

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060655.D
 Acq On : 15 Mar 2024 2:42
 Operator : MA/JU
 Sample : P1749-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20241095-35N-N-FIELD-BLANK-1

Quant Time: Mar 15 04:31:14 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)

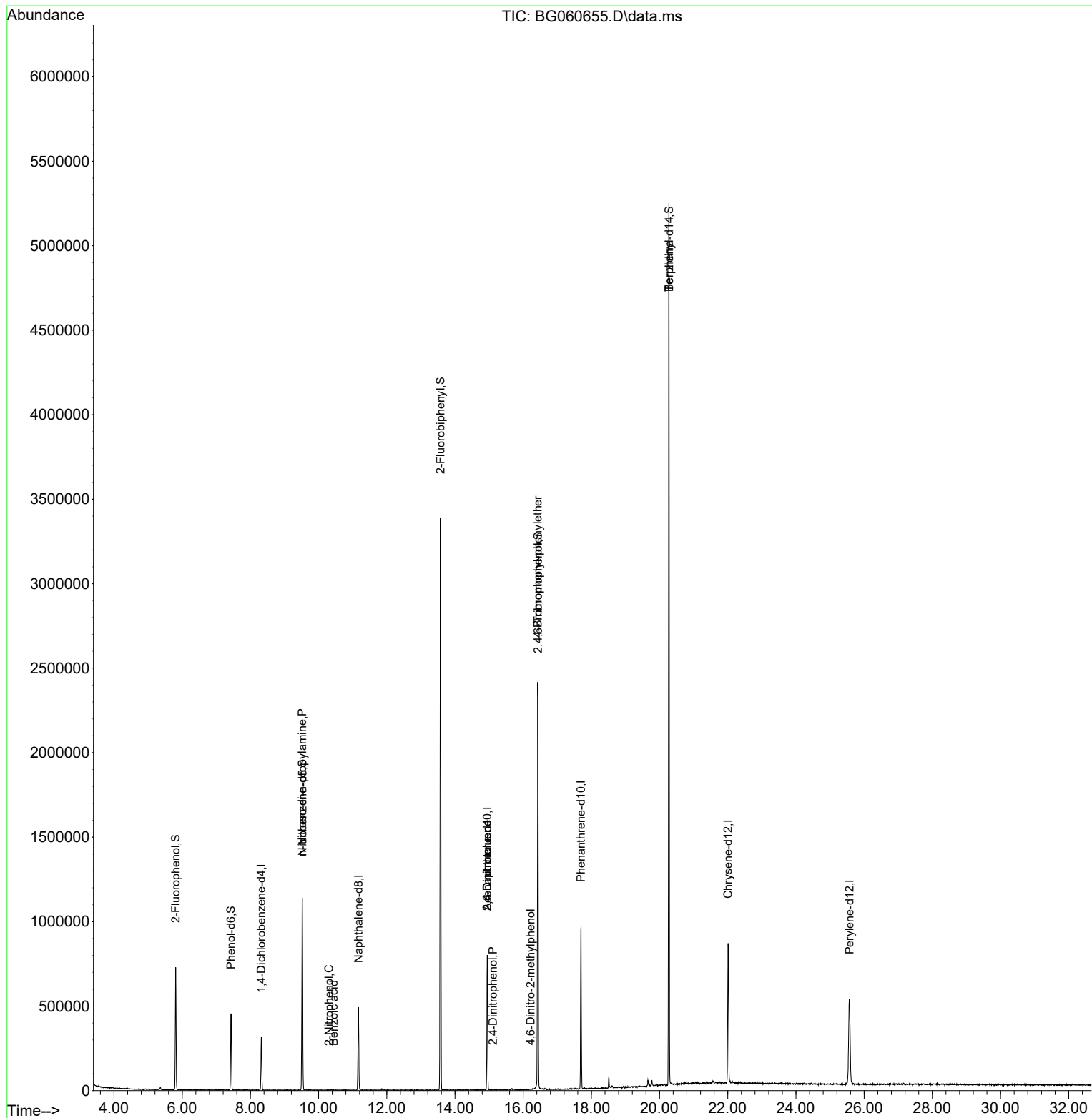
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.319	152	83483	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	400680	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	279612	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	595496	20.000	ng	0.00
76) Chrysene-d12	22.009	240	530980	20.000	ng	-0.02
86) Perylene-d12	25.570	264	610683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	300312	56.549	ng	0.00
7) Phenol-d6	7.432	99	259010	33.622	ng	0.00
23) Nitrobenzene-d5	9.524	82	674923	87.665	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	456995	141.042	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	1763337	85.265	ng	0.00
79) Terphenyl-d14	20.276	244	2547721	86.728	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.518	70	88295	16.535	ng	# 75
26) 2-Nitrophenol	10.299	139	56	2.253	ng	# 23
32) Benzoic acid	10.440	122	75	6.035	ng	# 1
51) 2,6-Dinitrotoluene	14.947	165	36484	9.442	ng	# 18
54) 2,4-Dinitrophenol	15.111	184	63	6.873	ng	# 17
57) 2,4-Dinitrotoluene	14.947	165	36484	7.506	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.216	198	73	4.839	ng	# 43
67) 4-Bromophenyl-phenylether	16.428	248	29436	4.584	ng	# 1
77) Benzidine	20.276	184	43028	3.313	ng	# 92

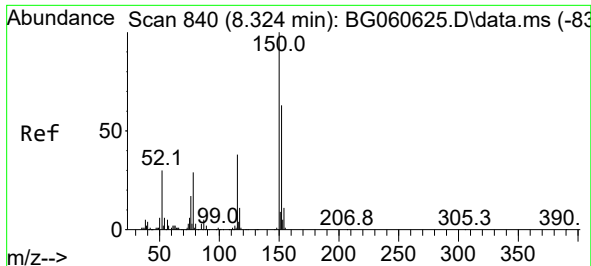
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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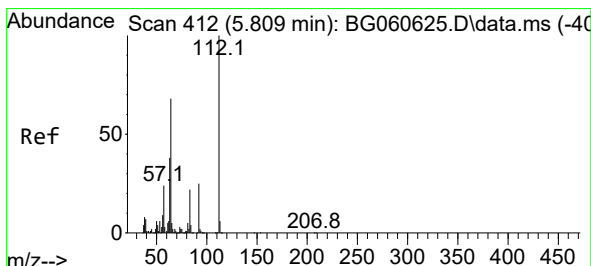
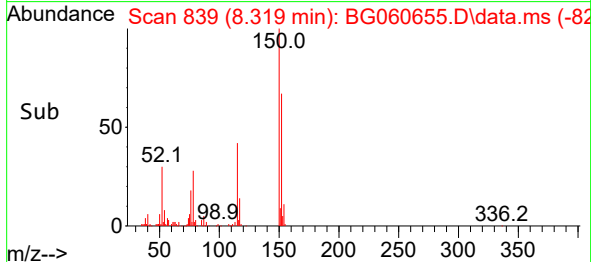
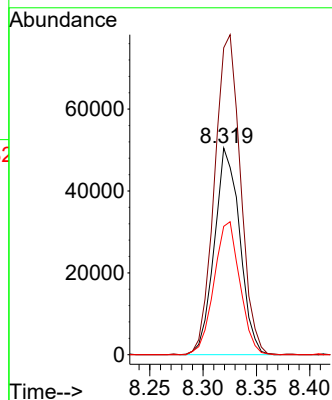
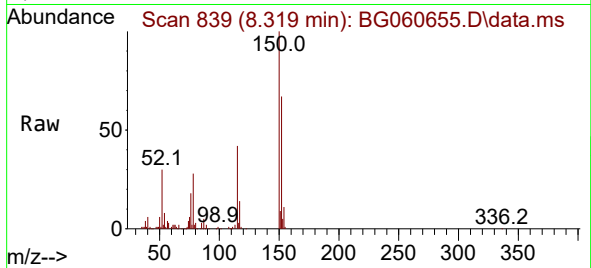




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.319 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

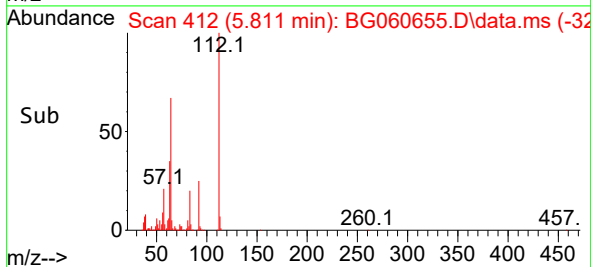
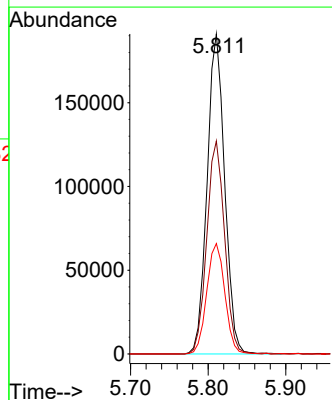
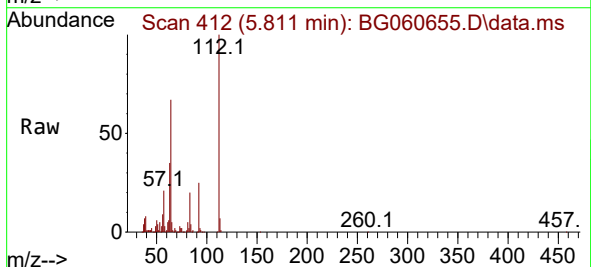
Instrument :
BNA_G
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

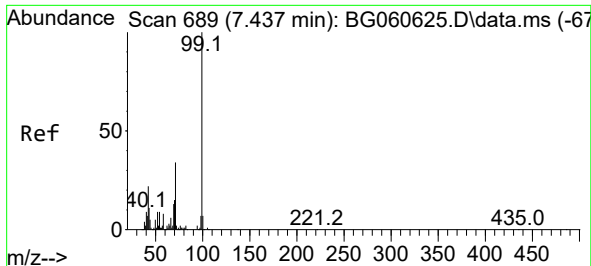
Tgt Ion:152 Resp: 83483
Ion Ratio Lower Upper
152 100
150 148.4 126.6 190.0
115 62.1 47.8 71.8



#5
2-Fluorophenol
Concen: 56.549 ng
RT: 5.811 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion:112 Resp: 300312
Ion Ratio Lower Upper
112 100
64 66.6 54.1 81.1
63 34.5 30.3 45.5

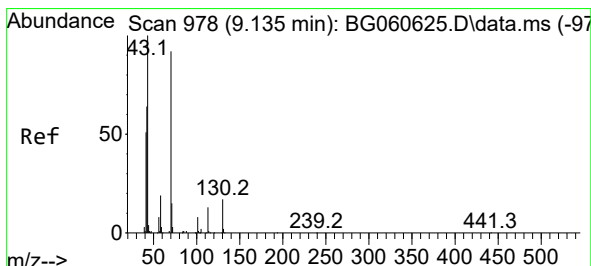
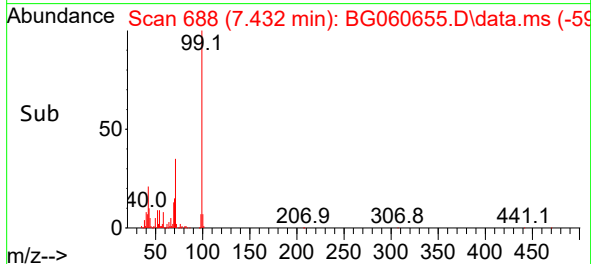
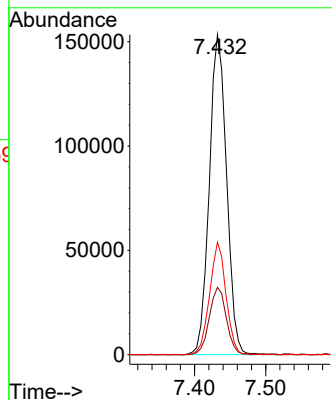
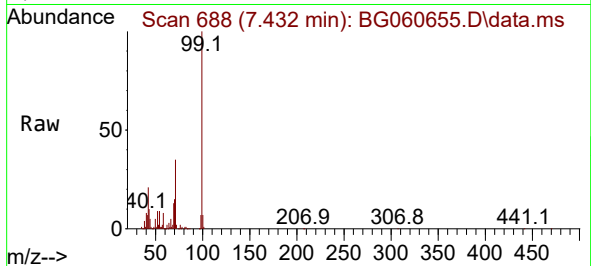




#7
Phenol-d6
Concen: 33.622 ng
RT: 7.432 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

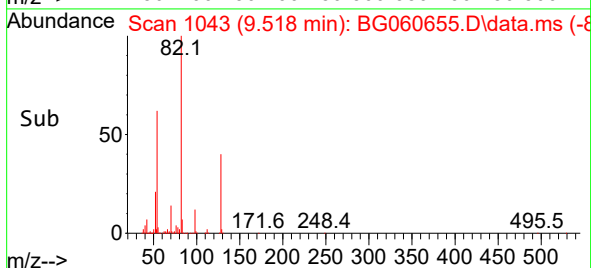
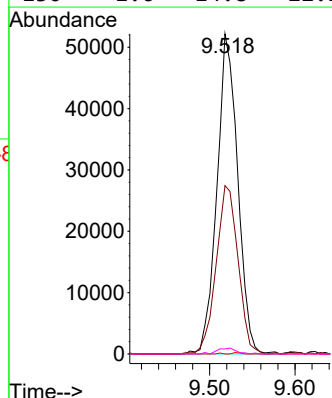
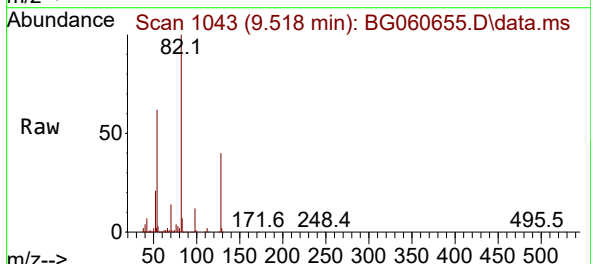
Instrument :
BNA_G
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

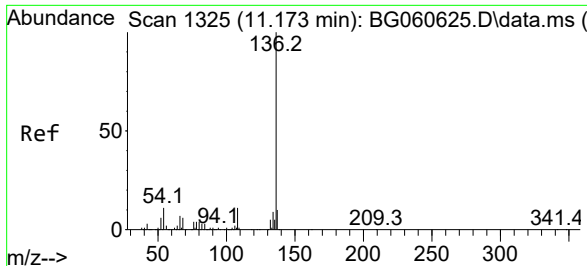
Tgt Ion: 99 Resp: 259010
Ion Ratio Lower Upper
99 100
42 21.1 17.5 26.3
71 35.2 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.535 ng
RT: 9.518 min Scan# 1043
Delta R.T. 0.383 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion: 70 Resp: 88295
Ion Ratio Lower Upper
70 100
42 52.6 56.2 84.2#
101 0.0 7.4 11.0#
130 1.6 14.8 22.2#

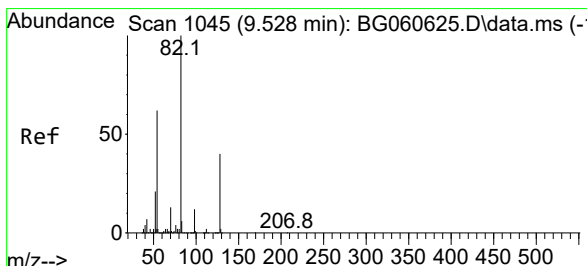
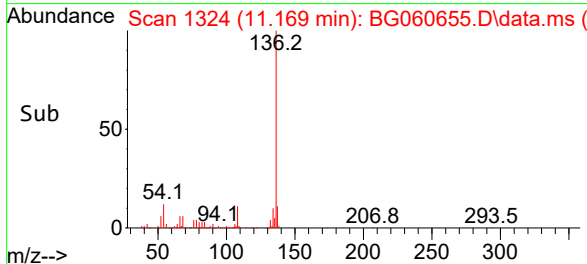
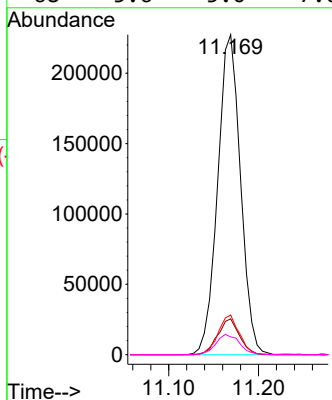
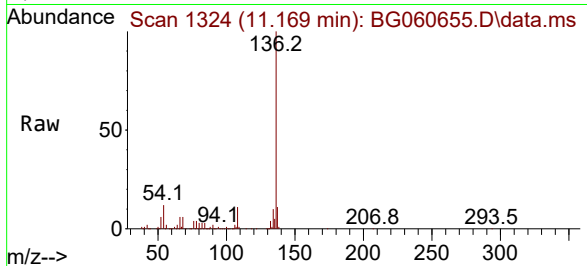




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

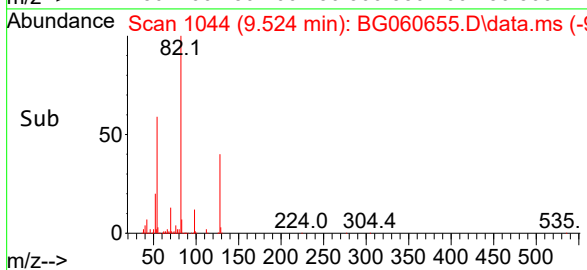
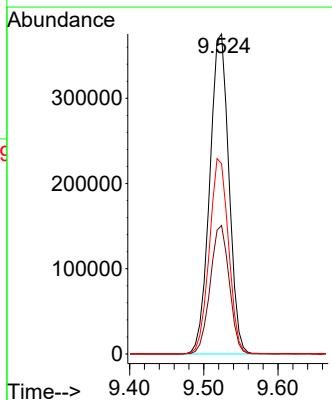
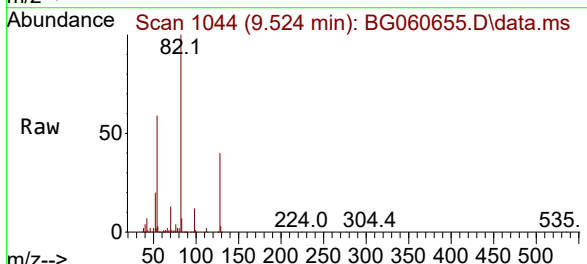
Instrument :
BNA_G
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

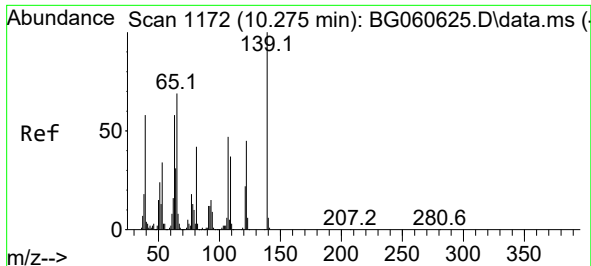
Tgt Ion:	136	Resp:	400680
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	12.4	8.5	12.7
68	5.6	5.0	7.6



#23
Nitrobenzene-d5
Concen: 87.665 ng
RT: 9.524 min Scan# 1044
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion:	82	Resp:	674923
Ion Ratio	Lower	Upper	
82	100		
128	40.1	31.6	47.4
54	59.5	49.3	73.9

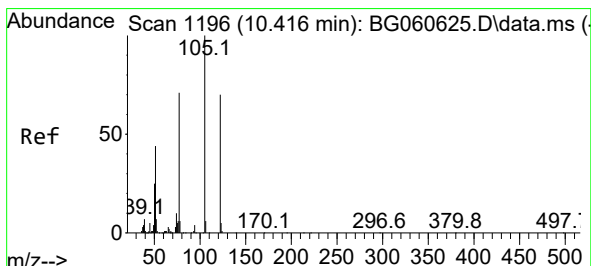
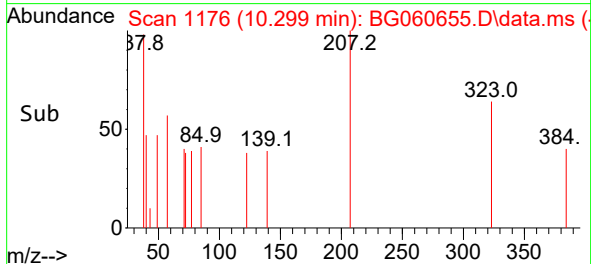
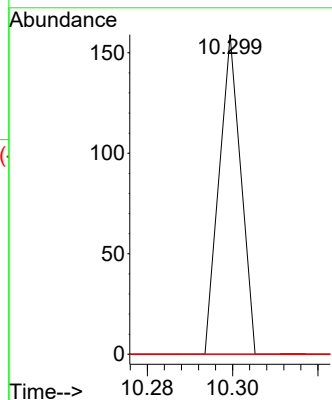
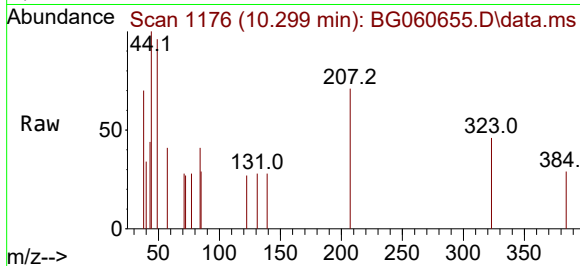




#26
2-Nitrophenol
Concen: 2.253 ng
RT: 10.299 min Scan# 1176
Delta R.T. 0.024 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

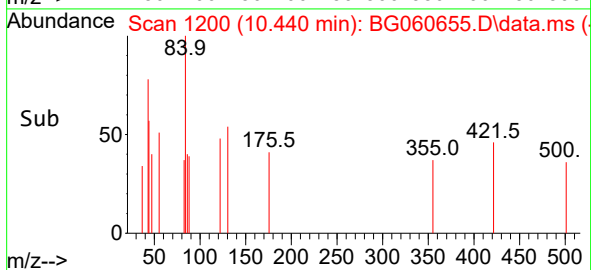
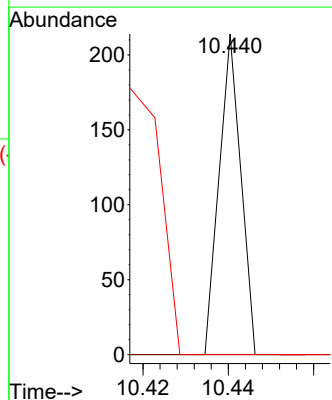
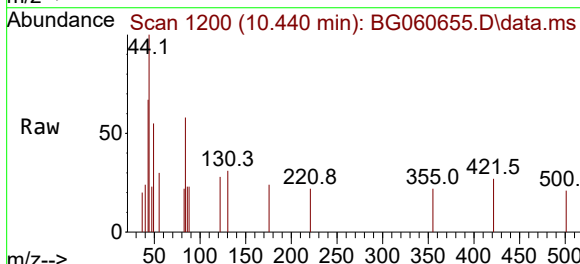
Instrument :
BNA_G
ClientSampleId :
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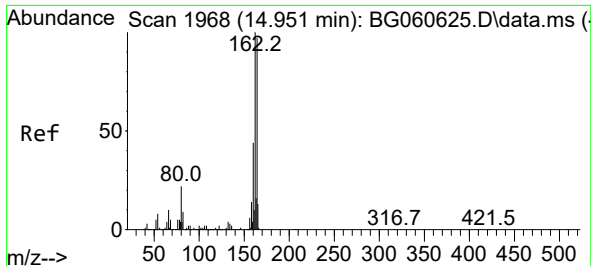
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.035 ng
RT: 10.440 min Scan# 1200
Delta R.T. 0.024 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#

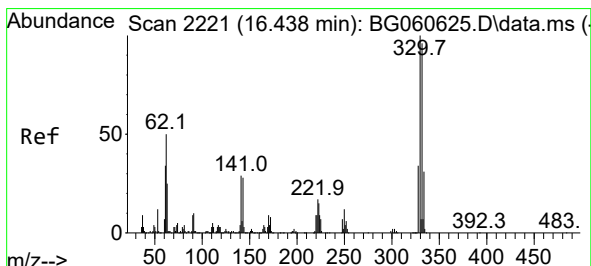
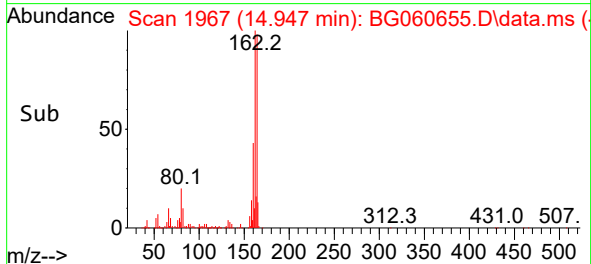
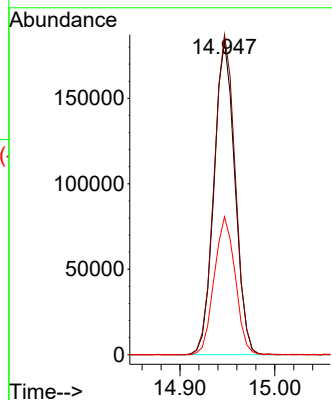
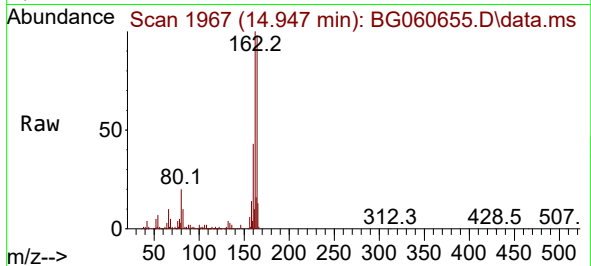




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

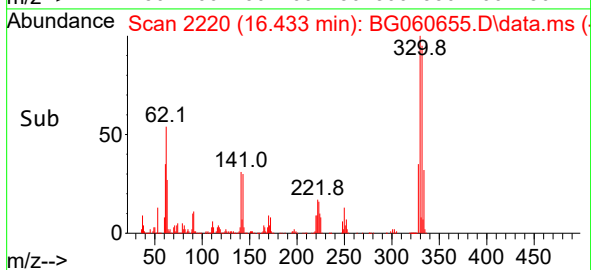
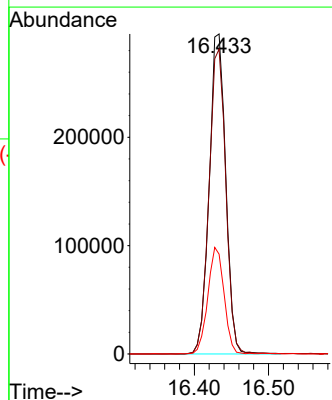
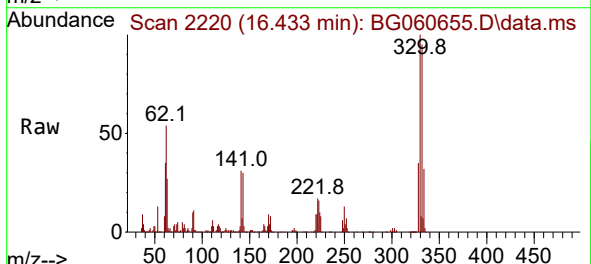
Instrument :
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ClientSampleId :
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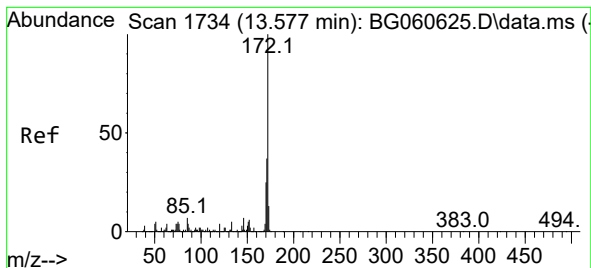
Tgt Ion:164 Resp: 279612
Ion Ratio Lower Upper
164 100
162 101.9 82.5 123.7
160 43.9 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 141.042 ng
RT: 16.433 min Scan# 2220
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion:330 Resp: 456995
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 32.8 25.4 38.2

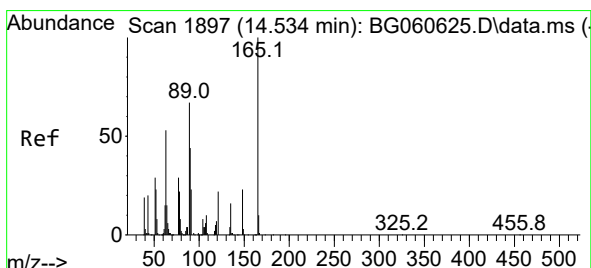
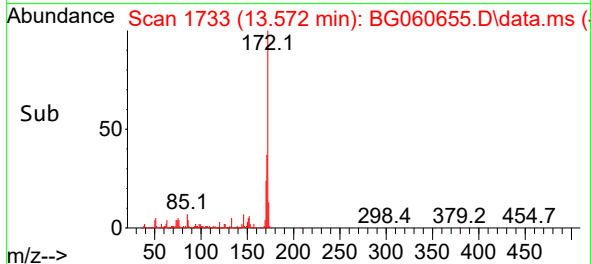
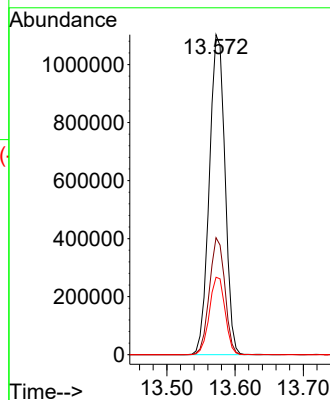
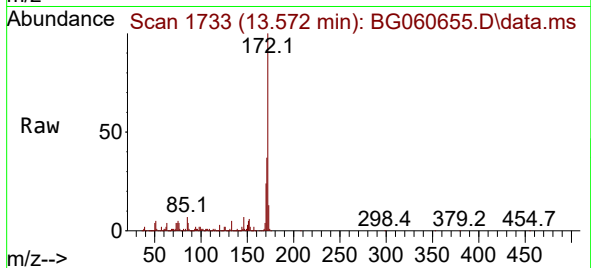




#45
2-Fluorobiphenyl
Concen: 85.265 ng
RT: 13.572 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

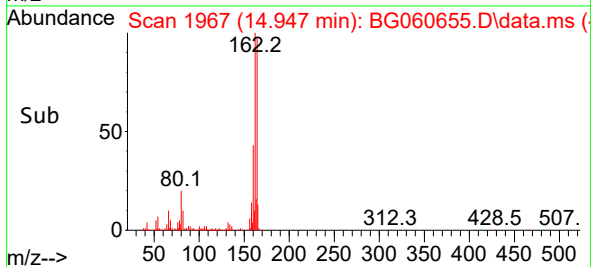
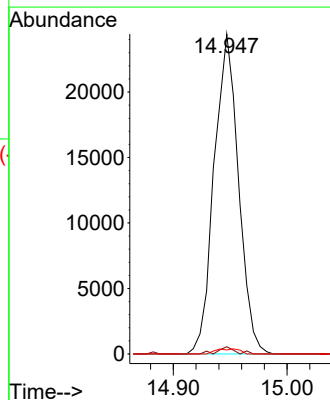
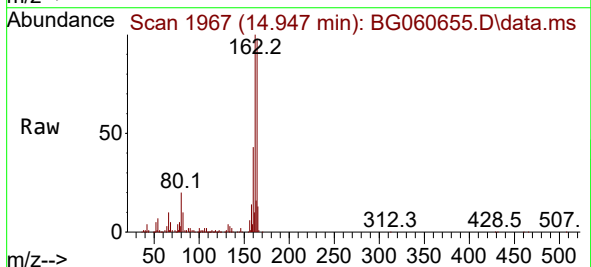
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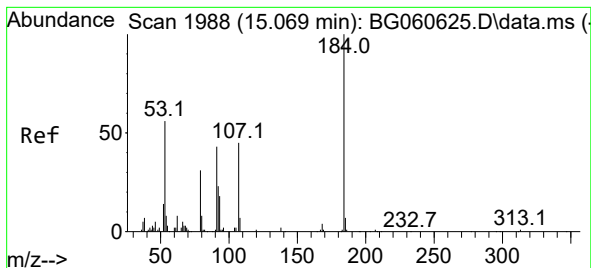
Tgt Ion:172 Resp: 1763337
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 24.2 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.442 ng
RT: 14.947 min Scan# 1967
Delta R.T. 0.413 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion:165 Resp: 36484
Ion Ratio Lower Upper
165 100
63 2.3 55.8 83.6#
89 1.3 54.1 81.1#

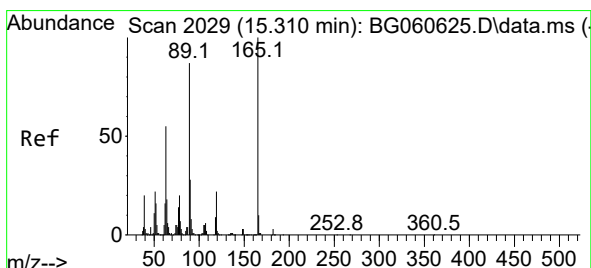
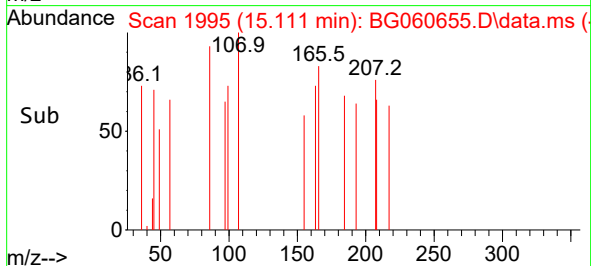
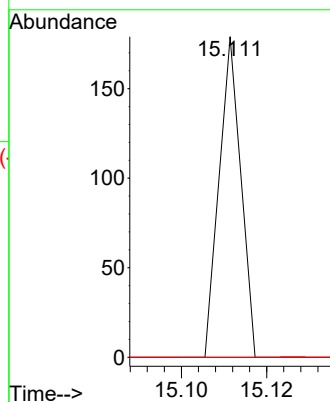
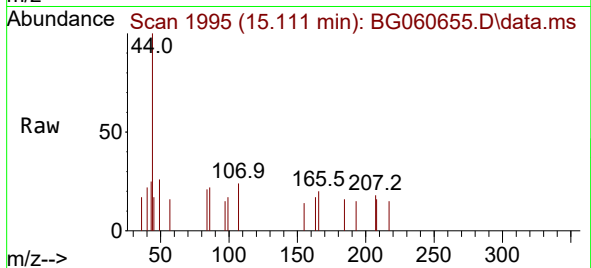




#54
2,4-Dinitrophenol
Concen: 6.873 ng
RT: 15.111 min Scan# 1995
Delta R.T. 0.042 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

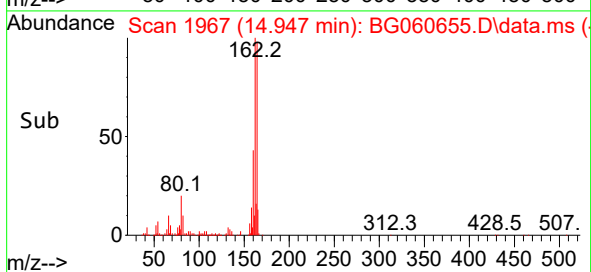
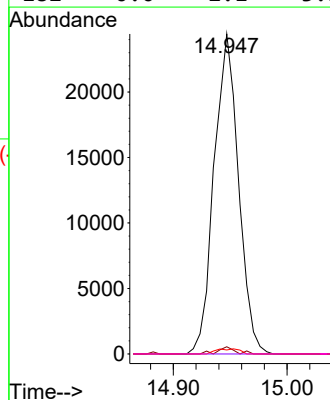
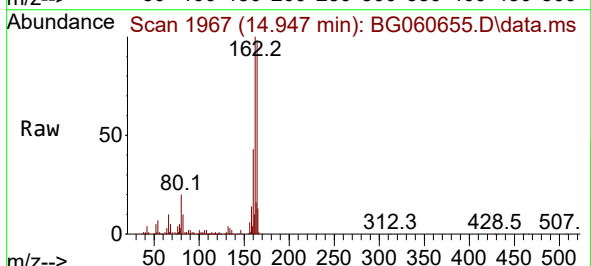
Instrument :
BNA_G
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

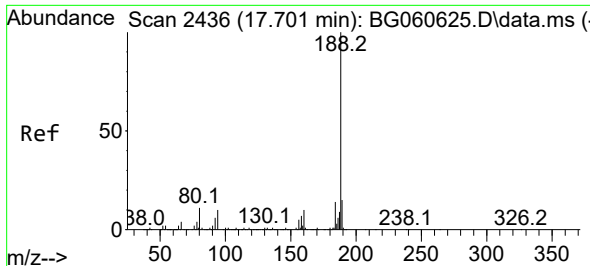
Tgt Ion:184	Resp:	63
Ion Ratio	Lower	Upper
184	100	
63	0.0	54.4 81.6#
154	0.0	50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.506 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.363 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion:165	Resp:	36484
Ion Ratio	Lower	Upper
165	100	
63	2.3	44.1 66.1#
89	1.3	69.7 104.5#
182	0.0	2.1 3.1#

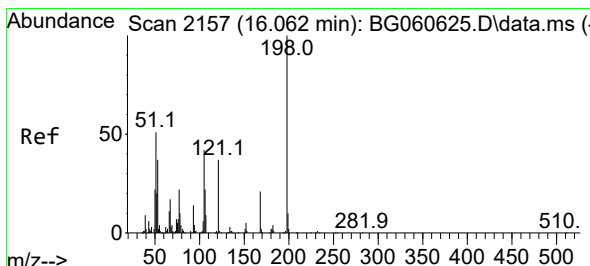
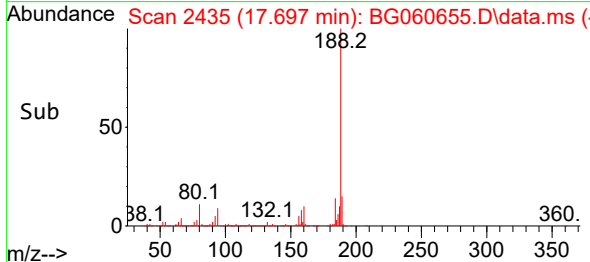
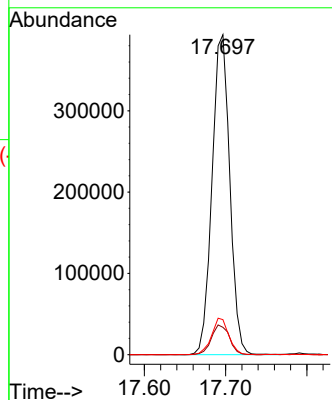
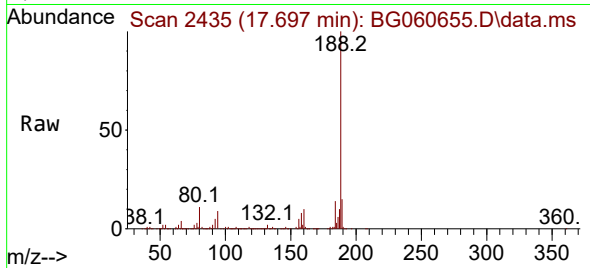




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

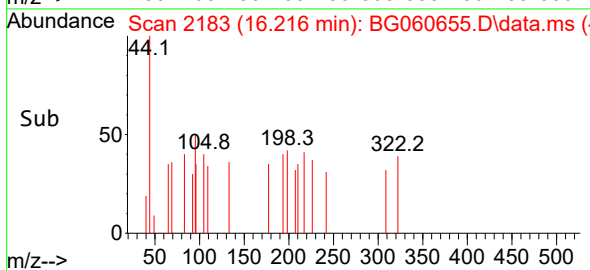
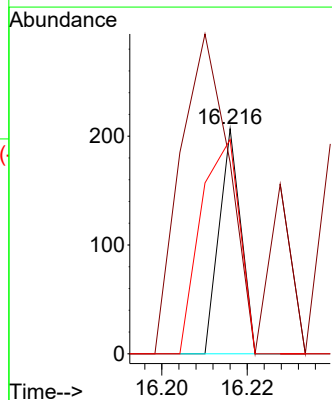
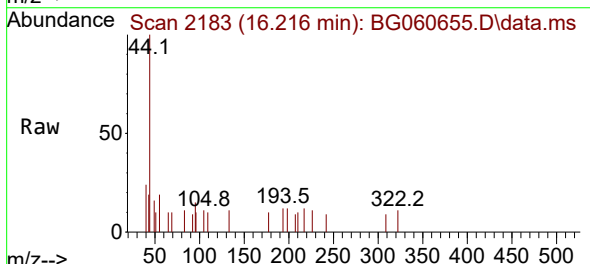
Instrument : BNA_G
ClientSampleId : 20241095-35N-N-FIELD-BLANK-1

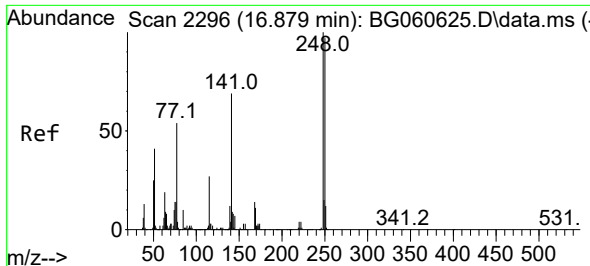
Tgt Ion:188 Resp: 595496
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 10.9 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.839 ng
RT: 16.216 min Scan# 2183
Delta R.T. 0.154 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion:198 Resp: 73
Ion Ratio Lower Upper
198 100
51 85.0 36.9 76.9#
105 95.2 22.4 62.4#

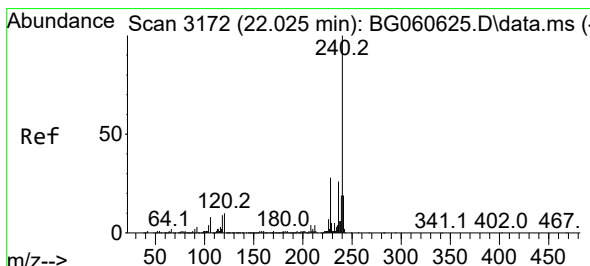
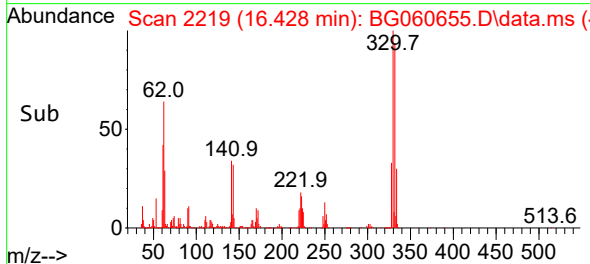
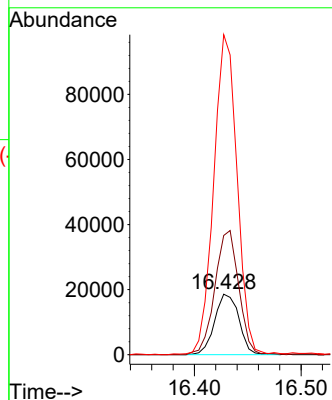
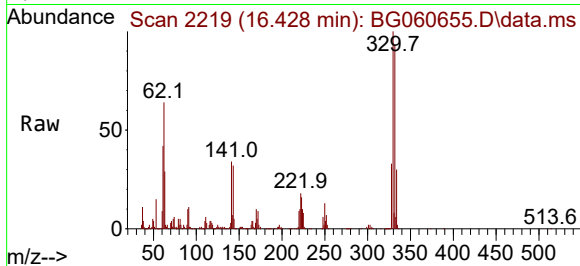




#67
4-Bromophenyl-phenylether
Concen: 4.584 ng
RT: 16.428 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

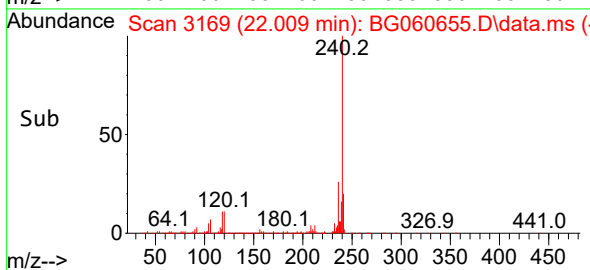
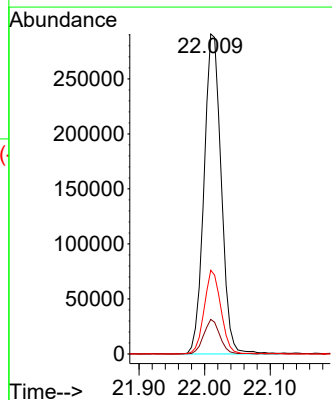
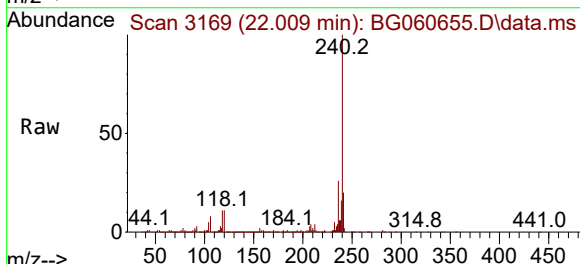
Instrument :
BNA_G
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

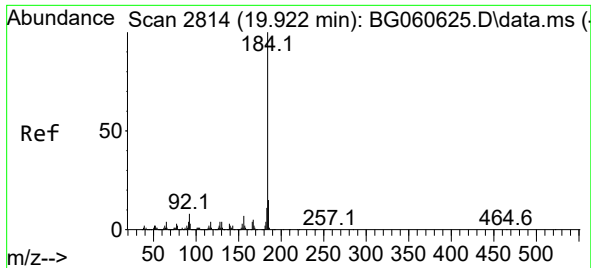
Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.2	77.8	116.6#
141	529.1	55.1	82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.009 min Scan# 3169
Delta R.T. -0.016 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.8	11.8
236	26.2	20.6	31.0

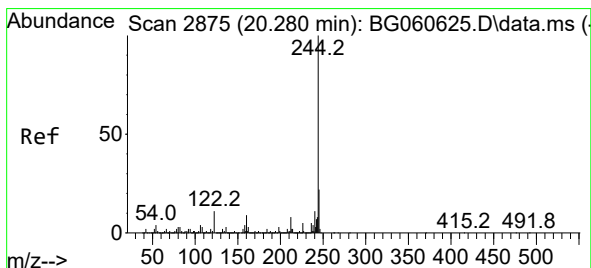
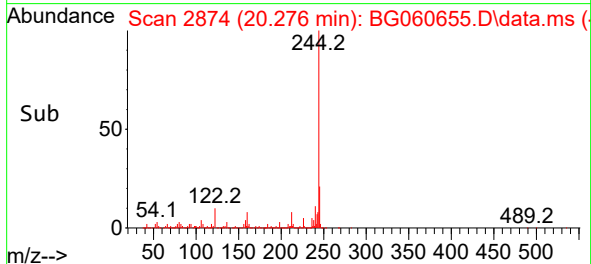
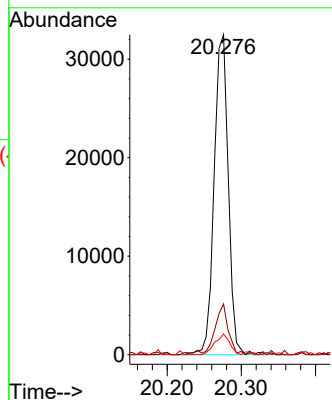
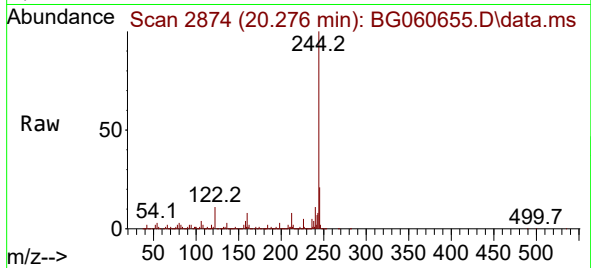




#77
Benzidine
Concen: 3.313 ng
RT: 20.276 min Scan# 2814
Delta R.T. 0.354 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

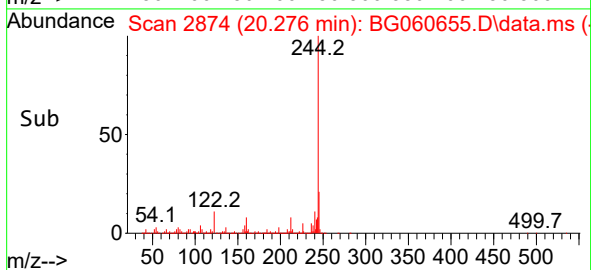
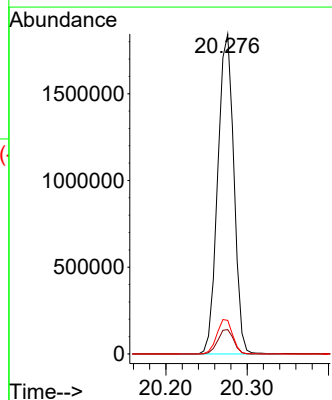
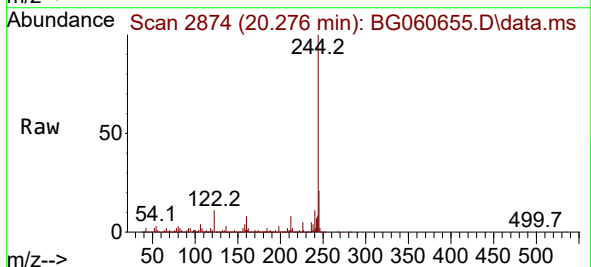
Instrument :
BNA_G
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

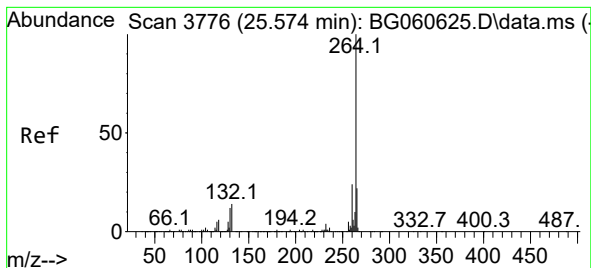
Tgt Ion:184 Resp: 43028
Ion Ratio Lower Upper
184 100
185 15.9 11.7 17.5
183 6.4 9.2 13.8#



#79
Terphenyl-d14
Concen: 86.728 ng
RT: 20.276 min Scan# 2874
Delta R.T. -0.004 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion:244 Resp: 2547721
Ion Ratio Lower Upper
244 100
212 7.6 6.6 9.8
122 10.5 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.570 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG060655.D

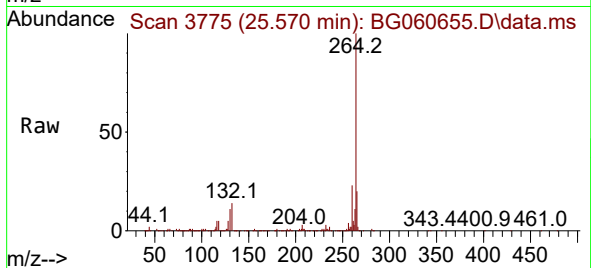
Acq: 15 Mar 2024 2:42

Instrument :

BNA_G

ClientSampleId :

20241095-35N-N-FIELD-BLANK-1



Tgt Ion:264 Resp: 610683

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.2

265 20.3 18.1 27.1

