

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060635.D
 Acq On : 14 Mar 2024 12:28
 Operator : MA/JU
 Sample : PB159530TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159530TB

Quant Time: Mar 14 14:06:09 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)

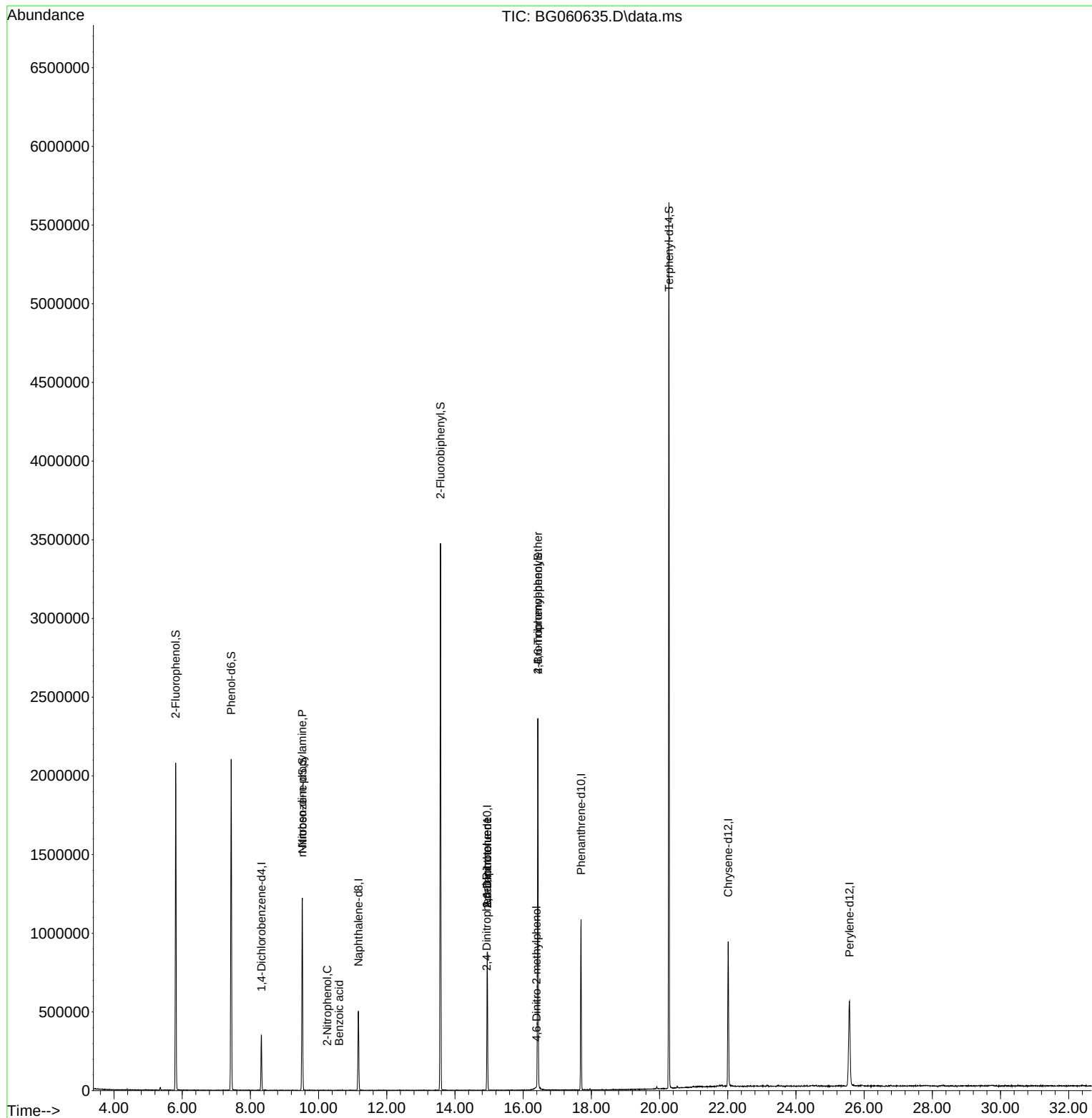
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.325	152	92511	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	421195	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	296205	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	661407	20.000	ng	0.00
76) Chrysene-d12	22.015	240	577301	20.000	ng	-0.01
86) Perylene-d12	25.570	264	650037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	845653	143.697	ng	0.00
7) Phenol-d6	7.438	99	1185631	138.885	ng	0.00
23) Nitrobenzene-d5	9.524	82	710236	87.758	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	452326	131.781	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	1822966	83.210	ng	0.00
79) Terphenyl-d14	20.276	244	2725525	85.337	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.518	70	91204	15.413	ng	# 82
26) 2-Nitrophenol	10.252	139	71	2.257	ng	# 23
32) Benzoic acid	10.605	122	71	6.034	ng	# 1
51) 2,6-Dinitrotoluene	14.947	165	37076	9.058	ng	# 18
54) 2,4-Dinitrophenol	14.935	184	65	6.872	ng	# 1
57) 2,4-Dinitrotoluene	14.947	165	37076	7.200	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.392	198	307	4.907	ng	# 87
67) 4-Bromophenyl-phenylether	16.433	248	28831	4.042	ng	# 1

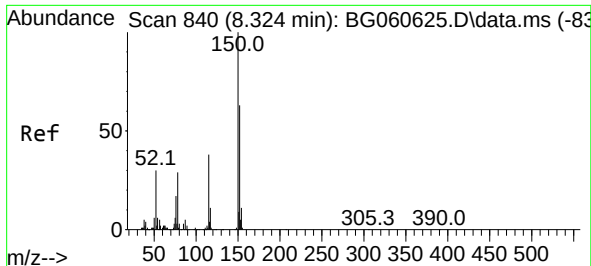
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060635.D
Acq On : 14 Mar 2024 12:28
Operator : MA/JU
Sample : PB159530TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB159530TB

Quant Time: Mar 14 14:06:09 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

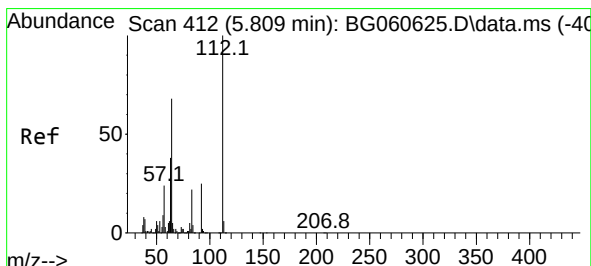
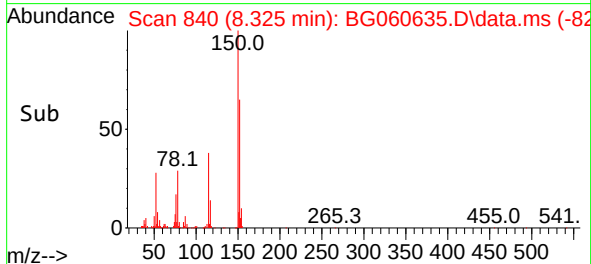
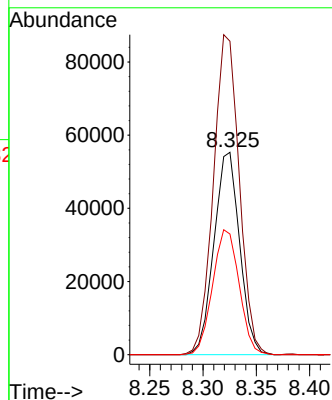
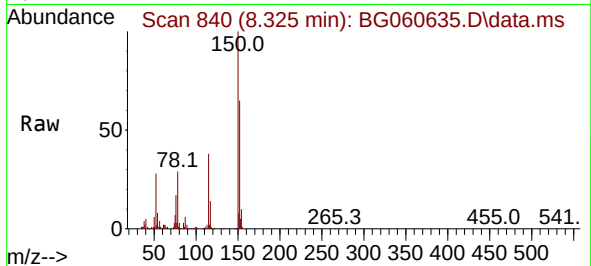




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.325 min Scan# 840
Delta R.T. 0.001 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

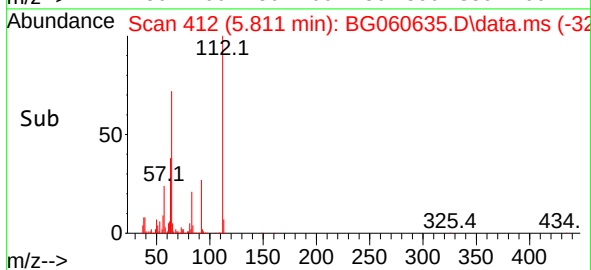
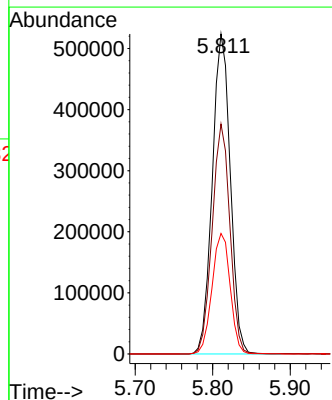
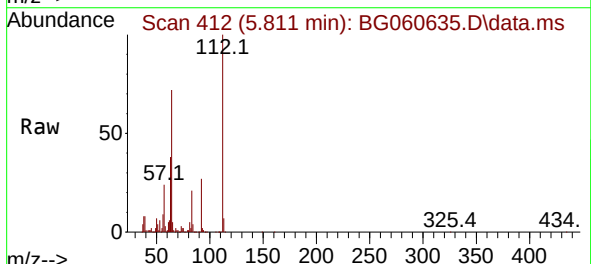
Instrument :
BNA_G
ClientSampleId :
PB159530TB

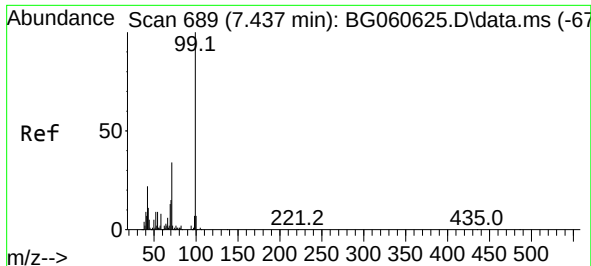
Tgt Ion:152 Resp: 92511
Ion Ratio Lower Upper
152 100
150 154.8 126.6 190.0
115 59.6 47.8 71.8



#5
2-Fluorophenol
Concen: 143.697 ng
RT: 5.811 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

Tgt Ion:112 Resp: 845653
Ion Ratio Lower Upper
112 100
64 71.9 54.1 81.1
63 37.7 30.3 45.5

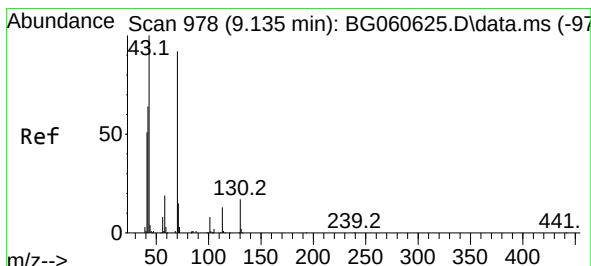
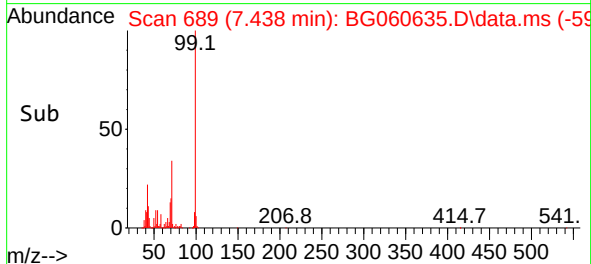
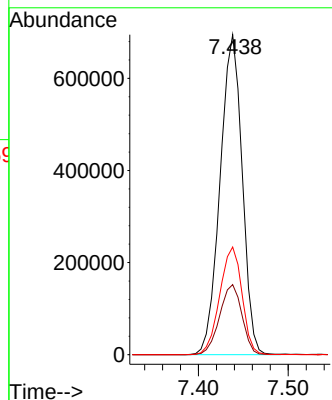
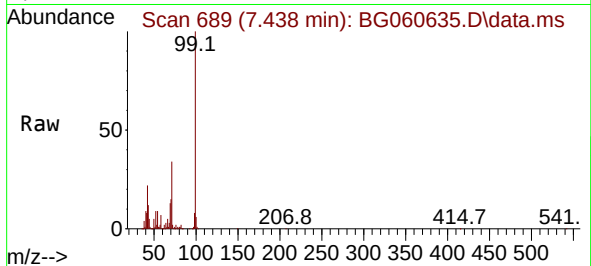




#7
Phenol-d6
Concen: 138.885 ng
RT: 7.438 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

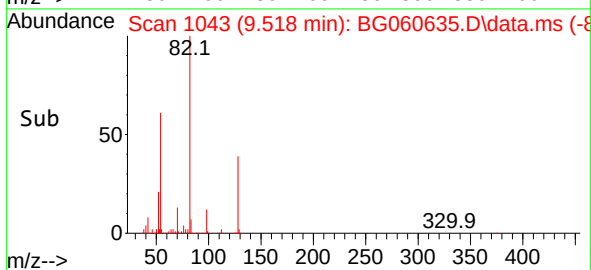
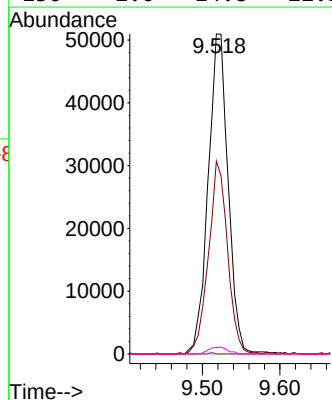
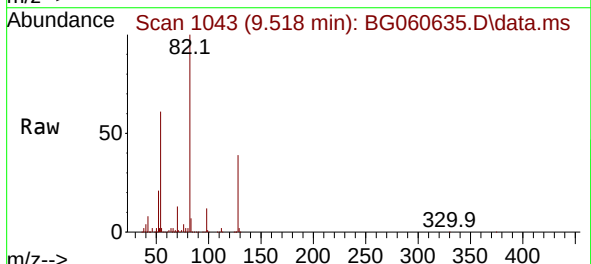
Instrument :
BNA_G
ClientSampleId :
PB159530TB

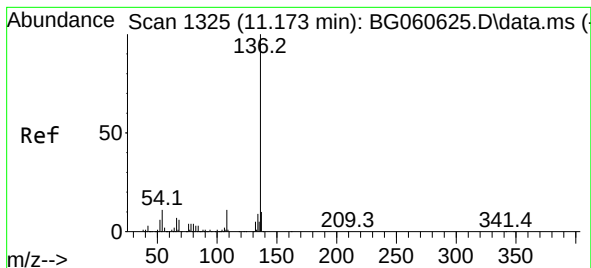
Tgt Ion: 99 Resp: 1185631
Ion Ratio Lower Upper
99 100
42 21.9 17.5 26.3
71 33.6 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.413 ng
RT: 9.518 min Scan# 1043
Delta R.T. 0.383 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

Tgt Ion: 70 Resp: 91204
Ion Ratio Lower Upper
70 100
42 60.3 56.2 84.2
101 0.0 7.4 11.0#
130 2.0 14.8 22.2#

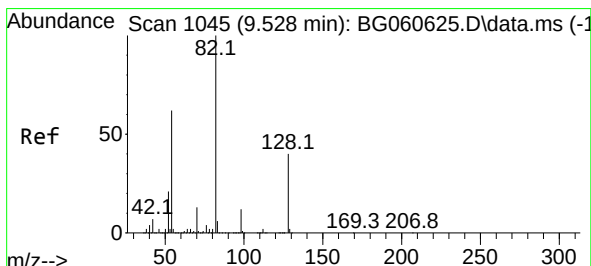
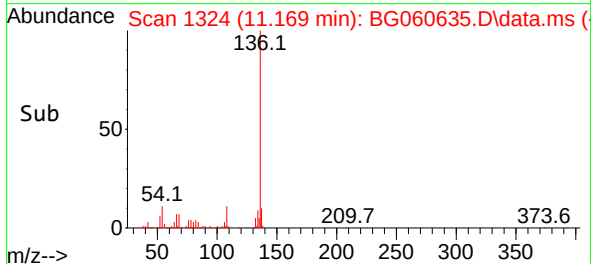
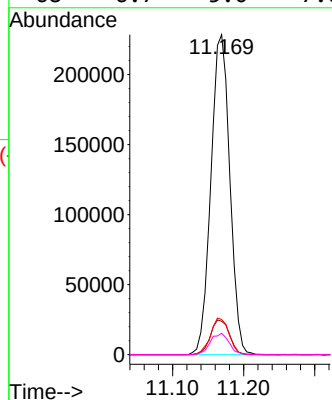
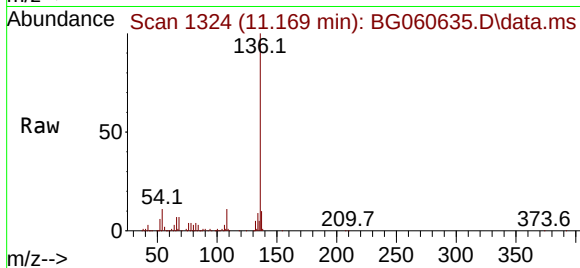




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

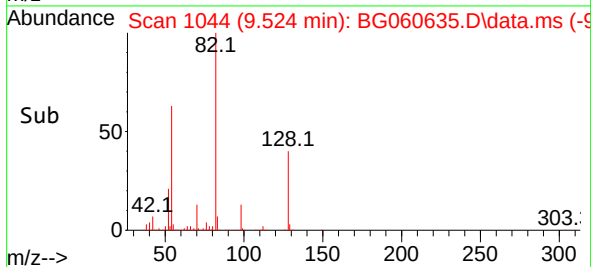
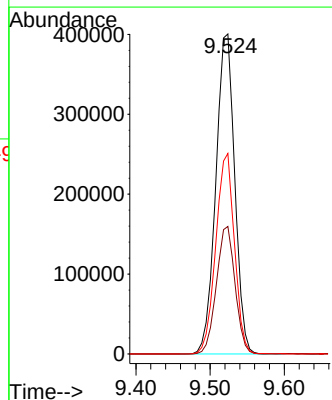
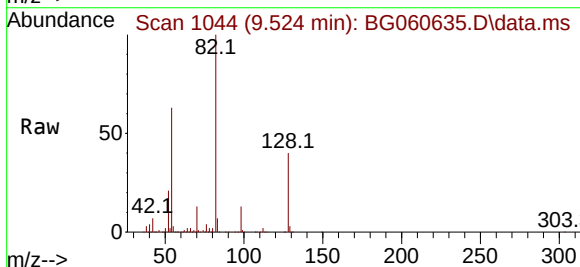
Instrument :
BNA_G
ClientSampleId :
PB159530TB

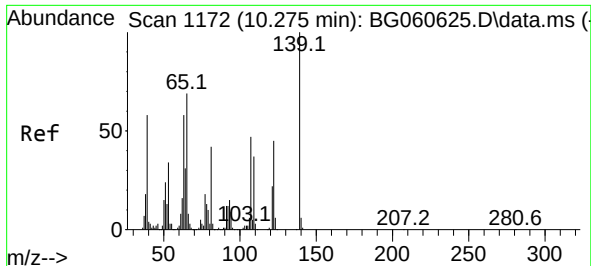
Tgt Ion:136 Resp: 421195
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 11.0 8.5 12.7
68 6.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 87.758 ng
RT: 9.524 min Scan# 1044
Delta R.T. -0.004 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

Tgt Ion: 82 Resp: 710236
Ion Ratio Lower Upper
82 100
128 39.9 31.6 47.4
54 62.7 49.3 73.9

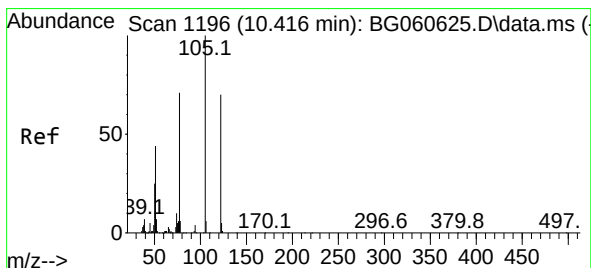
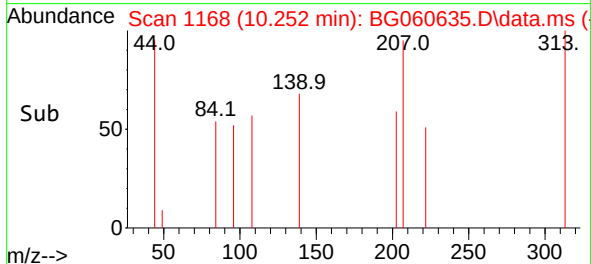
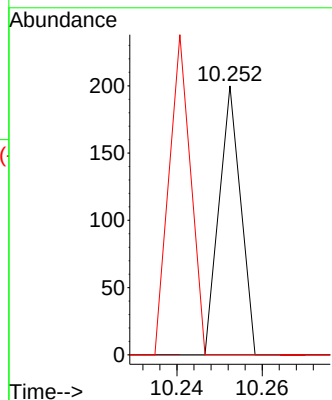
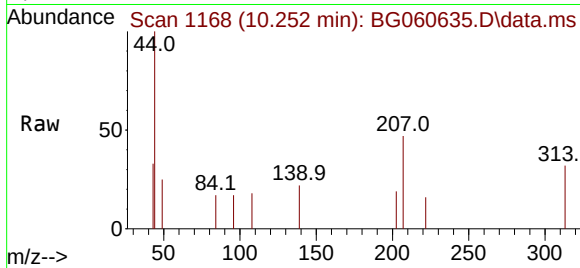




#26
2-Nitrophenol
Concen: 2.257 ng
RT: 10.252 min Scan# 1172
Delta R.T. -0.023 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

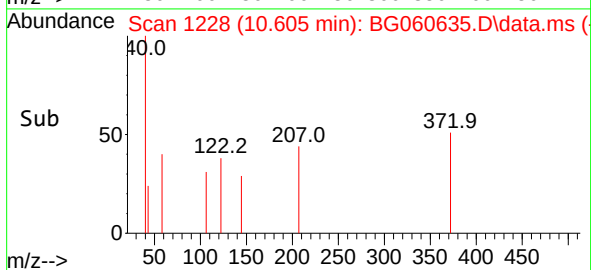
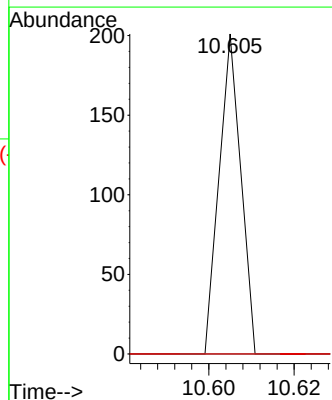
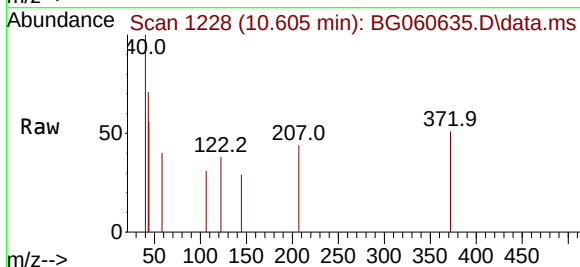
Instrument :
BNA_G
ClientSampleId :
PB159530TB

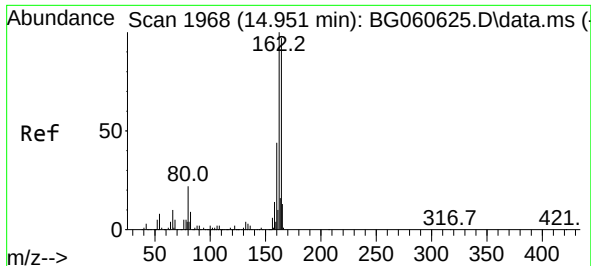
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	29.5	44.3#
65	0.0	55.0	82.4#



#32
Benzoic acid
Concen: 6.034 ng
RT: 10.605 min Scan# 1228
Delta R.T. 0.189 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

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

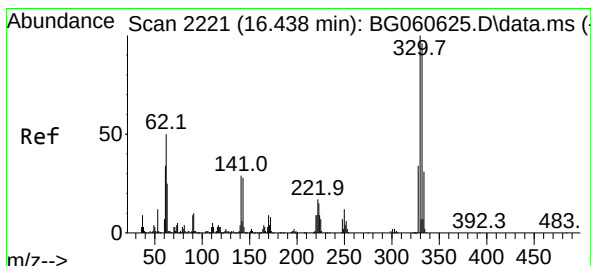
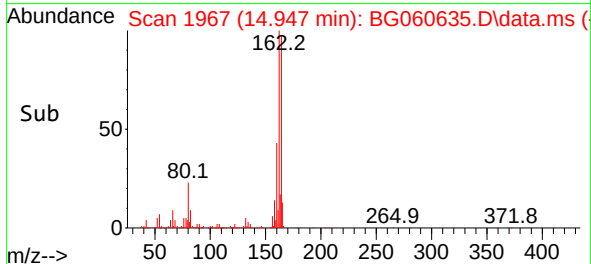
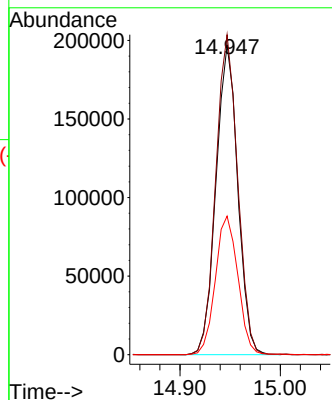
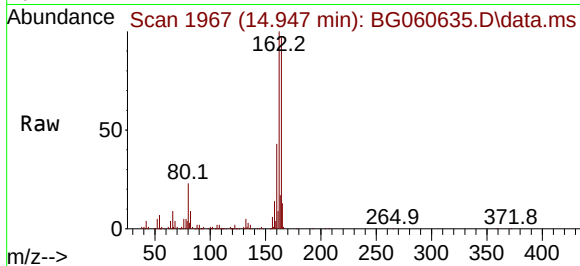




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.004 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

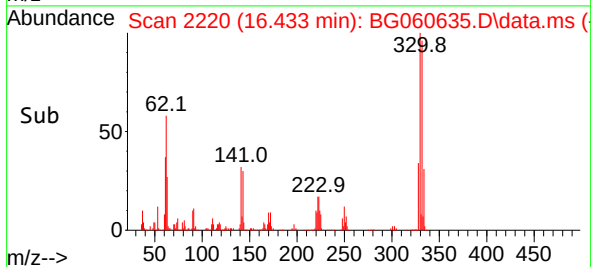
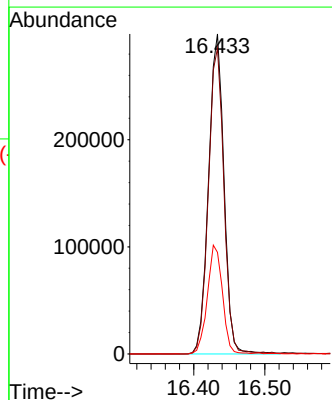
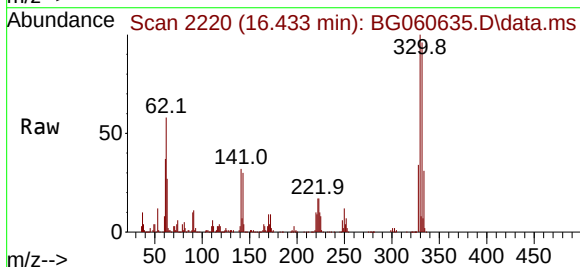
Instrument :
BNA_G
ClientSampleId :
PB159530TB

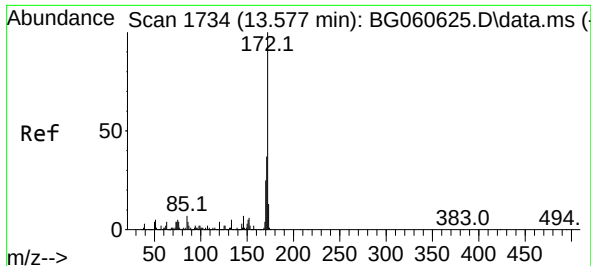
Tgt Ion:164 Resp: 296205
Ion Ratio Lower Upper
164 100
162 103.3 82.5 123.7
160 44.7 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 131.781 ng
RT: 16.433 min Scan# 2220
Delta R.T. -0.004 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

Tgt Ion:330 Resp: 452326
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 33.2 25.4 38.2

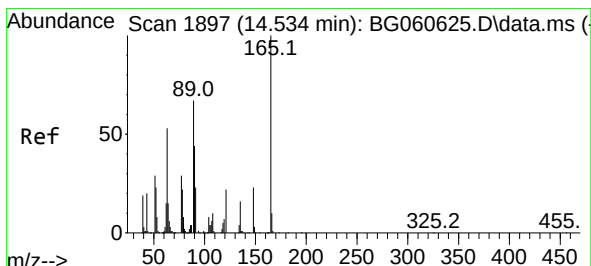
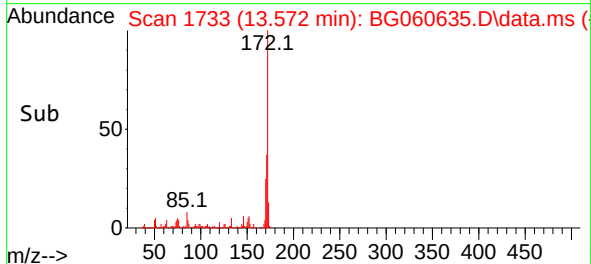
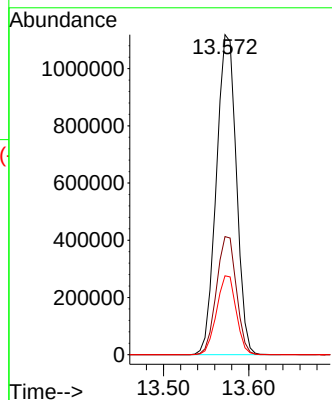
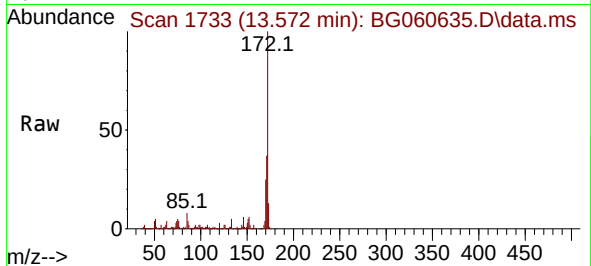




#45
2-Fluorobiphenyl
Concen: 83.210 ng
RT: 13.572 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

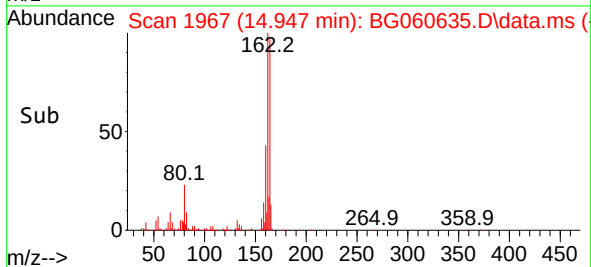
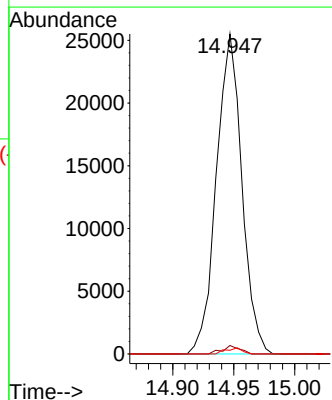
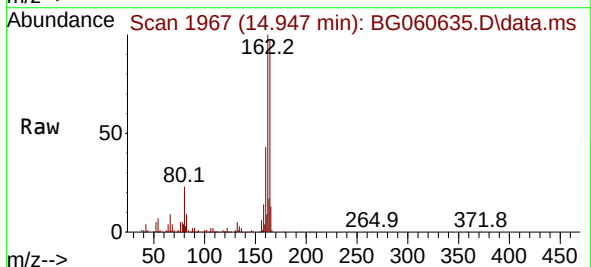
Instrument :
BNA_G
ClientSampleId :
PB159530TB

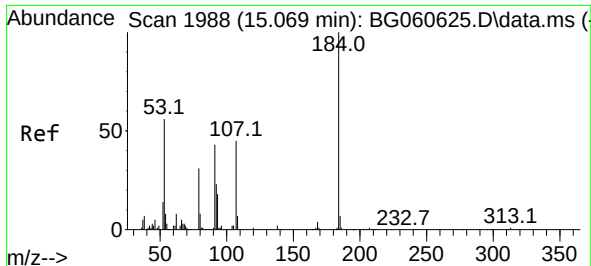
Tgt Ion:172 Resp: 1822966
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 24.7 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.058 ng
RT: 14.947 min Scan# 1967
Delta R.T. 0.413 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

Tgt Ion:165 Resp: 37076
Ion Ratio Lower Upper
165 100
63 2.7 55.8 83.6#
89 1.1 54.1 81.1#

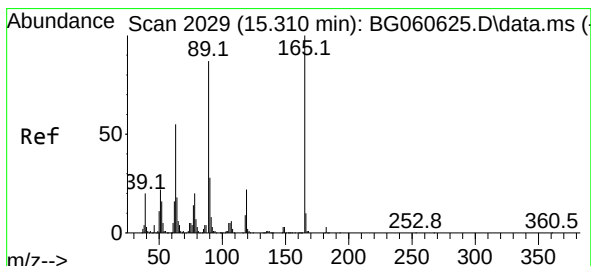
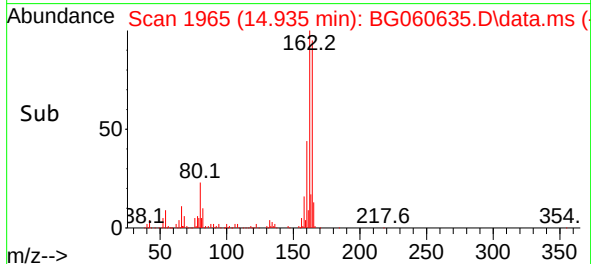
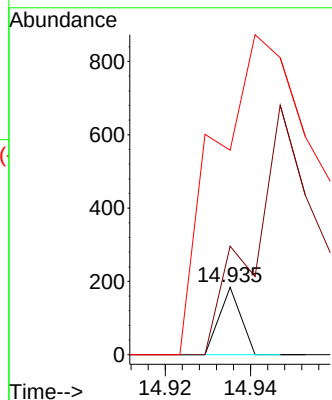
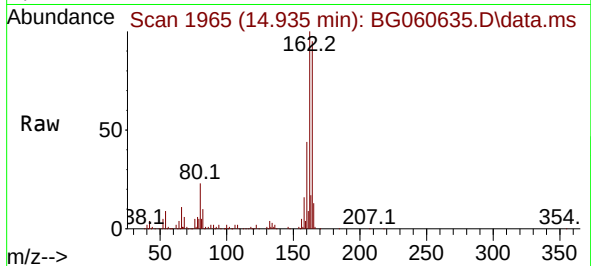




#54
2,4-Dinitrophenol
Concen: 6.872 ng
RT: 14.935 min Scan# 1988
Delta R.T. -0.134 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

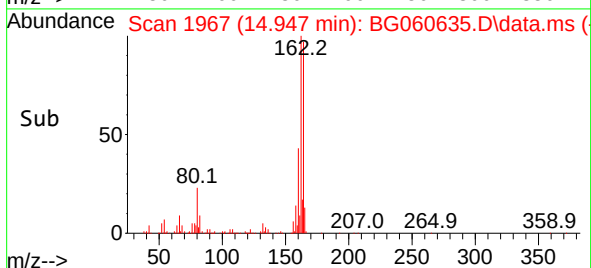
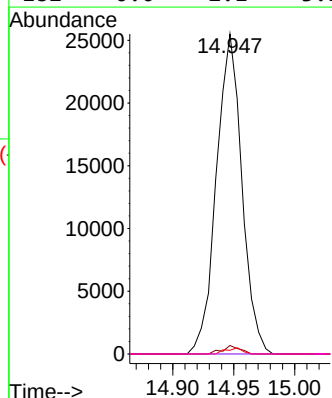
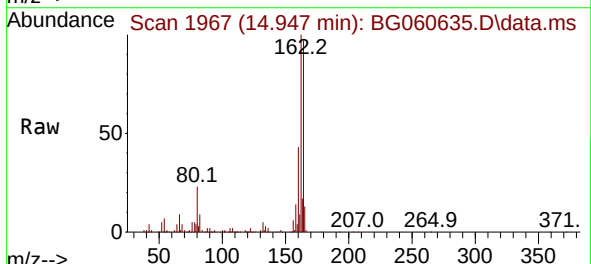
Instrument :
BNA_G
ClientSampleId :
PB159530TB

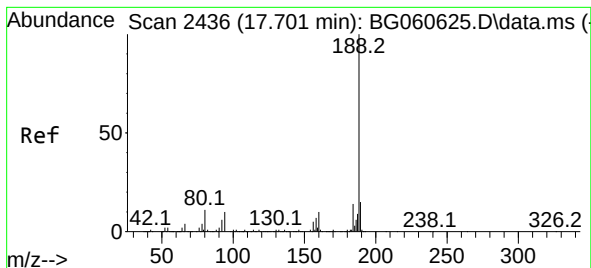
Tgt Ion:184 Resp: 65
Ion Ratio Lower Upper
184 100
63 160.9 54.4 81.6#
154 303.3 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.200 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.363 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

Tgt Ion:165 Resp: 37076
Ion Ratio Lower Upper
165 100
63 2.7 44.1 66.1#
89 1.1 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: BG060635.D

Acq: 14 Mar 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB159530TB

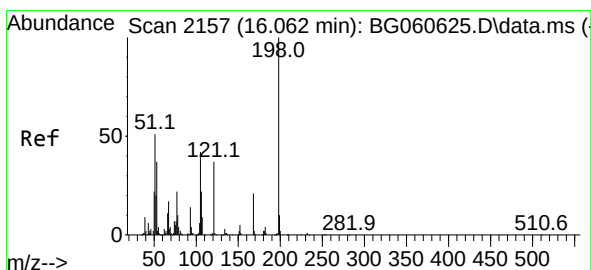
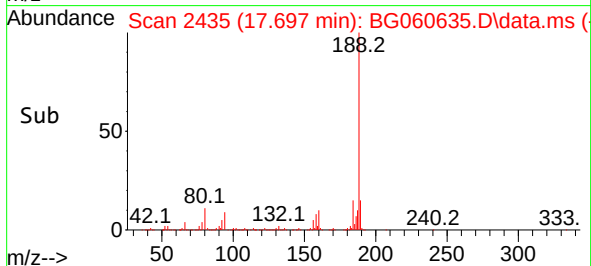
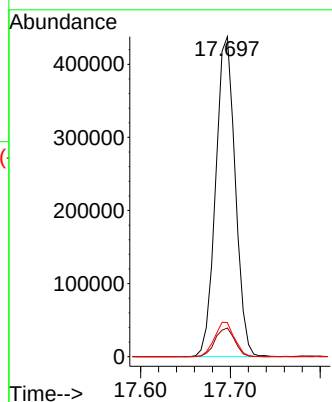
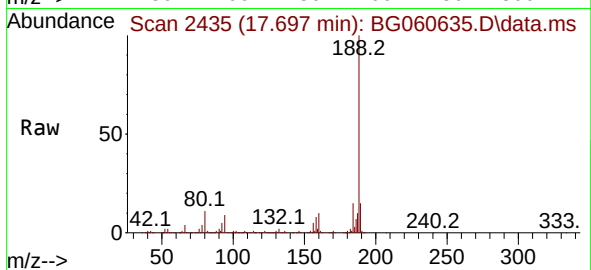
Tgt Ion:188 Resp: 661407

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

80 10.6 8.6 13.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.907 ng

RT: 16.392 min Scan# 2213

Delta R.T. 0.330 min

Lab File: BG060635.D

Acq: 14 Mar 2024 12:28

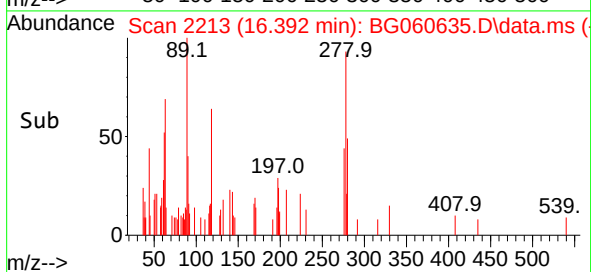
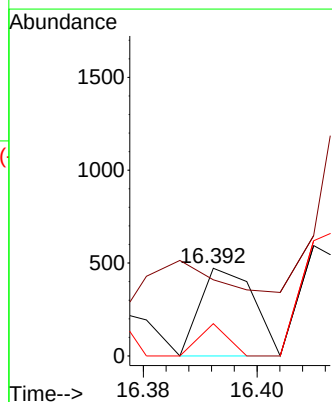
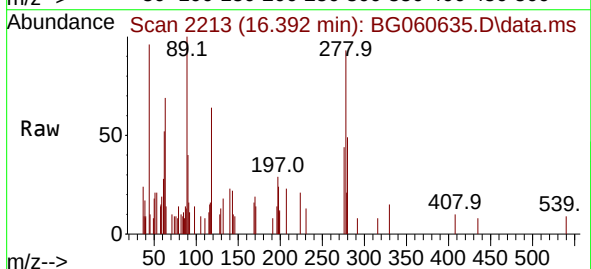
Tgt Ion:198 Resp: 307

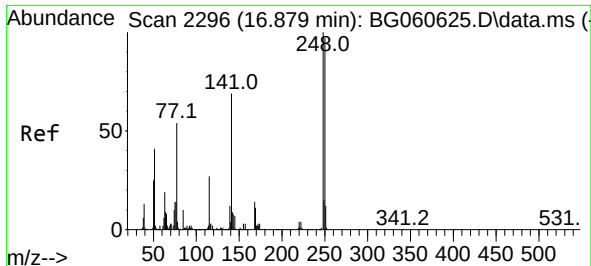
Ion Ratio Lower Upper

198 100

51 59.2 36.9 76.9

105 25.1 22.4 62.4

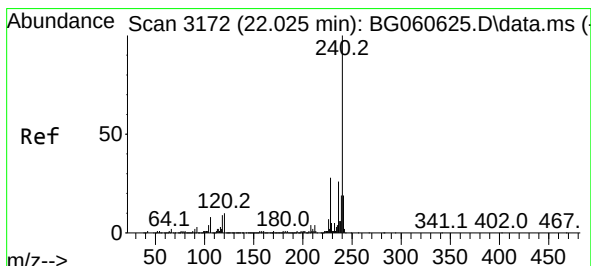
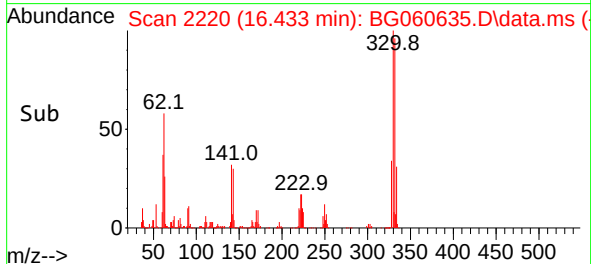
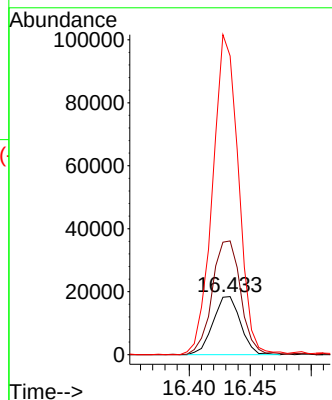
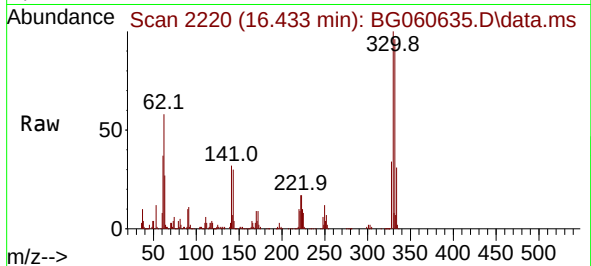




#67
4-Bromophenyl-phenylether
Concen: 4.042 ng
RT: 16.433 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

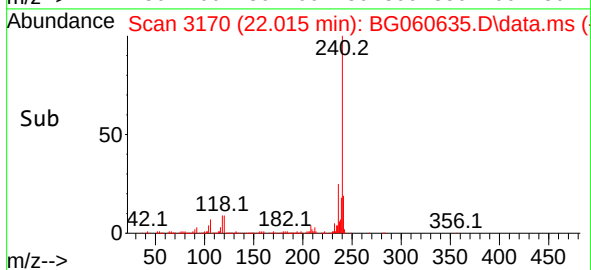
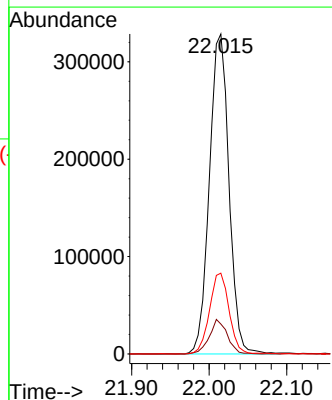
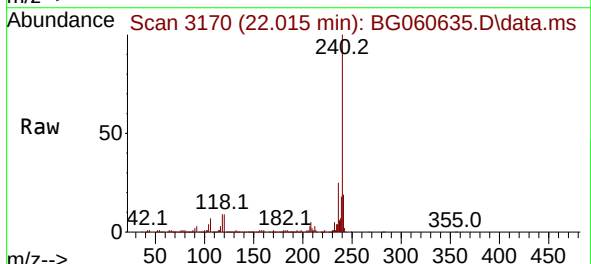
Instrument :
BNA_G
ClientSampleId :
PB159530TB

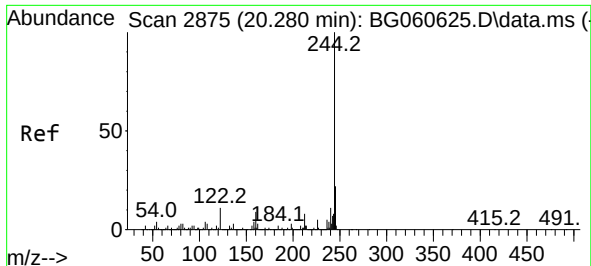
Tgt Ion:248 Resp: 28831
Ion Ratio Lower Upper
248 100
250 196.1 77.8 116.6#
141 514.6 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 3170
Delta R.T. -0.010 min
Lab File: BG060635.D
Acq: 14 Mar 2024 12:28

Tgt Ion:240 Resp: 577301
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.8
236 25.3 20.6 31.0

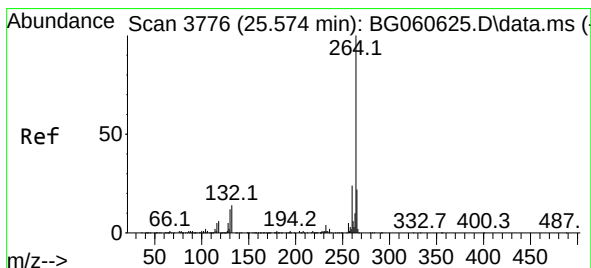
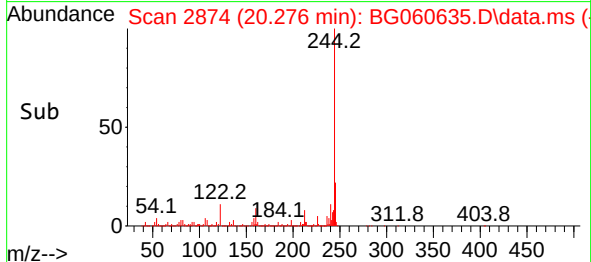
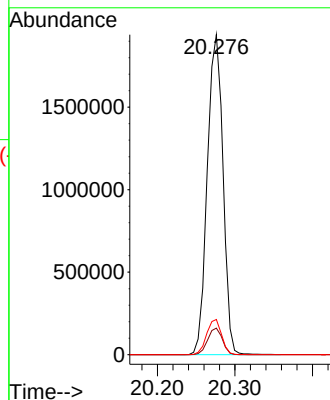
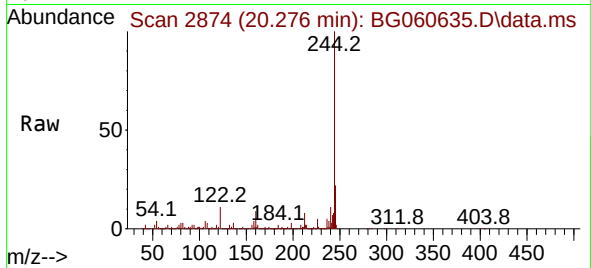




#79
 Terphenyl-d14
 Concen: 85.337 ng
 RT: 20.276 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060635.D
 Acq: 14 Mar 2024 12:28

Instrument :
 BNA_G
 ClientSampleId :
 PB159530TB

Tgt Ion:244 Resp: 2725525
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 11.0 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.570 min Scan# 3775
 Delta R.T. -0.004 min
 Lab File: BG060635.D
 Acq: 14 Mar 2024 12:28

Tgt Ion:264 Resp: 650037
 Ion Ratio Lower Upper
 264 100
 260 21.3 19.4 29.2
 265 20.5 18.1 27.1

