

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
 Data File : BG060688.D
 Acq On : 20 Mar 2024 12:33
 Operator : MA/JU
 Sample : P1616-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 196-BAY-AVENUE

Quant Time: Mar 20 13:09:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 18 14:26:31 2024
 Response via : Initial Calibration

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

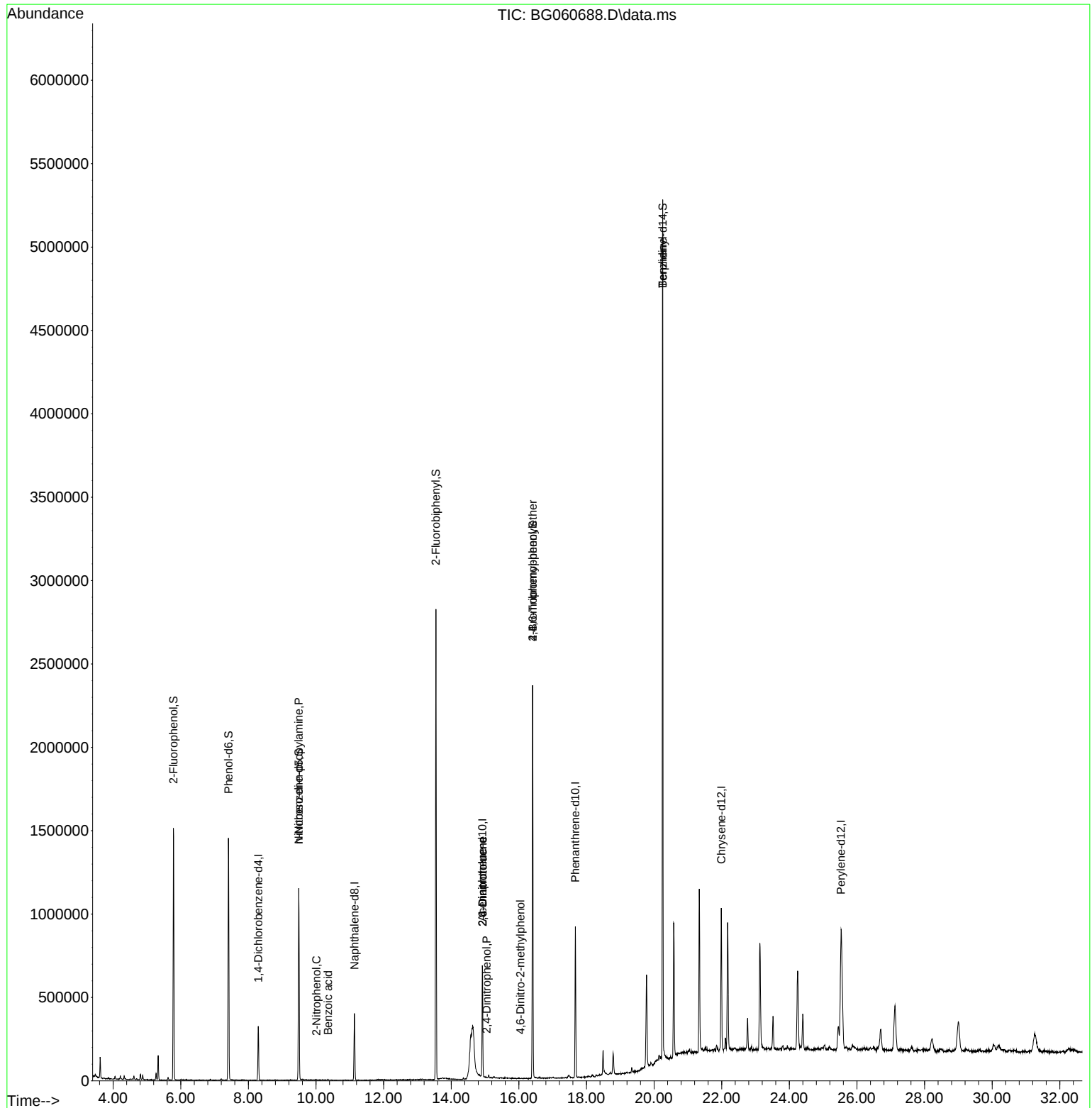
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	83680	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	325169	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	237737	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	557169	20.000	ng	0.00
76) Chrysene-d12	21.990	240	542161	20.000	ng	0.00
86) Perylene-d12	25.527	264	648715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	630928	118.525	ng	0.00
7) Phenol-d6	7.413	99	837958	108.518	ng	0.00
23) Nitrobenzene-d5	9.493	82	671557	107.483	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	447364	162.390	ng	0.00
45) 2-Fluorobiphenyl	13.547	172	1432232	81.453	ng	0.00
79) Terphenyl-d14	20.256	244	2479709	82.672	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.493	70	83583	15.616	ng	# 81
26) 2-Nitrophenol	10.015	139	61	2.259	ng	# 11
32) Benzoic acid	10.356	122	129	6.052	ng	# 1
51) 2,6-Dinitrotoluene	14.927	165	31183	9.491	ng	# 17
54) 2,4-Dinitrophenol	15.051	184	232	6.970	ng	# 17
57) 2,4-Dinitrotoluene	14.927	165	31183	7.545	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.050	198	59	4.836	ng	# 27
67) 4-Bromophenyl-phenylether	16.408	248	29117	4.846	ng	# 1
77) Benzidine	20.256	184	40930	3.086	ng	# 92

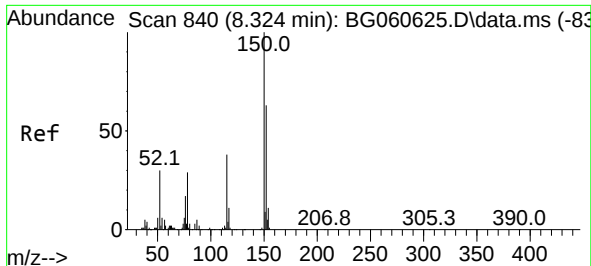
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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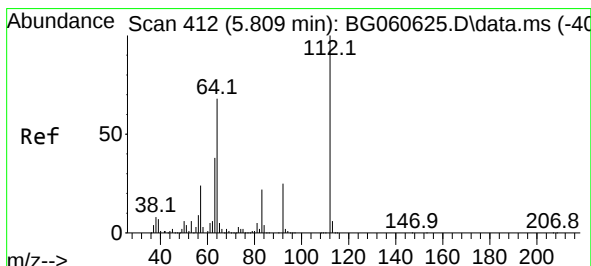
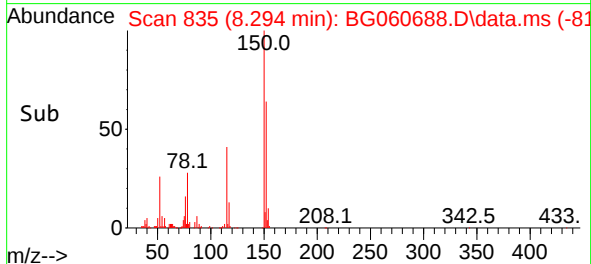
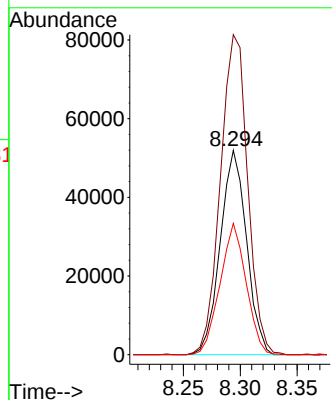
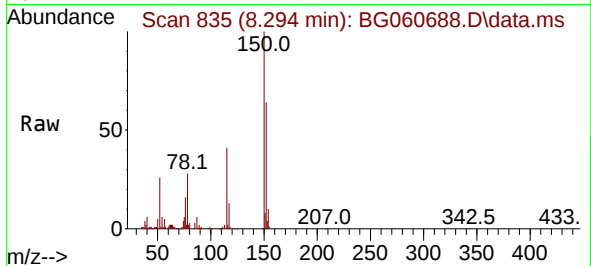




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

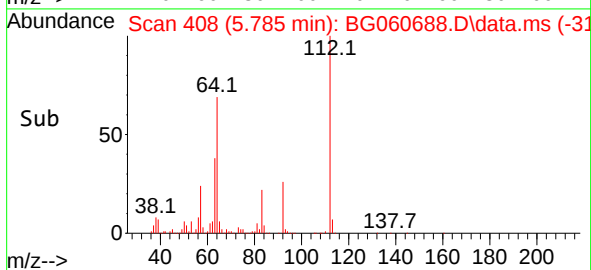
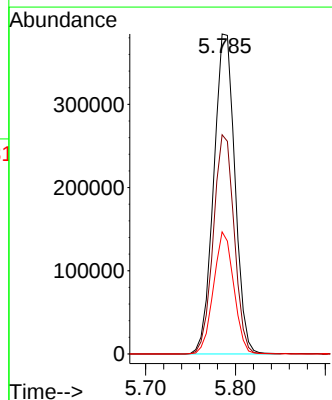
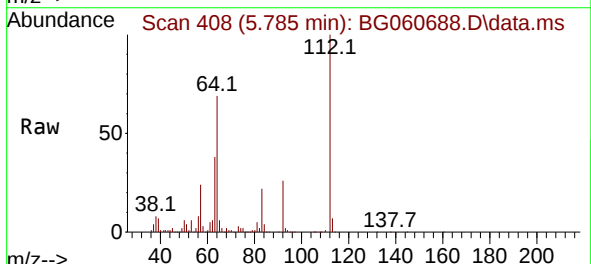
Instrument :
BNA_G
ClientSampleId :
196-BAY-AVENUE

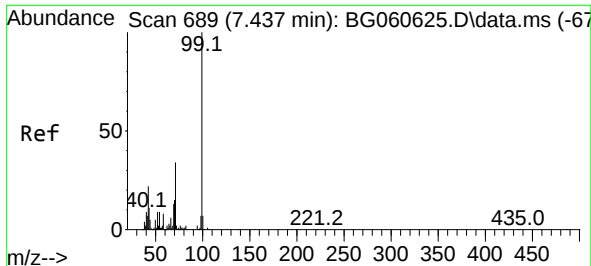
Tgt Ion:152 Resp: 83680
Ion Ratio Lower Upper
152 100
150 156.6 126.6 190.0
115 64.3 47.8 71.8



#5
2-Fluorophenol
Concen: 118.525 ng
RT: 5.785 min Scan# 408
Delta R.T. 0.006 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

Tgt Ion:112 Resp: 630928
Ion Ratio Lower Upper
112 100
64 68.5 54.1 81.1
63 38.2 30.3 45.5

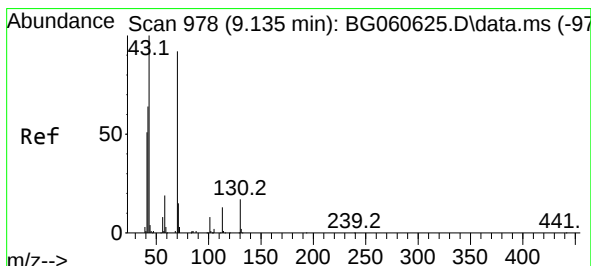
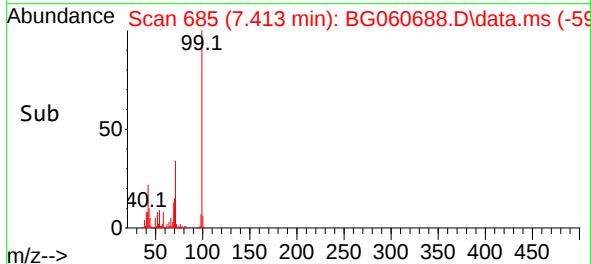
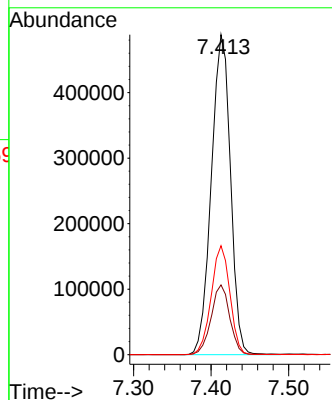
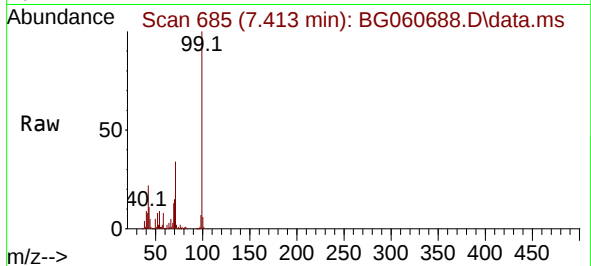




#7
Phenol-d6
Concen: 108.518 ng
RT: 7.413 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

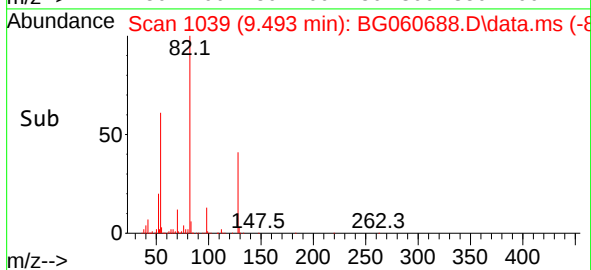
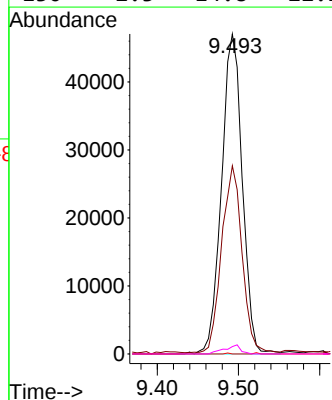
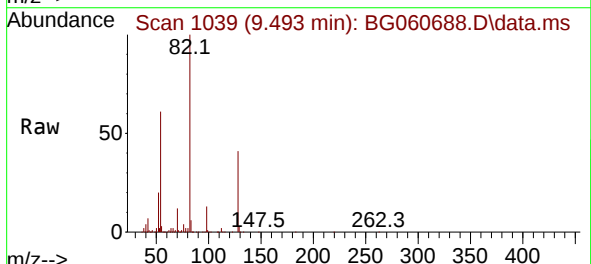
Instrument :
BNA_G
ClientSampleId :
196-BAY-AVENUE

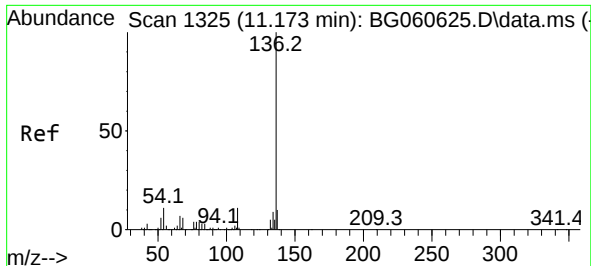
Tgt Ion: 99 Resp: 837958
Ion Ratio Lower Upper
99 100
42 21.8 17.5 26.3
71 34.0 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.616 ng
RT: 9.493 min Scan# 1039
Delta R.T. 0.394 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

Tgt Ion: 70 Resp: 83583
Ion Ratio Lower Upper
70 100
42 58.8 56.2 84.2
101 0.0 7.4 11.0#
130 2.3 14.8 22.2#

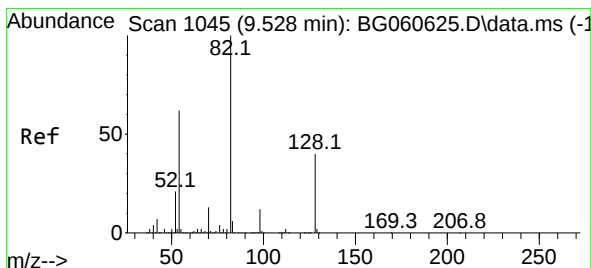
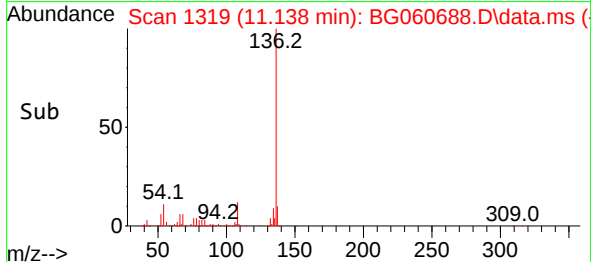
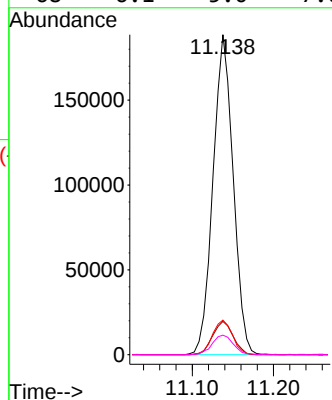
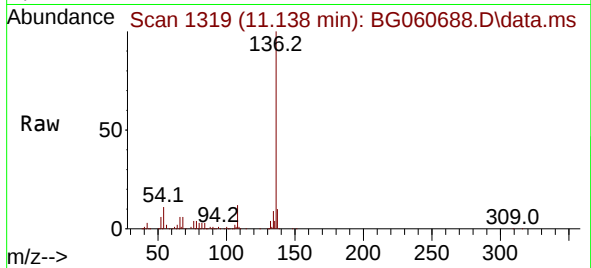




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 111
Delta R.T. -0.000 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

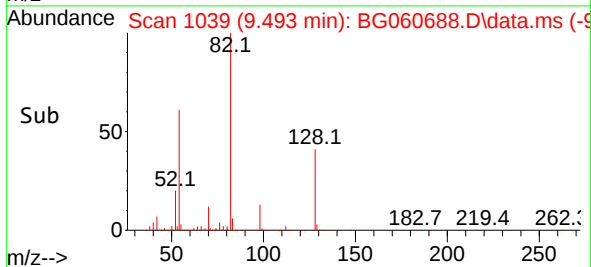
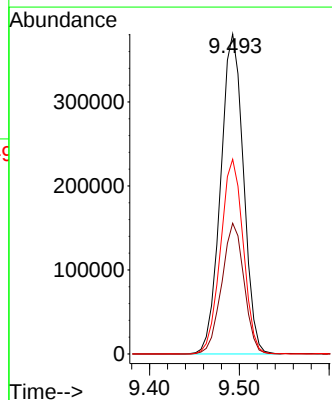
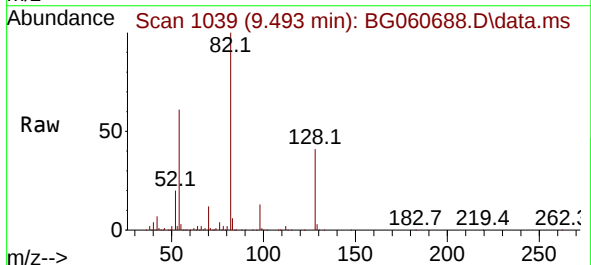
Instrument :
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ClientSampleId :
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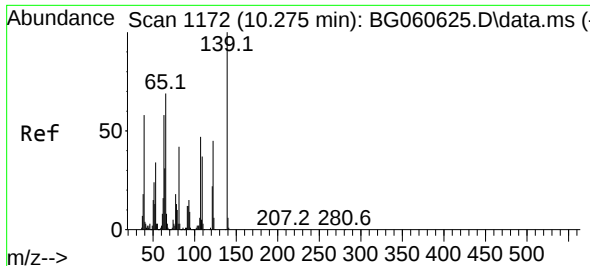
Tgt Ion:136	Resp:	325169	
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	10.8	8.5	12.7
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 107.483 ng
RT: 9.493 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

Tgt Ion: 82	Resp: 671557
Ion Ratio	Lower Upper
82 100	
128 40.9	31.6 47.4
54 60.9	49.3 73.9

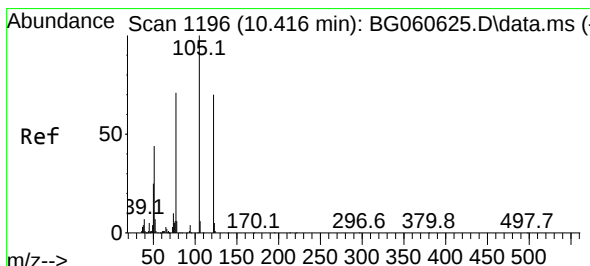
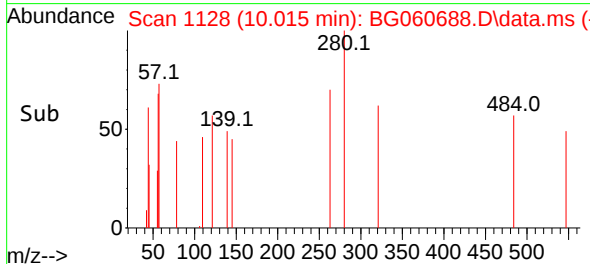
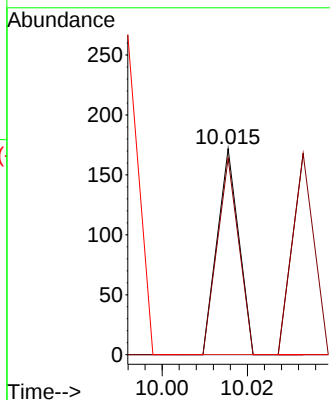
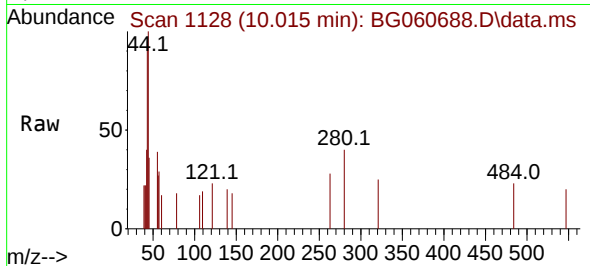




#26
2-Nitrophenol
Concen: 2.259 ng
RT: 10.015 min Scan# 1172
Delta R.T. -0.223 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

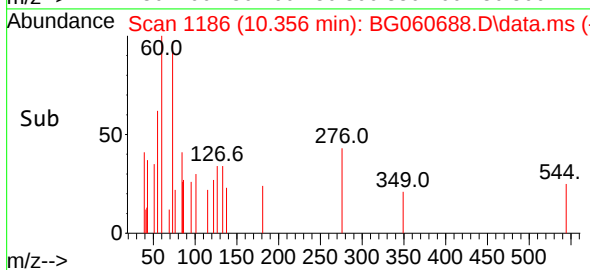
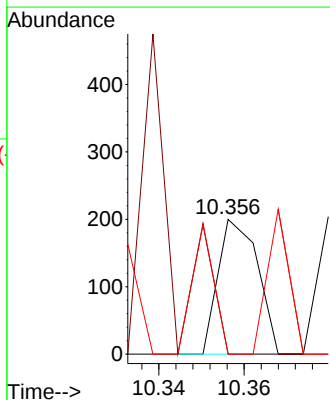
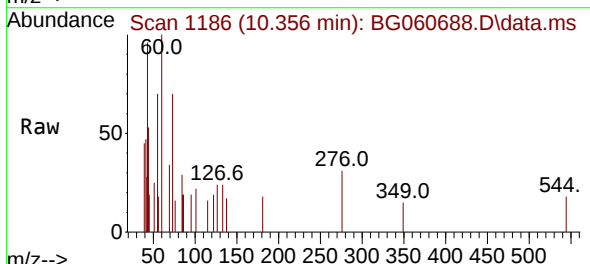
Instrument :
BNA_G
ClientSampleId :
196-BAY-AVENUE

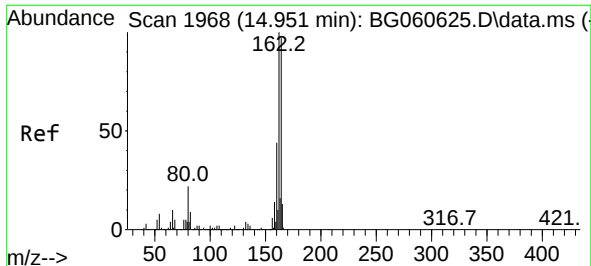
Tgt Ion:139	Resp:	61
Ion	Ratio	Lower Upper
139	100	
109	95.3	29.5 44.3#
65	0.0	55.0 82.4#



#32
Benzoic acid
Concen: 6.052 ng
RT: 10.356 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

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#

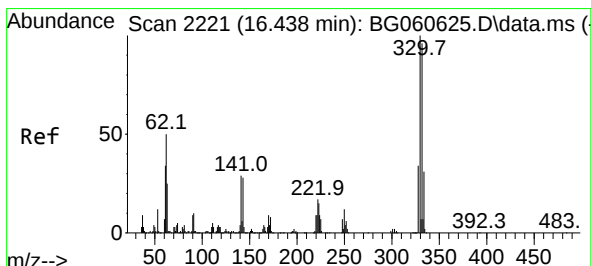
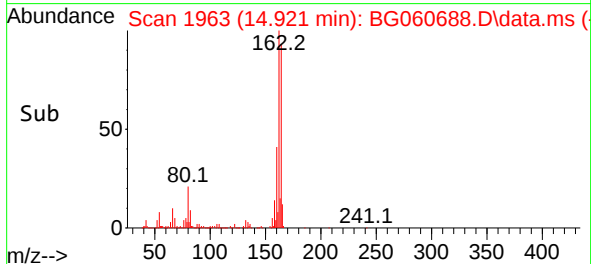
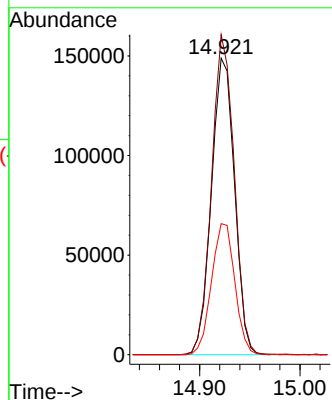
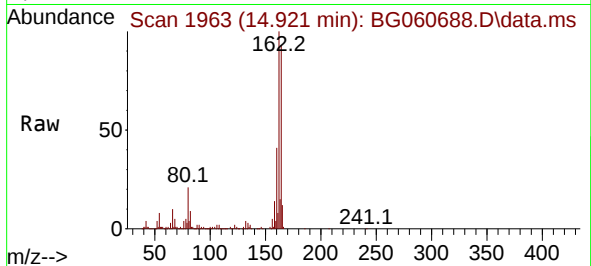




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.921 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

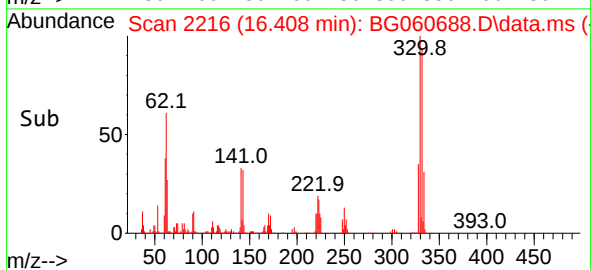
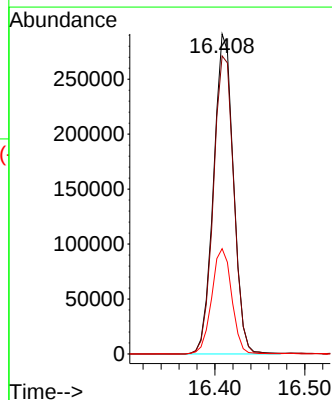
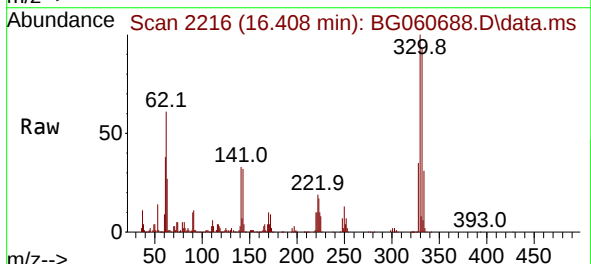
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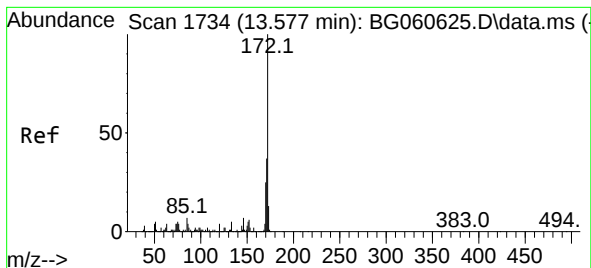
Tgt Ion:164 Resp: 237737
Ion Ratio Lower Upper
164 100
162 108.0 82.5 123.7
160 44.2 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 162.390 ng
RT: 16.408 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

Tgt Ion:330 Resp: 447364
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 33.1 25.4 38.2

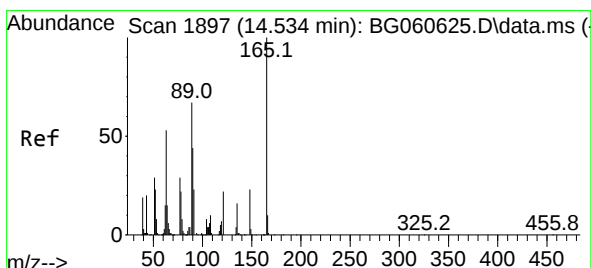
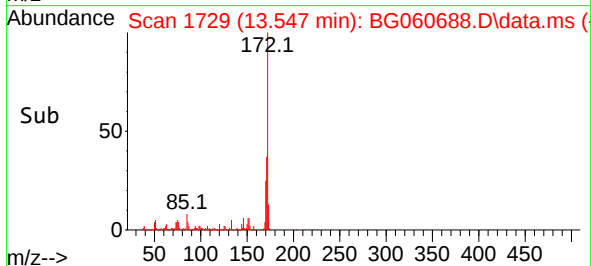
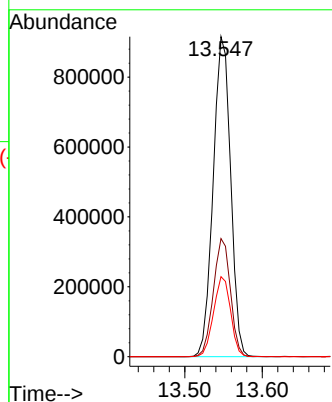
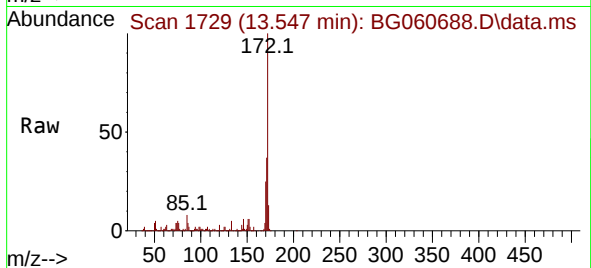




#45
2-Fluorobiphenyl
Concen: 81.453 ng
RT: 13.547 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

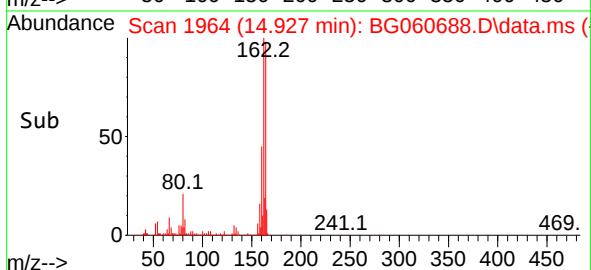
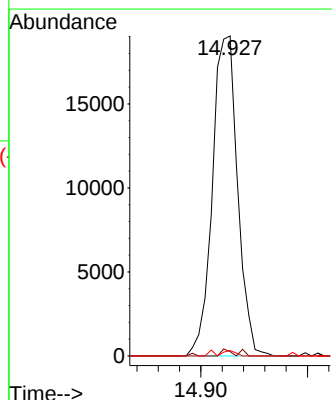
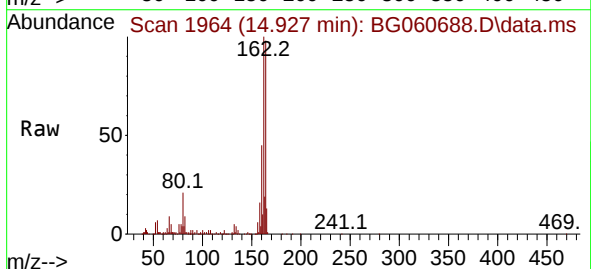
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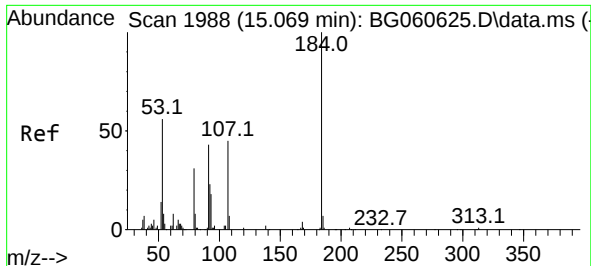
Tgt Ion:172 Resp: 1432232
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 25.0 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.491 ng
RT: 14.927 min Scan# 1964
Delta R.T. 0.417 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

Tgt Ion:165 Resp: 31183
Ion Ratio Lower Upper
165 100
63 1.4 55.8 83.6#
89 1.7 54.1 81.1#

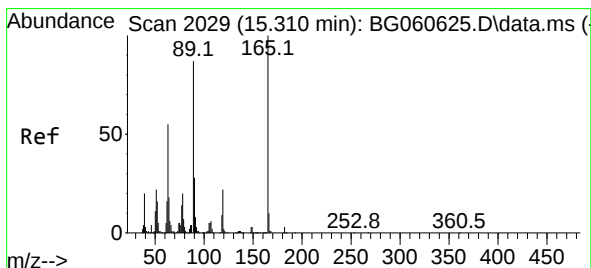
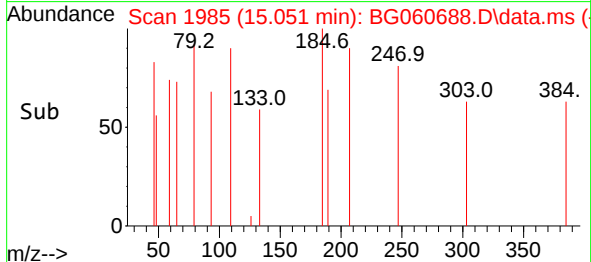
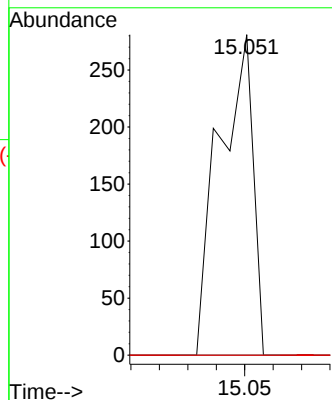
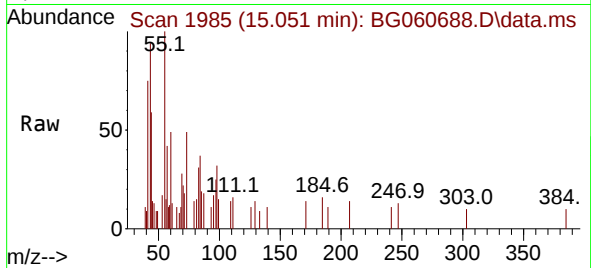




#54
2,4-Dinitrophenol
Concen: 6.970 ng
RT: 15.051 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

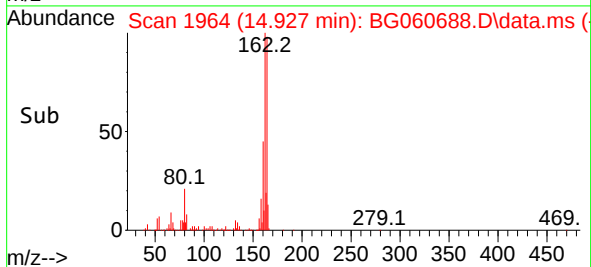
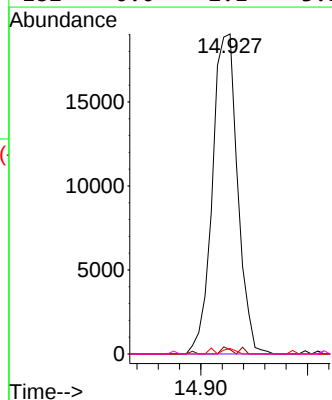
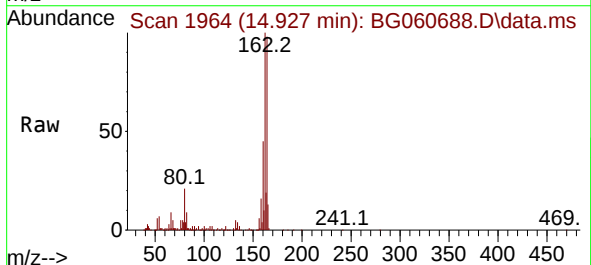
Instrument :
BNA_G
ClientSampleId :
196-BAY-AVENUE

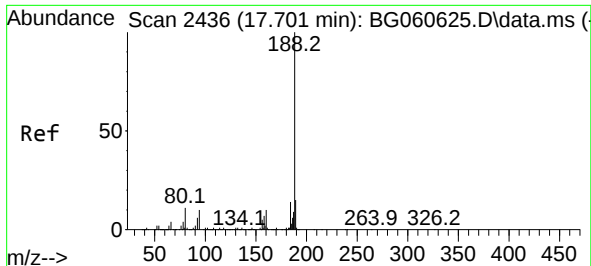
Tgt Ion:184 Resp: 232
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.545 ng
RT: 14.927 min Scan# 1964
Delta R.T. -0.359 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

Tgt Ion:165 Resp: 31183
Ion Ratio Lower Upper
165 100
63 1.4 44.1 66.1#
89 1.7 69.7 104.5#
182 0.0 2.1 3.1#

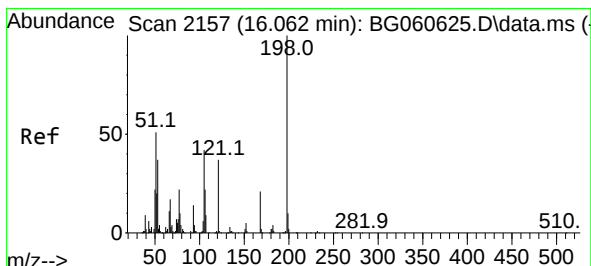
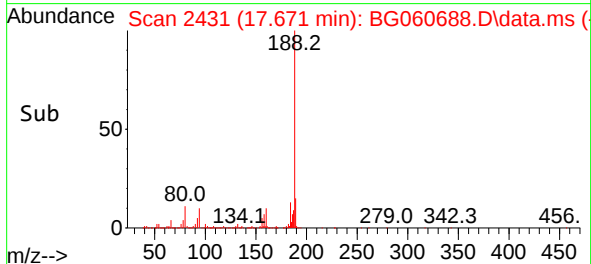
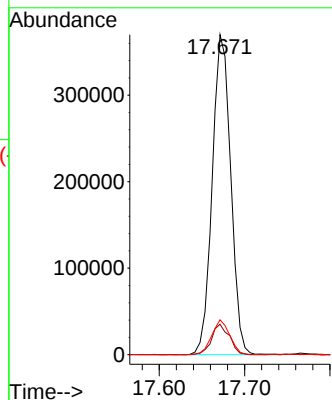
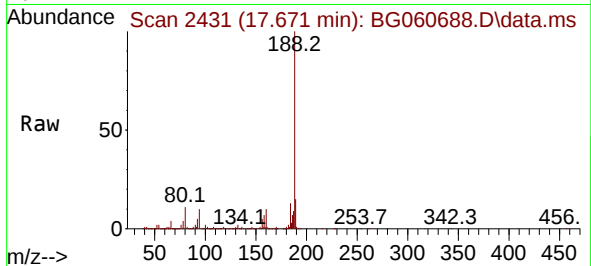




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

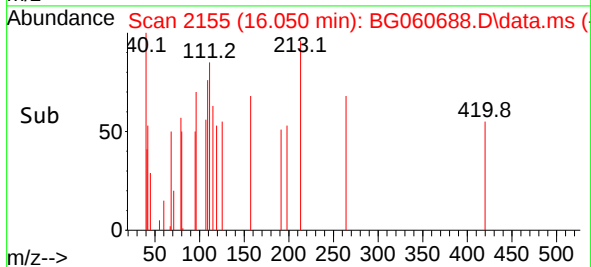
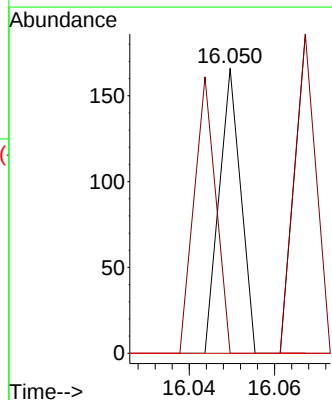
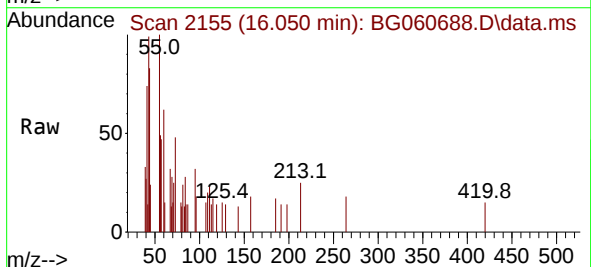
Instrument :
BNA_G
ClientSampleId :
196-BAY-AVENUE

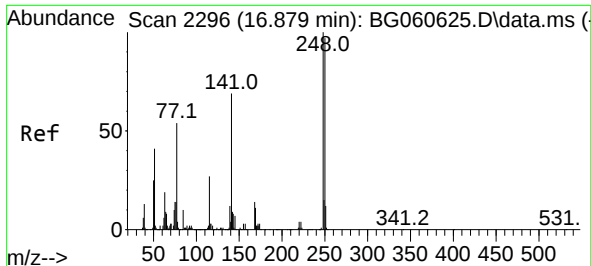
Tgt Ion:188 Resp: 557169
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.9 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.836 ng
RT: 16.050 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

Tgt Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 0.0 36.9 76.9#
105 0.0 22.4 62.4#

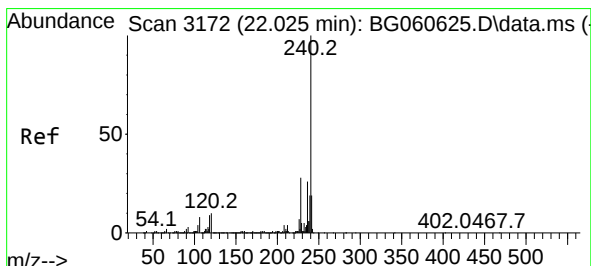
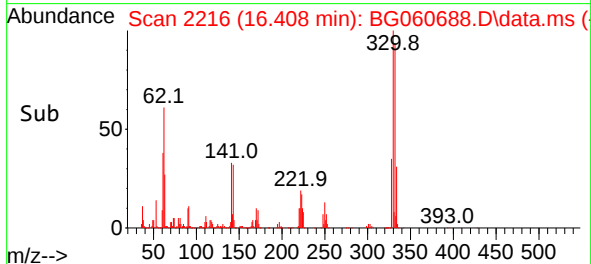
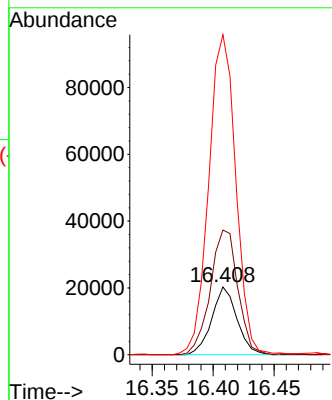
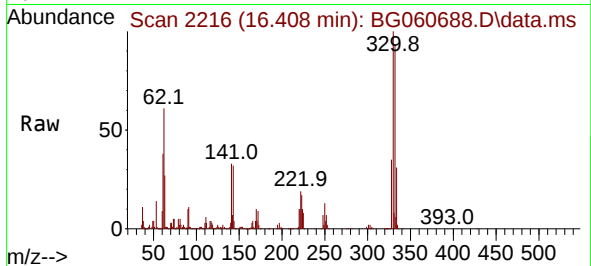




#67
4-Bromophenyl-phenylether
Concen: 4.846 ng
RT: 16.408 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

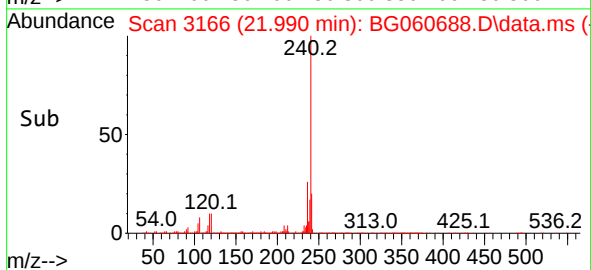
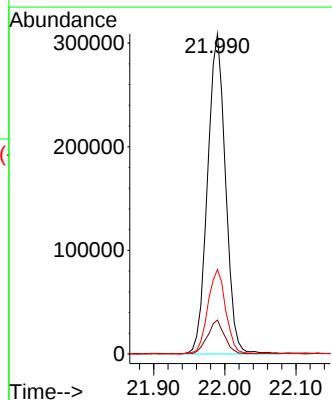
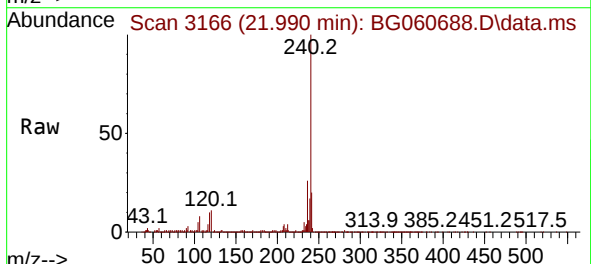
Instrument :
BNA_G
ClientSampleId :
196-BAY-AVENUE

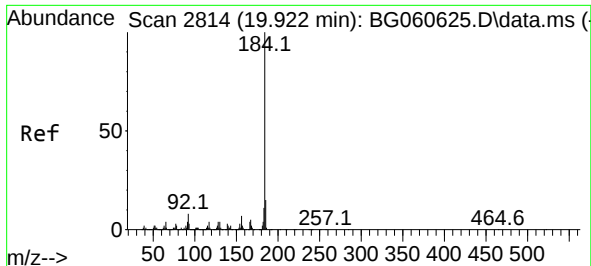
Tgt Ion:248 Resp: 29117
Ion Ratio Lower Upper
248 100
250 184.1 77.8 116.6#
141 472.5 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.990 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

Tgt Ion:240 Resp: 542161
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.8
236 26.4 20.6 31.0

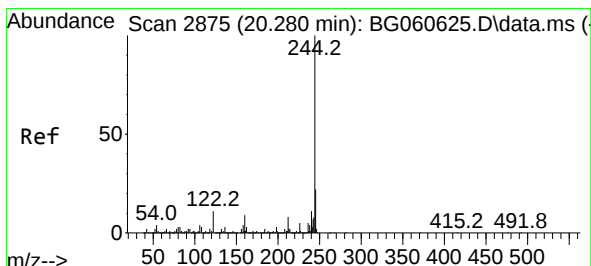
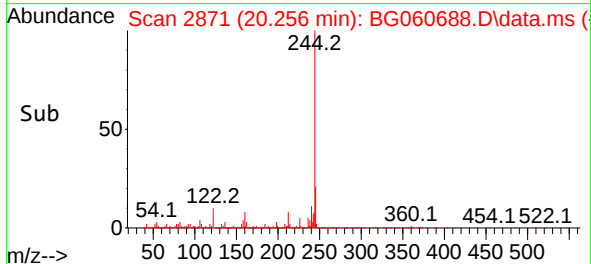
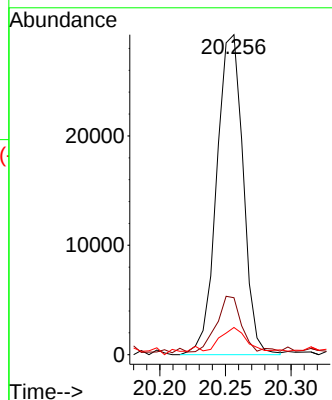
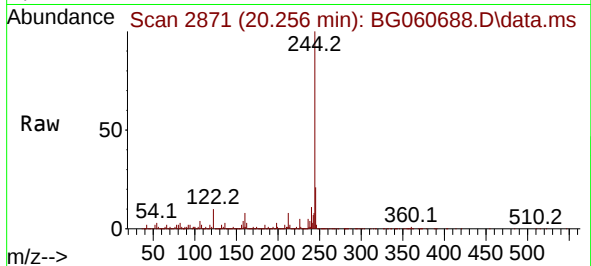




#77
Benzidine
Concen: 3.086 ng
RT: 20.256 min Scan# 2871
Delta R.T. 0.358 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

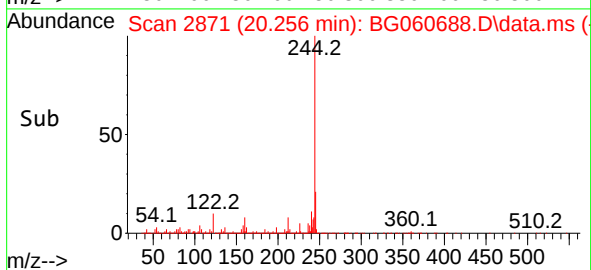
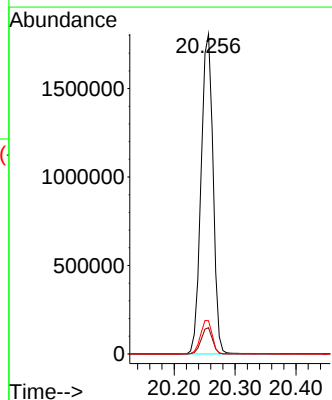
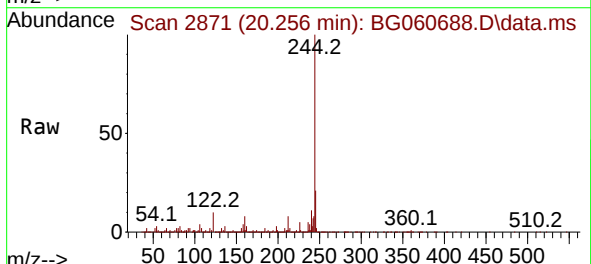
Instrument :
BNA_G
ClientSampleId :
196-BAY-AVENUE

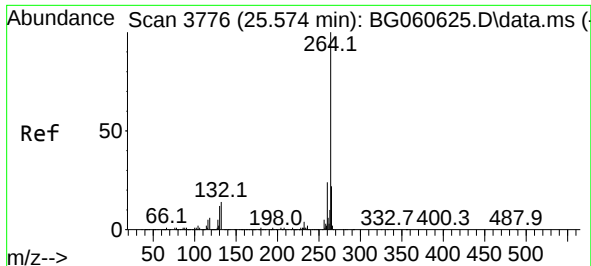
Tgt Ion:184 Resp: 40930
Ion Ratio Lower Upper
184 100
185 17.8 11.7 17.5#
183 8.5 9.2 13.8#



#79
Terphenyl-d14
Concen: 82.672 ng
RT: 20.256 min Scan# 2871
Delta R.T. -0.000 min
Lab File: BG060688.D
Acq: 20 Mar 2024 12:33

Tgt Ion:244 Resp: 2479709
Ion Ratio Lower Upper
244 100
212 8.2 6.6 9.8
122 10.4 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.527 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BG060688.D
 Acq: 20 Mar 2024 12:33

Instrument :
 BNA_G
 ClientSampleId :
 196-BAY-AVENUE

Tgt Ion:264 Resp: 648715
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.4 29.2
 265 21.1 18.1 27.1

