

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031924\
 Data File : BG060680.D
 Acq On : 19 Mar 2024 14:07
 Operator : MA/JU
 Sample : P1791-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-03182024

Quant Time: Mar 19 14:52:56 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)

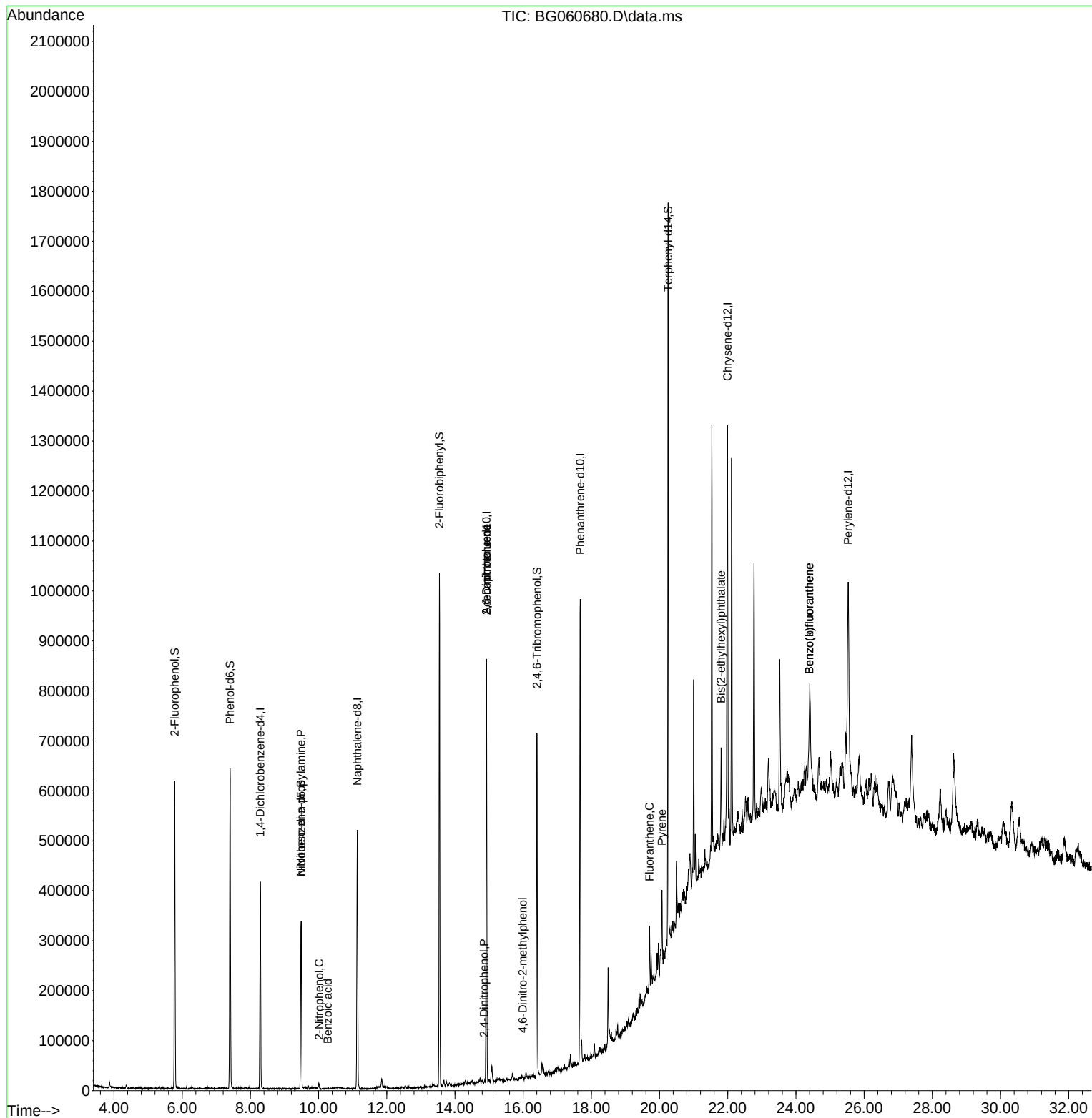
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.290	152	110826	20.000	ng	0.00
21) Naphthalene-d8	11.133	136	432865	20.000	ng	0.00
39) Acenaphthene-d10	14.923	164	296116	20.000	ng	0.00
64) Phenanthrene-d10	17.673	188	584919	20.000	ng	0.00
76) Chrysene-d12	21.991	240	524351	20.000	ng	0.00
86) Perylene-d12	25.528	264	613985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.781	112	255786	36.281	ng	0.00
7) Phenol-d6	7.402	99	370823	36.260	ng	0.00
23) Nitrobenzene-d5	9.488	82	196474	23.622	ng	0.00
42) 2,4,6-Tribromophenol	16.404	330	127185	37.065	ng	0.00
45) 2-Fluorobiphenyl	13.542	172	525073	23.974	ng	0.00
79) Terphenyl-d14	20.252	244	735574	25.357	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.488	70	24644	3.476	ng	# 75
26) 2-Nitrophenol	10.017	139	56	2.252	ng	# 23
32) Benzoic acid	10.270	122	58	6.031	ng	# 1
51) 2,6-Dinitrotoluene	14.923	165	38388	9.381	ng	# 17
54) 2,4-Dinitrophenol	14.853	184	66	6.873	ng	# 17
57) 2,4-Dinitrotoluene	14.923	165	38388	7.457	ng	# 15
65) 4,6-Dinitro-2-methylph...	15.987	198	71	4.839	ng	# 1
75) Fluoranthene	19.706	202	78392	2.249	ng	98
78) Pyrene	20.070	202	87871	2.401	ng	98
84) Bis(2-ethylhexyl)phtha...	21.803	149	83146	4.069	ng	96
88) Benzo(b)fluoranthene	24.388	252	73750	2.183	ng	# 63
89) Benzo(k)fluoranthene	24.388	252	73750	2.078	ng	# 62

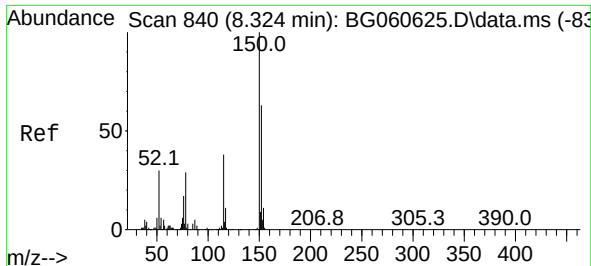
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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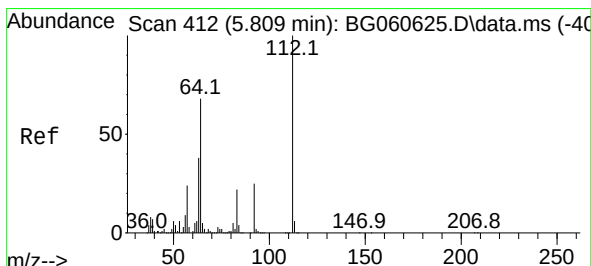
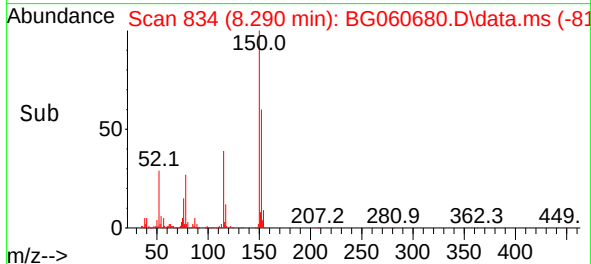
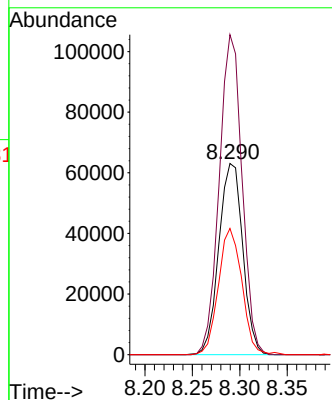
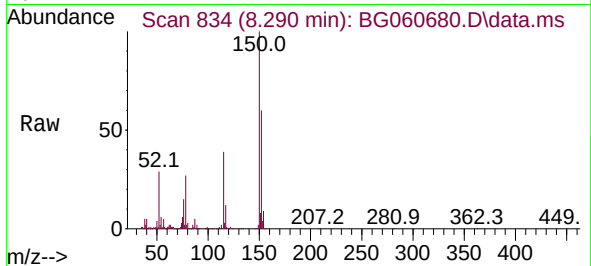




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.290 min Scan# 840
Delta R.T. 0.002 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

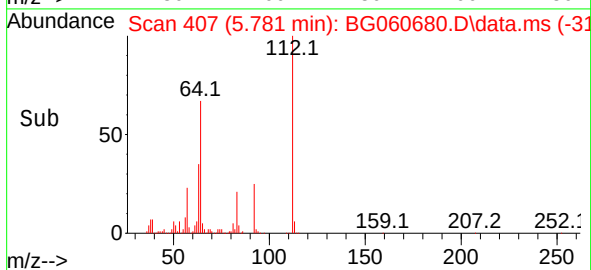
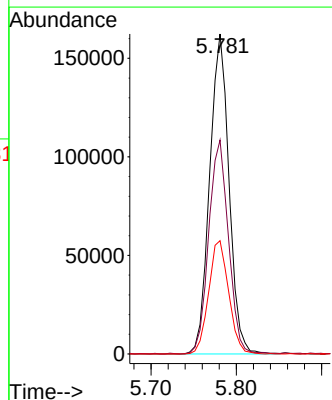
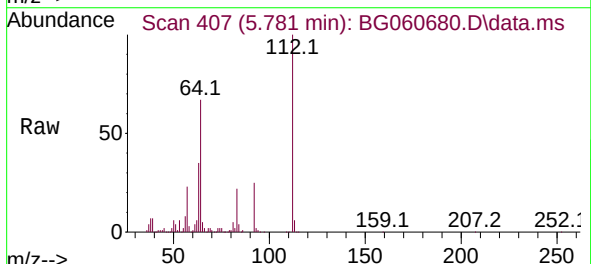
Instrument :
BNA_G
ClientSampleId :
SU-04-03182024

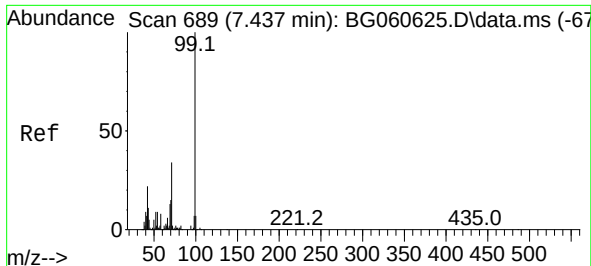
Tgt Ion:152 Resp: 110826
Ion Ratio Lower Upper
152 100
150 167.3 126.6 190.0
115 66.0 47.8 71.8



#5
2-Fluorophenol
Concen: 36.281 ng
RT: 5.781 min Scan# 407
Delta R.T. 0.002 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

Tgt Ion:112 Resp: 255786
Ion Ratio Lower Upper
112 100
64 66.8 54.1 81.1
63 35.4 30.3 45.5

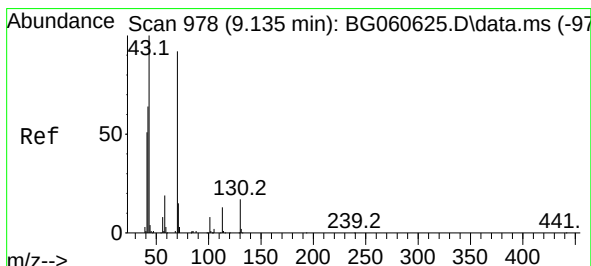
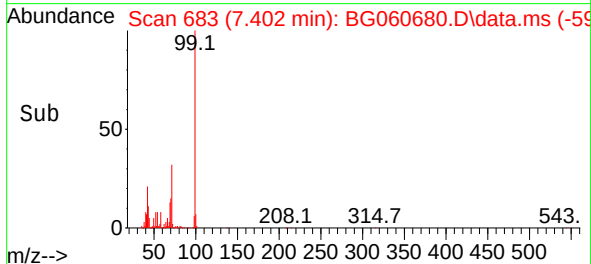
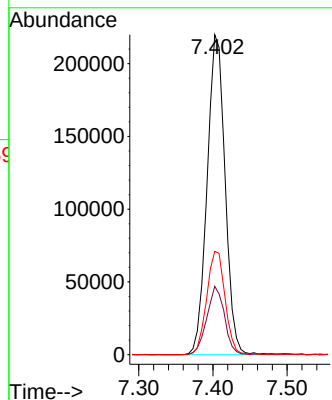
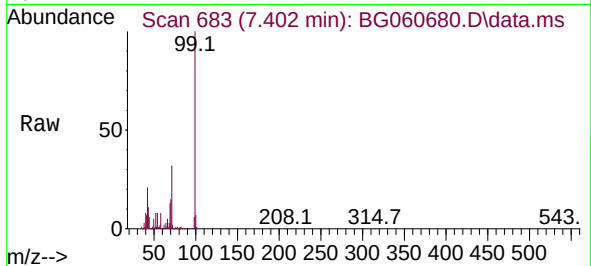




#7
Phenol-d6
Concen: 36.260 ng
RT: 7.402 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

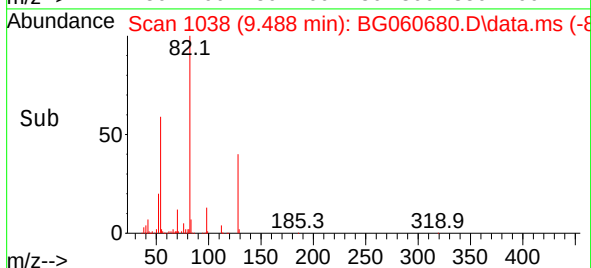
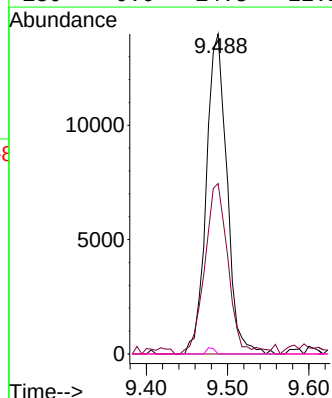
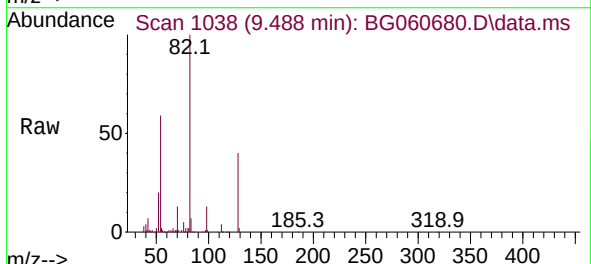
Instrument :
BNA_G
ClientSampleId :
SU-04-03182024

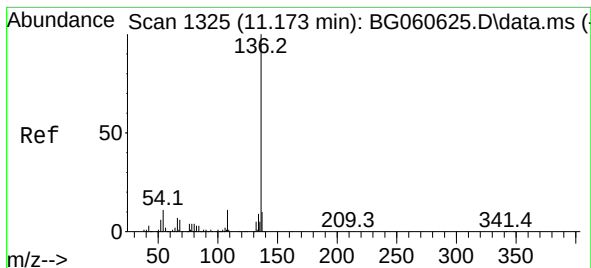
Tgt Ion: 99 Resp: 370823
Ion Ratio Lower Upper
99 100
42 21.4 17.5 26.3
71 32.3 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 3.476 ng
RT: 9.488 min Scan# 1038
Delta R.T. 0.389 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

Tgt Ion: 70 Resp: 24644
Ion Ratio Lower Upper
70 100
42 53.2 56.2 84.2#
101 0.0 7.4 11.0#
130 0.0 14.8 22.2#

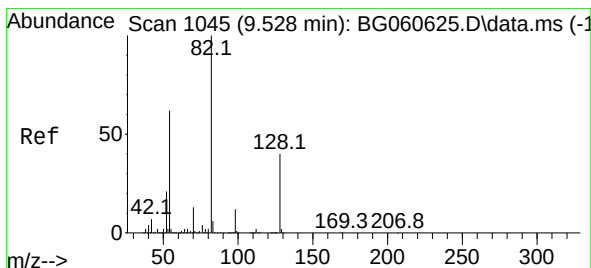
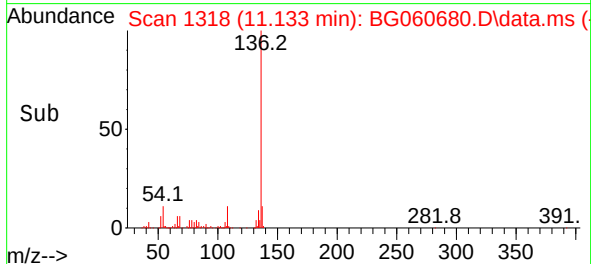
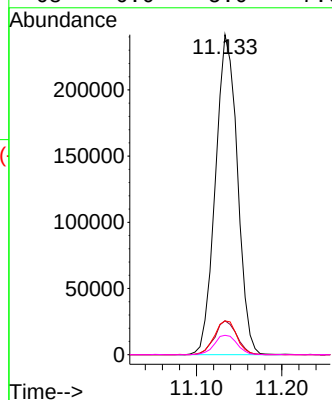
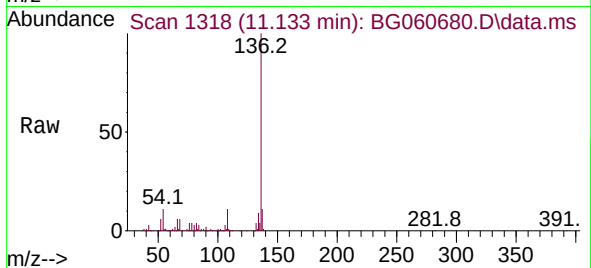




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.133 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

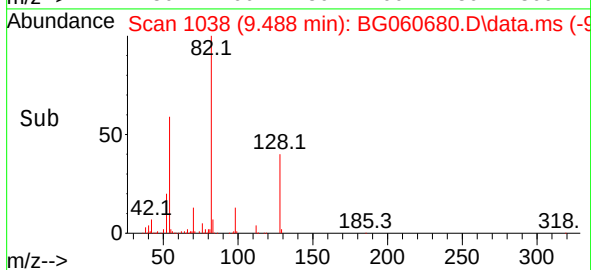
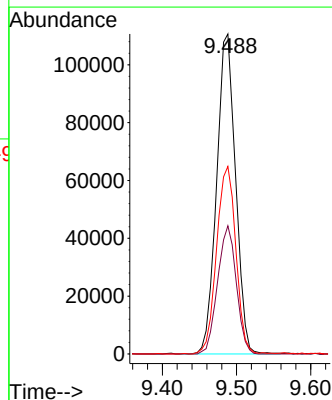
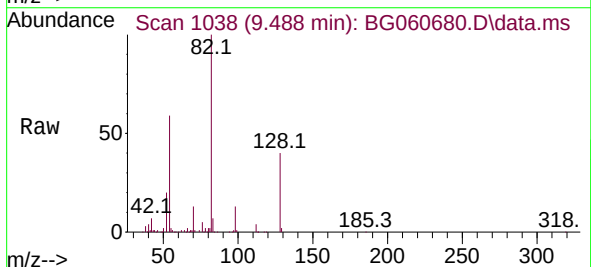
Instrument :
BNA_G
ClientSampleId :
SU-04-03182024

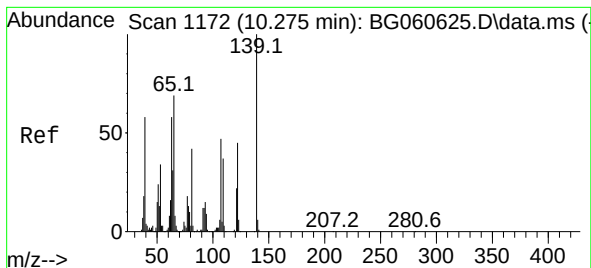
Tgt Ion:	136	Resp:	432865
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	10.5	8.5	12.7
68	6.0	5.0	7.6



#23
Nitrobenzene-d5
Concen: 23.622 ng
RT: 9.488 min Scan# 1038
Delta R.T. -0.004 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

Tgt Ion:	82	Resp:	196474
Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.6	47.4
54	58.6	49.3	73.9

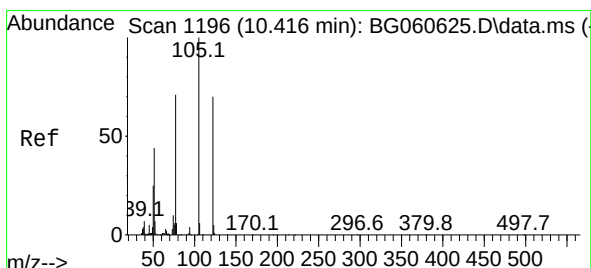
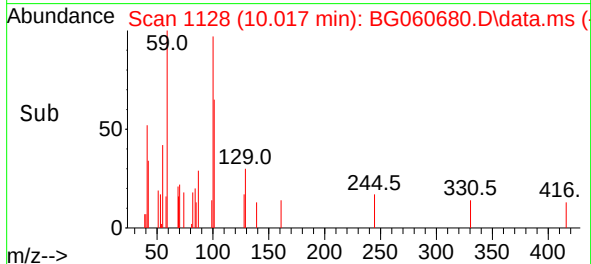
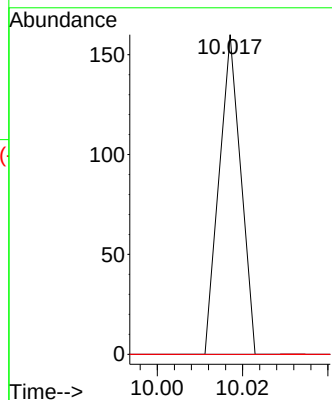
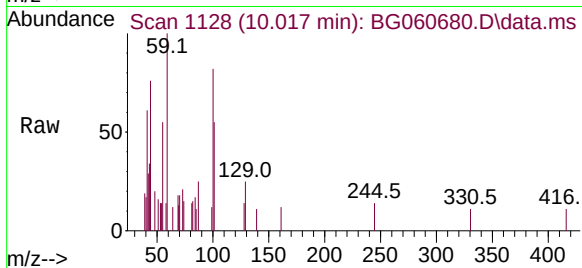




#26
2-Nitrophenol
Concen: 2.252 ng
RT: 10.017 min Scan# 1171
Delta R.T. -0.222 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

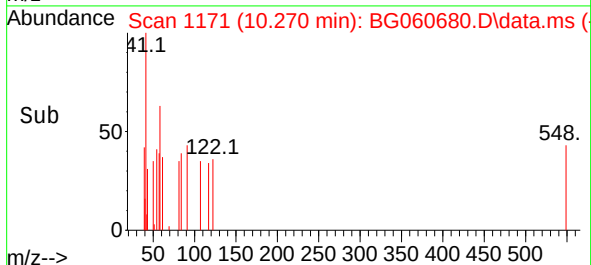
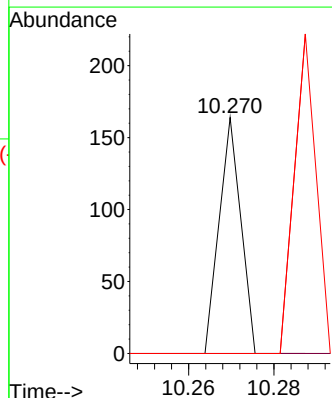
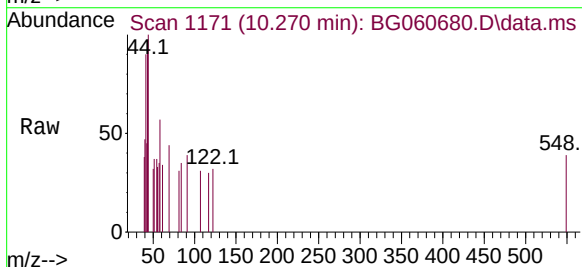
Instrument :
BNA_G
ClientSampleId :
SU-04-03182024

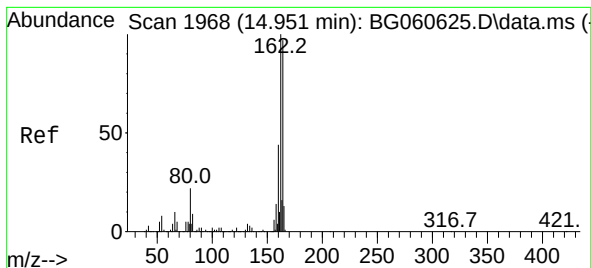
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.031 ng
RT: 10.270 min Scan# 1171
Delta R.T. -0.098 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

Tgt Ion:122 Resp: 58
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: 14.923 min Scan# 1963

Delta R.T. -0.004 min

Lab File: BG060680.D

Acq: 19 Mar 2024 14:07

Instrument :

BNA_G

ClientSampleId :

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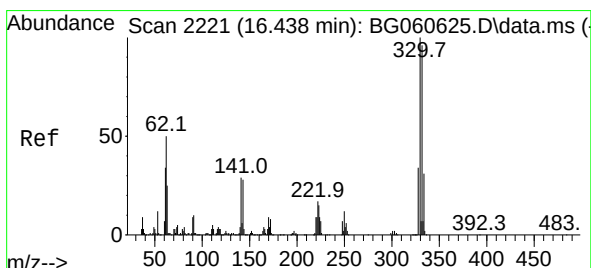
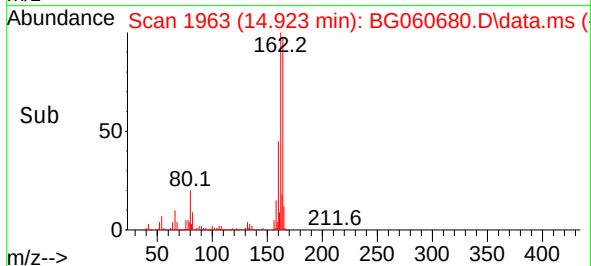
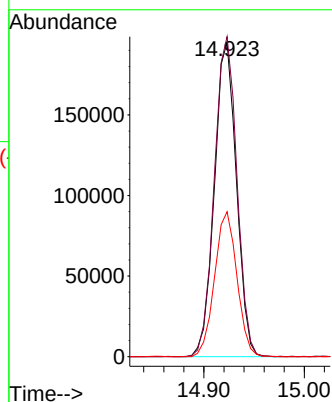
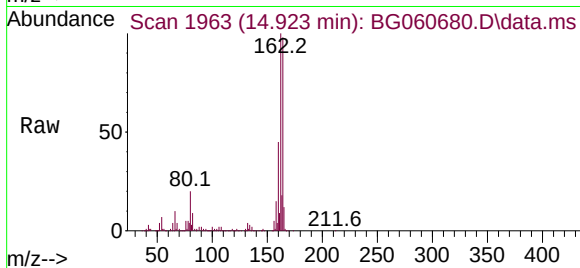
Tgt Ion:164 Resp: 296116

Ion Ratio Lower Upper

164 100

162 101.8 82.5 123.7

160 46.1 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 37.065 ng

RT: 16.404 min Scan# 2215

Delta R.T. -0.004 min

Lab File: BG060680.D

Acq: 19 Mar 2024 14:07

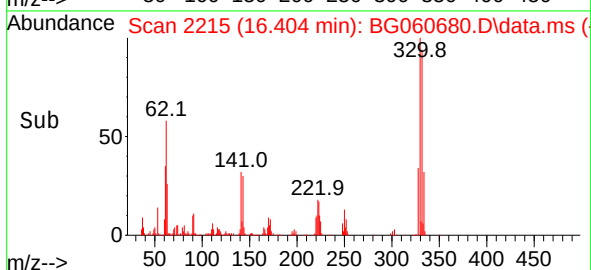
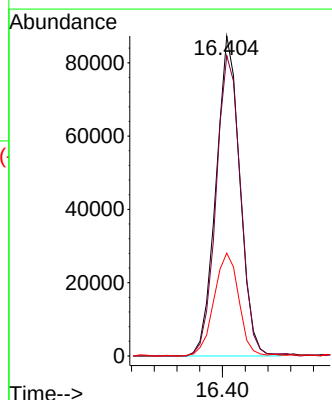
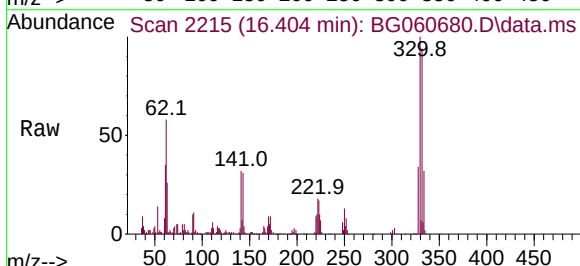
Tgt Ion:330 Resp: 127185

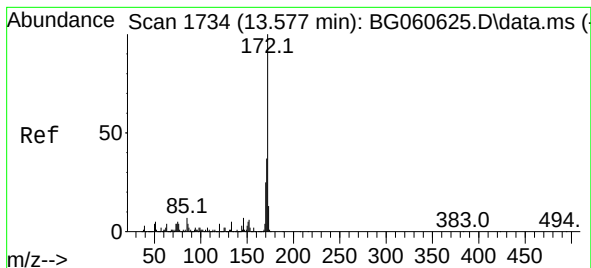
Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.8

141 33.5 25.4 38.2

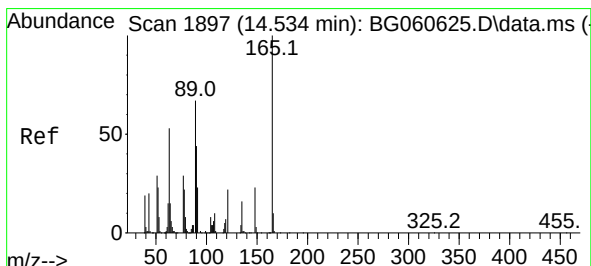
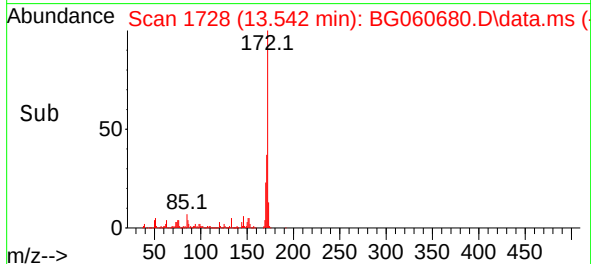
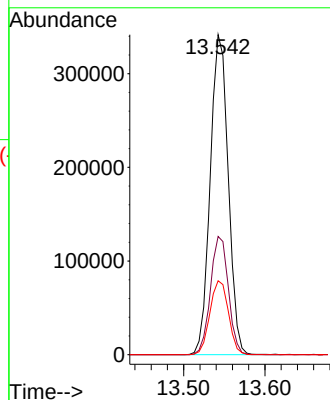
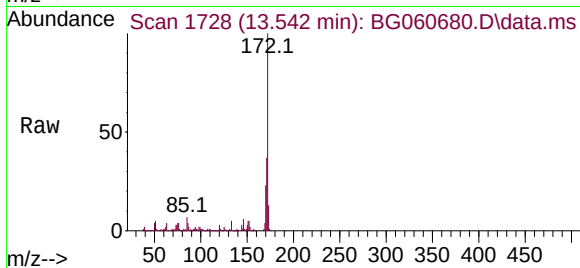




#45
2-Fluorobiphenyl
Concen: 23.974 ng
RT: 13.542 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

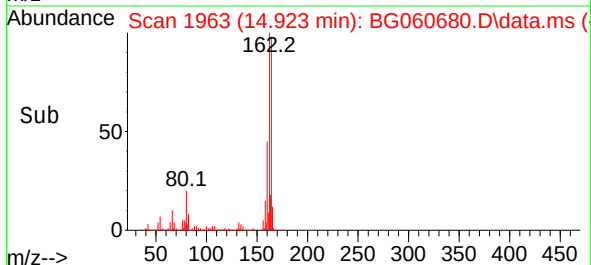
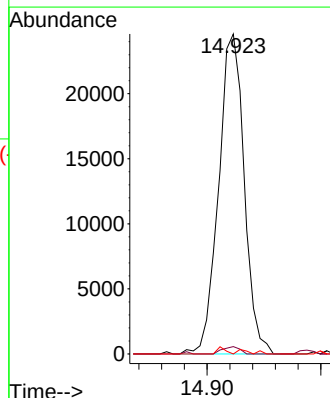
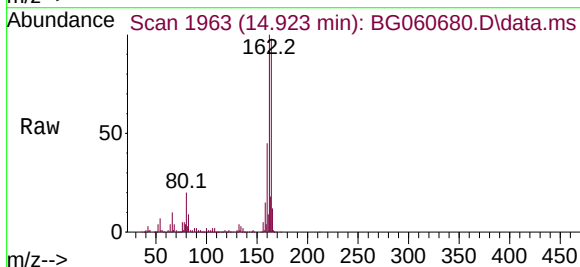
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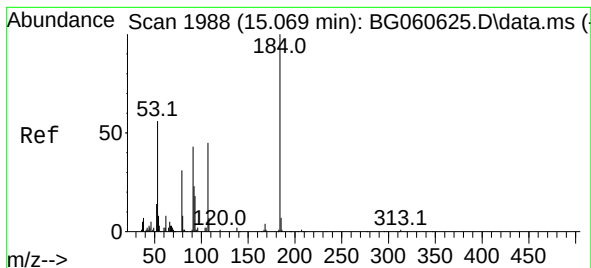
Tgt Ion:172 Resp: 525073
Ion Ratio Lower Upper
172 100
171 37.0 29.9 44.9
170 23.1 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.381 ng
RT: 14.923 min Scan# 1963
Delta R.T. 0.413 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

Tgt Ion:165 Resp: 38388
Ion Ratio Lower Upper
165 100
63 2.3 55.8 83.6#
89 0.0 54.1 81.1#

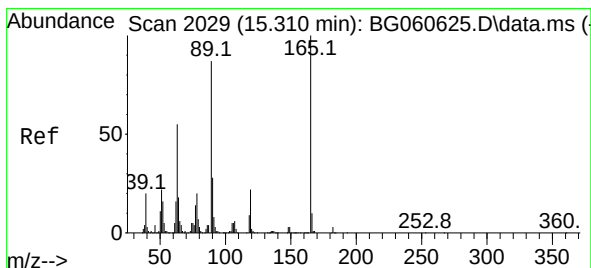
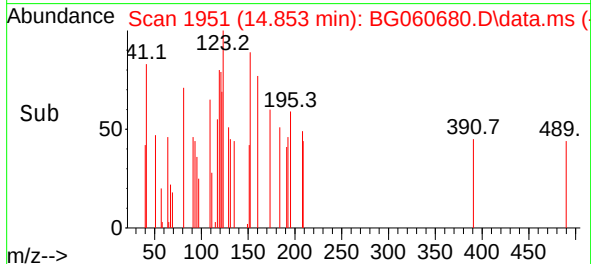
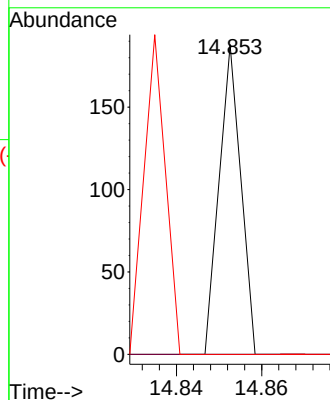
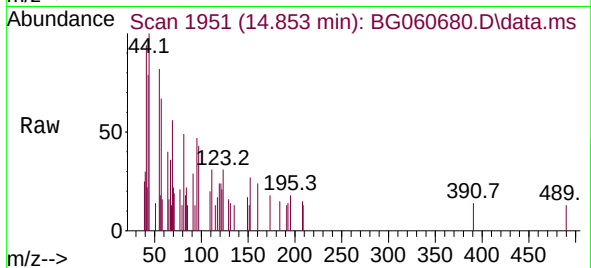




#54
2,4-Dinitrophenol
Concen: 6.873 ng
RT: 14.853 min Scan# 1963
Delta R.T. -0.192 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

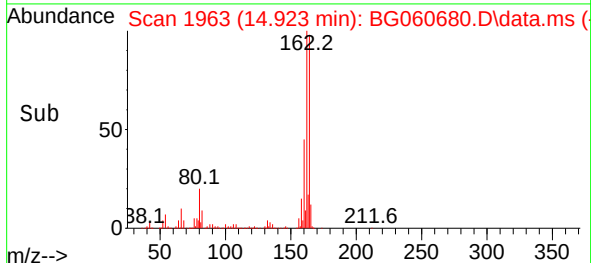
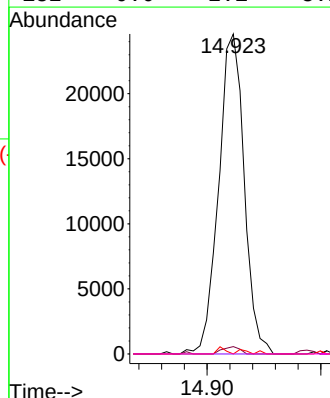
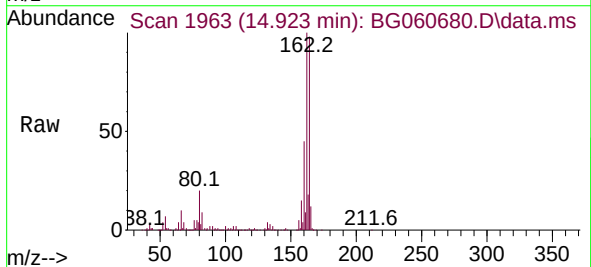
Instrument :
BNA_G
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SU-04-03182024

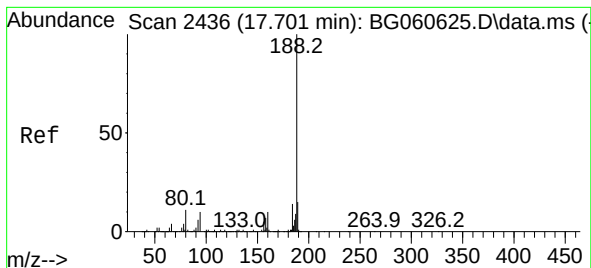
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.457 ng
RT: 14.923 min Scan# 1963
Delta R.T. -0.363 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

Tgt Ion:165 Resp: 38388
Ion Ratio Lower Upper
165 100
63 2.3 44.1 66.1#
89 0.0 69.7 104.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.673 min Scan# 2436

Delta R.T. 0.001 min

Lab File: BG060680.D

Acq: 19 Mar 2024 14:07

Instrument :

BNA_G

ClientSampleId :

SU-04-03182024

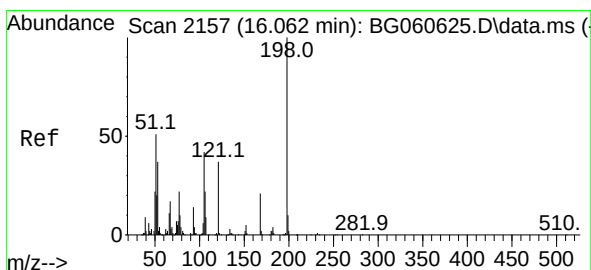
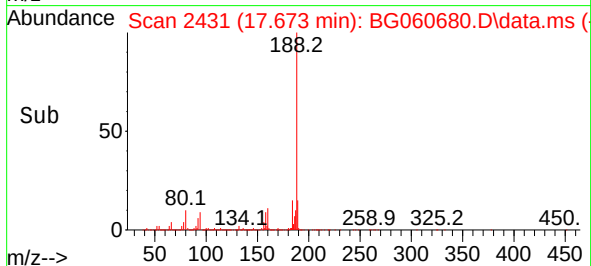
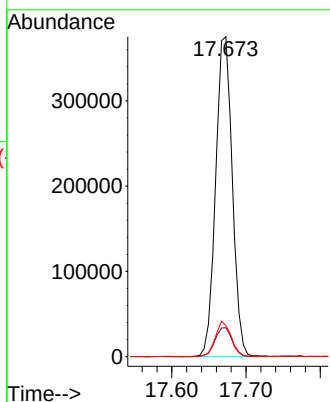
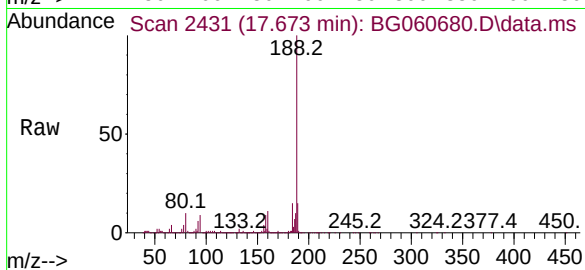
Tgt Ion:188 Resp: 584919

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 9.7 8.6 13.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.839 ng

RT: 15.987 min Scan# 2144

Delta R.T. -0.051 min

Lab File: BG060680.D

Acq: 19 Mar 2024 14:07

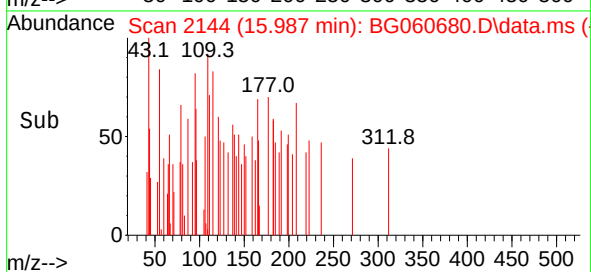
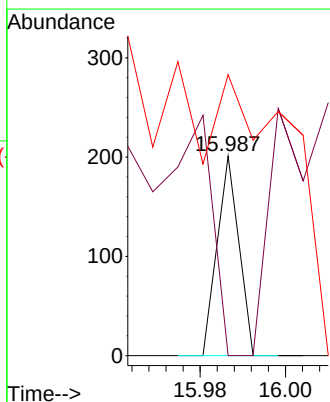
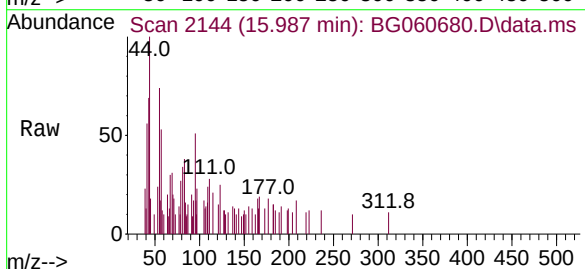
Tgt Ion:198 Resp: 71

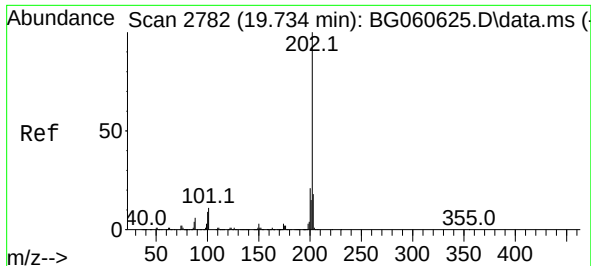
Ion Ratio Lower Upper

198 100

51 0.0 36.9 76.9#

105 140.8 22.4 62.4#

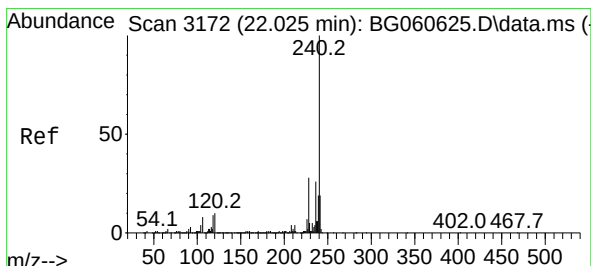
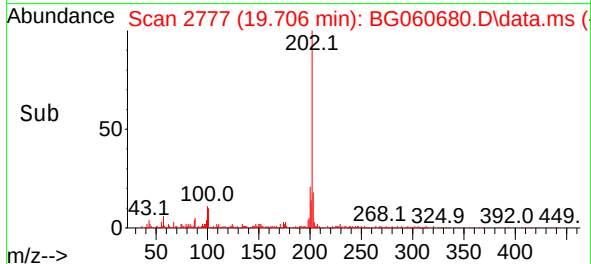
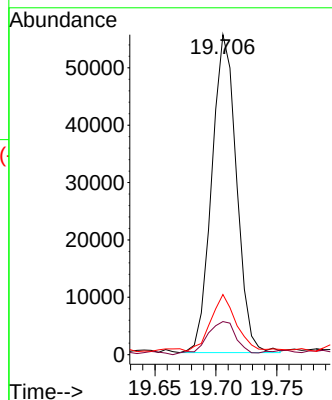
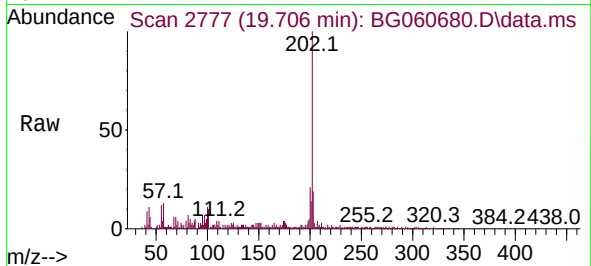




#75
Fluoranthene
Concen: 2.249 ng
RT: 19.706 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

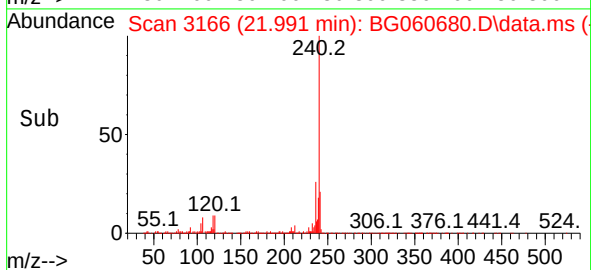
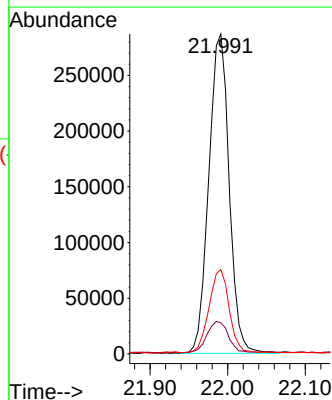
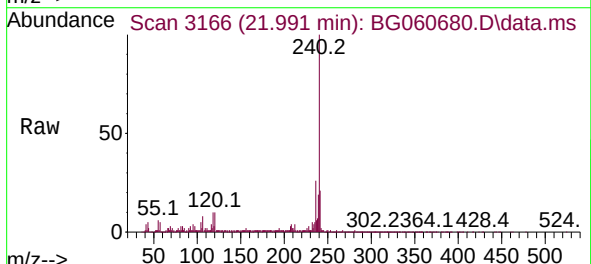
Instrument :
BNA_G
ClientSampleId :
SU-04-03182024

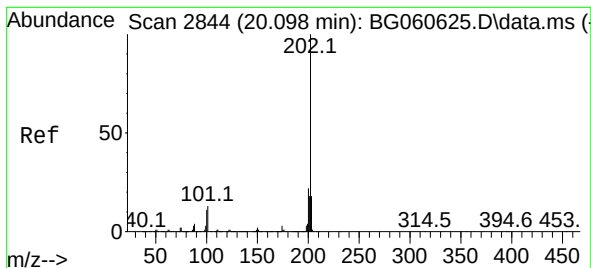
Tgt Ion:202 Resp: 78392
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.2
203 18.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.991 min Scan# 3166
Delta R.T. 0.001 min
Lab File: BG060680.D
Acq: 19 Mar 2024 14:07

Tgt Ion:240 Resp: 524351
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.8
236 26.4 20.6 31.0





#78

Pyrene

Concen: 2.401 ng

RT: 20.070 min Scan# 2839

Delta R.T. -0.004 min

Lab File: BG060680.D

Acq: 19 Mar 2024 14:07

Instrument :

BNA_G

ClientSampleId :

SU-04-03182024

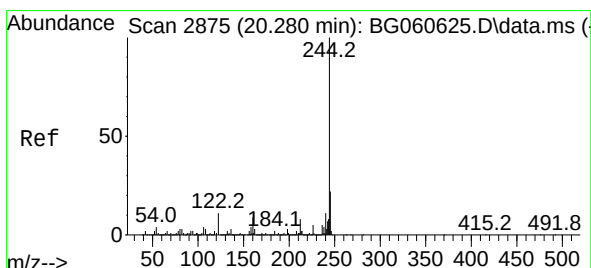
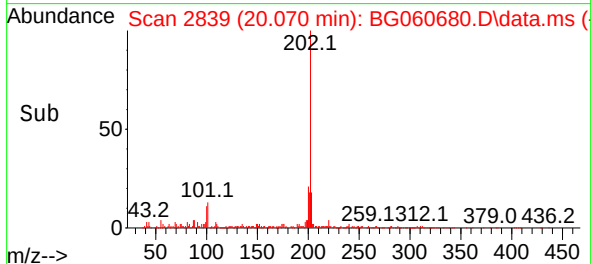
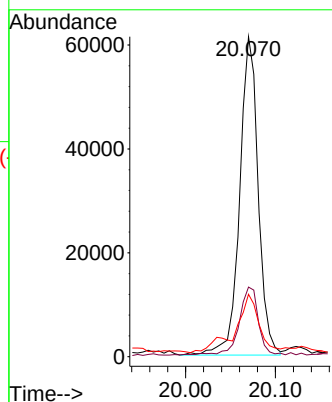
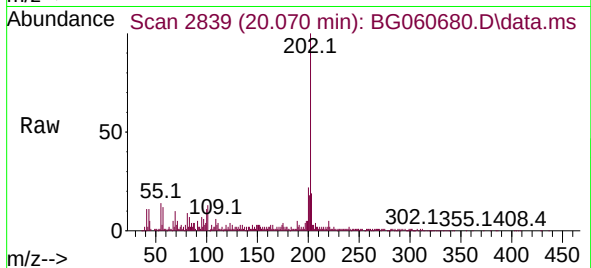
Tgt Ion:202 Resp: 87871

Ion Ratio Lower Upper

202 100

200 21.8 17.9 26.9

203 19.5 14.3 21.5



#79

Terphenyl-d14

Concen: 25.357 ng

RT: 20.252 min Scan# 2870

Delta R.T. -0.004 min

Lab File: BG060680.D

Acq: 19 Mar 2024 14:07

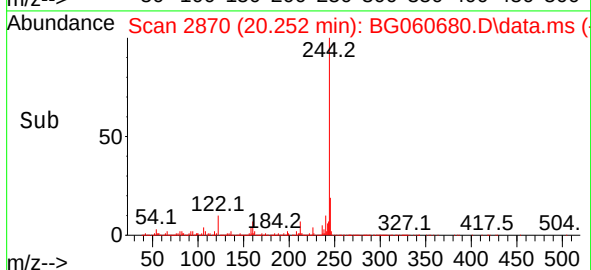
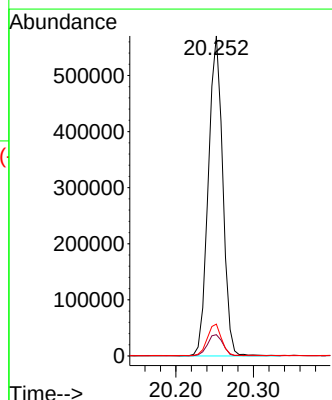
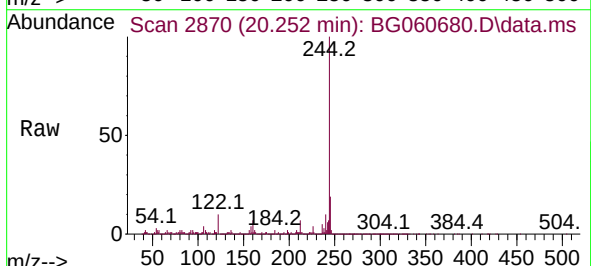
Tgt Ion:244 Resp: 735574

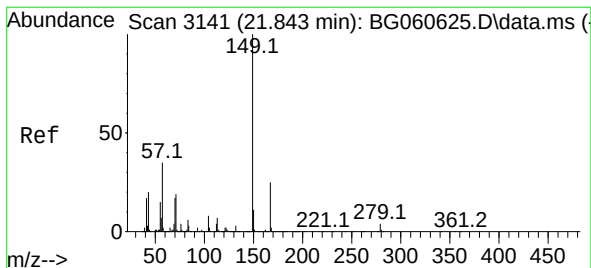
Ion Ratio Lower Upper

244 100

212 6.7 6.6 9.8

122 10.0 8.5 12.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.069 ng

RT: 21.803 min Scan# 3141

Delta R.T. -0.004 min

Lab File: BG060680.D

Acq: 19 Mar 2024 14:07

Instrument :

BNA_G

ClientSampleId :

SU-04-03182024

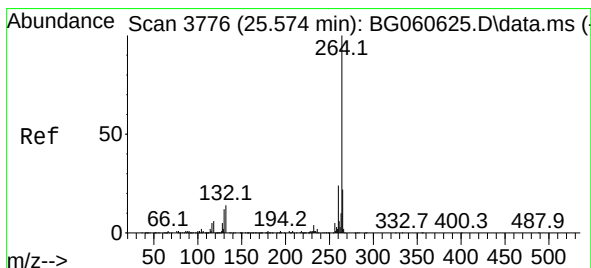
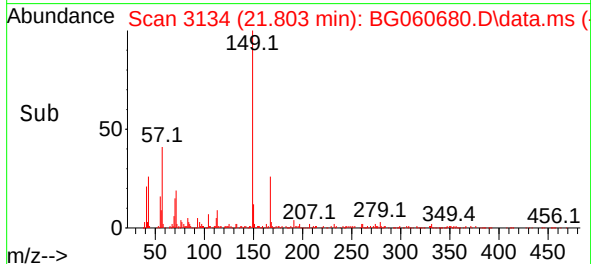
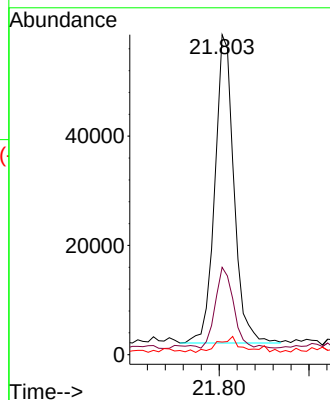
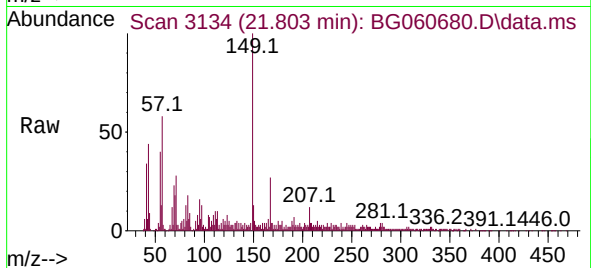
Tgt Ion:149 Resp: 83146

Ion Ratio Lower Upper

149 100

167 27.3 19.9 29.9

279 4.0 3.0 4.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.528 min Scan# 3768

Delta R.T. 0.001 min

Lab File: BG060680.D

Acq: 19 Mar 2024 14:07

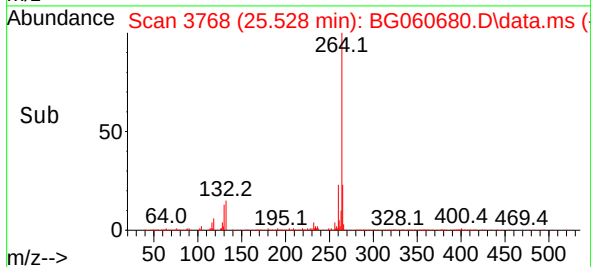
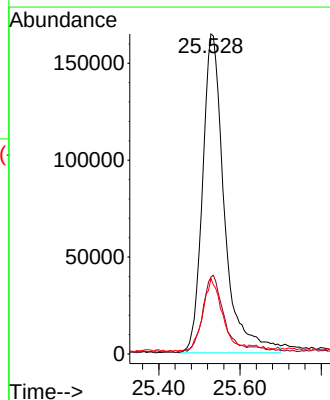
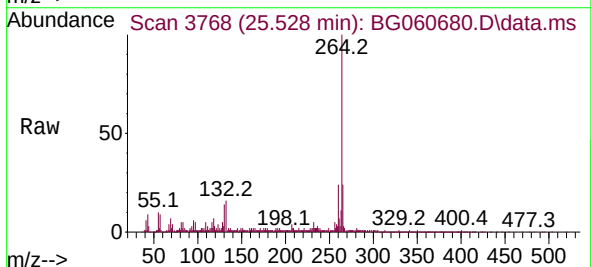
Tgt Ion:264 Resp: 613985

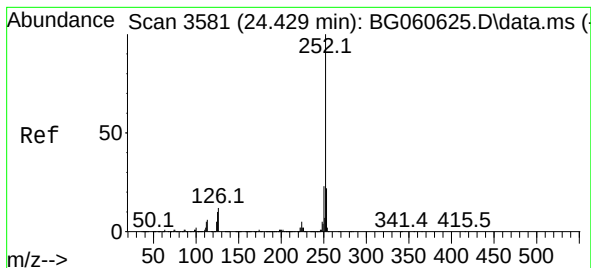
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 23.6 18.1 27.1





#88

Benzo(b)fluoranthene

Concen: 2.183 ng

RT: 24.388 min Scan# 3574

Delta R.T. 0.002 min

Lab File: BG060680.D

Acq: 19 Mar 2024 14:07

Instrument :

BNA_G

ClientSampleId :

SU-04-03182024

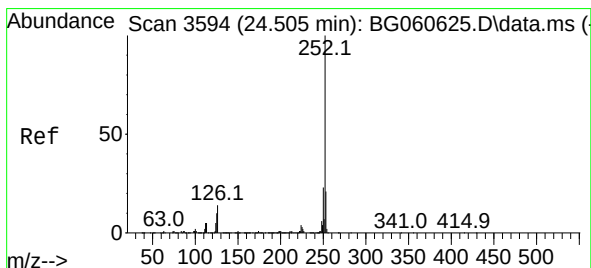
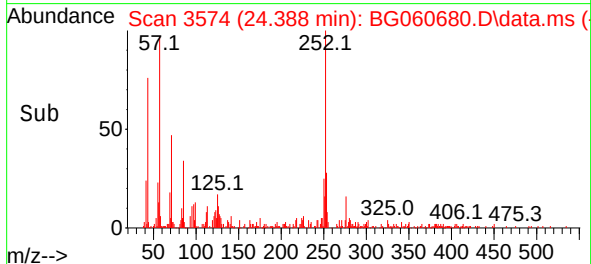
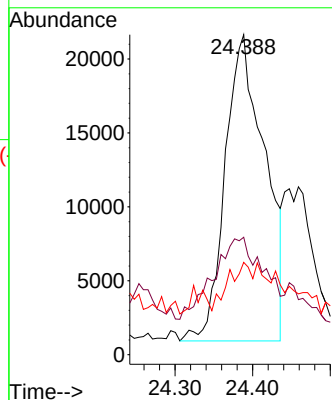
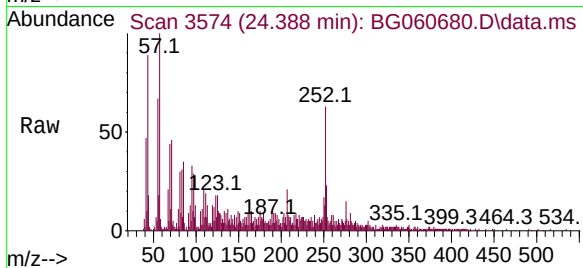
Tgt Ion:252 Resp: 73750

Ion Ratio Lower Upper

252 100

253 36.7 17.6 26.4#

125 28.8 7.8 11.6#



#89

Benzo(k)fluoranthene

Concen: 2.078 ng

RT: 24.388 min Scan# 3574

Delta R.T. -0.069 min

Lab File: BG060680.D

Acq: 19 Mar 2024 14:07

Tgt Ion:252 Resp: 73750

Ion Ratio Lower Upper

252 100

253 36.7 17.1 25.7#

125 28.8 8.0 12.0#

