

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060277.D
 Acq On : 5 Jan 2024 19:18
 Operator : MA/JU
 Sample : 05967-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 06 00:45:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

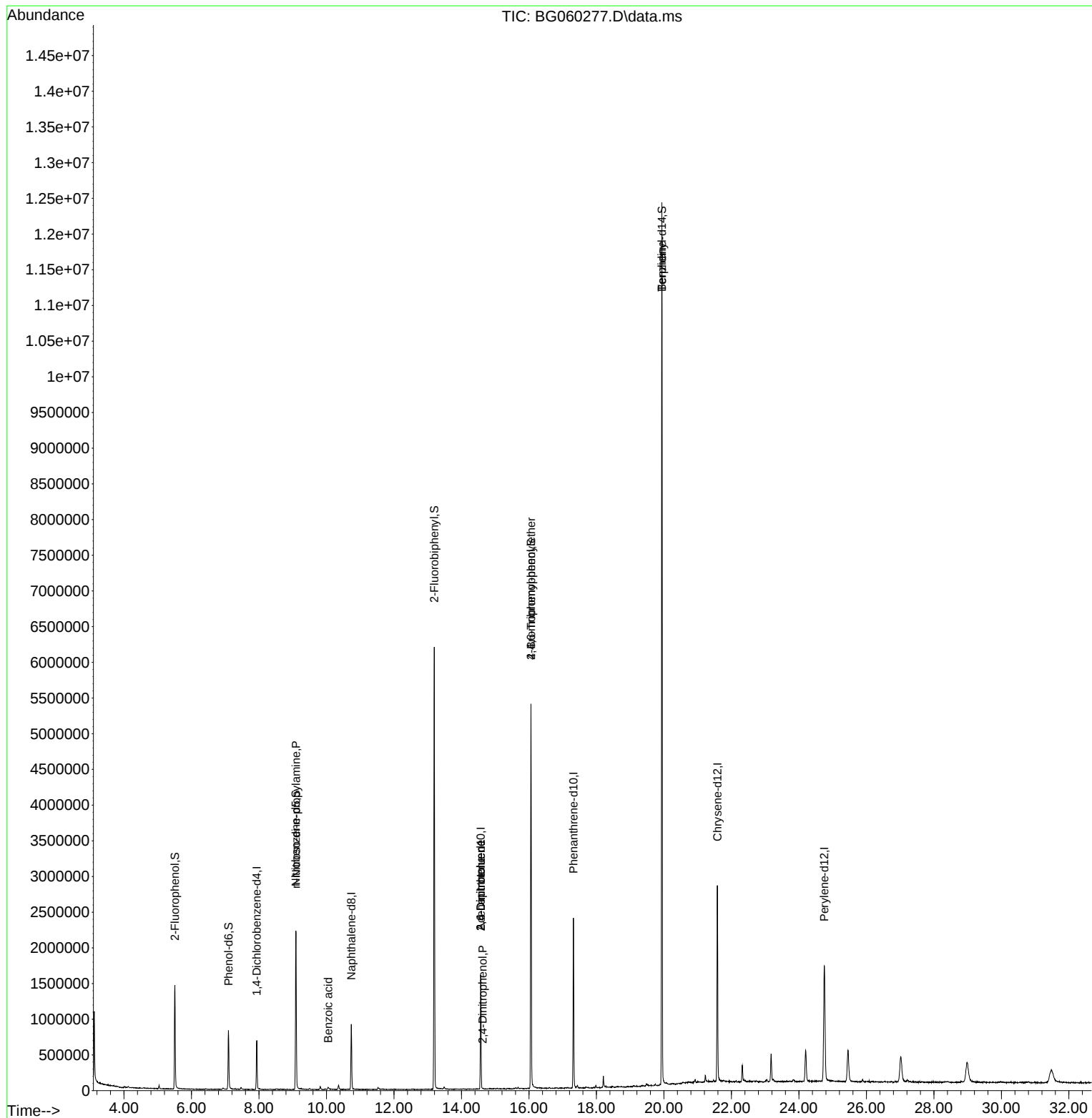
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	209907	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	806773	20.000	ng	0.00
39) Acenaphthene-d10	14.567	164	566251	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	1546299	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1590210	20.000	ng	0.00
86) Perylene-d12	24.756	264	1825008	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	722521	51.953	ng	0.00
7) Phenol-d6	7.094	99	586758	28.416	ng	0.00
23) Nitrobenzene-d5	9.092	82	1554857	89.020	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	1152020	151.984	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	3417250	86.734	ng	0.00
79) Terphenyl-d14	19.938	244	5509623	66.609	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.097	70	186325	13.209	ng	# 81
32) Benzoic acid	10.049	122	1205	10.390	ng	96
51) 2,6-Dinitrotoluene	14.567	165	78089	8.587	ng	# 29
54) 2,4-Dinitrophenol	14.626	184	61	8.247	ng	# 1
57) 2,4-Dinitrotoluene	14.567	165	78089	6.315	ng	# 27
67) 4-Bromophenyl-phenylether	16.060	248	69828	4.259	ng	# 1
77) Benzidine	19.938	184	99847	2.269	ng	# 92

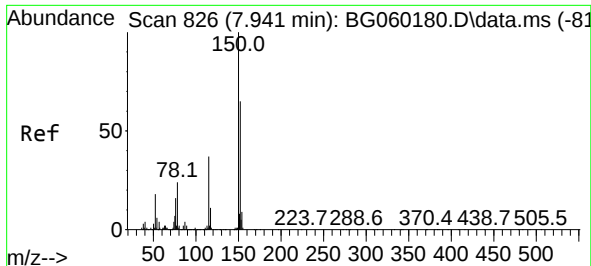
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
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Quant Time: Jan 06 00:45:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

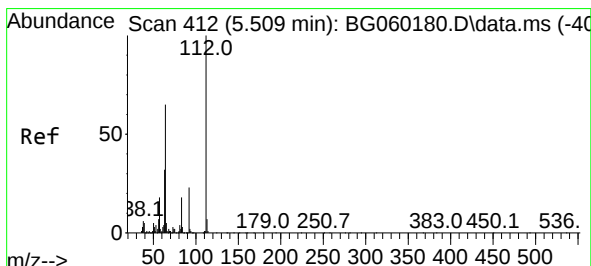
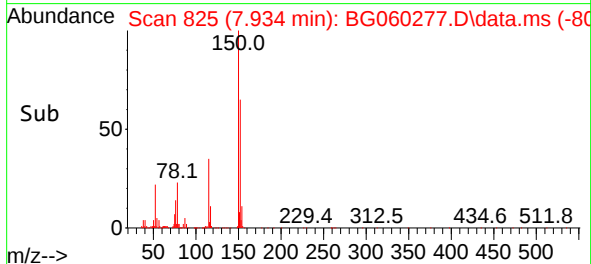
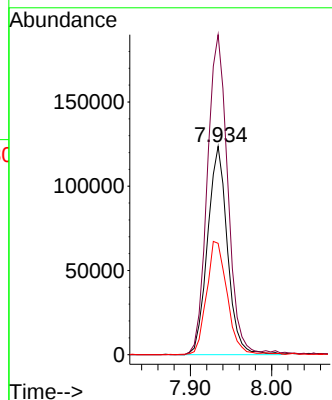
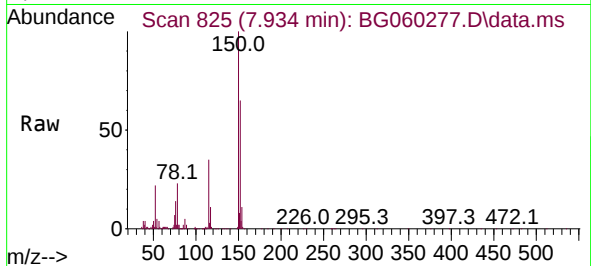




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

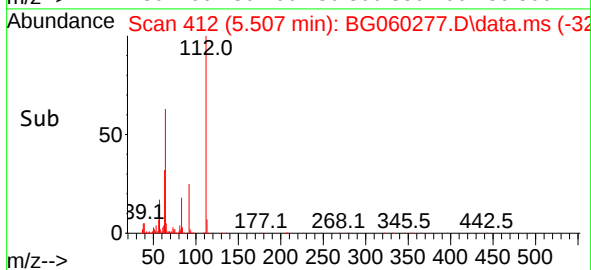
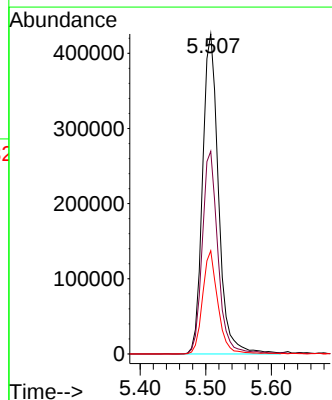
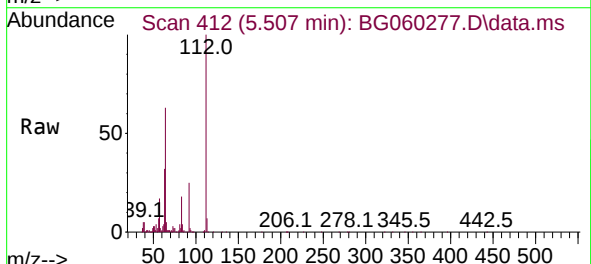
Instrument :
BNA_G
ClientSampleId :

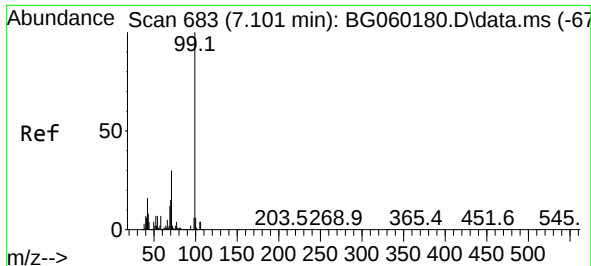
Tgt Ion:152 Resp: 209907
Ion Ratio Lower Upper
152 100
150 153.6 123.4 185.0
115 53.5 45.4 68.0



#5
2-Fluorophenol
Concen: 51.953 ng
RT: 5.507 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

Tgt Ion:112 Resp: 722521
Ion Ratio Lower Upper
112 100
64 63.4 52.2 78.4
63 32.3 25.4 38.0

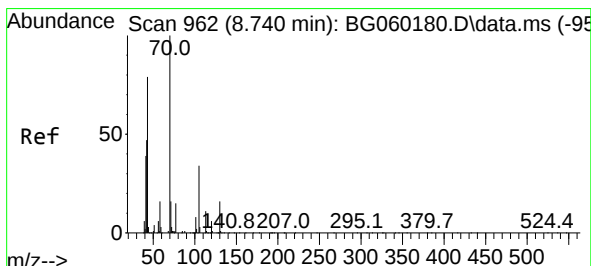
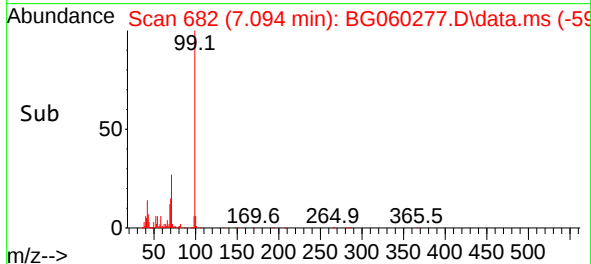
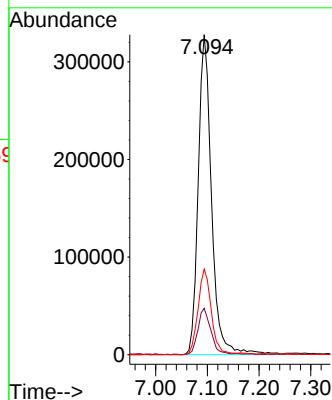
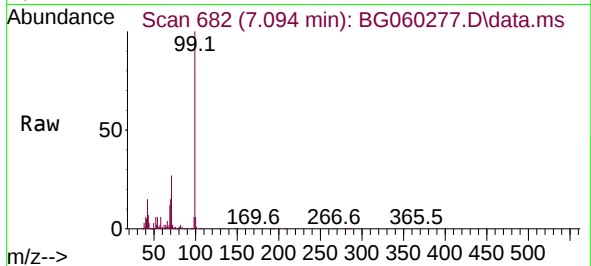




#7
Phenol-d6
Concen: 28.416 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

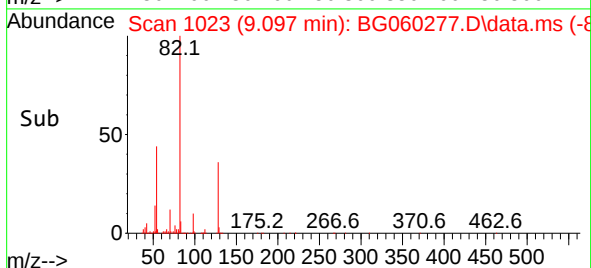
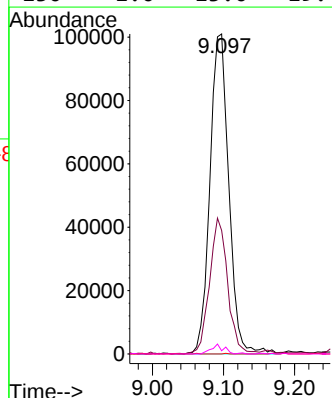
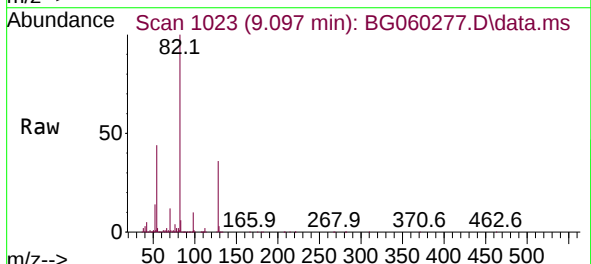
Instrument :
BNA_G
ClientSampleId :

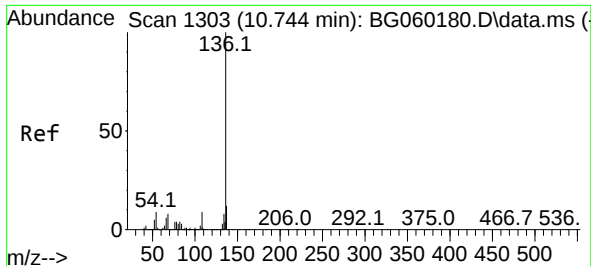
Tgt Ion: 99 Resp: 586758
Ion Ratio Lower Upper
99 100
42 14.5 12.5 18.7
71 26.8 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.209 ng
RT: 9.097 min Scan# 1023
Delta R.T. 0.357 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

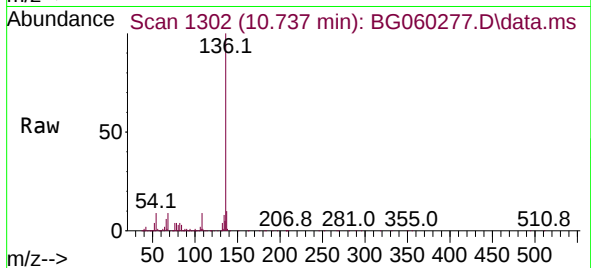
Tgt Ion: 70 Resp: 186325
Ion Ratio Lower Upper
70 100
42 38.6 37.9 56.9
101 0.0 6.2 9.2#
130 1.0 13.0 19.4#



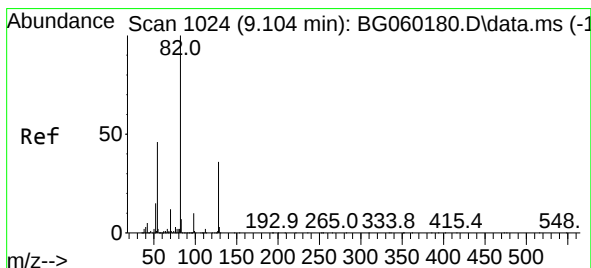
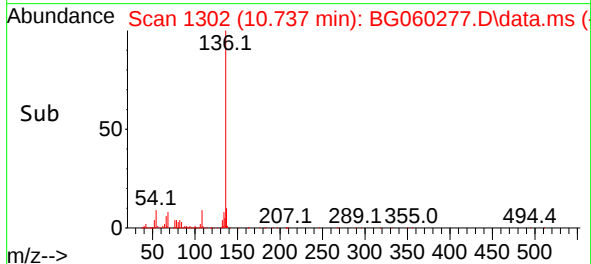
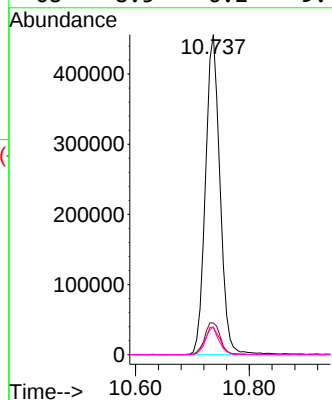


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

Instrument :
BNA_G
ClientSampleId :

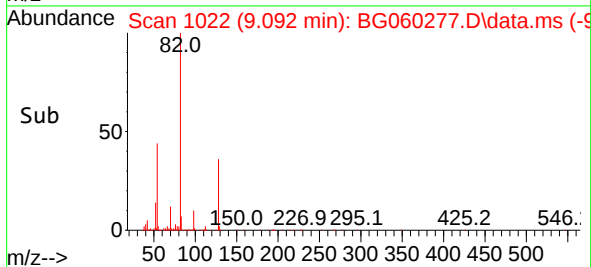
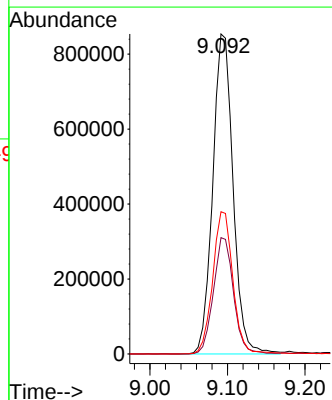
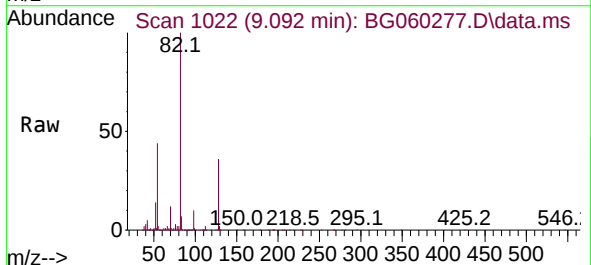


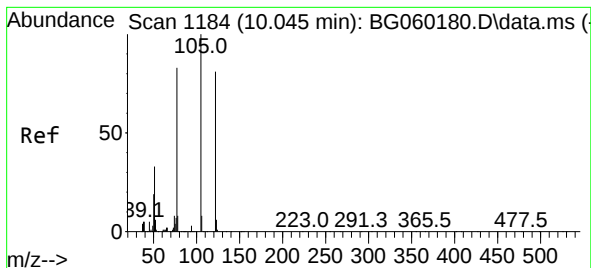
Tgt Ion:136 Resp: 806773
Ion Ratio Lower Upper
136 100
137 9.9 9.4 14.0
54 8.6 7.4 11.2
68 8.5 6.2 9.4



#23
Nitrobenzene-d5
Concen: 89.020 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.013 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

Tgt Ion: 82 Resp: 1554857
Ion Ratio Lower Upper
82 100
128 36.4 28.7 43.1
54 44.4 36.9 55.3





#32

Benzoic acid

Concen: 10.390 ng

RT: 10.049 min Scan# 1184

Delta R.T. 0.004 min

Lab File: BG060277.D

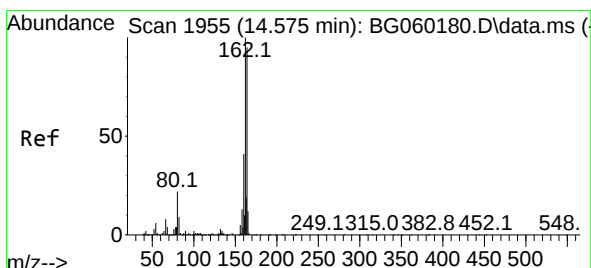
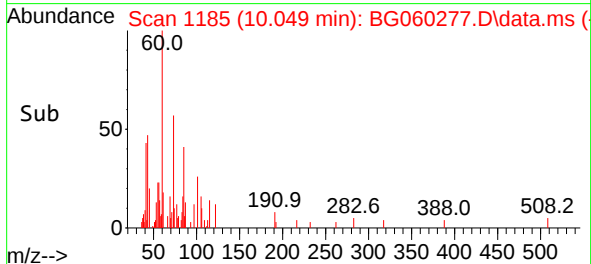
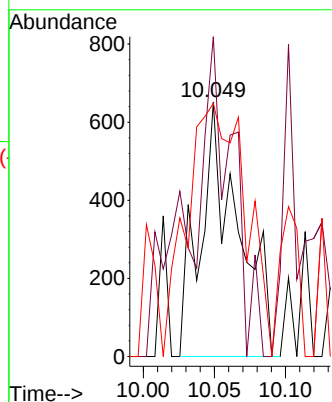
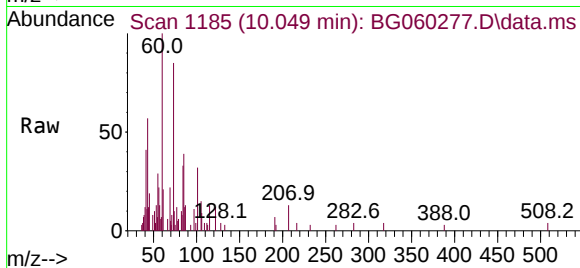
Acq: 5 Jan 2024 19:18

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	122	Resp:	1205
Ion	Ratio	Lower	Upper
122	100		
105	125.6	99.2	139.2
77	99.4	81.0	121.0



#39

Acenaphthene-d10

Concen: 20.000 ng

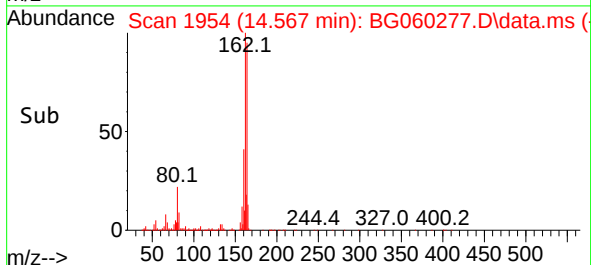
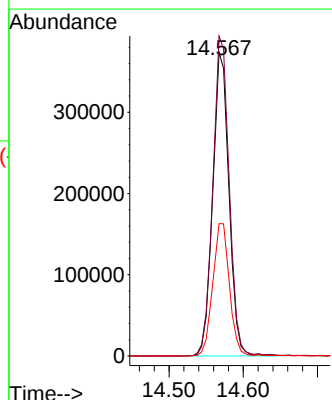
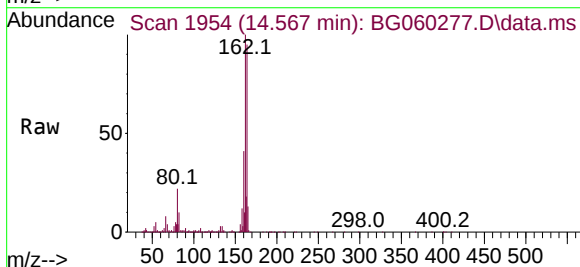
RT: 14.567 min Scan# 1954

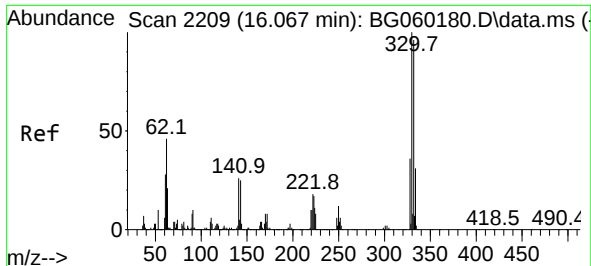
Delta R.T. -0.007 min

Lab File: BG060277.D

Acq: 5 Jan 2024 19:18

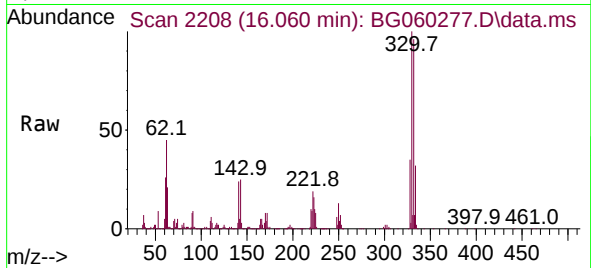
Tgt Ion:	164	Resp:	566251
Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.9	125.9
160	43.6	34.2	51.4



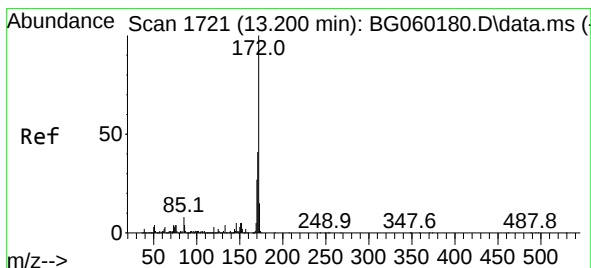
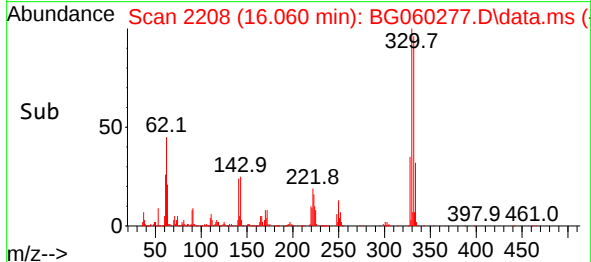
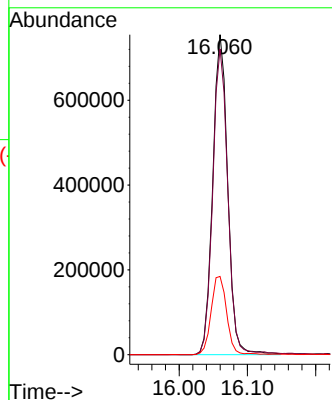


#42
2,4,6-Tribromophenol
Concen: 151.984 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

Instrument :
BNA_G
ClientSampleId :

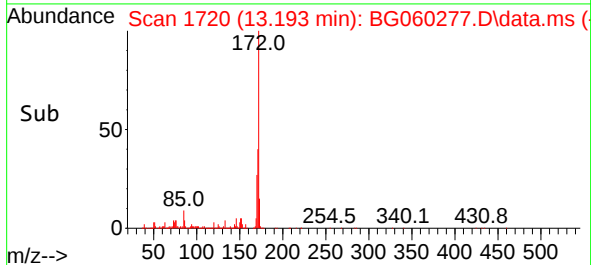
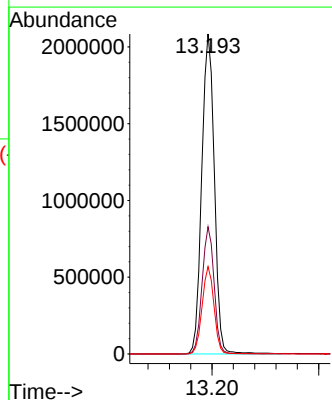
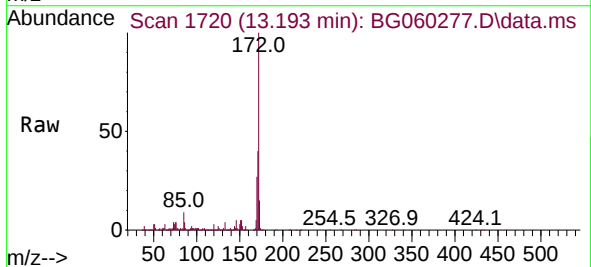


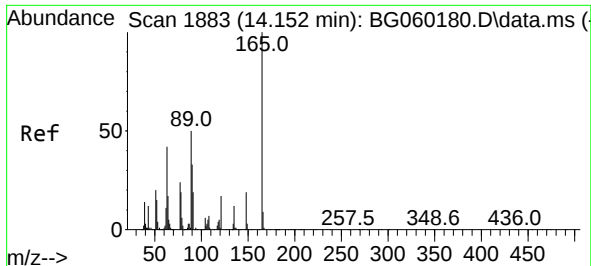
Tgt Ion:330 Resp: 1152020
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 25.5 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 86.734 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

Tgt Ion:172 Resp: 3417250
Ion Ratio Lower Upper
172 100
171 39.8 32.6 48.8
170 27.3 21.8 32.6





#51

2,6-Dinitrotoluene

Concen: 8.587 ng

RT: 14.567 min Scan# 1954

Delta R.T. 0.416 min

Lab File: BG060277.D

Acq: 5 Jan 2024 19:18

Instrument :

BNA_G

ClientSampleId :

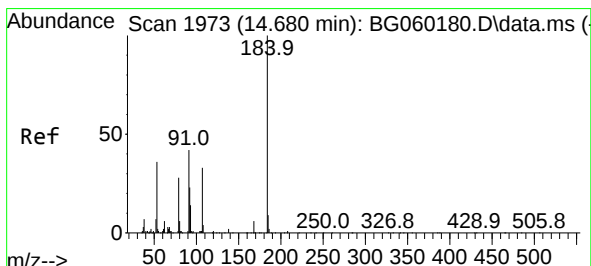
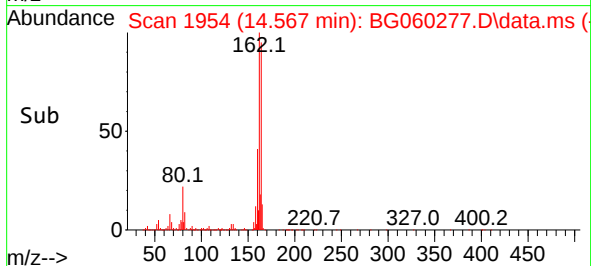
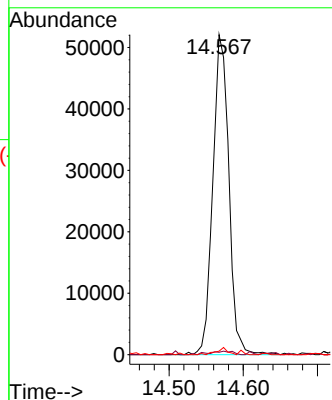
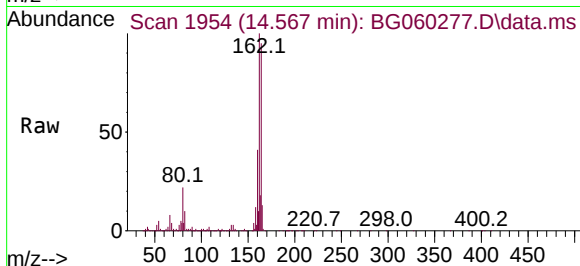
Tgt Ion:165 Resp: 78089

Ion Ratio Lower Upper

165 100

63 0.8 39.3 58.9#

89 1.1 39.8 59.8#



#54

2,4-Dinitrophenol

Concen: 8.247 ng

RT: 14.626 min Scan# 1964

Delta R.T. -0.054 min

Lab File: BG060277.D

Acq: 5 Jan 2024 19:18

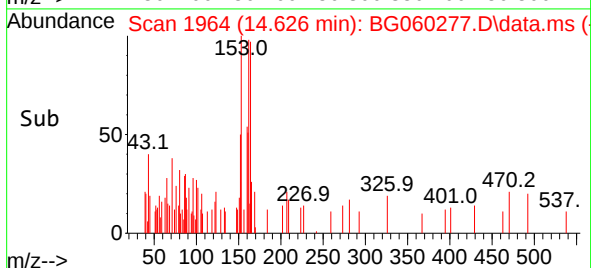
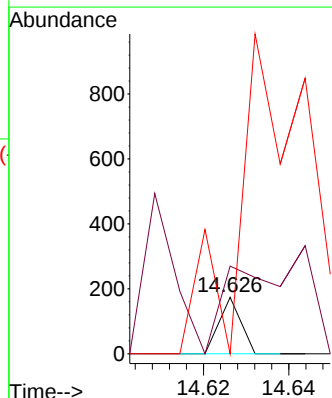
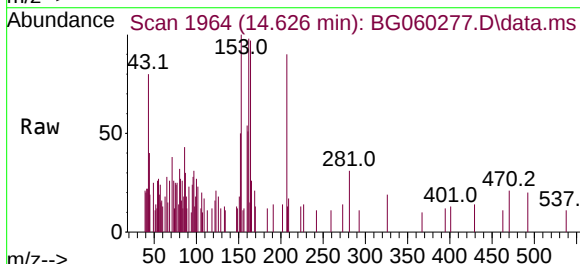
Tgt Ion:184 Resp: 61

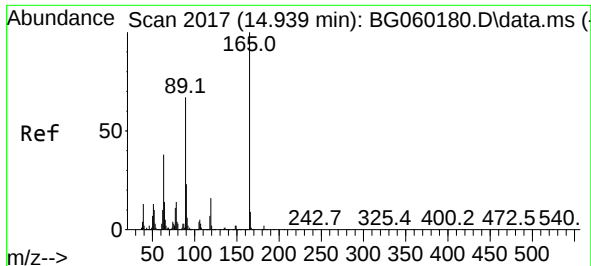
Ion Ratio Lower Upper

184 100

63 155.2 45.4 68.2#

154 0.0 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 6.315 ng

RT: 14.567 min Scan# 1954

Delta R.T. -0.371 min

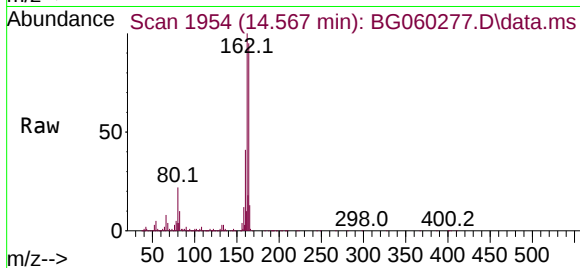
Lab File: BG060277.D

Acq: 5 Jan 2024 19:18

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 78089

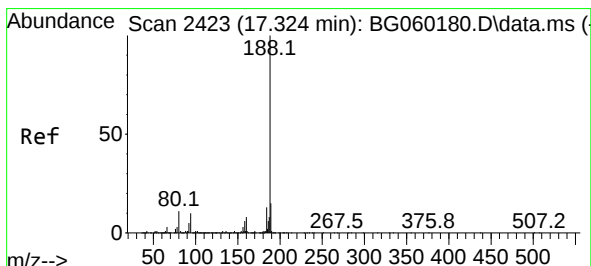
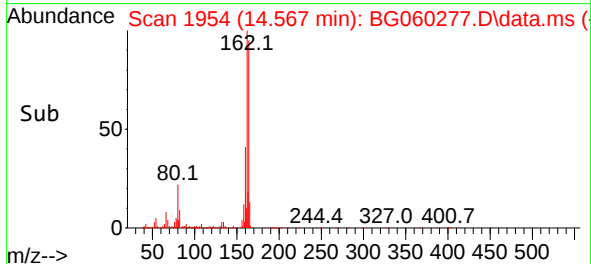
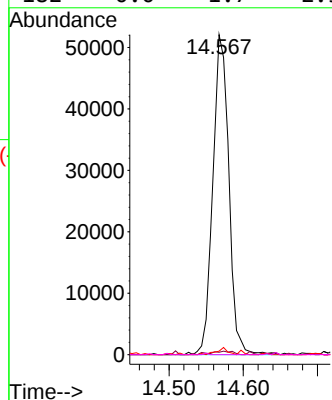
Ion Ratio Lower Upper

165 100

63 0.8 31.0 46.6#

89 1.1 53.3 79.9#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.317 min Scan# 2422

Delta R.T. -0.007 min

Lab File: BG060277.D

Acq: 5 Jan 2024 19:18

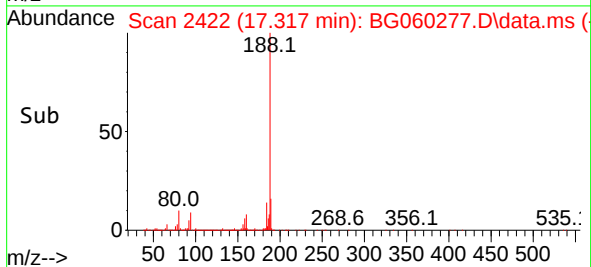
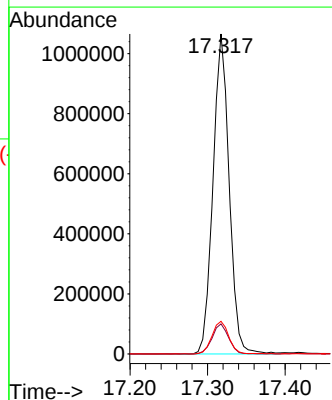
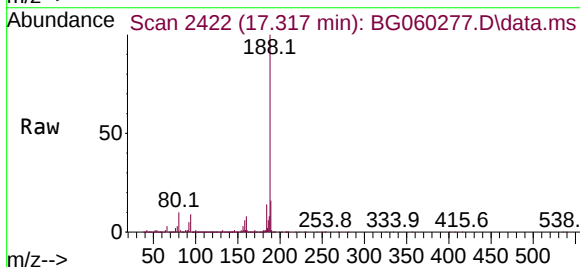
Tgt Ion:188 Resp: 1546299

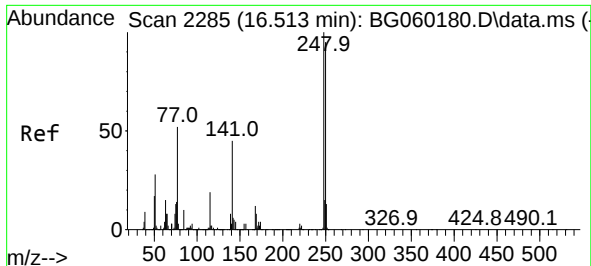
Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

80 10.2 8.6 13.0

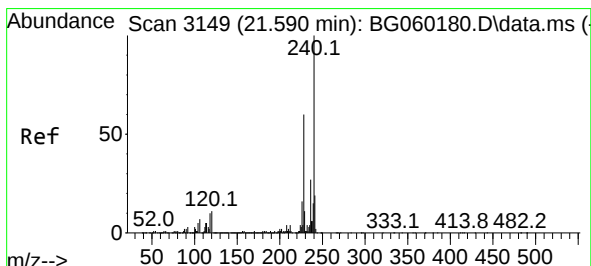
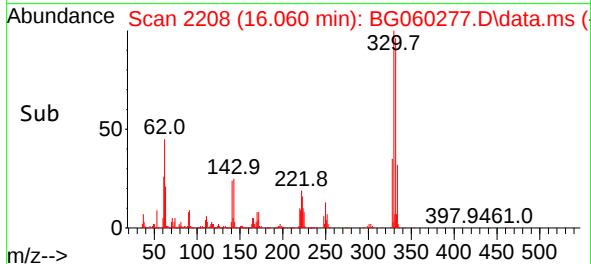
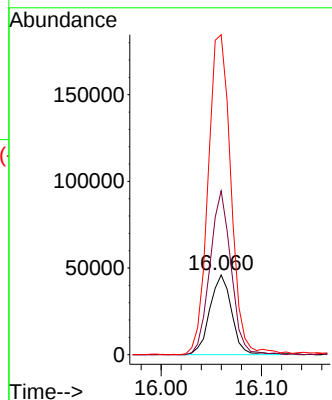
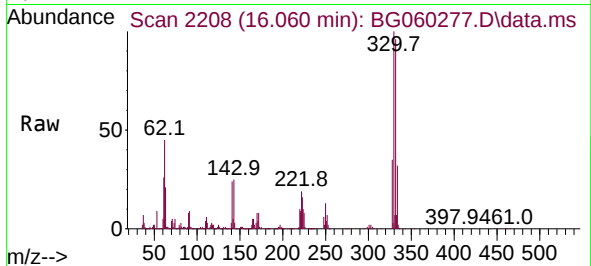




#67
4-Bromophenyl-phenylether
Concen: 4.259 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

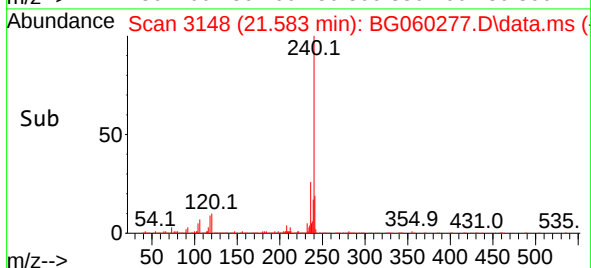
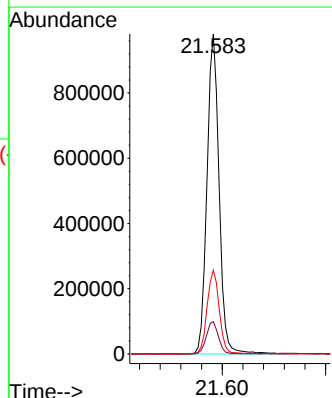
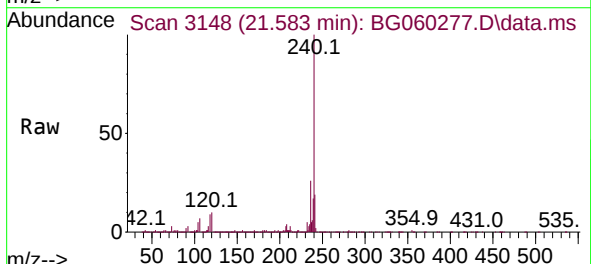
Instrument :
BNA_G
ClientSampleId :

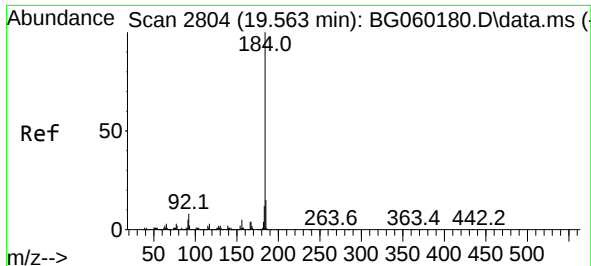
Tgt Ion:248 Resp: 69828
Ion Ratio Lower Upper
248 100
250 205.8 76.2 114.4#
141 401.8 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3148
Delta R.T. -0.007 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

Tgt Ion:240 Resp: 1590210
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 26.2 21.4 32.2

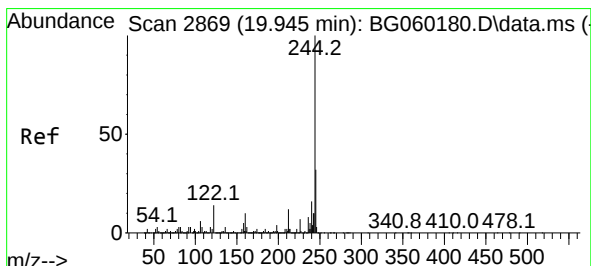
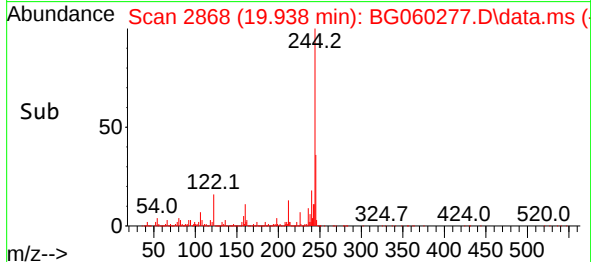
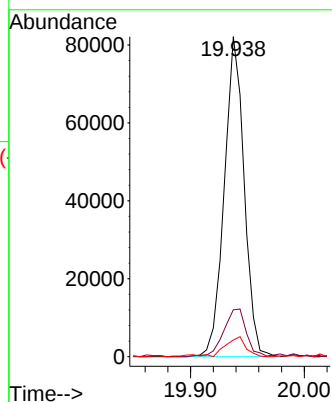
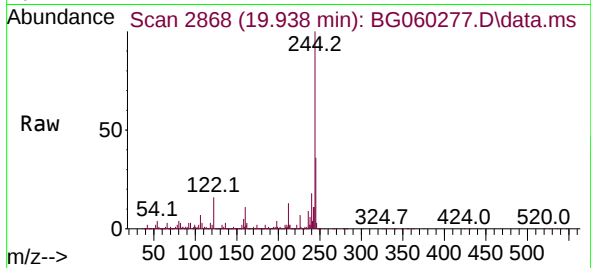




#77
Benzidine
Concen: 2.269 ng
RT: 19.938 min Scan# 2868
Delta R.T. 0.375 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

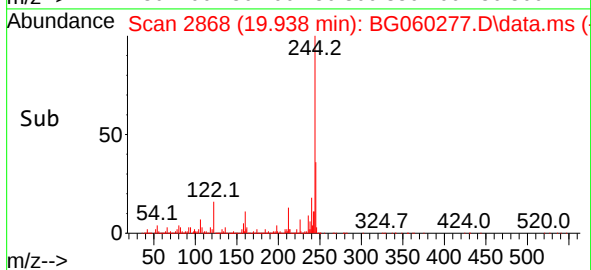
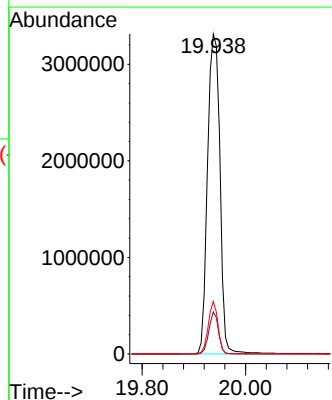
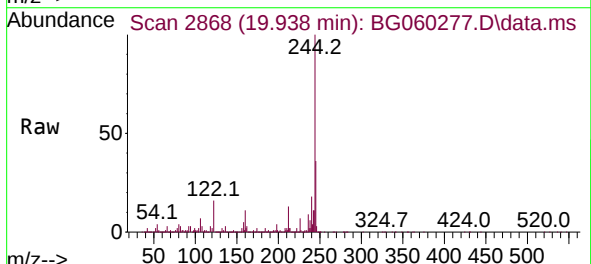
Instrument :
BNA_G
ClientSampleId :

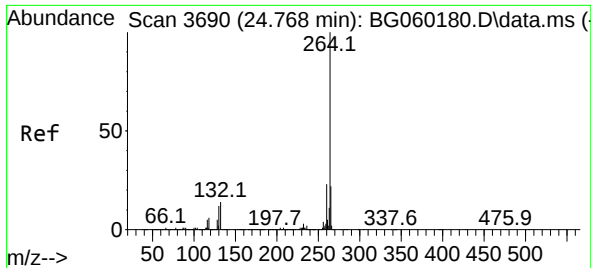
Tgt Ion:184 Resp: 99847
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 5.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 66.609 ng
RT: 19.938 min Scan# 2868
Delta R.T. -0.007 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

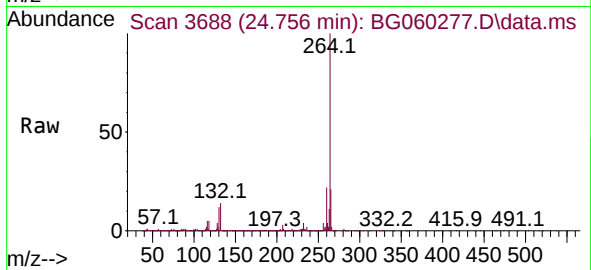
Tgt Ion:244 Resp: 5509623
Ion Ratio Lower Upper
244 100
212 13.2 9.5 14.3
122 16.4 11.4 17.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.756 min Scan# 30
Delta R.T. -0.013 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 1825008

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.0	27.0
265	20.7	17.4	26.0

