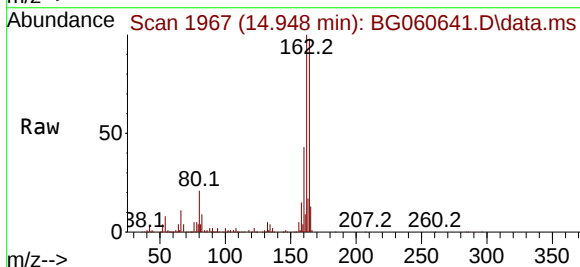
Instrument :
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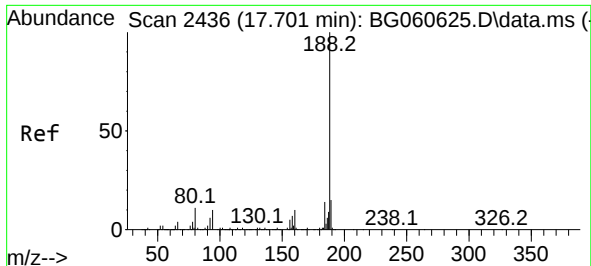
Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.447 ng
RT: 14.948 min Scan# 1967
Delta R.T. -0.362 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

Tgt Ion:165 Resp: 37730
Ion Ratio Lower Upper
165 100
63 1.7 44.1 66.1#
89 1.5 69.7 104.5#
182 0.0 2.1 3.1#

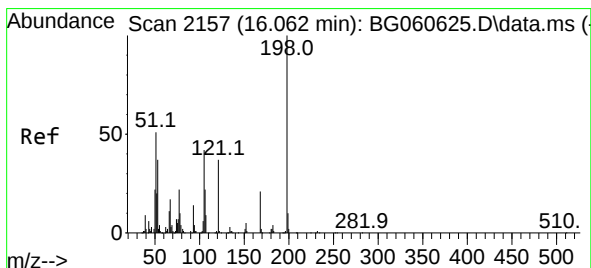
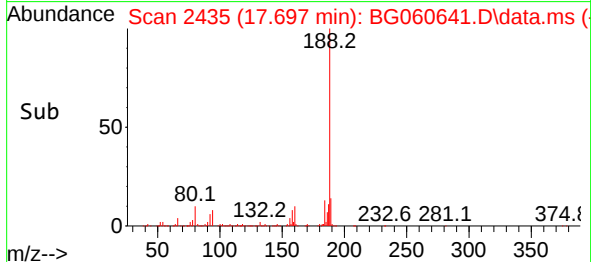
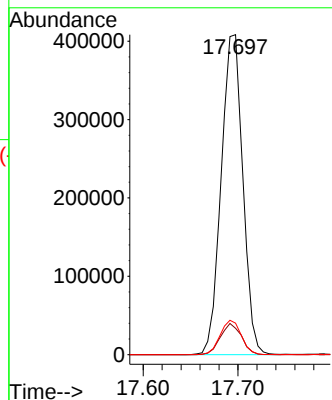
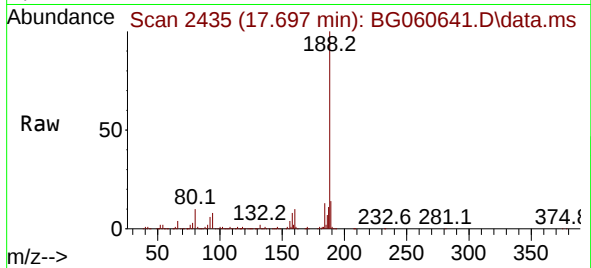




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 2436
Delta R.T. -0.004 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

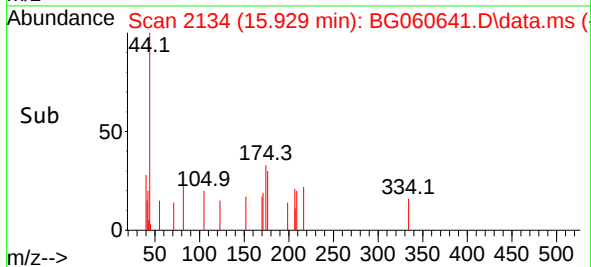
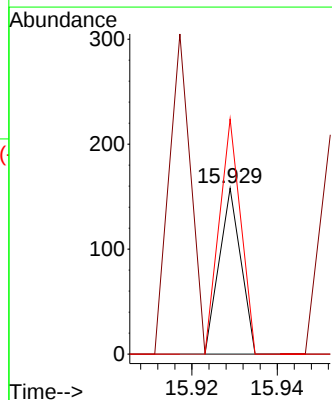
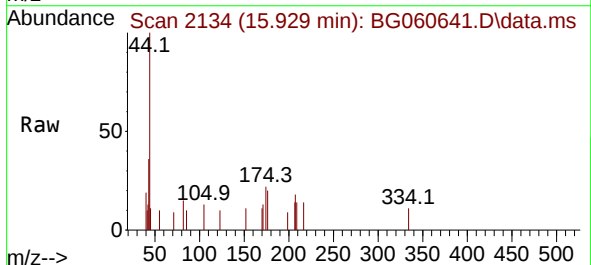
Instrument :
BNA_G
ClientSampleId :
WC-3

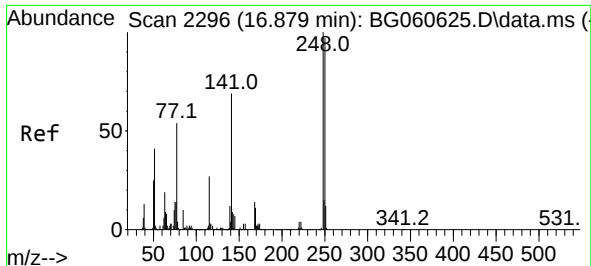
Tgt Ion:188 Resp: 647938
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 9.9 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.832 ng
RT: 15.929 min Scan# 2134
Delta R.T. -0.133 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

Tgt Ion:198 Resp: 56
Ion Ratio Lower Upper
198 100
51 0.0 36.9 76.9#
105 141.8 22.4 62.4#

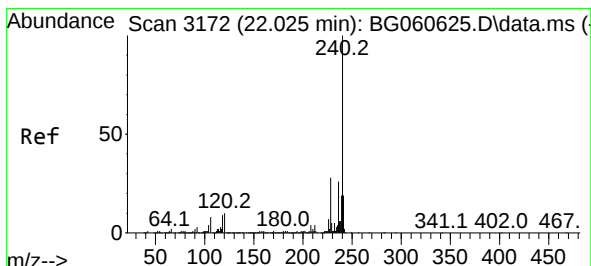
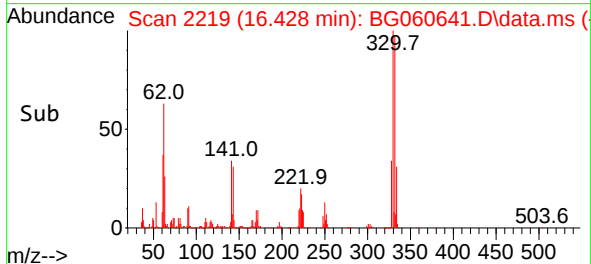
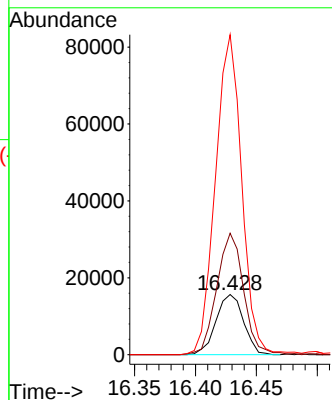
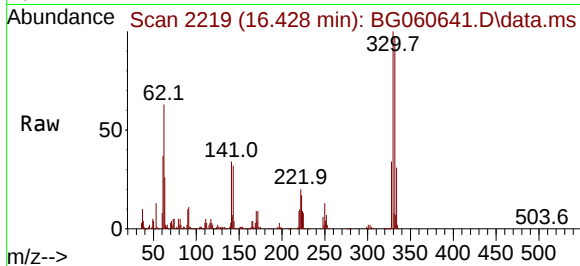




#67
4-Bromophenyl-phenylether
Concen: 3.515 ng
RT: 16.428 min Scan# 211
Delta R.T. -0.450 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

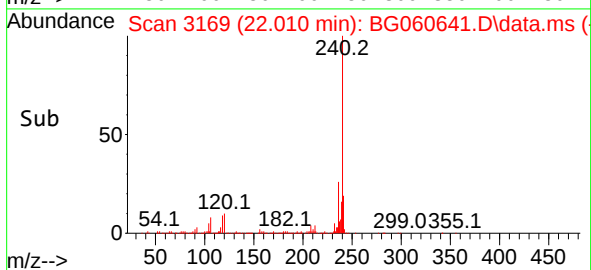
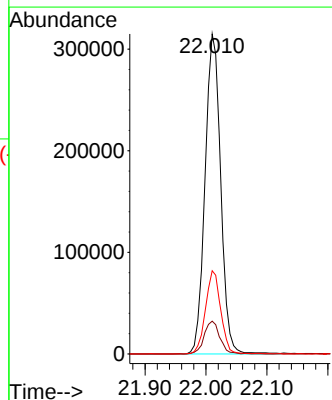
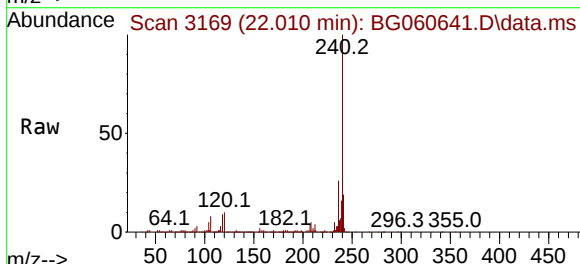
Instrument :
BNA_G
ClientSampleId :
WC-3

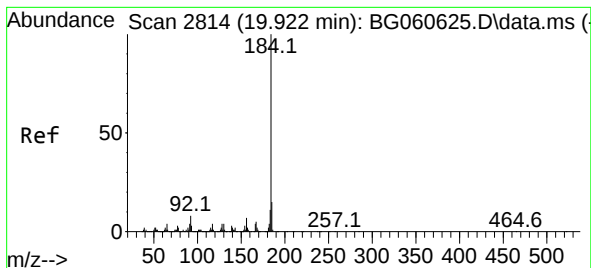
Tgt Ion	Ratio	Lower	Upper
248	100		
250	201.9	77.8	116.6#
141	532.0	55.1	82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.010 min Scan# 3169
Delta R.T. -0.015 min
Lab File: BG060641.D
Acq: 14 Mar 2024 16:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.8	11.8
236	26.0	20.6	31.0





#77

Benzidine

Concen: 2.966 ng

RT: 20.271 min Scan# 2873

Delta R.T. 0.349 min

Lab File: BG060641.D

Acq: 14 Mar 2024 16:33

Instrument :

BNA_G

ClientSampleId :

WC-3

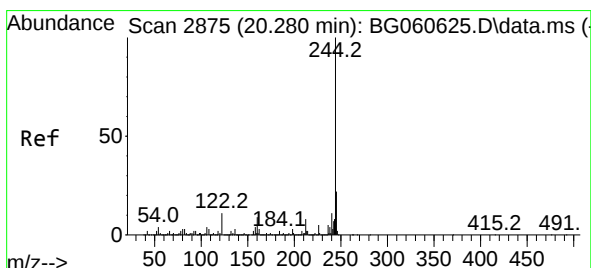
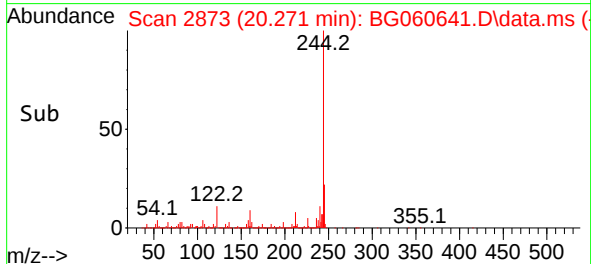
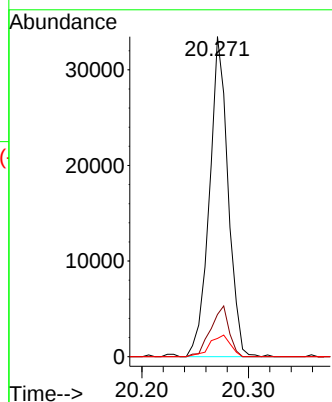
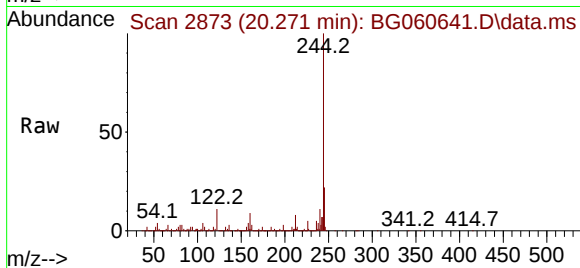
Tgt Ion:184 Resp: 40724

Ion Ratio Lower Upper

184 100

185 13.2 11.7 17.5

183 5.7 9.2 13.8#



#79

Terphenyl-d14

Concen: 80.737 ng

RT: 20.271 min Scan# 2873

Delta R.T. -0.010 min

Lab File: BG060641.D

Acq: 14 Mar 2024 16:33

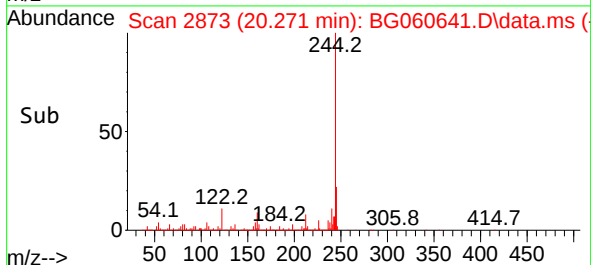
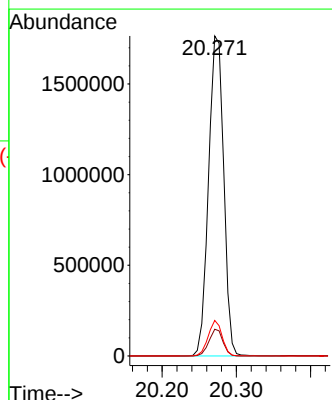
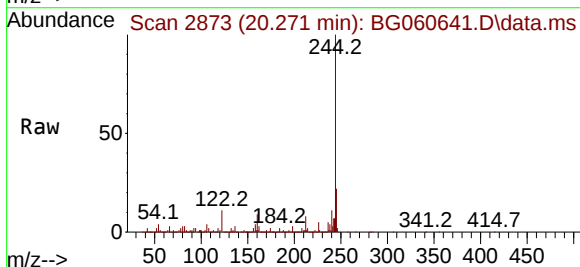
Tgt Ion:244 Resp: 2507509

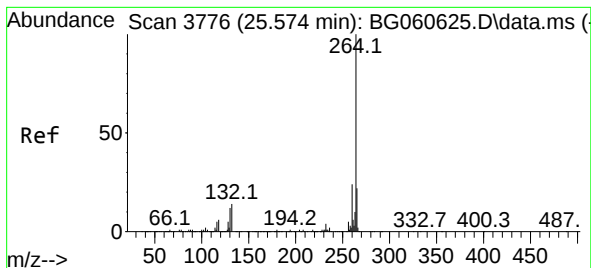
Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

122 11.1 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.565 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG060641.D

Acq: 14 Mar 2024 16:33

Instrument :

BNA_G

ClientSampleId :

WC-3

Tgt Ion:264 Resp: 635565

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.9 18.1 27.1

