

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
 Data File : BG060687.D
 Acq On : 20 Mar 2024 11:47
 Operator : MA/JU
 Sample : PB159648TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159648TB

Quant Time: Mar 20 12:17:26 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)

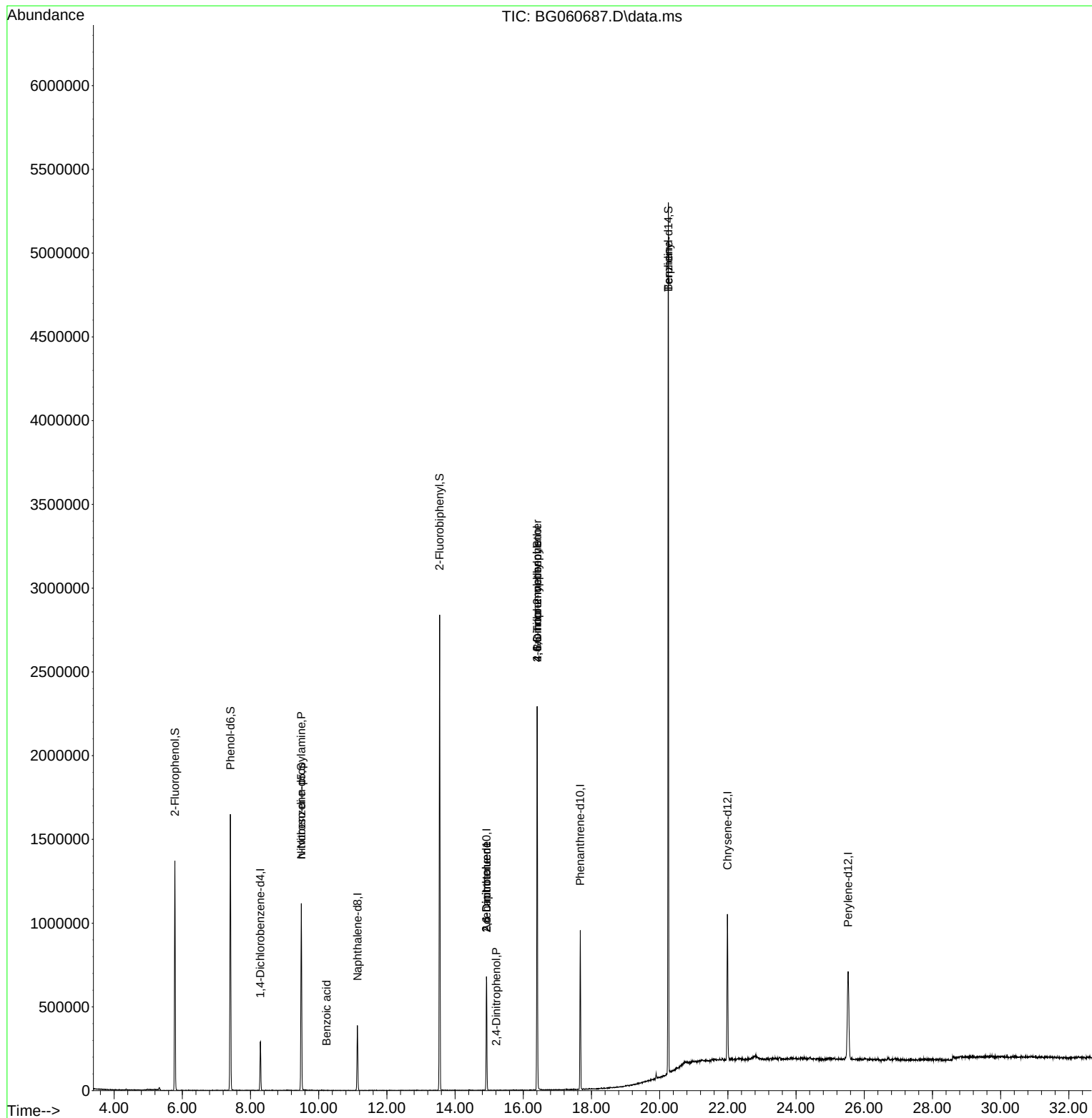
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.288	152	78294	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	320538	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	241442	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	561110	20.000	ng	0.00
76) Chrysene-d12	21.990	240	551839	20.000	ng	0.00
86) Perylene-d12	25.527	264	649077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	565250	113.491	ng	0.00
7) Phenol-d6	7.413	99	924085	127.904	ng	0.00
23) Nitrobenzene-d5	9.492	82	642152	104.262	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	431104	154.086	ng	0.00
45) 2-Fluorobiphenyl	13.547	172	1465104	82.044	ng	0.00
79) Terphenyl-d14	20.256	244	2490795	81.586	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.492	70	79385	15.852	ng	# 76
32) Benzoic acid	10.233	122	68	6.037	ng	# 1
51) 2,6-Dinitrotoluene	14.921	165	30487	9.137	ng	# 17
54) 2,4-Dinitrophenol	15.209	184	77	6.885	ng	# 17
57) 2,4-Dinitrotoluene	14.921	165	30487	7.263	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.408	198	1312	5.280	ng	# 1
67) 4-Bromophenyl-phenylether	16.408	248	29012	4.795	ng	# 1
77) Benzidine	20.256	184	42937	3.181	ng	94

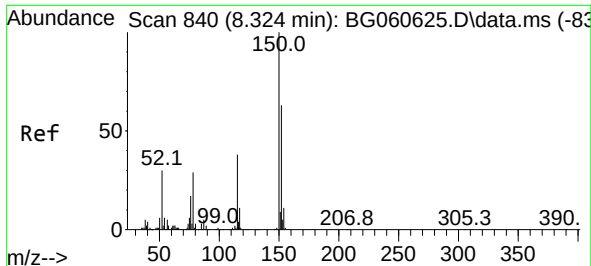
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060687.D
Acq On : 20 Mar 2024 11:47
Operator : MA/JU
Sample : PB159648TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB159648TB

Quant Time: Mar 20 12:17:26 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

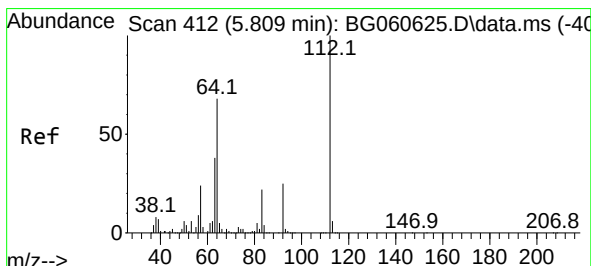
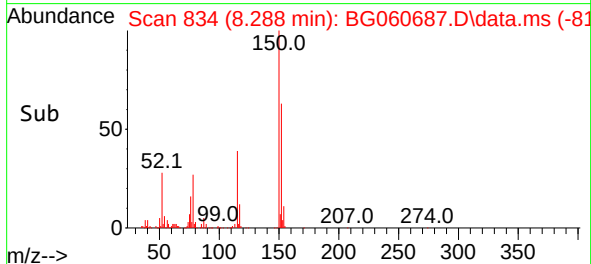
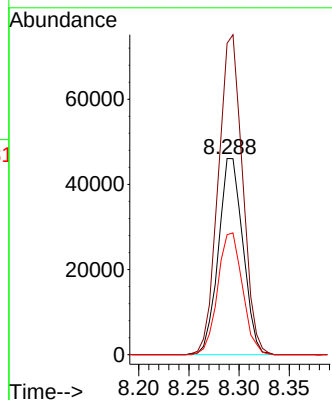
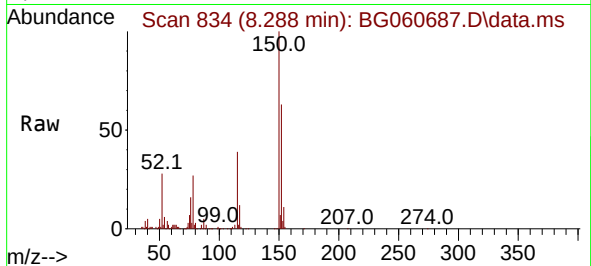




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.288 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

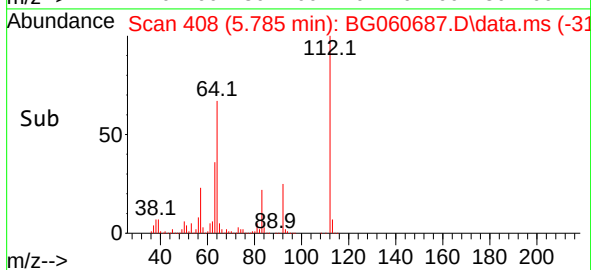
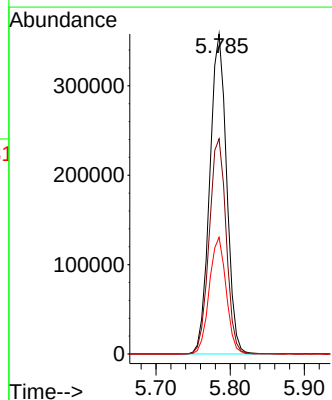
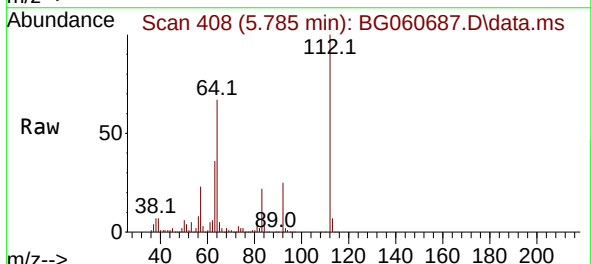
Instrument :
BNA_G
ClientSampleId :
PB159648TB

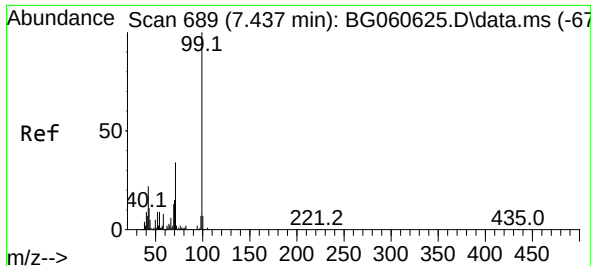
Tgt Ion:152 Resp: 78294
Ion Ratio Lower Upper
152 100
150 158.8 126.6 190.0
115 61.2 47.8 71.8



#5
2-Fluorophenol
Concen: 113.491 ng
RT: 5.785 min Scan# 408
Delta R.T. 0.006 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

Tgt Ion:112 Resp: 565250
Ion Ratio Lower Upper
112 100
64 67.3 54.1 81.1
63 36.4 30.3 45.5

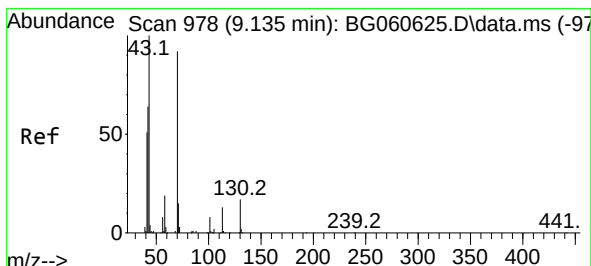
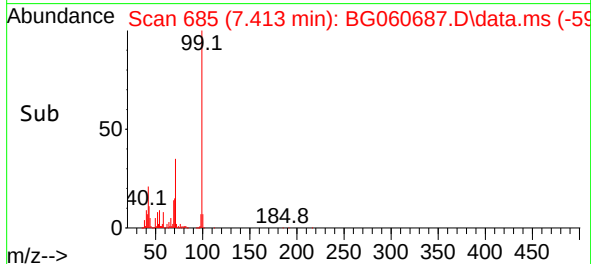
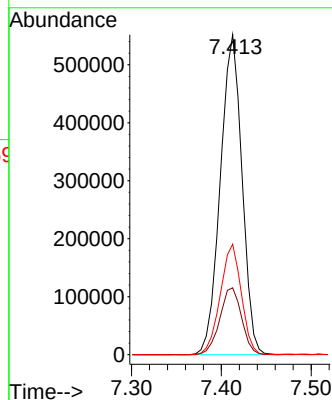
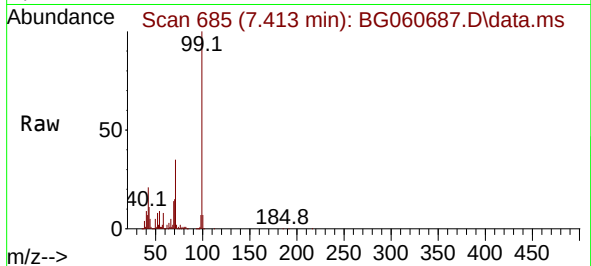




#7
Phenol-d6
Concen: 127.904 ng
RT: 7.413 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

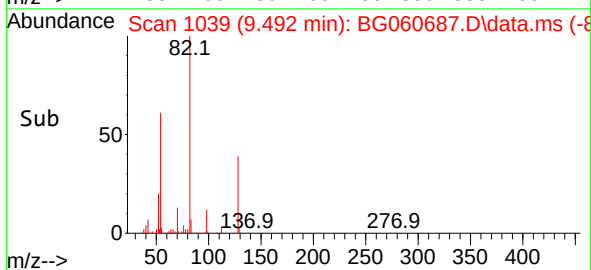
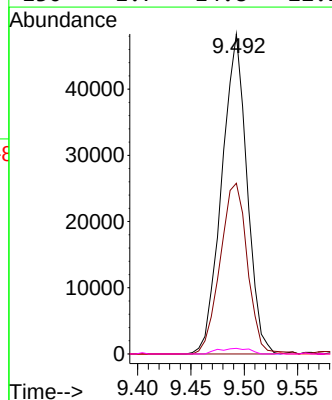
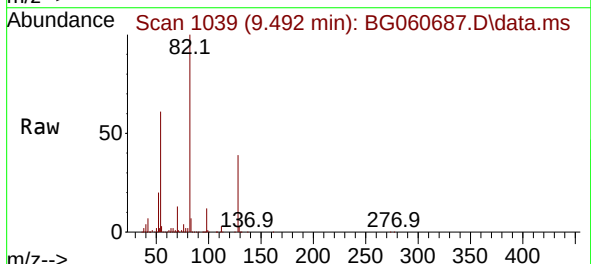
Instrument :
BNA_G
ClientSampleId :
PB159648TB

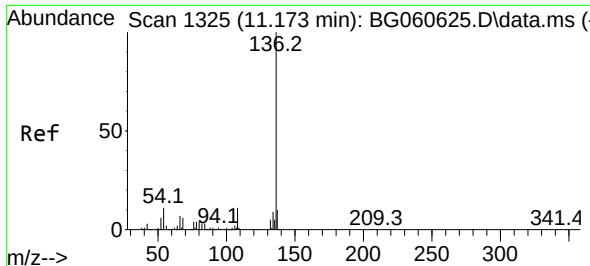
Tgt Ion: 99 Resp: 924085
Ion Ratio Lower Upper
99 100
42 20.9 17.5 26.3
71 34.6 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.852 ng
RT: 9.492 min Scan# 1039
Delta R.T. 0.394 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

Tgt Ion: 70 Resp: 79385
Ion Ratio Lower Upper
70 100
42 53.3 56.2 84.2#
101 0.0 7.4 11.0#
130 1.7 14.8 22.2#

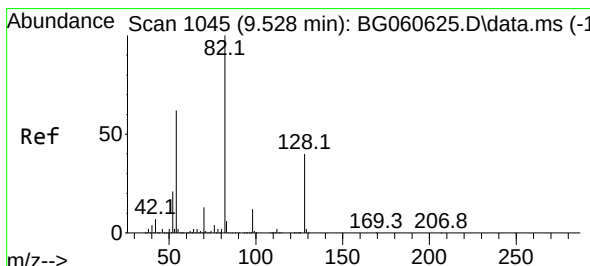
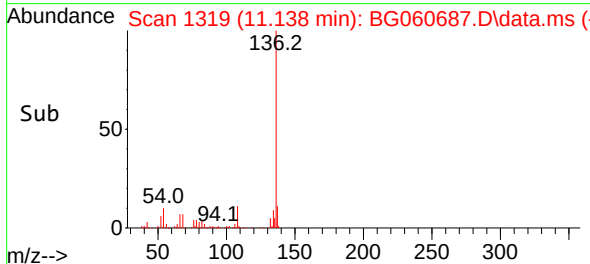
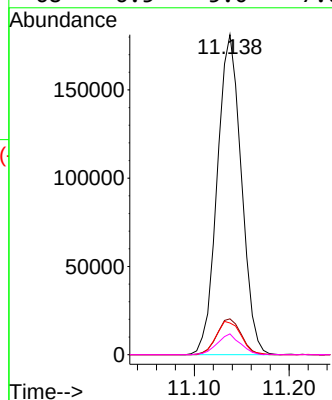
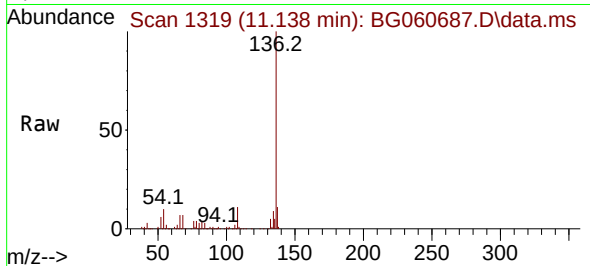




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 111
Delta R.T. -0.000 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

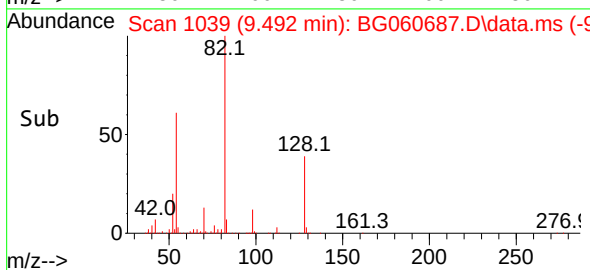
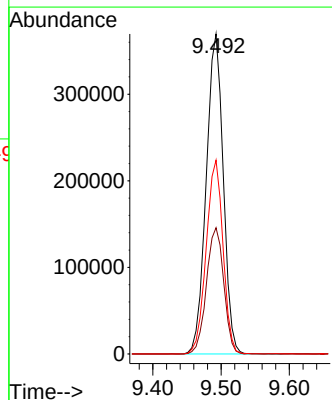
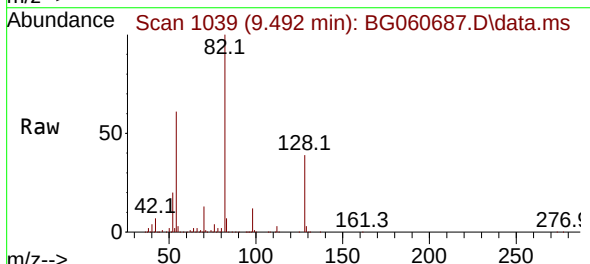
Instrument :
BNA_G
ClientSampleId :
PB159648TB

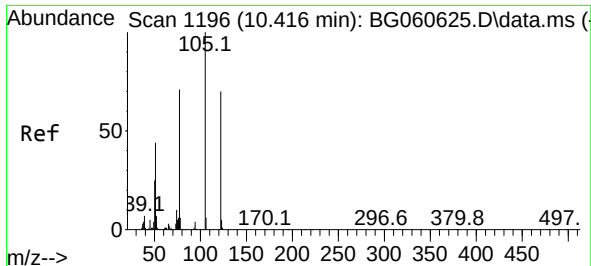
Tgt Ion:	136	Resp:	320538
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	9.9	8.5	12.7
68	6.5	5.0	7.6



#23
Nitrobenzene-d5
Concen: 104.262 ng
RT: 9.492 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

Tgt Ion:	82	Resp:	642152
Ion Ratio	Lower	Upper	
82	100		
128	39.4	31.6	47.4
54	60.6	49.3	73.9

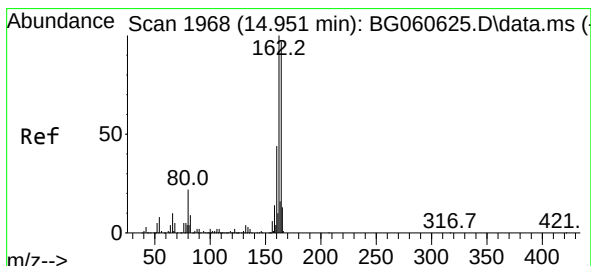
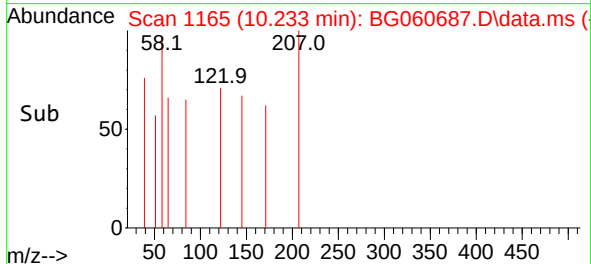
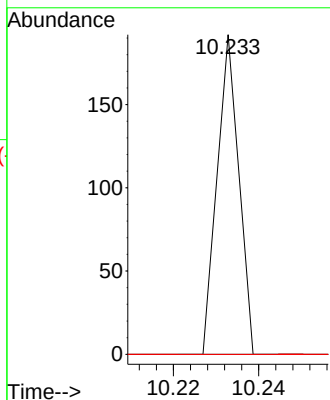
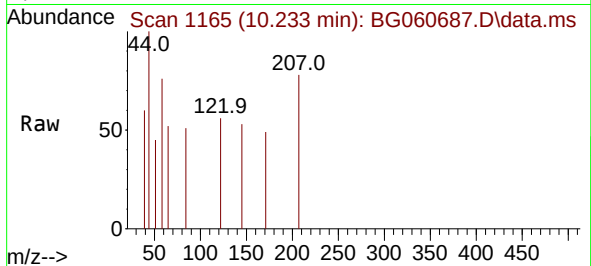




#32
Benzoic acid
Concen: 6.037 ng
RT: 10.233 min Scan# 1196
Delta R.T. -0.135 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

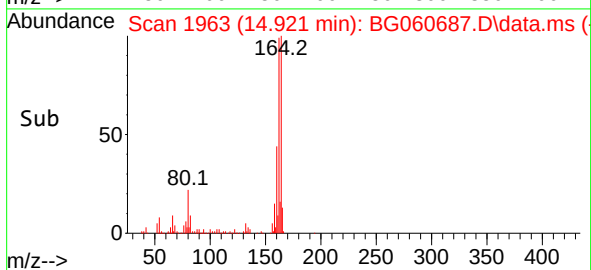
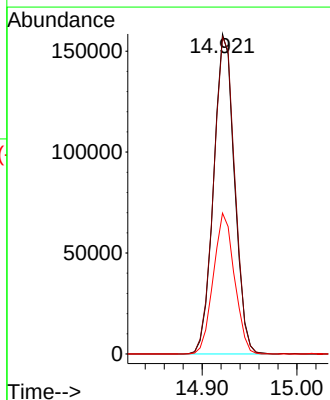
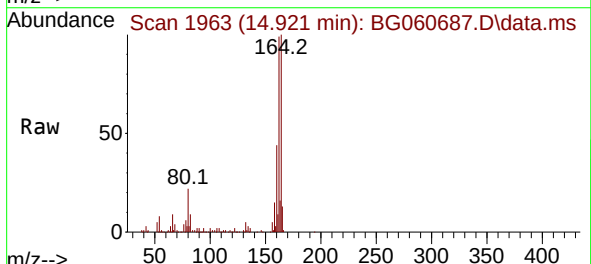
Instrument :
BNA_G
ClientSampleId :
PB159648TB

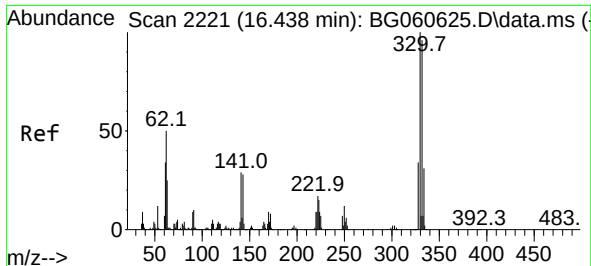
Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.921 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

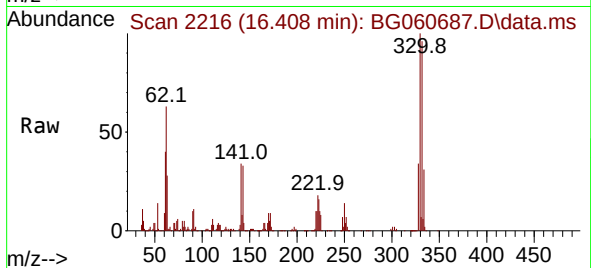
Tgt Ion:164 Resp: 241442
Ion Ratio Lower Upper
164 100
162 99.1 82.5 123.7
160 44.0 36.4 54.6



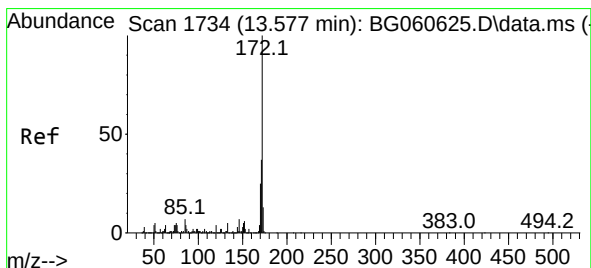
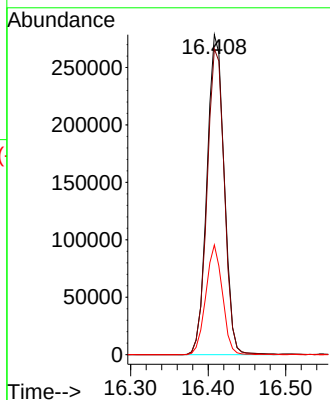
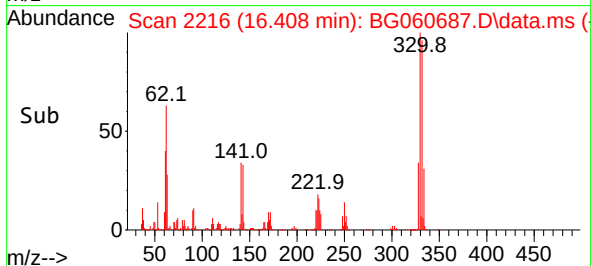


#42
2,4,6-Tribromophenol
Concen: 154.086 ng
RT: 16.408 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

Instrument :
BNA_G
ClientSampleId :
PB159648TB

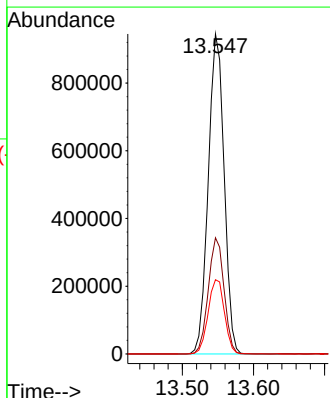
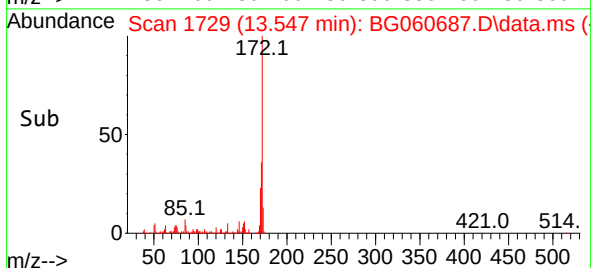
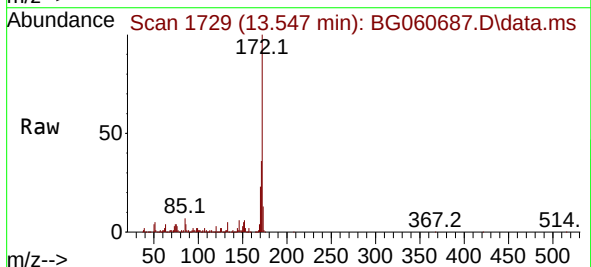


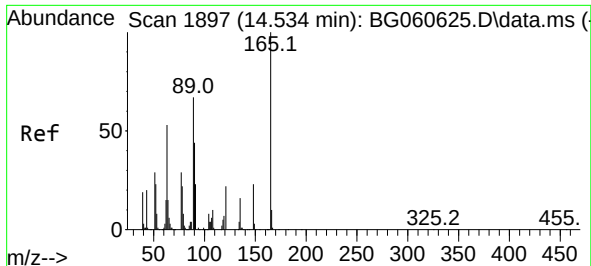
Tgt Ion:330 Resp: 431104
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 33.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 82.044 ng
RT: 13.547 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

Tgt Ion:172 Resp: 1465104
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 23.2 19.8 29.6

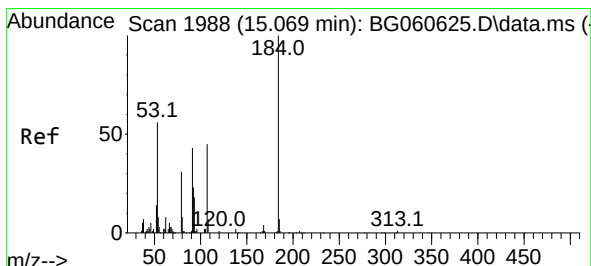
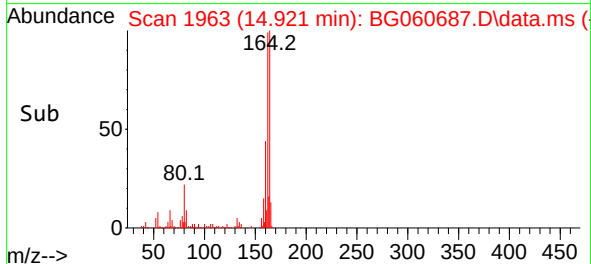
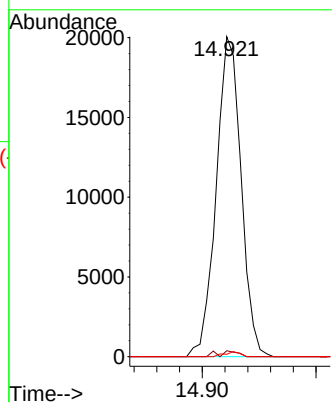
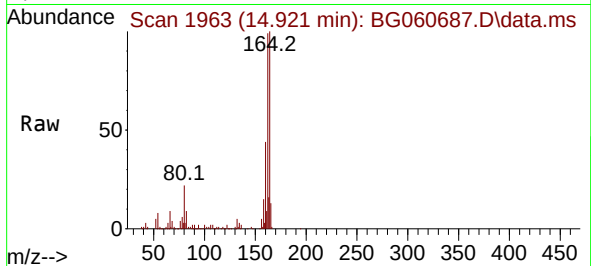




#51
2,6-Dinitrotoluene
Concen: 9.137 ng
RT: 14.921 min Scan# 1963
Delta R.T. 0.411 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

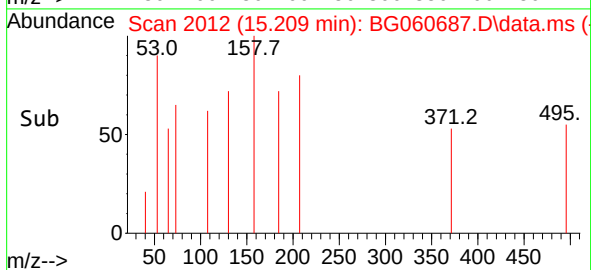
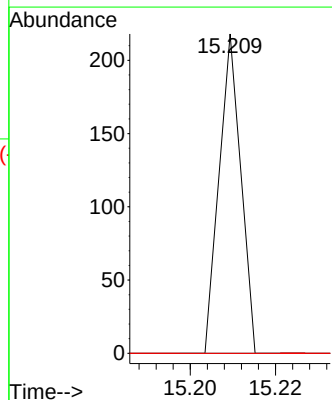
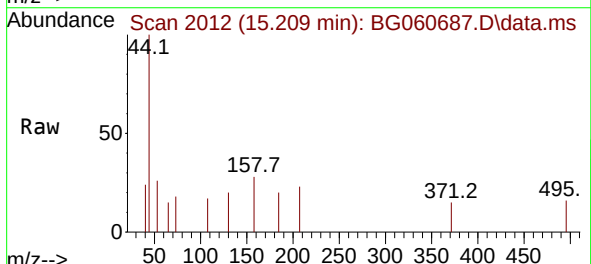
Instrument :
BNA_G
ClientSampleId :
PB159648TB

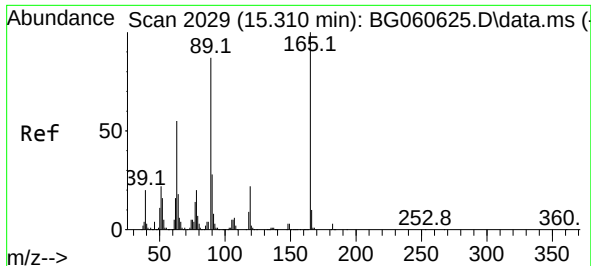
Tgt Ion:165 Resp: 30487
Ion Ratio Lower Upper
165 100
63 1.8 55.8 83.6#
89 0.8 54.1 81.1#



#54
2,4-Dinitrophenol
Concen: 6.885 ng
RT: 15.209 min Scan# 2012
Delta R.T. 0.164 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

Tgt Ion:184 Resp: 77
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#

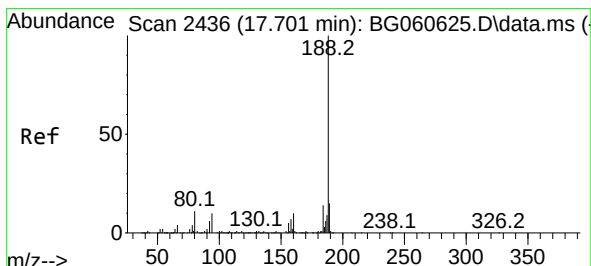
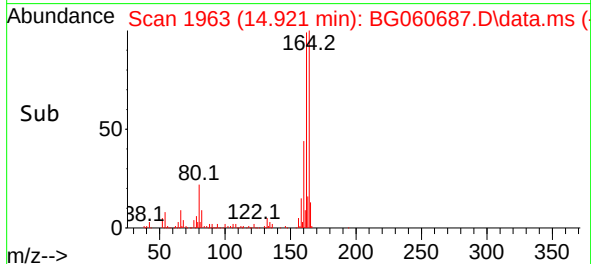
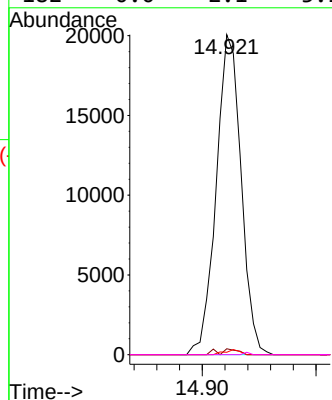
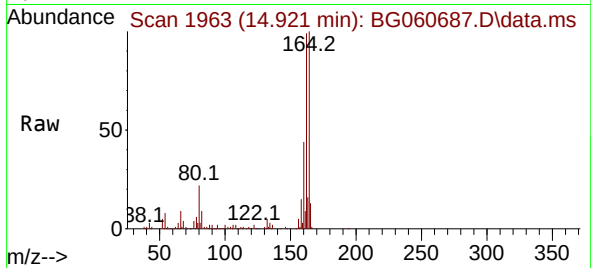




#57
2,4-Dinitrotoluene
Concen: 7.263 ng
RT: 14.921 min Scan# 1963
Delta R.T. -0.364 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

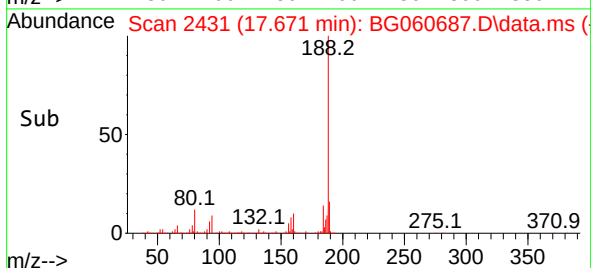
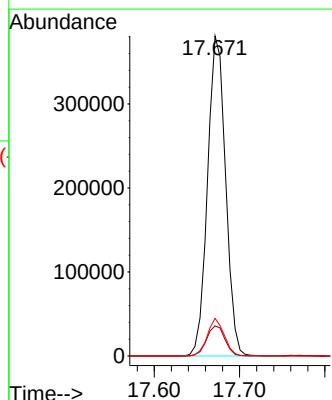
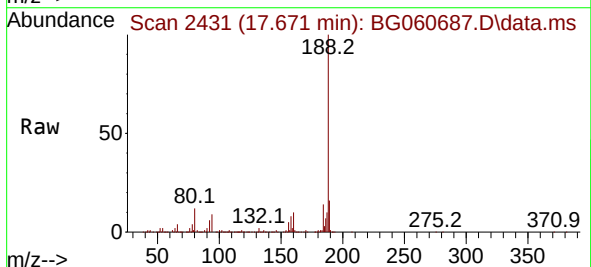
Instrument :
BNA_G
ClientSampleId :
PB159648TB

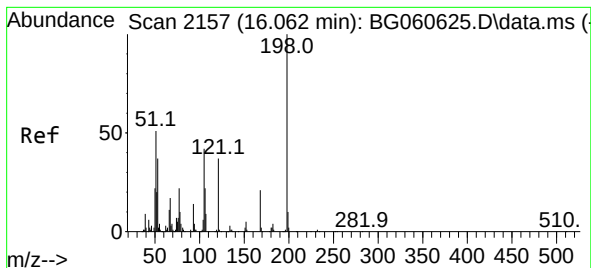
Tgt Ion:165 Resp: 30487
Ion Ratio Lower Upper
165 100
63 1.8 44.1 66.1#
89 0.8 69.7 104.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

Tgt Ion:188 Resp: 561110
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 11.8 8.6 13.0

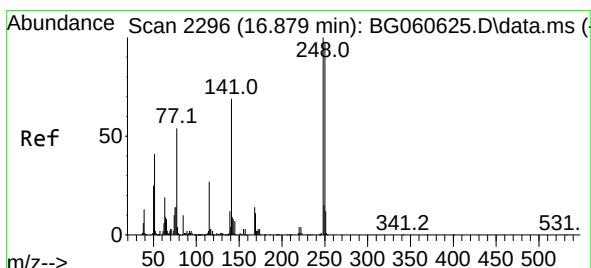
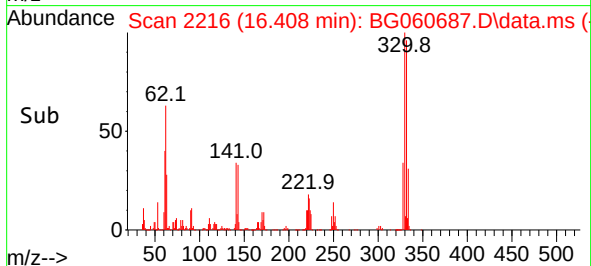
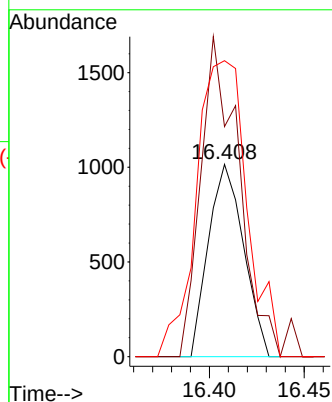
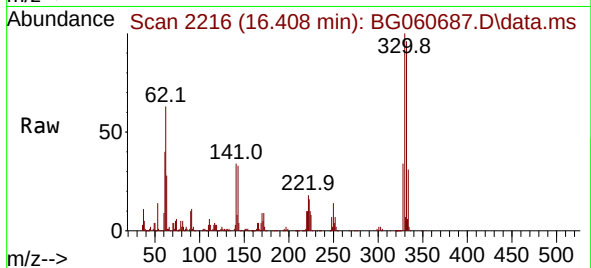




#65
4,6-Dinitro-2-methylphenol
Concen: 5.280 ng
RT: 16.408 min Scan# 2157
Delta R.T. 0.370 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

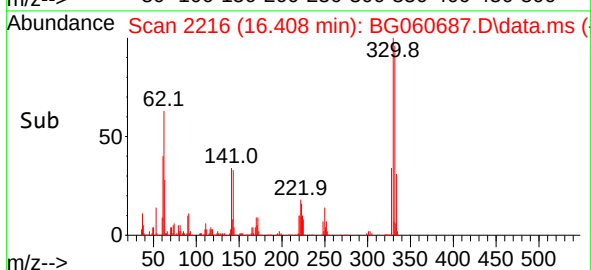
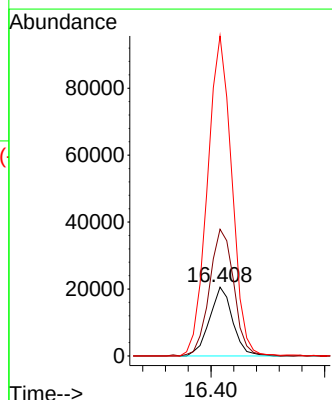
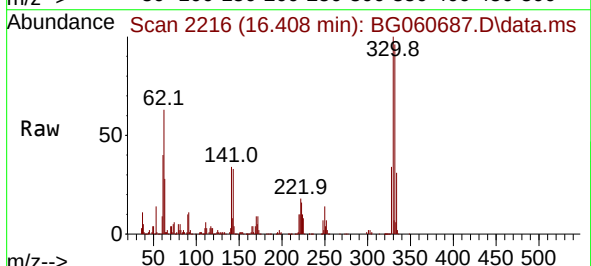
Instrument :
BNA_G
ClientSampleId :
PB159648TB

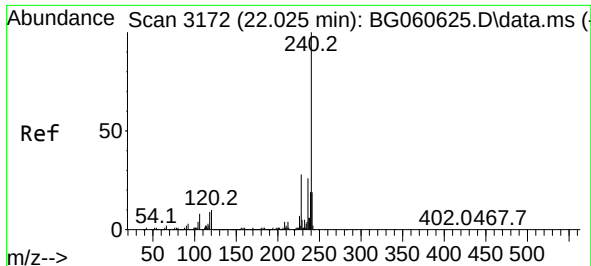
Tgt Ion:198 Resp: 1312
Ion Ratio Lower Upper
198 100
51 119.6 36.9 76.9#
105 153.8 22.4 62.4#



#67
4-Bromophenyl-phenylether
Concen: 4.795 ng
RT: 16.408 min Scan# 2216
Delta R.T. -0.441 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

Tgt Ion:248 Resp: 29012
Ion Ratio Lower Upper
248 100
250 184.4 77.8 116.6#
141 465.5 55.1 82.7#

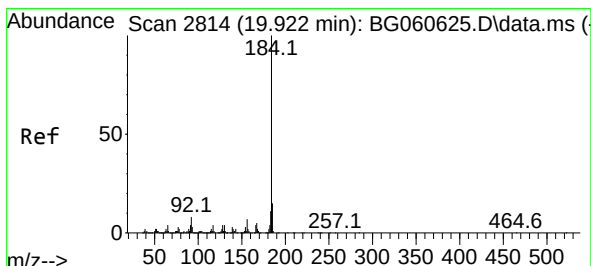
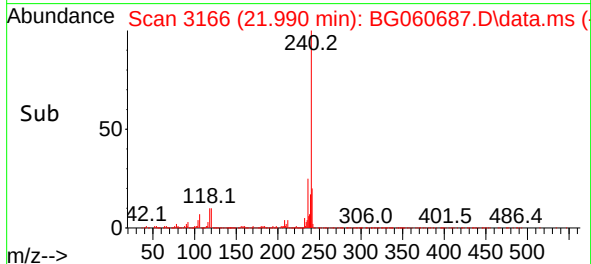
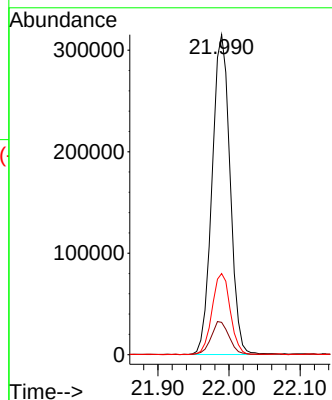
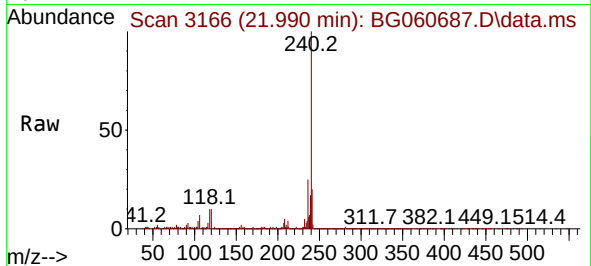




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.990 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

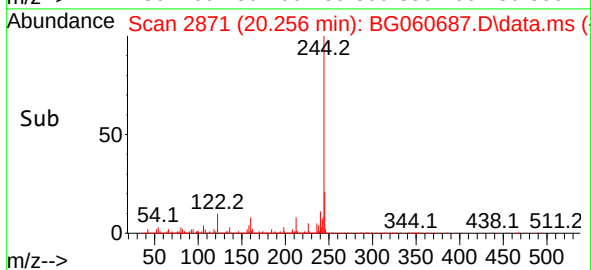
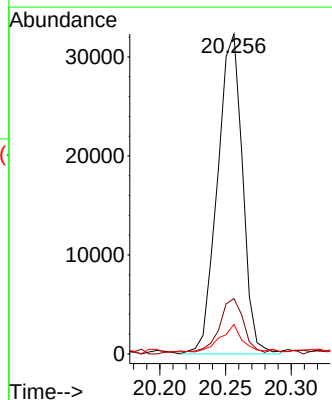
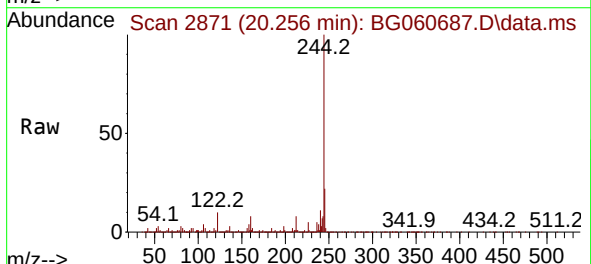
Instrument :
BNA_G
ClientSampleId :
PB159648TB

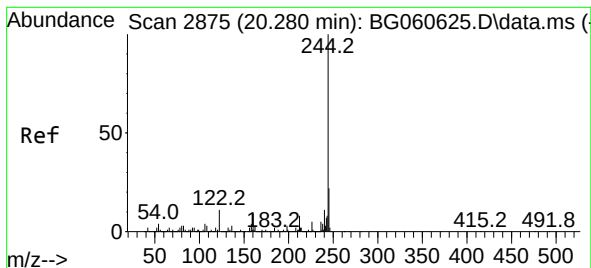
Tgt Ion:240 Resp: 551839
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.8
236 25.4 20.6 31.0



#77
Benzidine
Concen: 3.181 ng
RT: 20.256 min Scan# 2871
Delta R.T. 0.358 min
Lab File: BG060687.D
Acq: 20 Mar 2024 11:47

Tgt Ion:184 Resp: 42937
Ion Ratio Lower Upper
184 100
185 17.3 11.7 17.5
183 9.3 9.2 13.8





#79

Terphenyl-d14

Concen: 81.586 ng

RT: 20.256 min Scan# 2490

Delta R.T. -0.000 min

Lab File: BG060687.D

Acq: 20 Mar 2024 11:47

Instrument :

BNA_G

ClientSampleId :

PB159648TB

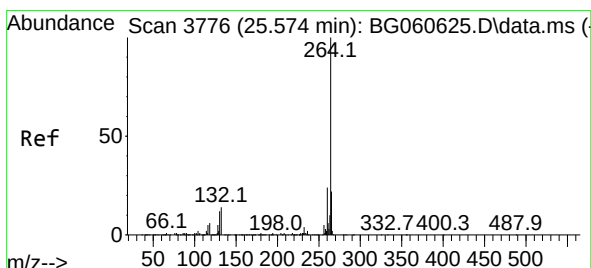
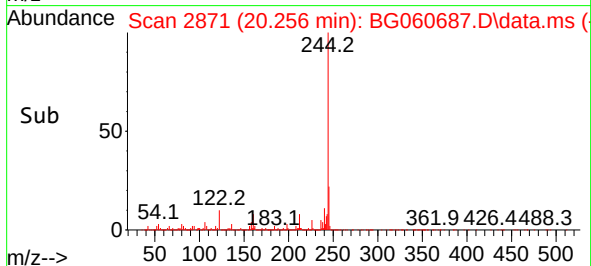
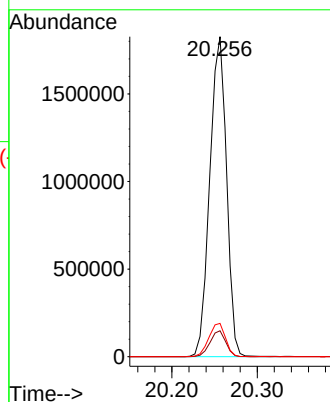
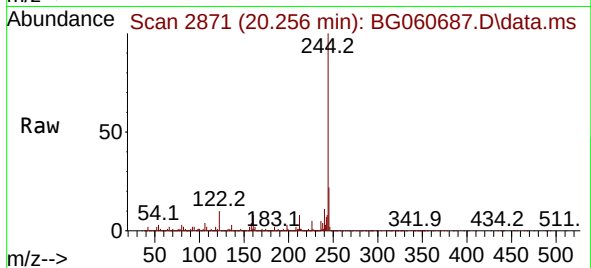
Tgt Ion:244 Resp: 2490795

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

122 10.4 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.527 min Scan# 3768

Delta R.T. -0.000 min

Lab File: BG060687.D

Acq: 20 Mar 2024 11:47

Tgt Ion:264 Resp: 649077

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.4 18.1 27.1

