

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060664.D
 Acq On : 15 Mar 2024 14:27
 Operator : MA/JU
 Sample : P1771-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Mar 15 19:48:11 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)

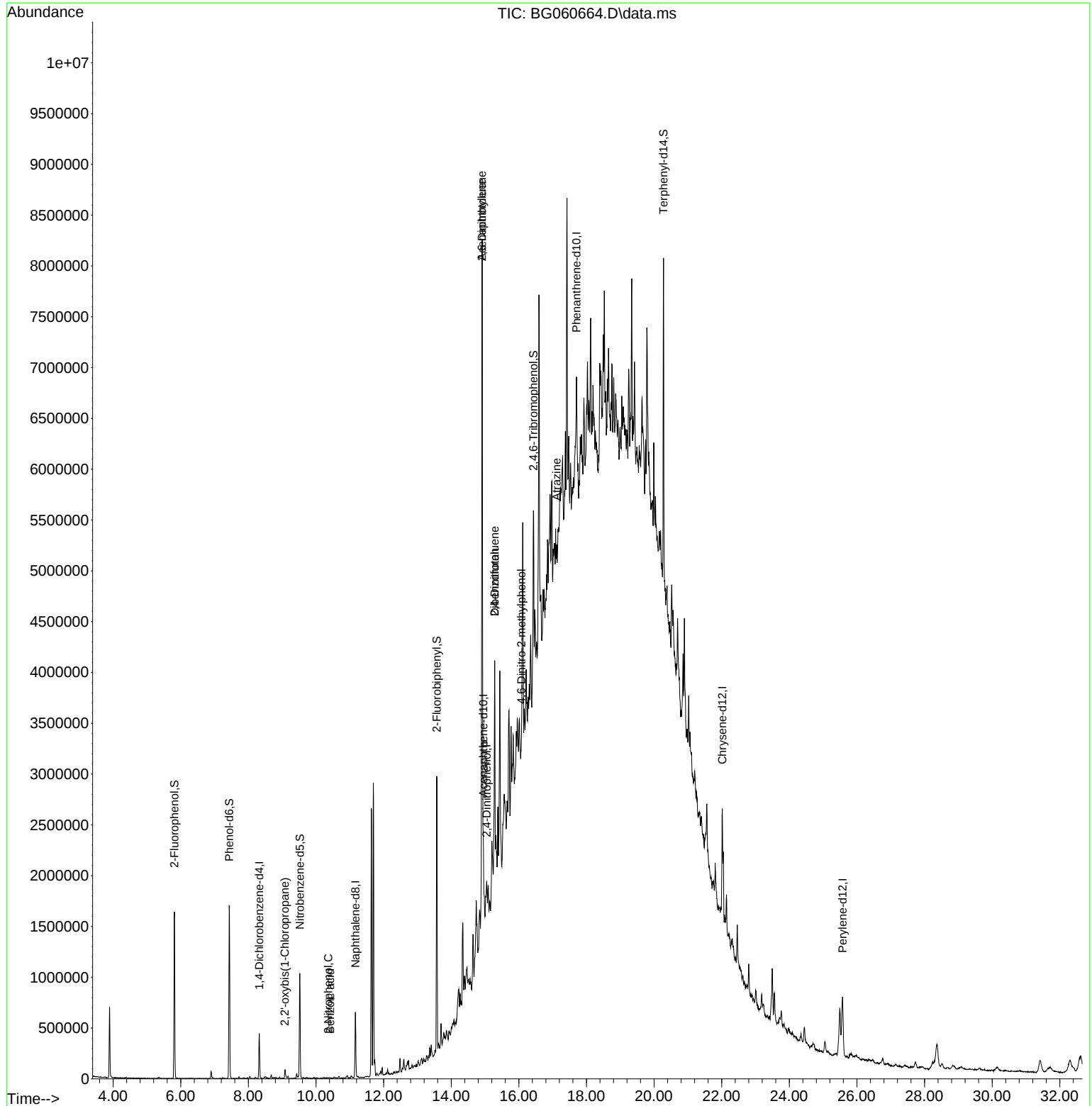
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	120724	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	517234	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	310006	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	547230	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	531105	20.000	ng	0.00
86) Perylene-d12	25.574	264	636689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	682156	88.826	ng	0.00
7) Phenol-d6	7.436	99	980906	88.051	ng	0.00
23) Nitrobenzene-d5	9.522	82	608552	61.232	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	332086	92.443	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	1406729	61.352	ng	0.00
79) Terphenyl-d14	20.280	244	1691351	57.563	ng	0.00
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	9.081	45	52510	3.035	ng	73
26) 2-Nitrophenol	10.362	139	100	2.260	ng	# 23
32) Benzoic acid	10.421	122	99	6.035	ng	# 1
49) Acenaphthylene	14.910	152	377567	13.033	ng	# 92
51) 2,6-Dinitrotoluene	14.910	165	712771	166.377	ng	# 32
54) 2,4-Dinitrophenol	15.051	184	959	7.244	ng	# 1
55) Dibenzofuran	15.286	168	86663	3.092	ng	# 80
57) 2,4-Dinitrotoluene	15.286	165	248937	46.191	ng	# 35
65) 4,6-Dinitro-2-methylph...	16.073	198	245	4.904	ng	# 1
69) Atrazine	17.119	200	11494	2.007	ng	# 5

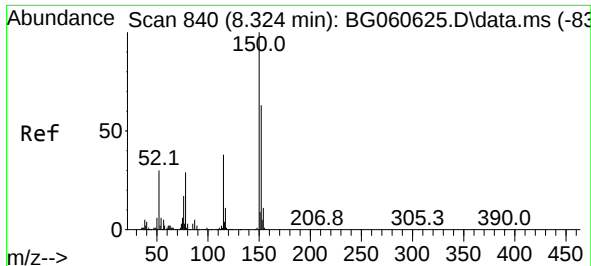
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
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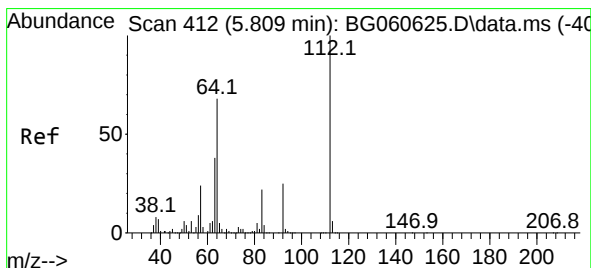
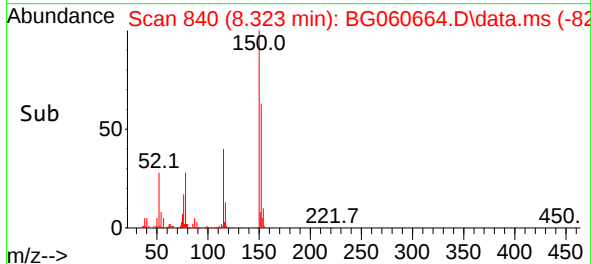
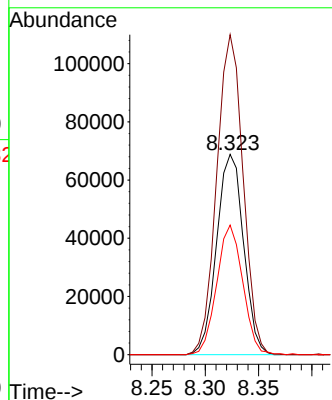
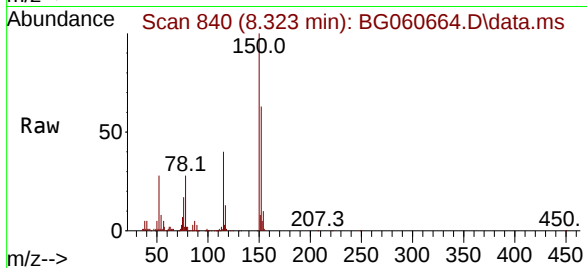




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.323 min Scan# 840
Delta R.T. -0.001 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

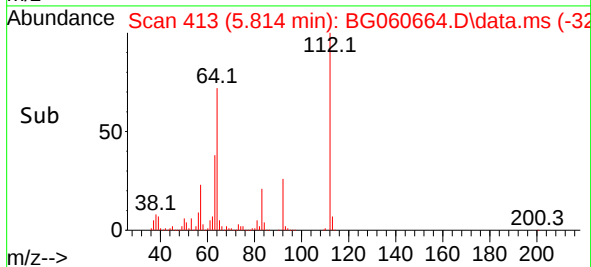
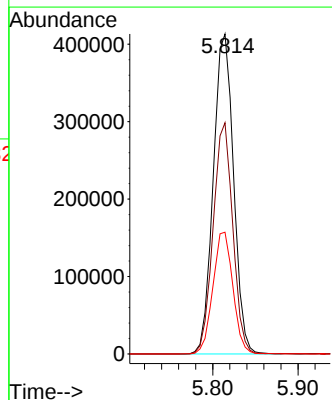
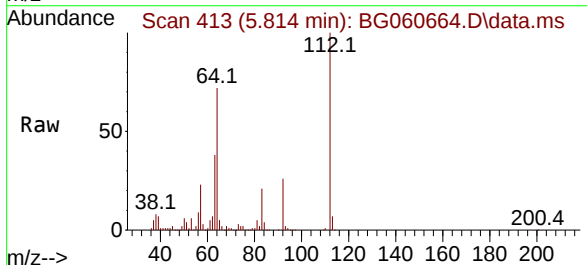
Instrument :
BNA_G
ClientSampleId :
COMP-2

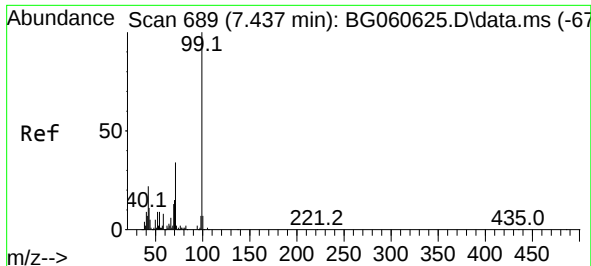
Tgt Ion:152 Resp: 120724
Ion Ratio Lower Upper
152 100
150 159.8 126.6 190.0
115 64.7 47.8 71.8



#5
2-Fluorophenol
Concen: 88.826 ng
RT: 5.814 min Scan# 413
Delta R.T. 0.005 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

Tgt Ion:112 Resp: 682156
Ion Ratio Lower Upper
112 100
64 72.3 54.1 81.1
63 38.1 30.3 45.5

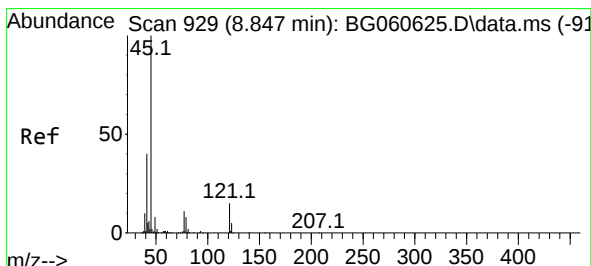
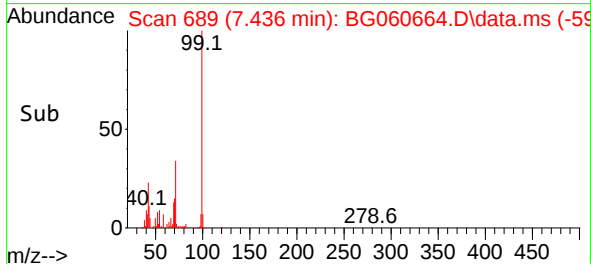
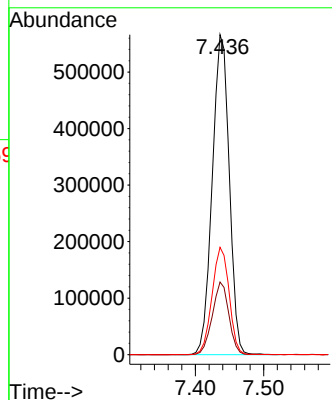
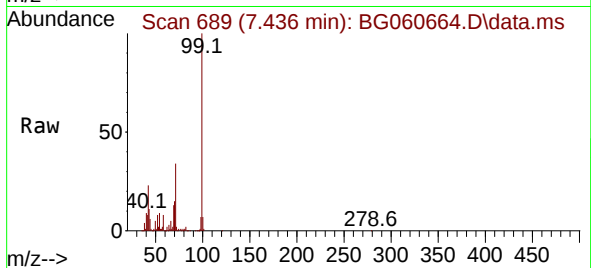




#7
Phenol-d6
Concen: 88.051 ng
RT: 7.436 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

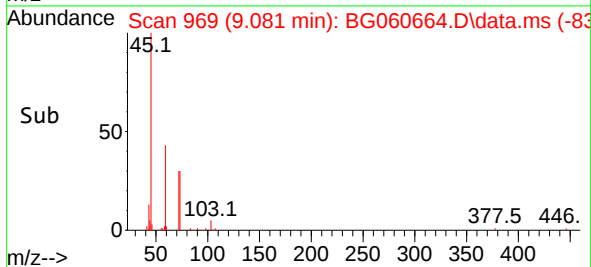
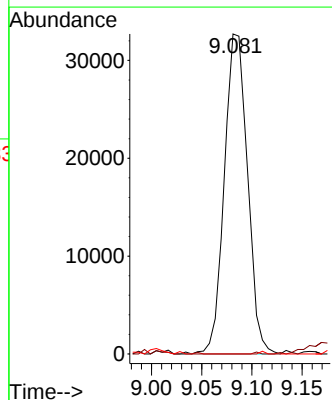
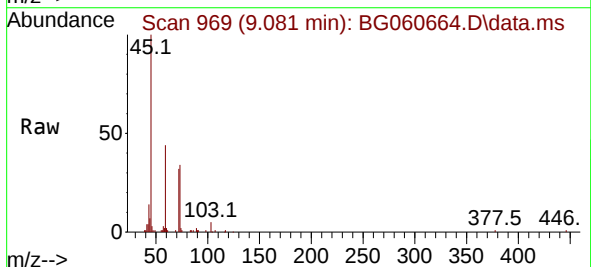
Instrument :
BNA_G
ClientSampleId :
COMP-2

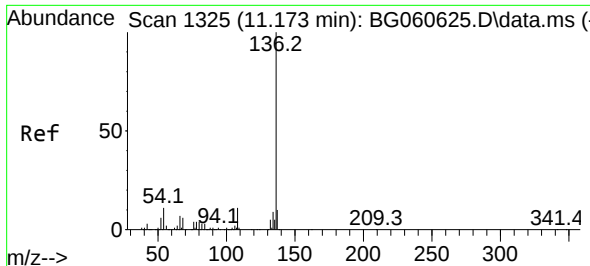
Tgt Ion: 99 Resp: 980906
Ion Ratio Lower Upper
99 100
42 22.7 17.5 26.3
71 33.6 27.4 41.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.035 ng
RT: 9.081 min Scan# 969
Delta R.T. 0.234 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 45 Resp: 52510
Ion Ratio Lower Upper
45 100
77 0.0 0.0 31.0
79 0.0 0.0 28.8

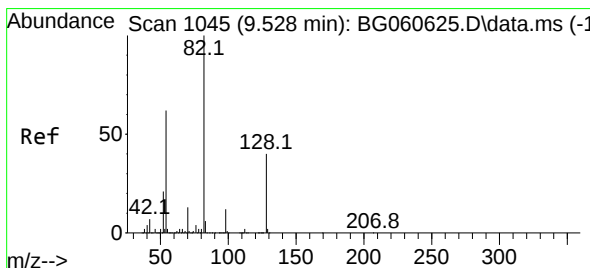
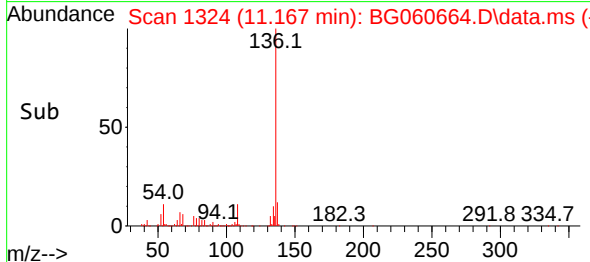
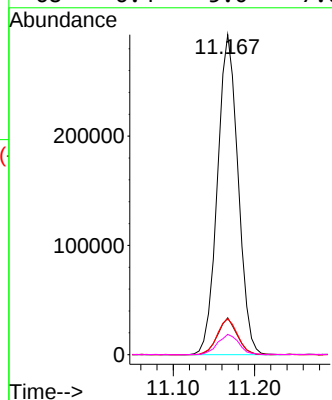
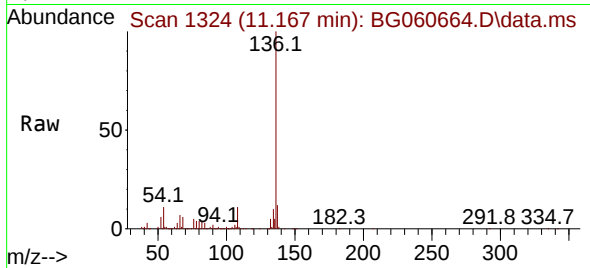




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

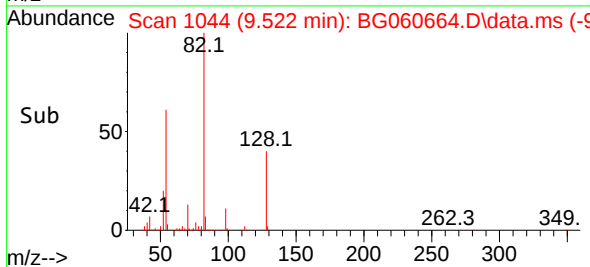
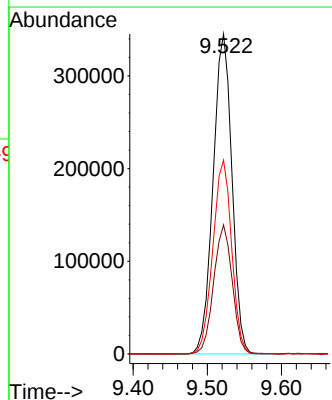
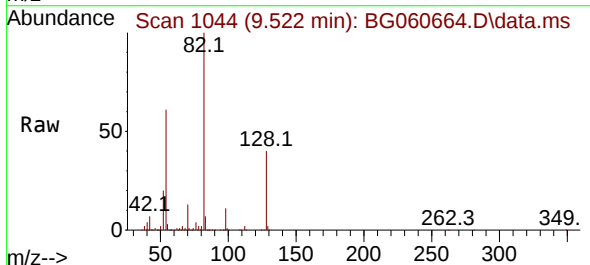
Instrument :
BNA_G
ClientSampleId :
COMP-2

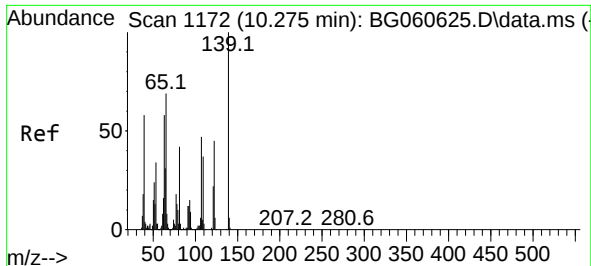
Tgt Ion:	136	Resp:	517234
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.4	12.6
54	11.2	8.5	12.7
68	6.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 61.232 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

Tgt Ion:	82	Resp:	608552
Ion Ratio	Lower	Upper	
82	100		
128	40.4	31.6	47.4
54	60.5	49.3	73.9

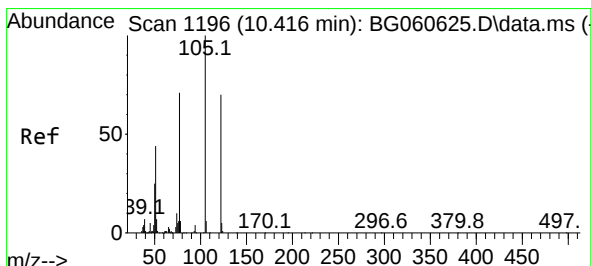
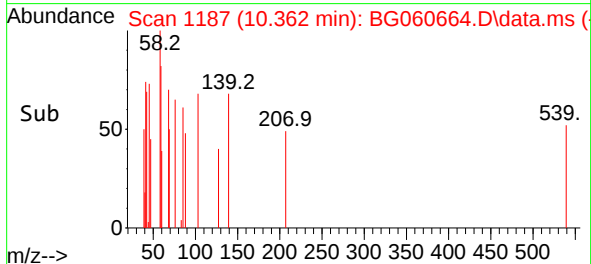
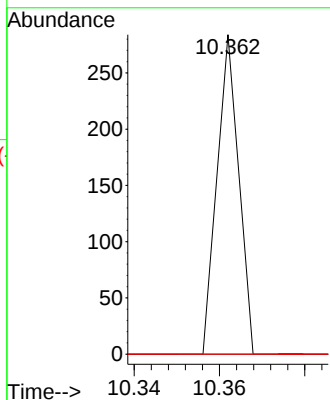
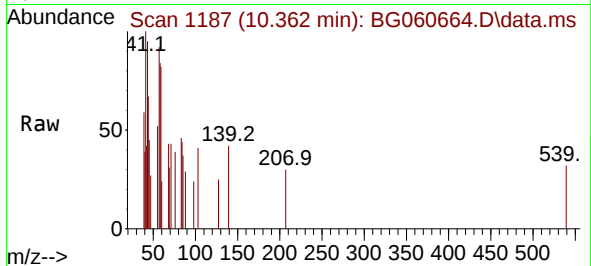




#26
2-Nitrophenol
Concen: 2.260 ng
RT: 10.362 min Scan# 1172
Delta R.T. 0.087 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

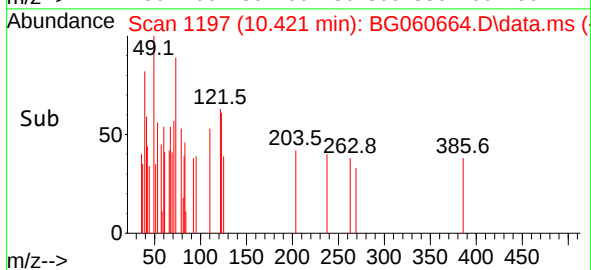
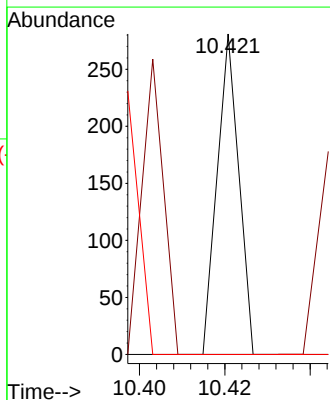
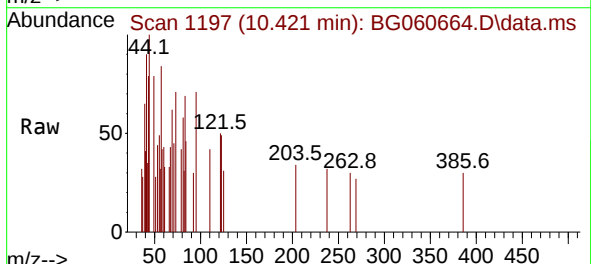
Instrument :
BNA_G
ClientSampleId :
COMP-2

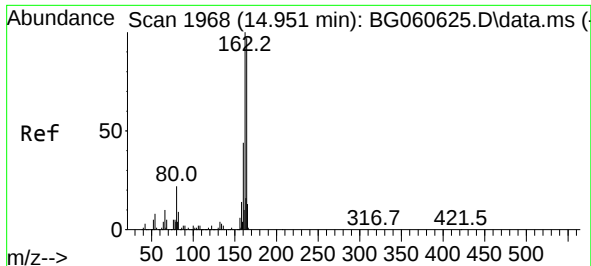
Tgt Ion:139 Resp: 100
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.035 ng
RT: 10.421 min Scan# 1197
Delta R.T. 0.005 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

Tgt Ion:122 Resp: 99
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#

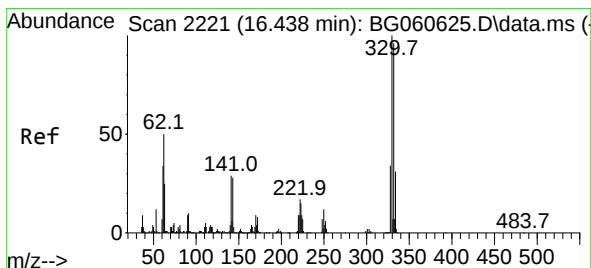
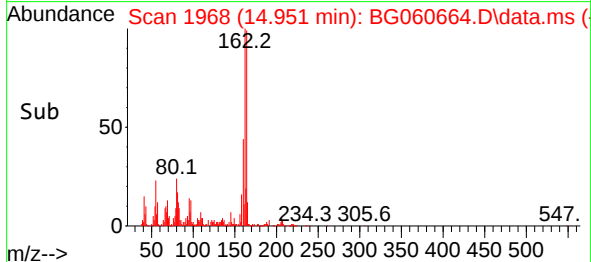
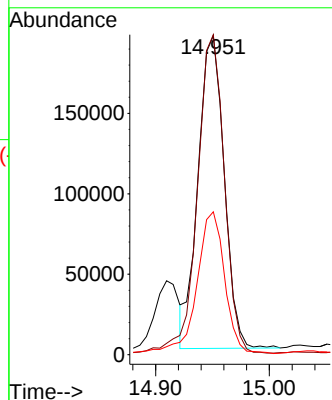
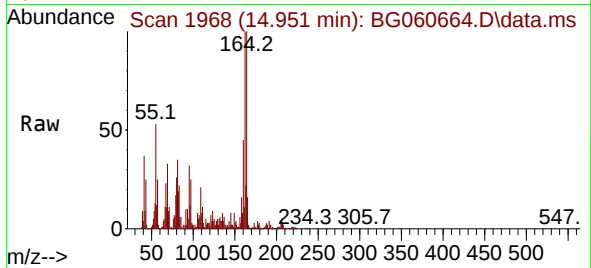




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

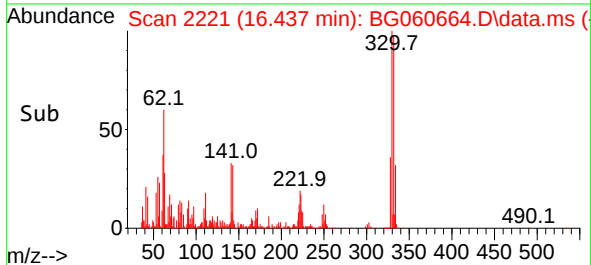
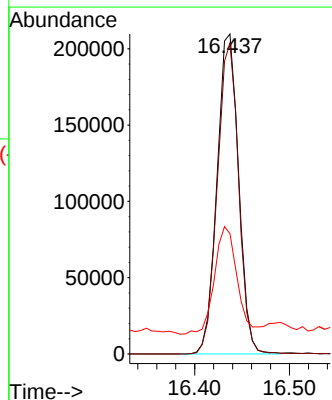
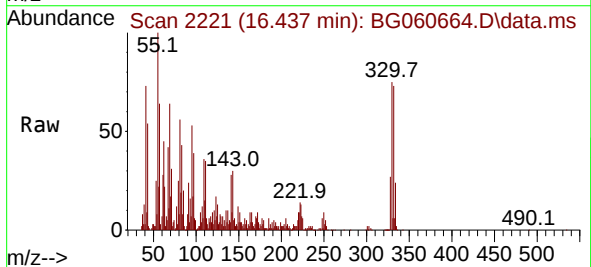
Instrument :
BNA_G
ClientSampleId :
COMP-2

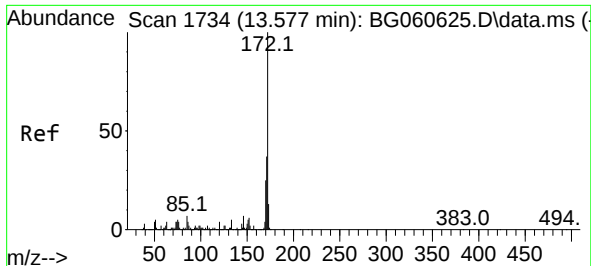
Tgt Ion:164 Resp: 310006
Ion Ratio Lower Upper
164 100
162 100.4 82.5 123.7
160 44.8 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 92.443 ng
RT: 16.437 min Scan# 2221
Delta R.T. -0.001 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

Tgt Ion:330 Resp: 332086
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 35.1 25.4 38.2

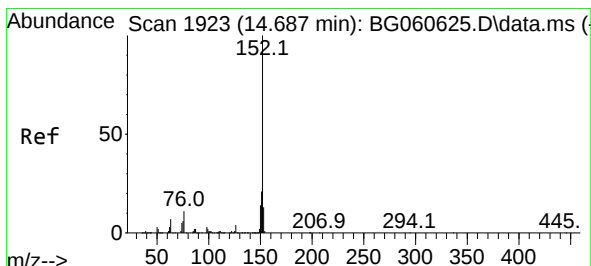
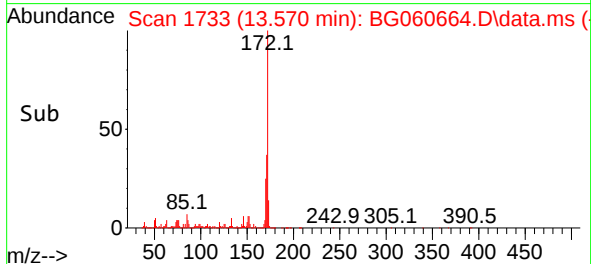
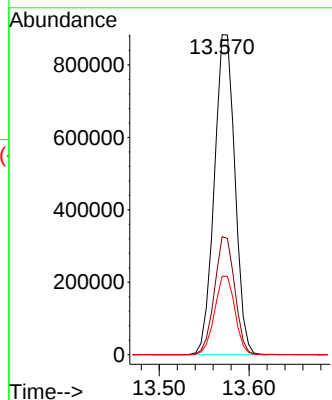
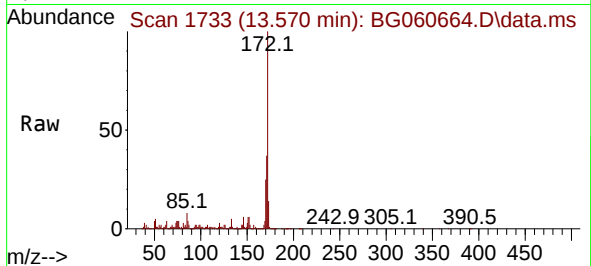




#45
2-Fluorobiphenyl
Concen: 61.352 ng
RT: 13.570 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

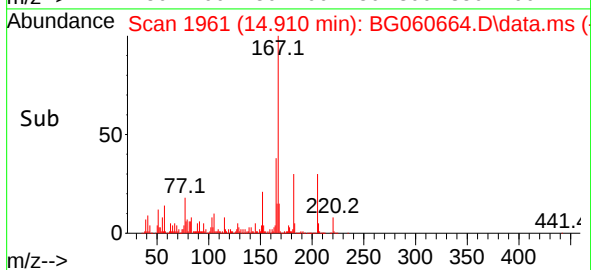
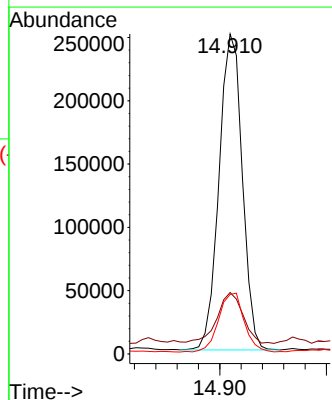
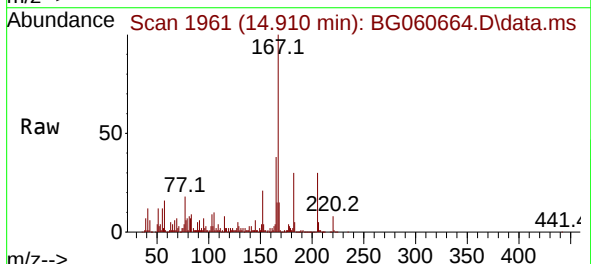
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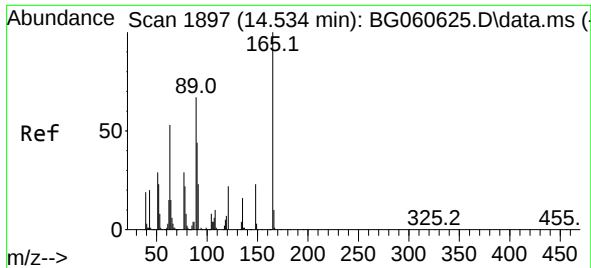
Tgt Ion:172 Resp: 1406729
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 24.5 19.8 29.6



#49
Acenaphthylene
Concen: 13.033 ng
RT: 14.910 min Scan# 1961
Delta R.T. 0.223 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

Tgt Ion:152 Resp: 377567
Ion Ratio Lower Upper
152 100
151 19.2 17.1 25.7
153 18.6 10.3 15.5#

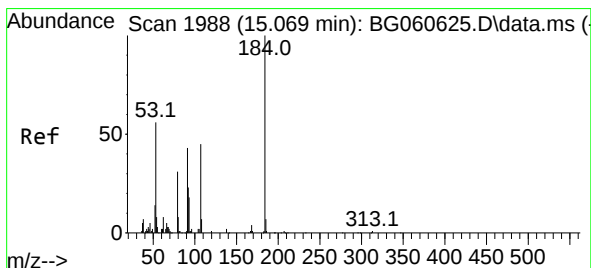
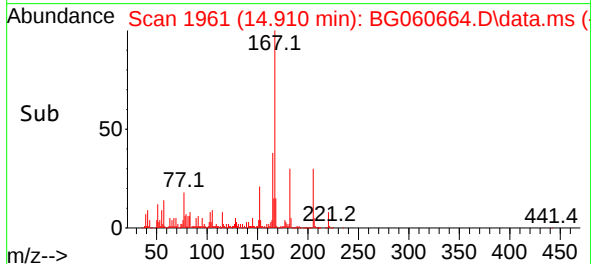
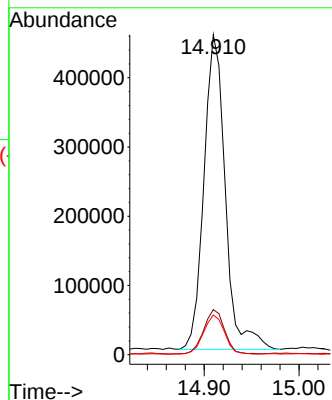
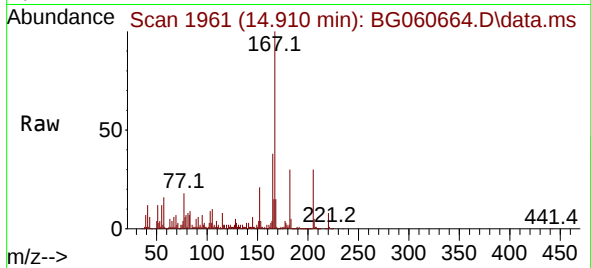




#51
2,6-Dinitrotoluene
Concen: 166.377 ng
RT: 14.910 min Scan# 1961
Delta R.T. 0.376 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

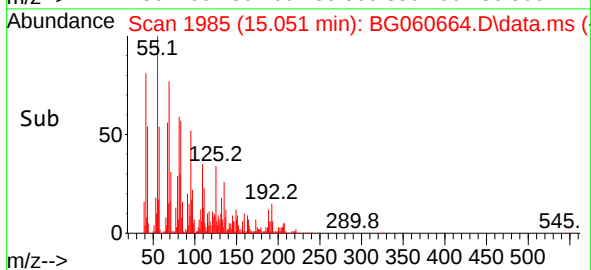
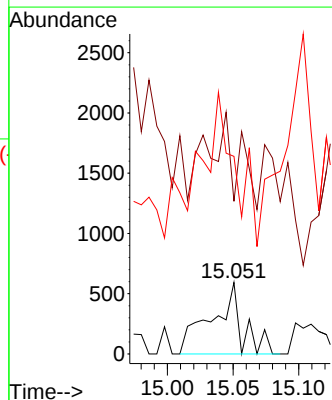
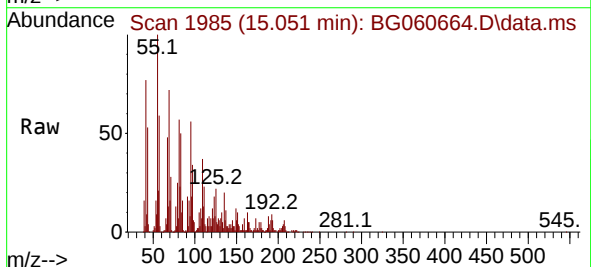
Instrument :
BNA_G
ClientSampleId :
COMP-2

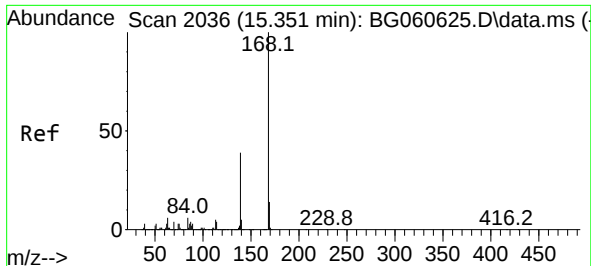
Tgt Ion:165 Resp: 712771
Ion Ratio Lower Upper
165 100
63 14.1 55.8 83.6#
89 12.4 54.1 81.1#



#54
2,4-Dinitrophenol
Concen: 7.244 ng
RT: 15.051 min Scan# 1985
Delta R.T. -0.018 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

Tgt Ion:184 Resp: 959
Ion Ratio Lower Upper
184 100
63 213.7 54.4 81.6#
154 276.6 50.4 75.6#

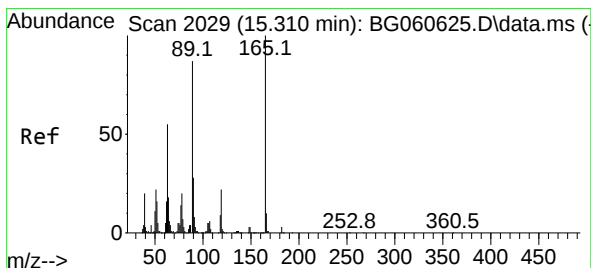
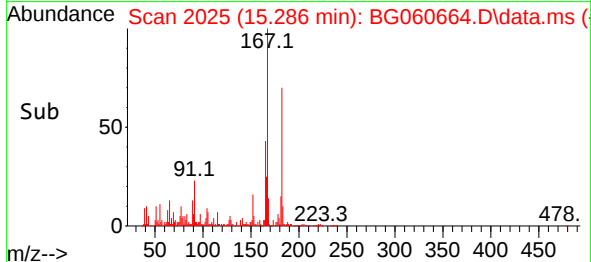
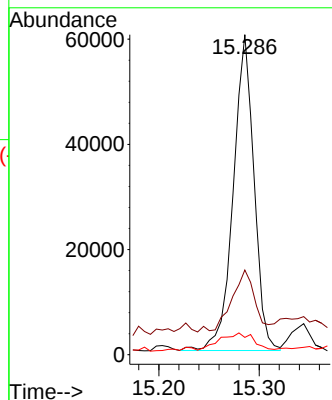
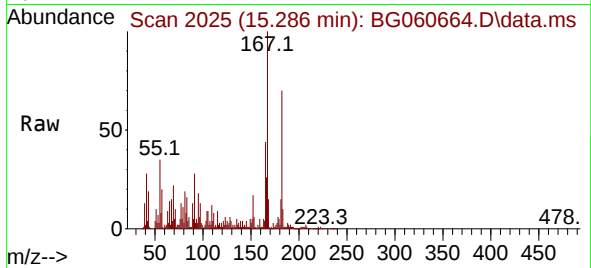




#55
Dibenzenofuran
Concen: 3.092 ng
RT: 15.286 min Scan# 2036
Delta R.T. -0.065 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

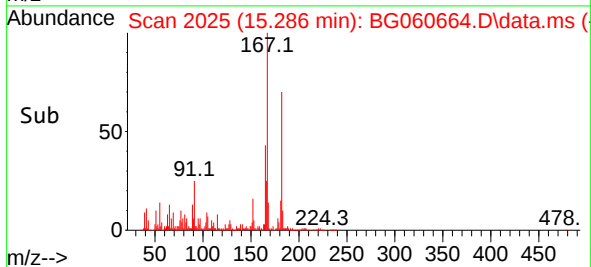
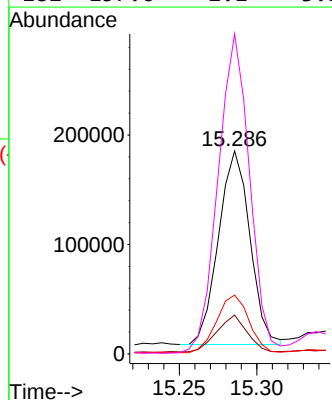
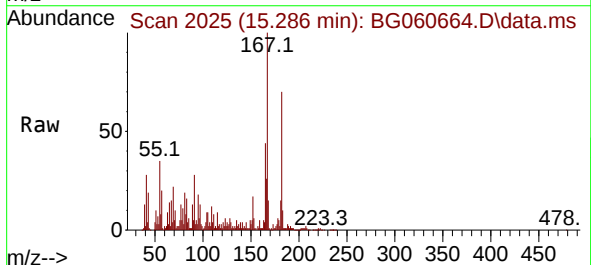
Instrument :
BNA_G
ClientSampleId :
COMP-2

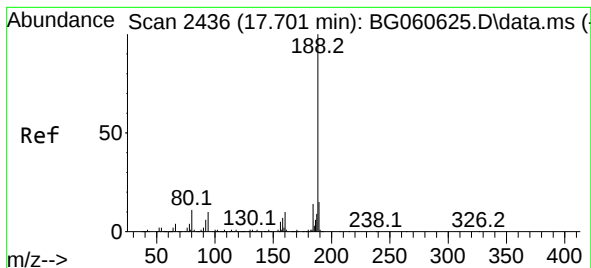
Tgt Ion:168 Resp: 86663
Ion Ratio Lower Upper
168 100
139 26.4 30.9 46.3#
169 5.4 10.9 16.3#



#57
2,4-Dinitrotoluene
Concen: 46.191 ng
RT: 15.286 min Scan# 2025
Delta R.T. -0.024 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

Tgt Ion:165 Resp: 248937
Ion Ratio Lower Upper
165 100
63 19.2 44.1 66.1#
89 29.0 69.7 104.5#
182 157.6 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.706 min Scan# 2437

Delta R.T. 0.005 min

Lab File: BG060664.D

Acq: 15 Mar 2024 14:27

Instrument :

BNA_G

ClientSampleId :

COMP-2

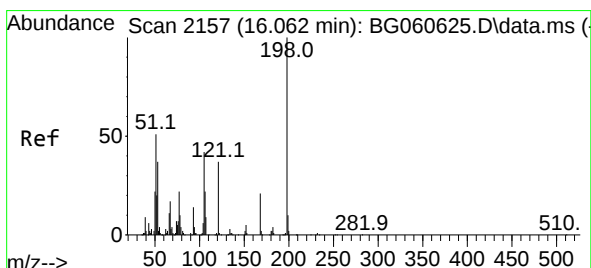
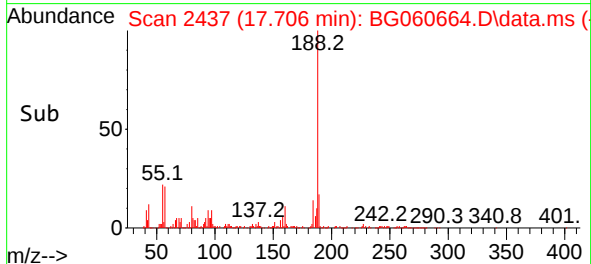
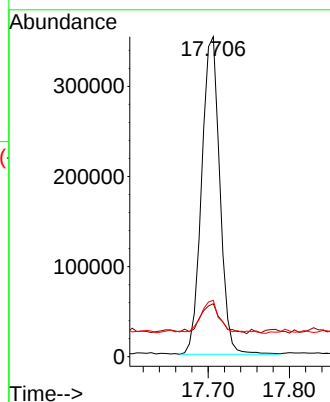
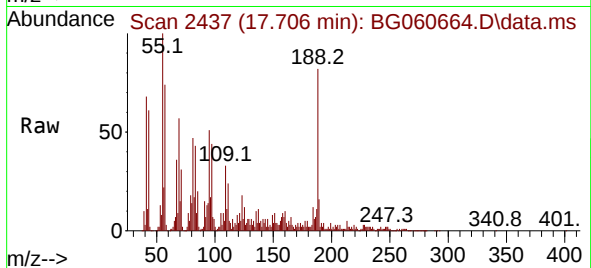
Tgt Ion:188 Resp: 547230

Ion Ratio Lower Upper

188 100

94 16.6 7.9 11.9#

80 17.6 8.6 13.0#



#65

4,6-Dinitro-2-methylphenol

Concen: 4.904 ng

RT: 16.073 min Scan# 2159

Delta R.T. 0.011 min

Lab File: BG060664.D

Acq: 15 Mar 2024 14:27

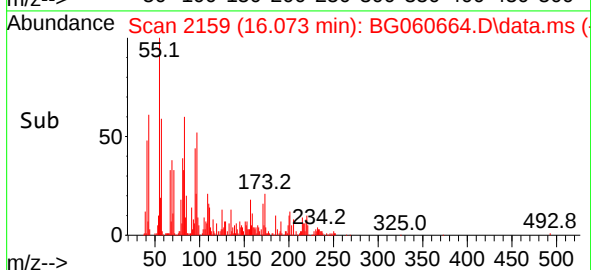
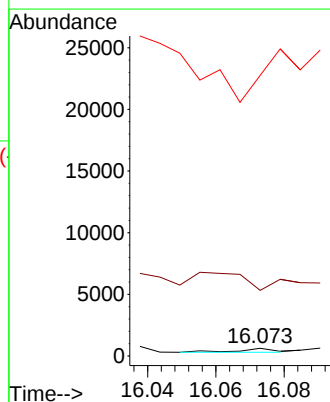
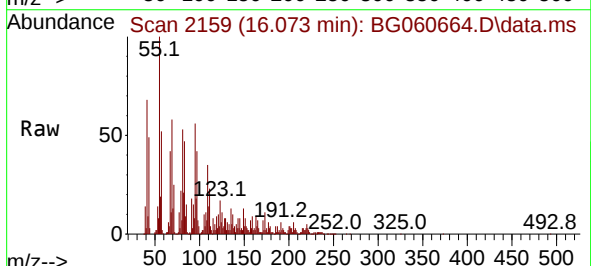
Tgt Ion:198 Resp: 245

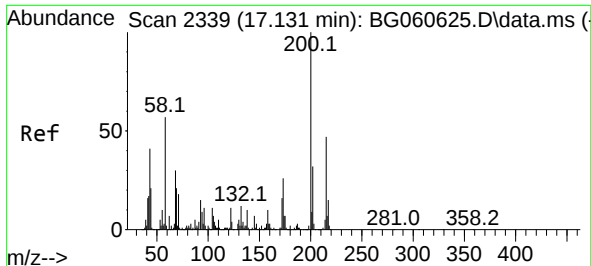
Ion Ratio Lower Upper

198 100

51 855.8 36.9 76.9#

105 3660.5 22.4 62.4#

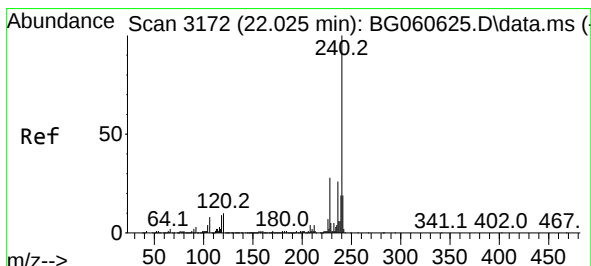
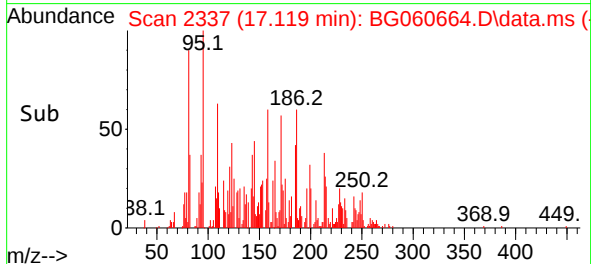
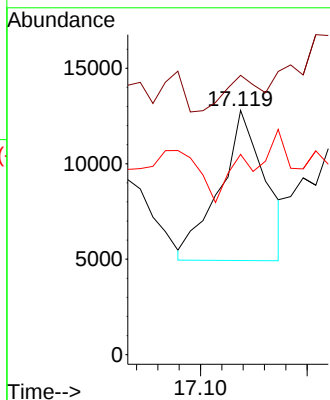
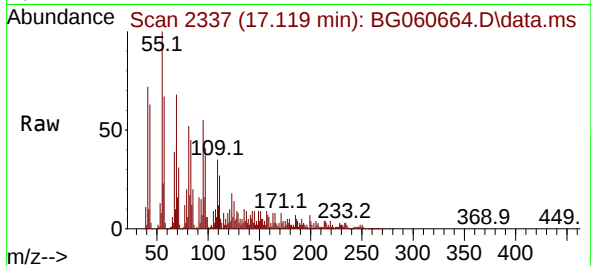




#69
Atrazine
Concen: 2.007 ng
RT: 17.119 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

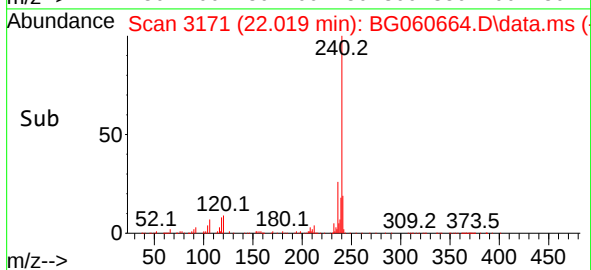
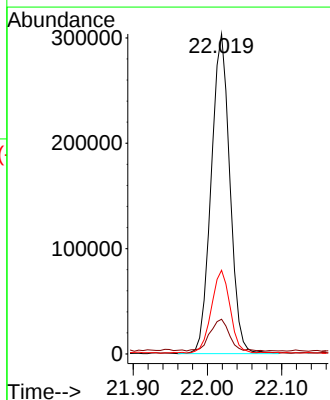
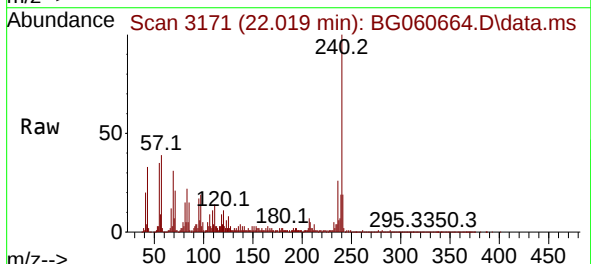
Instrument :
BNA_G
ClientSampleId :
COMP-2

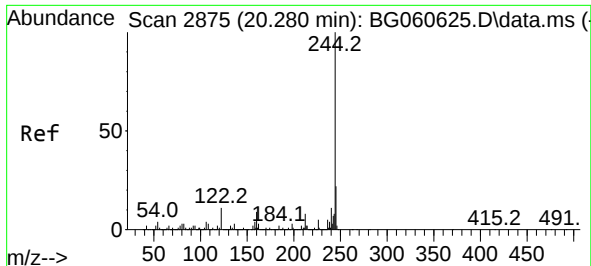
Tgt Ion:200 Resp: 11494
Ion Ratio Lower Upper
200 100
173 114.3 5.7 45.7#
215 82.0 27.1 67.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3171
Delta R.T. -0.007 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

Tgt Ion:240 Resp: 531105
Ion Ratio Lower Upper
240 100
120 10.9 7.8 11.8
236 26.2 20.6 31.0

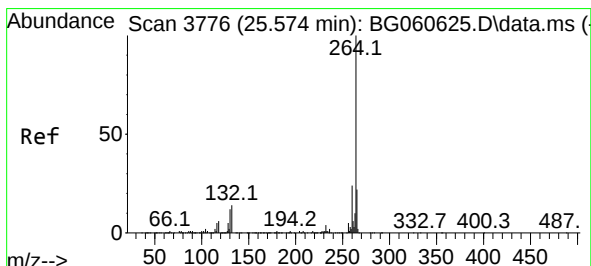
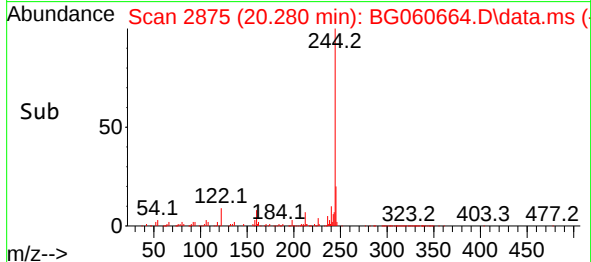
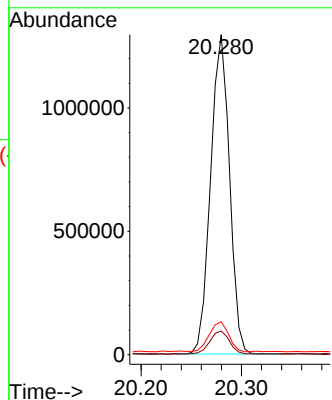
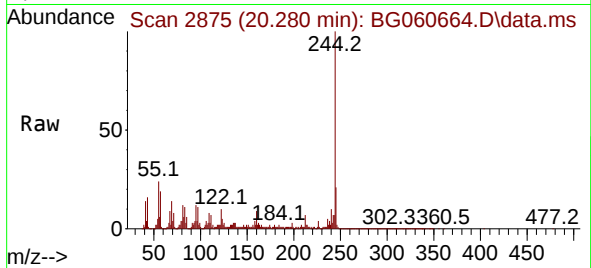




#79
 Terphenyl-d14
 Concen: 57.563 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060664.D
 Acq: 15 Mar 2024 14:27

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Tgt Ion:244 Resp: 1691351
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.6 9.8
 122 10.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.574 min Scan# 3776
 Delta R.T. -0.001 min
 Lab File: BG060664.D
 Acq: 15 Mar 2024 14:27

Tgt Ion:264 Resp: 636689
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.2 18.1 27.1

