

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060217.D
 Acq On : 3 Jan 2024 7:19
 Operator : MA/JU
 Sample : 05898-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 07:52:42 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)

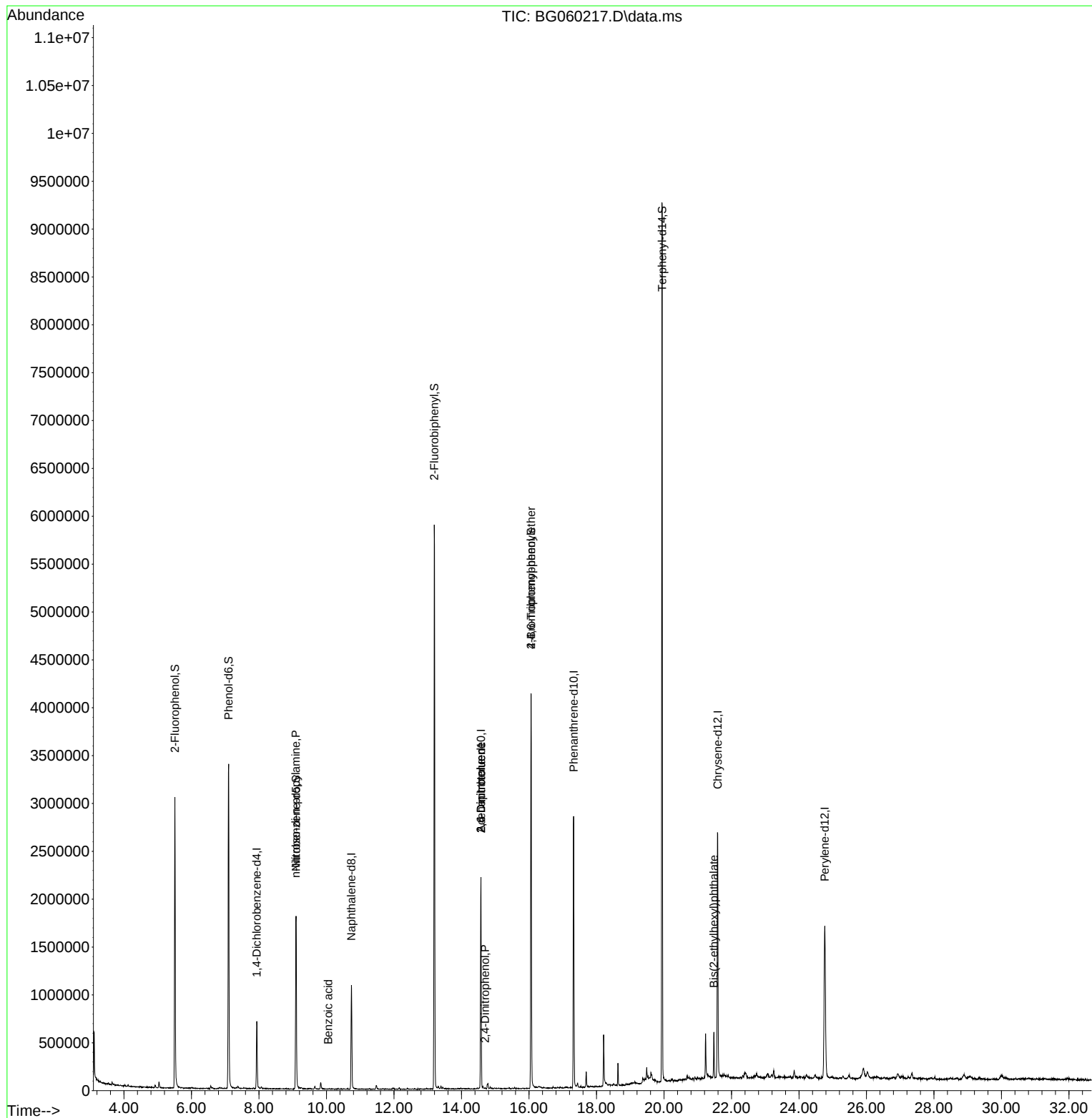
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	216102	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	969095	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	786043	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1911081	20.000	ng	0.00
76) Chrysene-d12	21.591	240	1581613	20.000	ng	0.00
86) Perylene-d12	24.764	264	1796915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1439024	100.507	ng	0.00
7) Phenol-d6	7.102	99	2244040	105.560	ng	0.00
23) Nitrobenzene-d5	9.100	82	1244573	59.320	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	840314	79.863	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	3226452	58.993	ng	0.00
79) Terphenyl-d14	19.946	244	4440127	53.971	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.094	70	149656	10.305	ng	# 83
32) Benzoic acid	10.051	122	87	10.277	ng	# 1
51) 2,6-Dinitrotoluene	14.576	165	100610	7.970	ng	# 30
54) 2,4-Dinitrophenol	14.699	184	96	8.248	ng	# 36
57) 2,4-Dinitrotoluene	14.576	165	100610	5.862	ng	# 27
67) 4-Bromophenyl-phenylether	16.062	248	49523	2.444	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.479	149	198954	4.185	ng	99

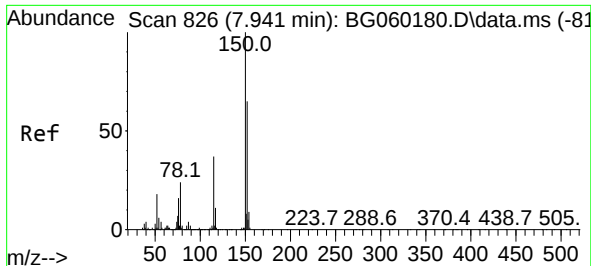
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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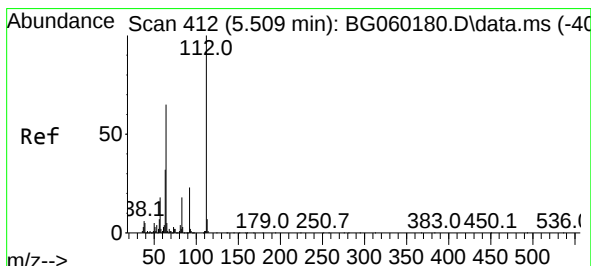
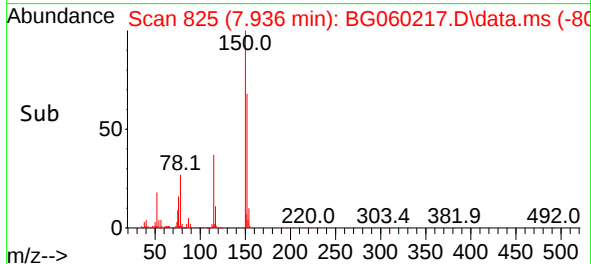
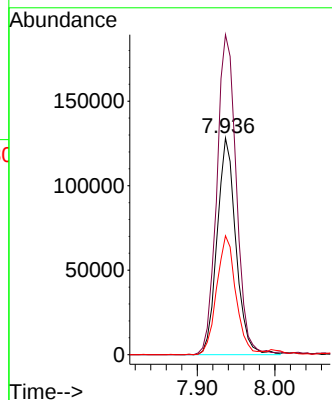
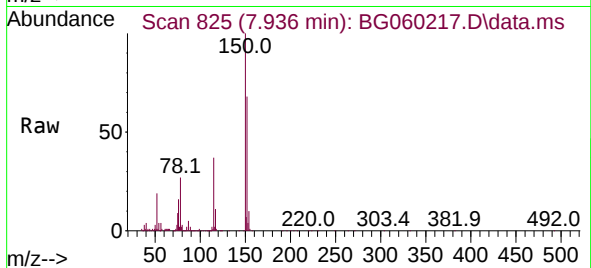




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060217.D
Acq: 3 Jan 2024 7:19

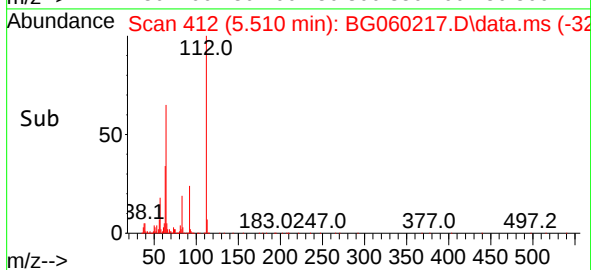
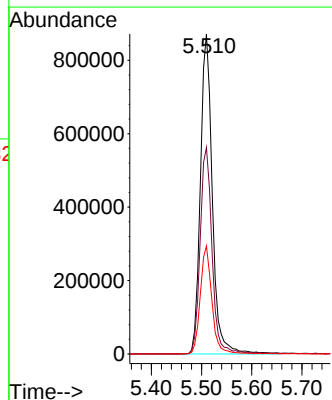
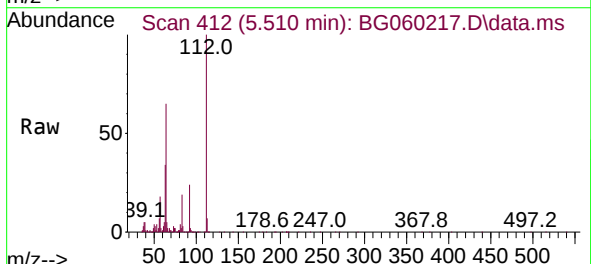
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 216102
Ion Ratio Lower Upper
152 100
150 147.7 123.4 185.0
115 54.9 45.4 68.0



#5
2-Fluorophenol
Concen: 100.507 ng
RT: 5.510 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060217.D
Acq: 3 Jan 2024 7:19

Tgt Ion:112 Resp: 1439024
Ion Ratio Lower Upper
112 100
64 64.6 52.2 78.4
63 33.8 25.4 38.0

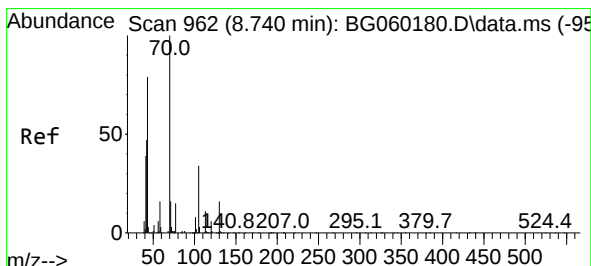
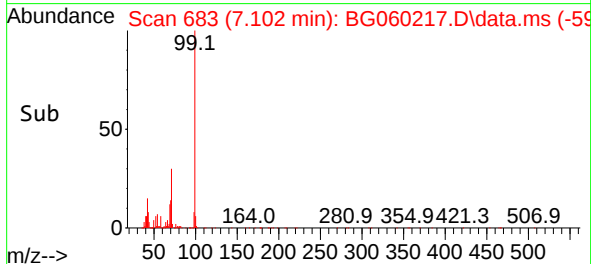
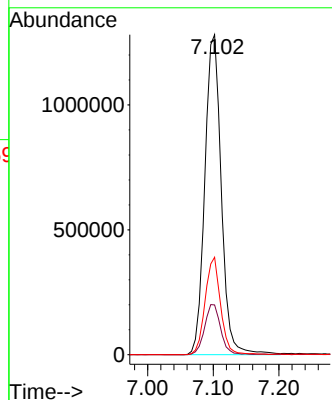
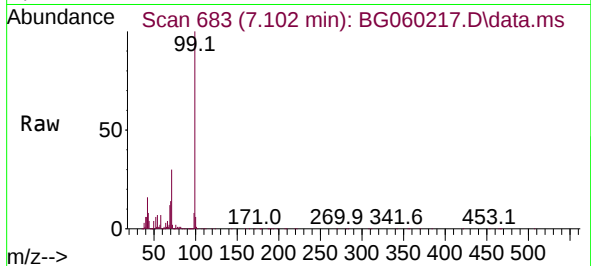




#7
Phenol-d6
Concen: 105.560 ng
RT: 7.102 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060217.D
Acq: 3 Jan 2024 7:19

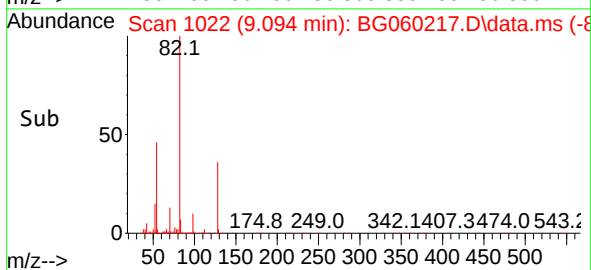
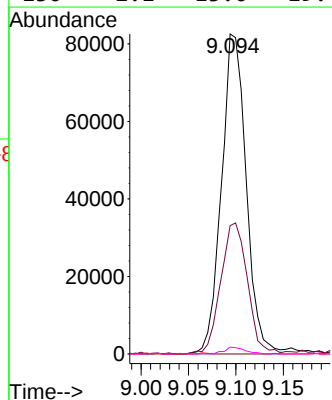
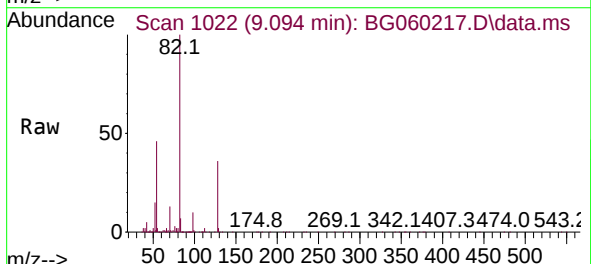
Instrument :
BNA_G
ClientSampleId :

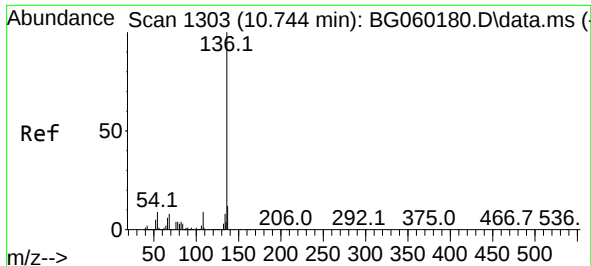
Tgt Ion: 99 Resp: 2244040
Ion Ratio Lower Upper
99 100
42 15.5 12.5 18.7
71 30.4 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.305 ng
RT: 9.094 min Scan# 1022
Delta R.T. 0.354 min
Lab File: BG060217.D
Acq: 3 Jan 2024 7:19

Tgt Ion: 70 Resp: 149656
Ion Ratio Lower Upper
70 100
42 40.1 37.9 56.9
101 0.0 6.2 9.2#
130 2.1 13.0 19.4#

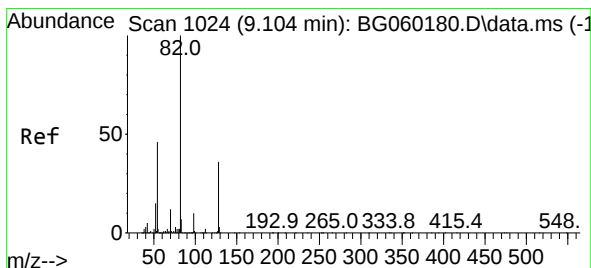
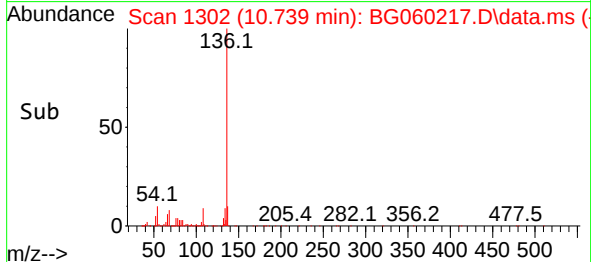
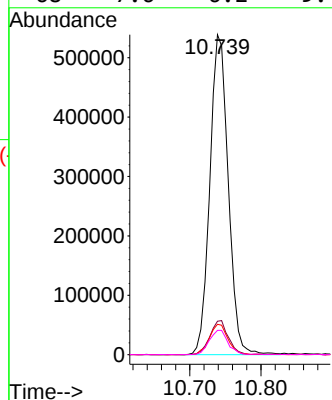
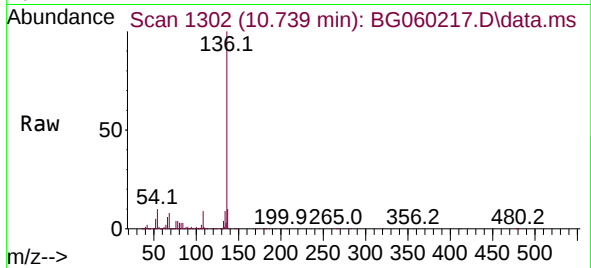




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060217.D
Acq: 3 Jan 2024 7:19

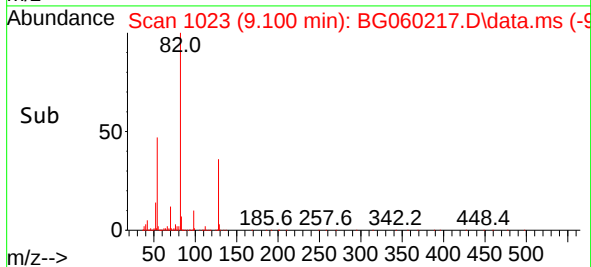
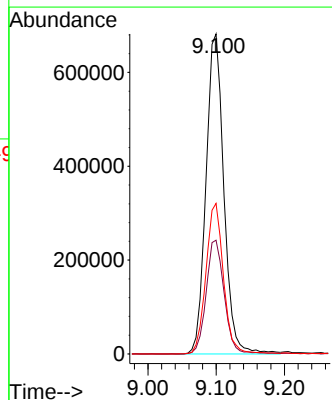
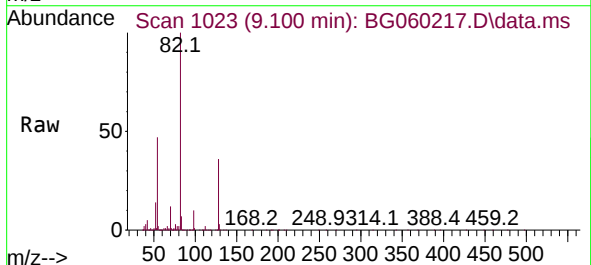
Instrument :
BNA_G
ClientSampleId :

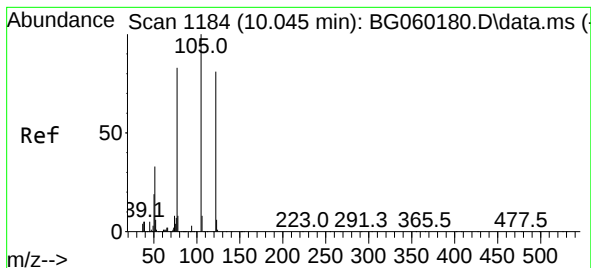
Tgt Ion:136 Resp: 969095
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.0
54 9.5 7.4 11.2
68 7.6 6.2 9.4



#23
Nitrobenzene-d5
Concen: 59.320 ng
RT: 9.100 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG060217.D
Acq: 3 Jan 2024 7:19

Tgt Ion: 82 Resp: 1244573
Ion Ratio Lower Upper
82 100
128 35.6 28.7 43.1
54 47.1 36.9 55.3





#32

Benzoic acid

Concen: 10.277 ng

RT: 10.051 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BG060217.D

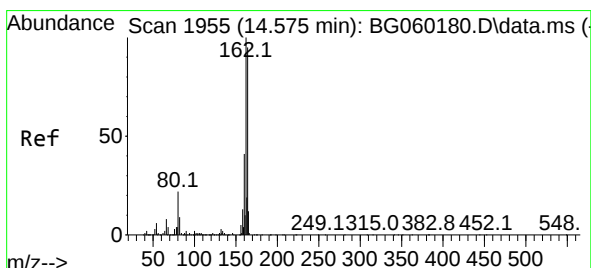
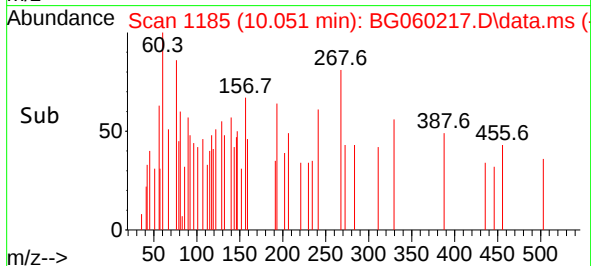
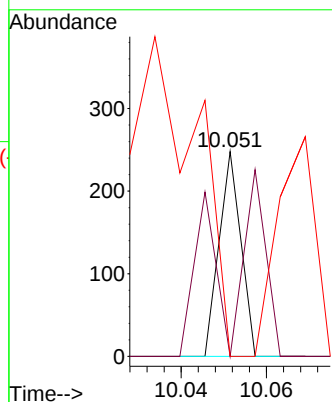
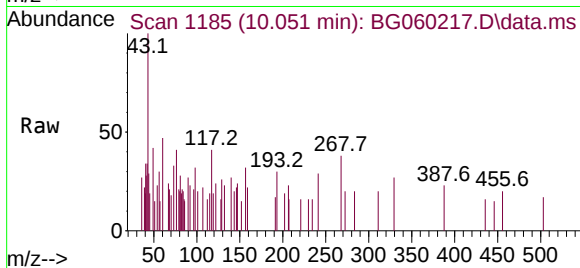
Acq: 3 Jan 2024 7:19

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	122	Resp:	87
Ion Ratio	Lower	Upper	
122	100		
105	0.0	99.2	139.2#
77	0.0	81.0	121.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

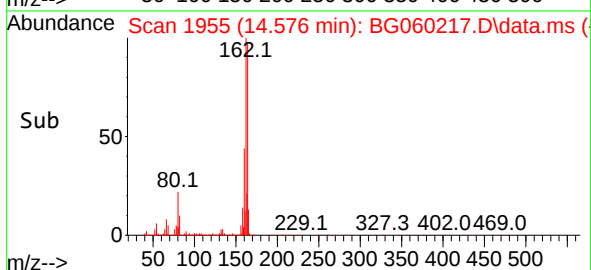
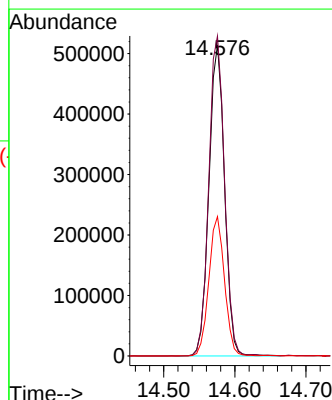
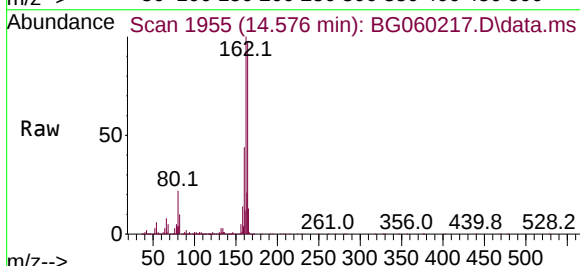
RT: 14.576 min Scan# 1955

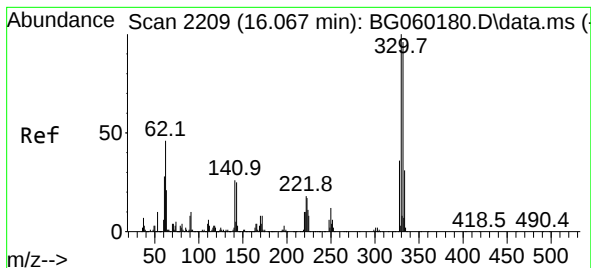
Delta R.T. 0.001 min

Lab File: BG060217.D

Acq: 3 Jan 2024 7:19

Tgt Ion:	164	Resp:	786043
Ion Ratio	Lower	Upper	
164	100		
162	102.9	83.9	125.9
160	44.8	34.2	51.4





#42

2,4,6-Tribromophenol

Concen: 79.863 ng

RT: 16.062 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG060217.D

Acq: 3 Jan 2024 7:19

Instrument :

BNA_G

ClientSampleId :

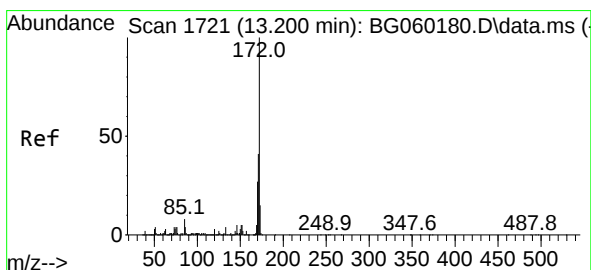
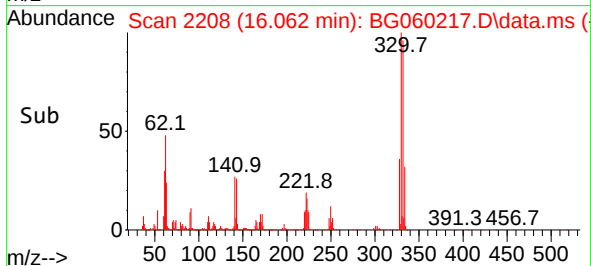
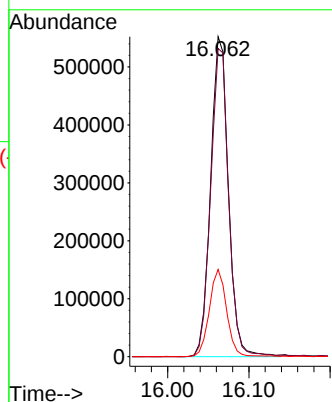
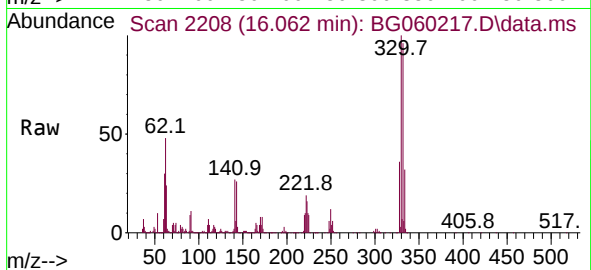
Tgt Ion:330 Resp: 840314

Ion Ratio Lower Upper

330 100

332 97.3 76.7 115.1

141 26.6 21.0 31.4



#45

2-Fluorobiphenyl

Concen: 58.993 ng

RT: 13.195 min Scan# 1720

Delta R.T. -0.005 min

Lab File: BG060217.D

Acq: 3 Jan 2024 7:19

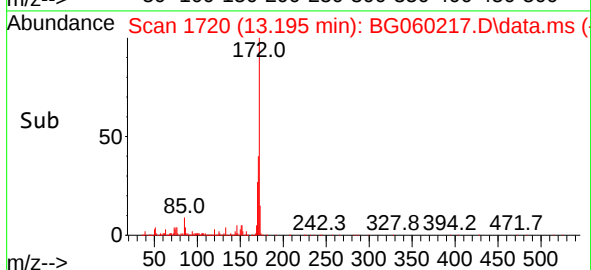
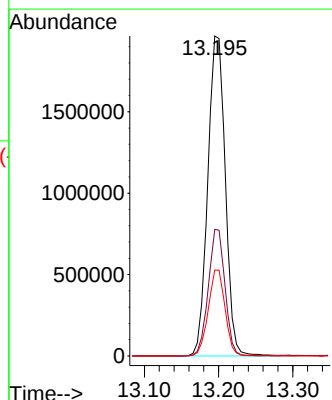
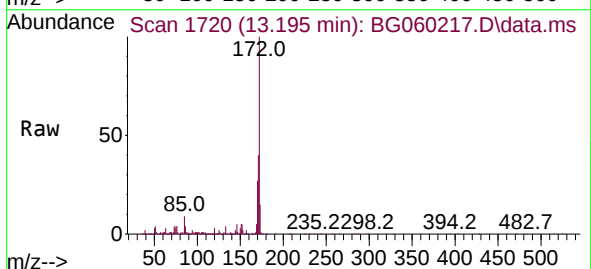
Tgt Ion:172 Resp: 3226452

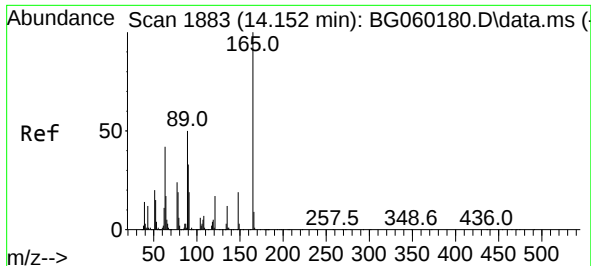
Ion Ratio Lower Upper

172 100

171 39.5 32.6 48.8

170 26.8 21.8 32.6

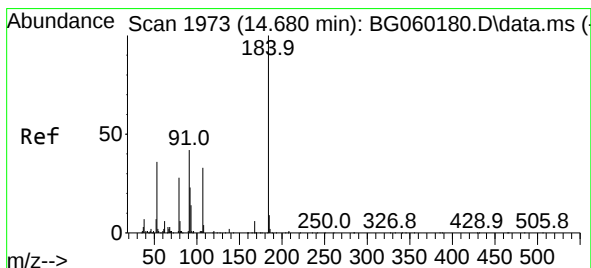
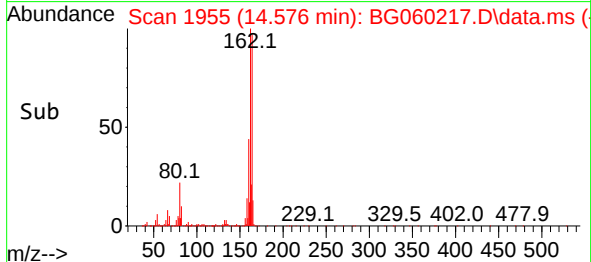
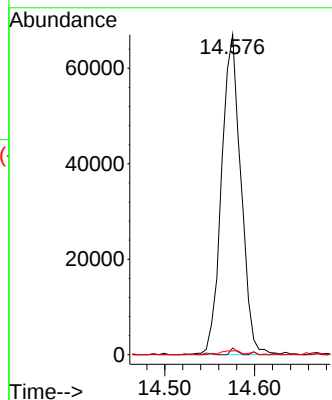
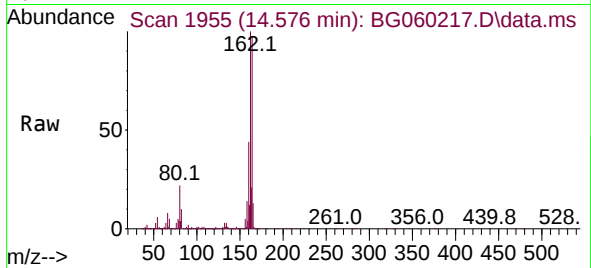




#51
2,6-Dinitrotoluene
Concen: 7.970 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.424 min
Lab File: BG060217.D
Acq: 3 Jan 2024 7:19

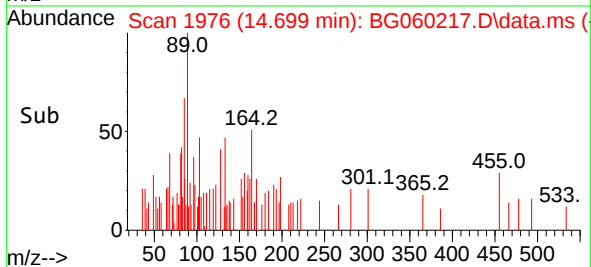
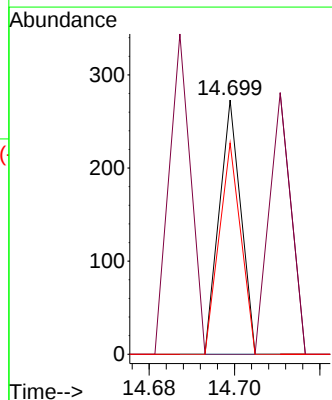
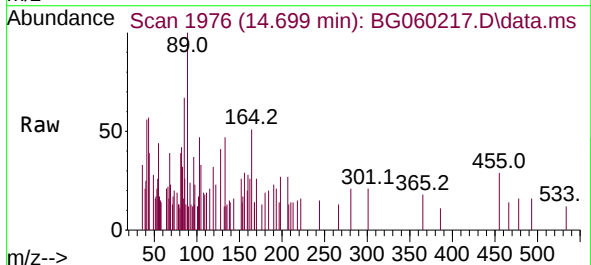
Instrument :
BNA_G
ClientSampleId :

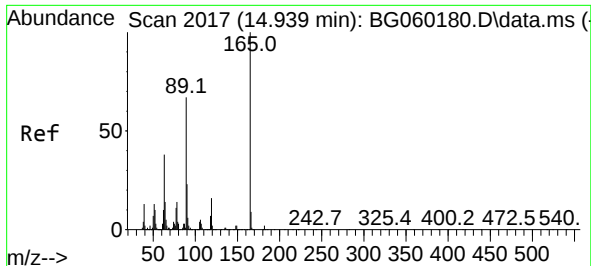
Tgt Ion:165 Resp: 100610
Ion Ratio Lower Upper
165 100
63 2.1 39.3 58.9#
89 1.2 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.248 ng
RT: 14.699 min Scan# 1976
Delta R.T. 0.019 min
Lab File: BG060217.D
Acq: 3 Jan 2024 7:19

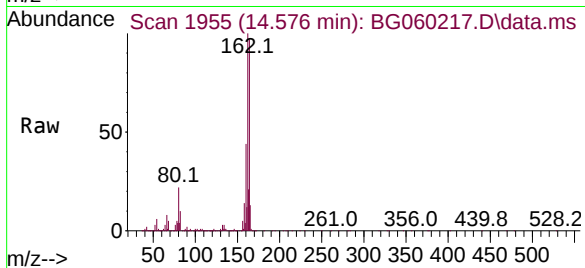
Tgt Ion:184 Resp: 96
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 83.2 40.0 60.0#



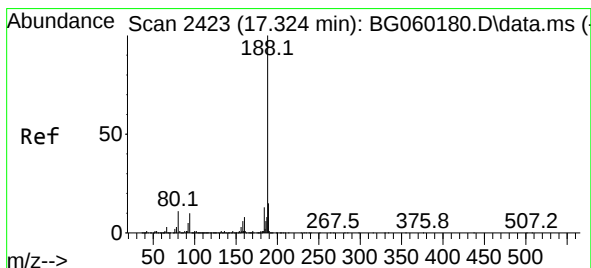
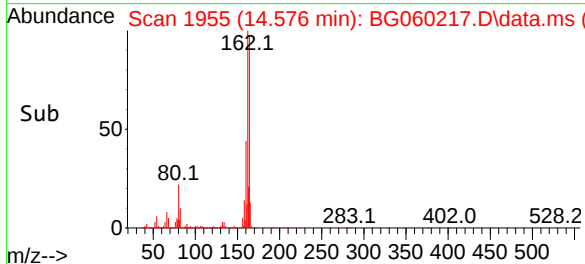
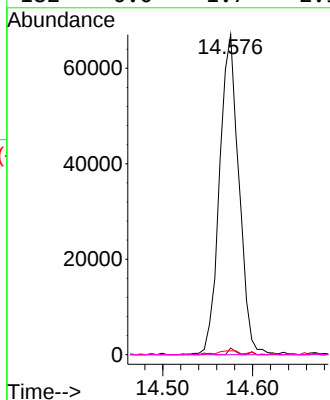


#57
2,4-Dinitrotoluene
Concen: 5.862 ng
RT: 14.576 min Scan# 1955
Delta R.T. -0.363 min
Lab File: BG060217.D
Acq: 3 Jan 2024 7:19

Instrument :
BNA_G
ClientSampleId :

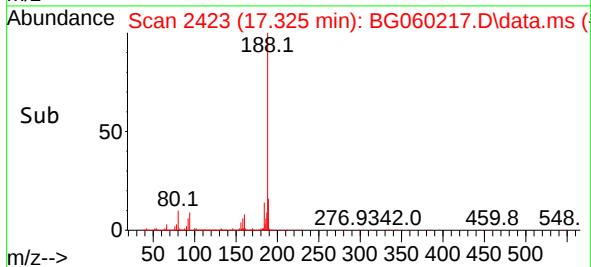
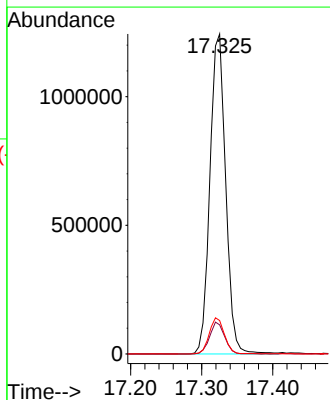
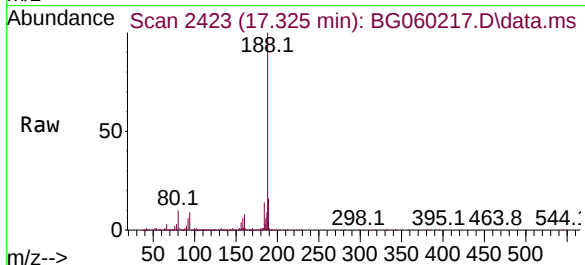


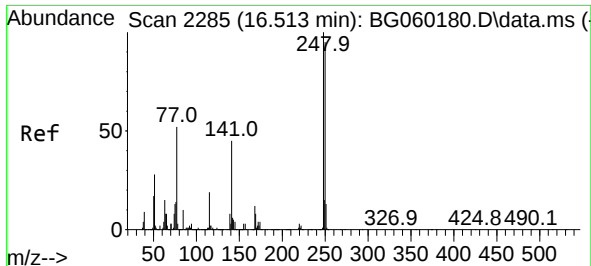
Tgt Ion:165 Resp: 100610
Ion Ratio Lower Upper
165 100
63 2.1 31.0 46.6#
89 1.2 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.001 min
Lab File: BG060217.D
Acq: 3 Jan 2024 7:19

Tgt Ion:188 Resp: 1911081
Ion Ratio Lower Upper
188 100
94 9.1 7.8 11.6
80 10.5 8.6 13.0

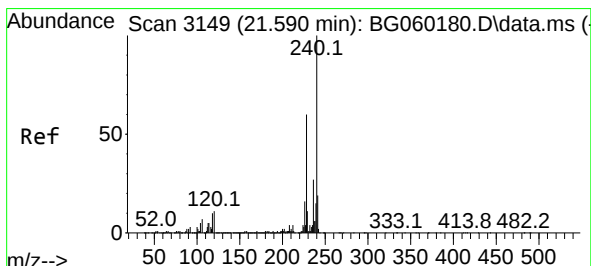
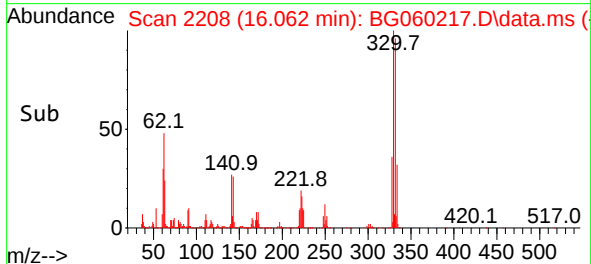
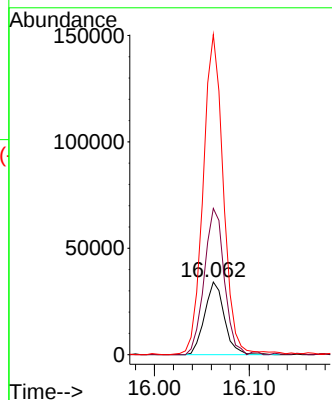
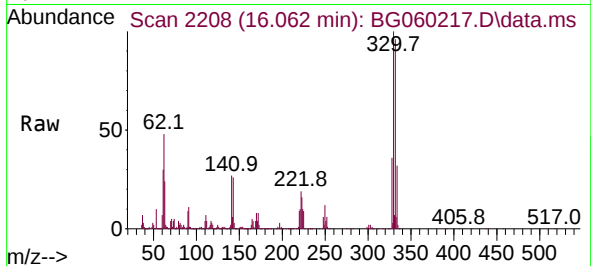




#67
4-Bromophenyl-phenylether
Concen: 2.444 ng
RT: 16.062 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG060217.D
Acq: 3 Jan 2024 7:19

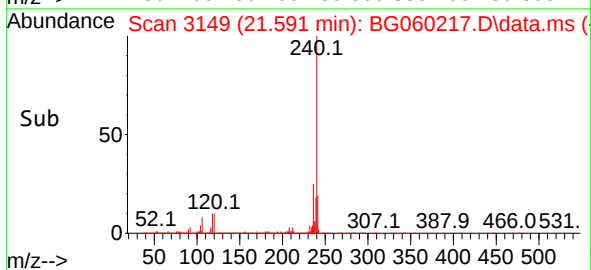
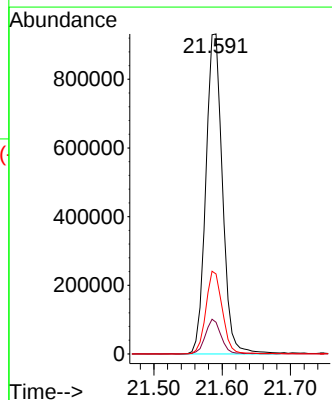
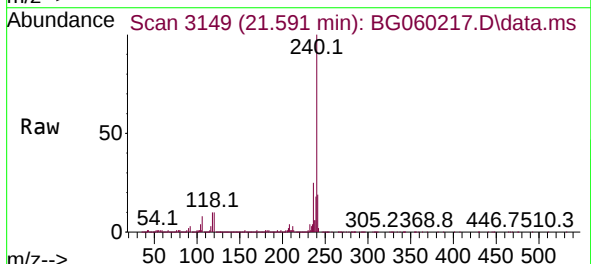
Instrument :
BNA_G
ClientSampleId :

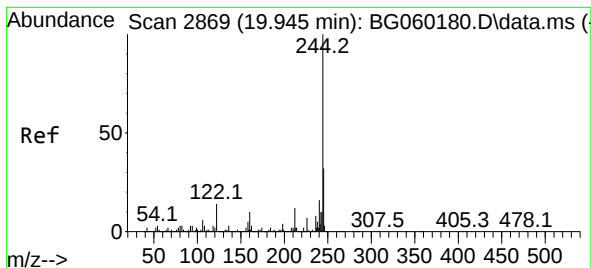
Tgt Ion:248 Resp: 49523
Ion Ratio Lower Upper
248 100
250 153.1 76.2 114.4#
141 334.9 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3149
Delta R.T. 0.001 min
Lab File: BG060217.D
Acq: 3 Jan 2024 7:19

Tgt Ion:240 Resp: 1581613
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.0 21.4 32.2





#79

Terphenyl-d14

Concen: 53.971 ng

RT: 19.946 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG060217.D

Acq: 3 Jan 2024 7:19

Instrument :

BNA_G

ClientSampleId :

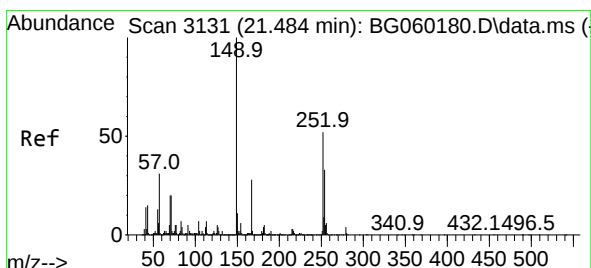
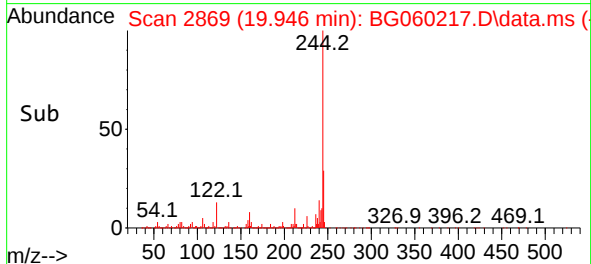
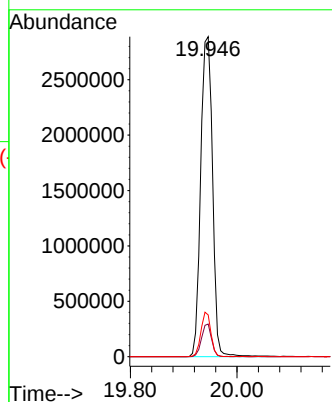
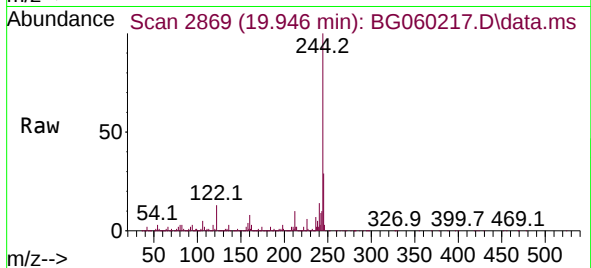
Tgt Ion:244 Resp: 4440127

Ion Ratio Lower Upper

244 100

212 10.2 9.5 14.3

122 13.0 11.4 17.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.185 ng

RT: 21.479 min Scan# 3130

Delta R.T. -0.005 min

Lab File: BG060217.D

Acq: 3 Jan 2024 7:19

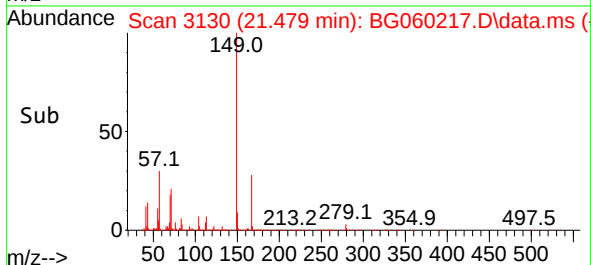
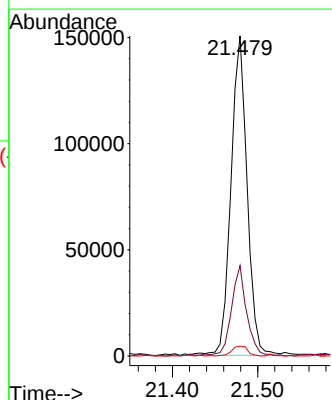
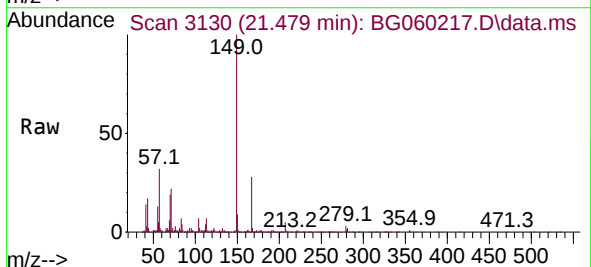
Tgt Ion:149 Resp: 198954

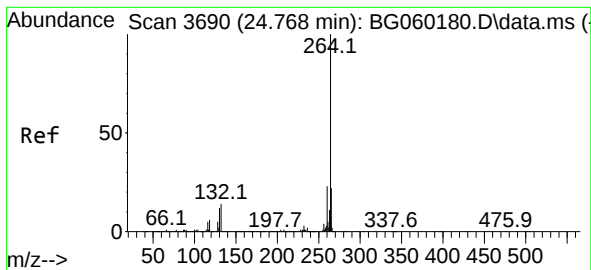
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

279 3.1 2.9 4.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.764 min Scan# 30

Delta R.T. -0.005 min

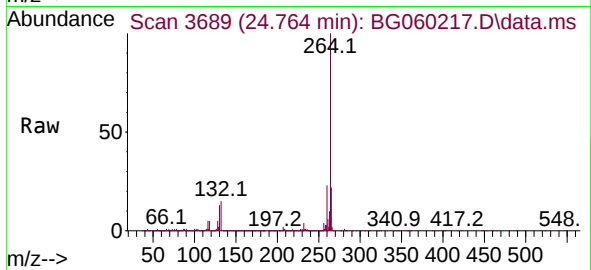
Lab File: BG060217.D

Acq: 3 Jan 2024 7:19

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:264 Resp: 1796915

Ion Ratio Lower Upper

264 100

260 22.9 18.0 27.0

265 22.2 17.4 26.0

