

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060380.D
 Acq On : 22 Jan 2024 11:34
 Operator : MA/JU
 Sample : PB158532BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 22 12:13:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

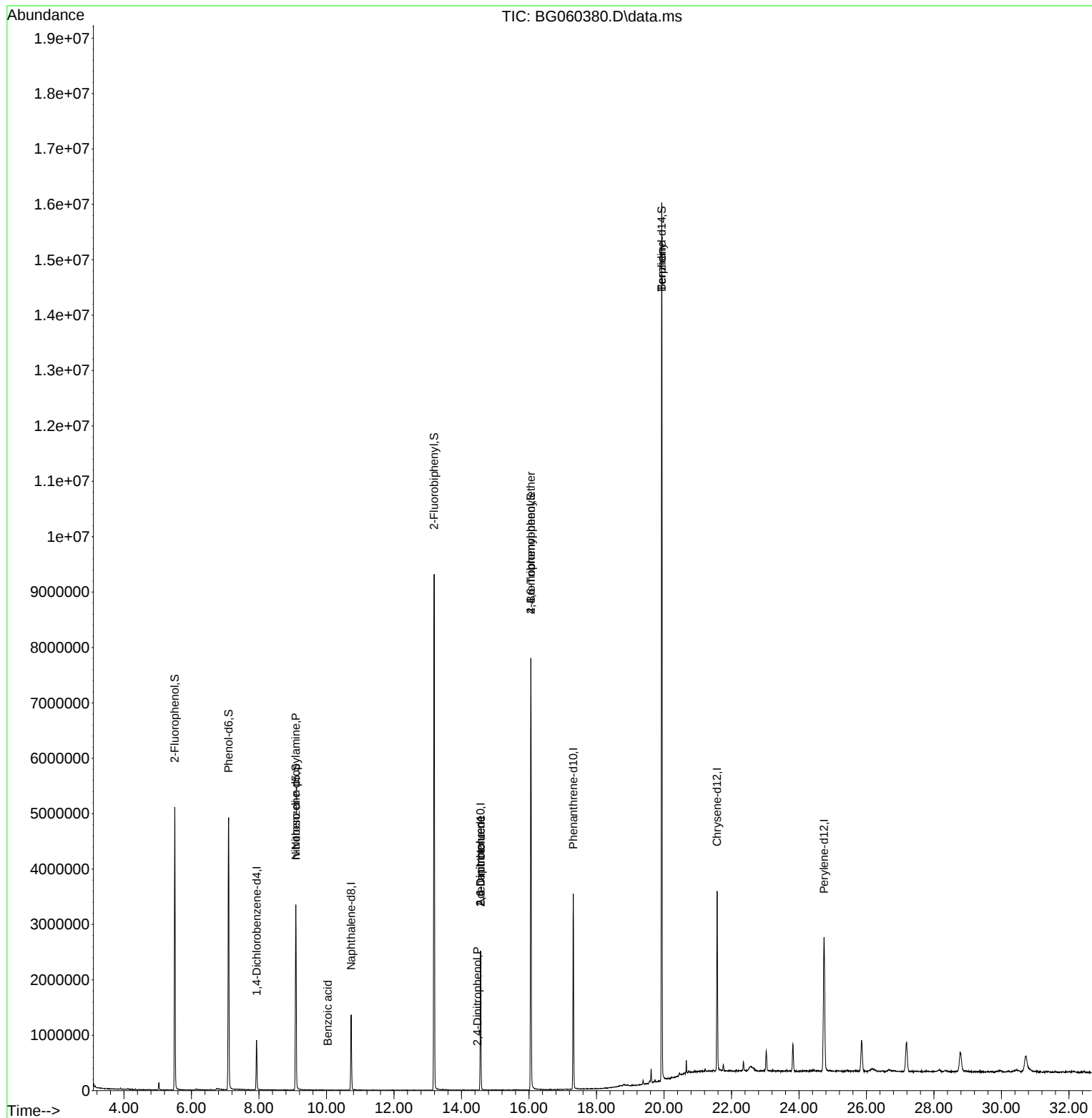
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	292056	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1223757	20.000	ng	0.00
39) Acenaphthene-d10	14.564	164	912264	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	2349058	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1986754	20.000	ng	0.00
86) Perylene-d12	24.741	264	2128468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2372015	133.586	ng	0.00
7) Phenol-d6	7.102	99	3345802	127.250	ng	0.00
23) Nitrobenzene-d5	9.094	82	2314556	89.310	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1723499	128.408	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	5046708	76.913	ng	0.00
79) Terphenyl-d14	19.934	244	6616396	83.393	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.094	70	284641	15.642	ng	# 88
32) Benzoic acid	10.040	122	68	10.205	ng	# 6
51) 2,6-Dinitrotoluene	14.564	165	126111	8.478	ng	# 33
54) 2,4-Dinitrophenol	14.476	184	88	8.595	ng	# 35
57) 2,4-Dinitrotoluene	14.564	165	126111	6.182	ng	# 26
67) 4-Bromophenyl-phenylether	16.057	248	112058	4.341	ng	# 1
77) Benzidine	19.934	184	144244	3.342	ng	# 89

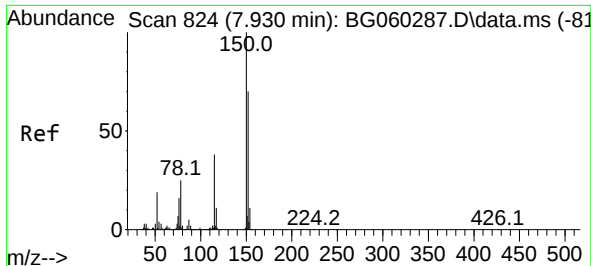
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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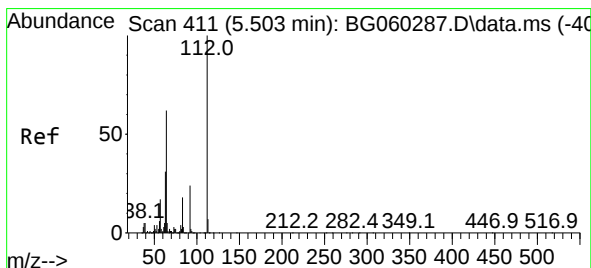
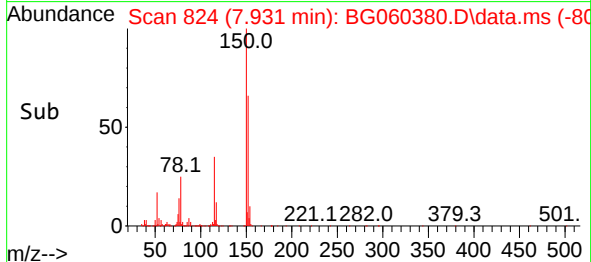
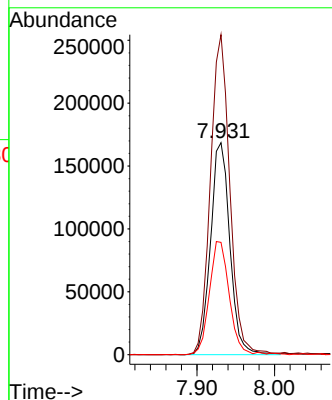
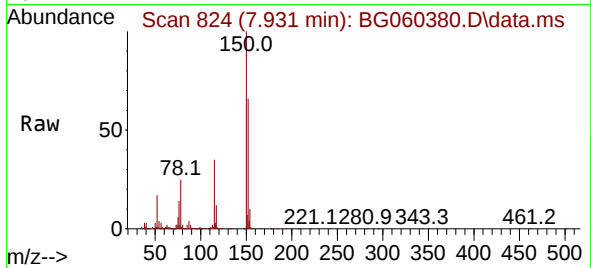




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

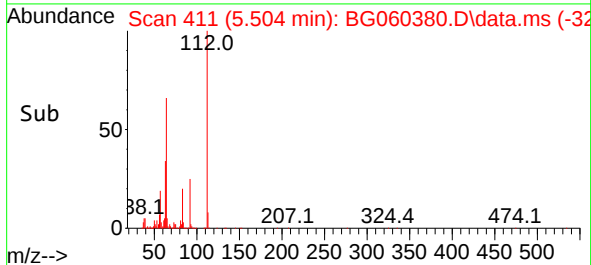
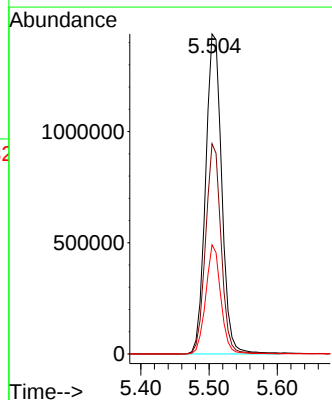
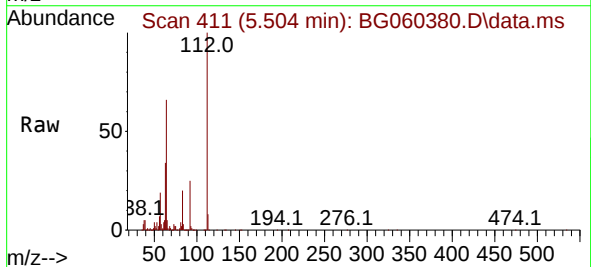
Instrument :
BNA_G
ClientSampleId :

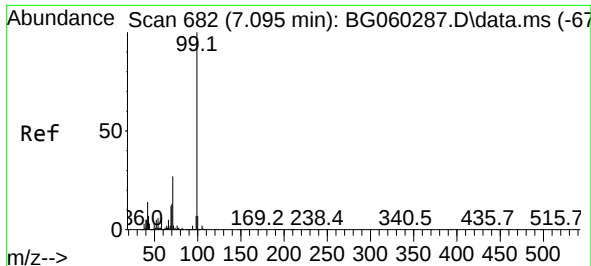
Tgt Ion:152 Resp: 292056
Ion Ratio Lower Upper
152 100
150 150.9 114.5 171.7
115 53.0 43.0 64.6



#5
2-Fluorophenol
Concen: 133.586 ng
RT: 5.504 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

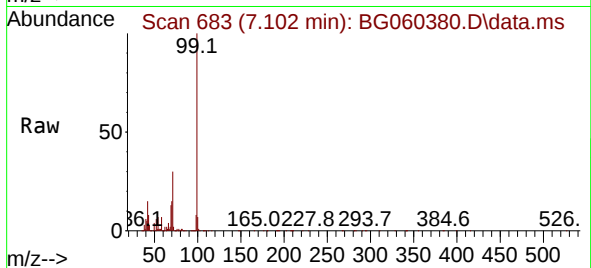
Tgt Ion:112 Resp: 2372015
Ion Ratio Lower Upper
112 100
64 65.7 49.8 74.6
63 34.1 24.4 36.6



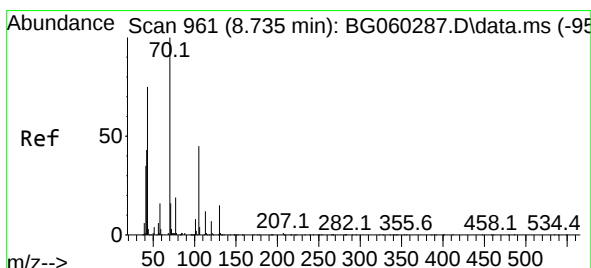
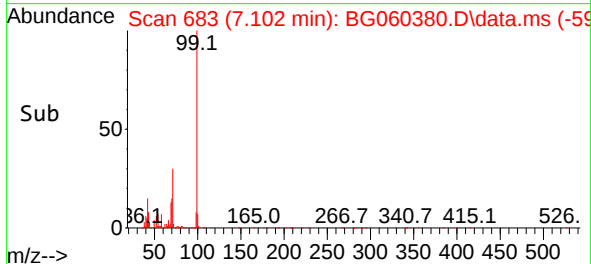
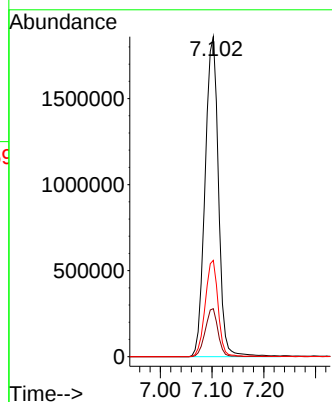


#7
Phenol-d6
Concen: 127.250 ng
RT: 7.102 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

Instrument :
BNA_G
ClientSampleId :

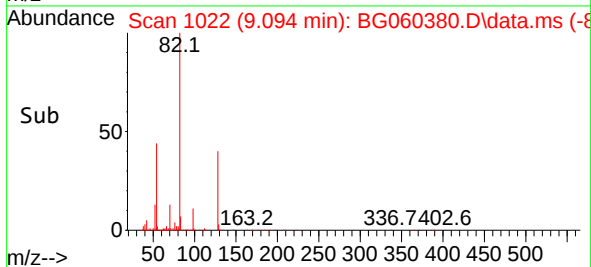
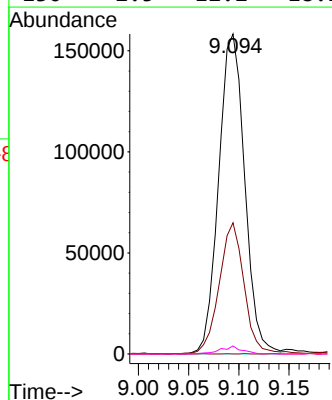
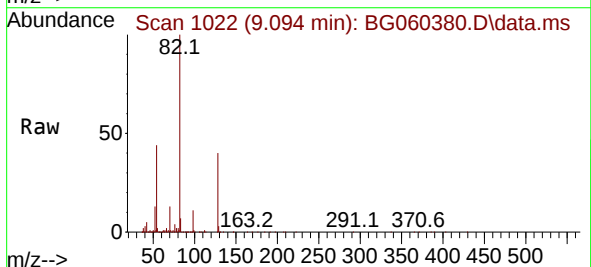


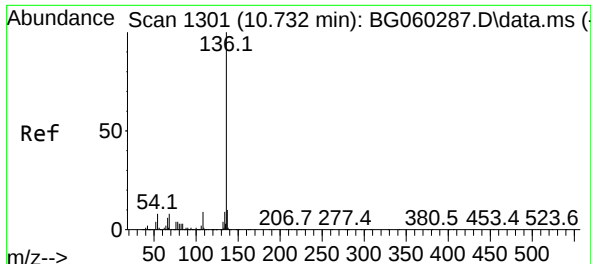
Tgt Ion: 99 Resp: 3345802
Ion Ratio Lower Upper
99 100
42 15.0 10.9 16.3
71 30.1 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.642 ng
RT: 9.094 min Scan# 1022
Delta R.T. 0.360 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

Tgt Ion: 70 Resp: 284641
Ion Ratio Lower Upper
70 100
42 41.0 34.3 51.5
101 0.0 6.2 9.2#
130 2.5 12.2 18.2#

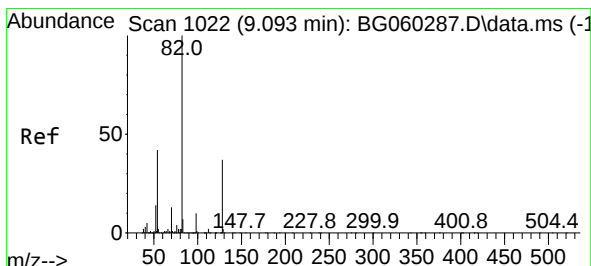
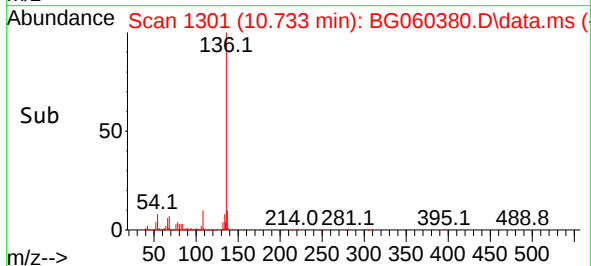
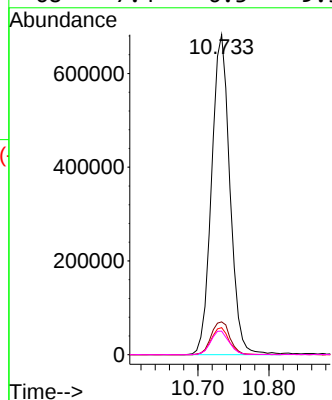
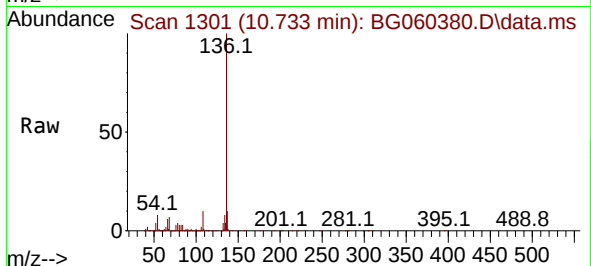




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1301
Delta R.T. 0.001 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

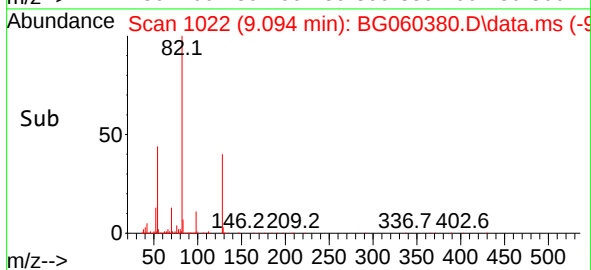
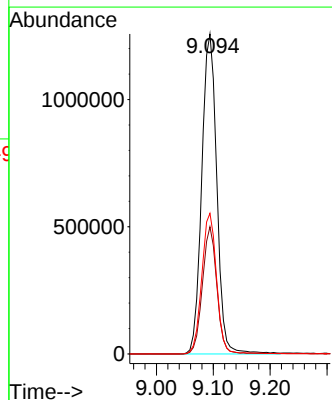
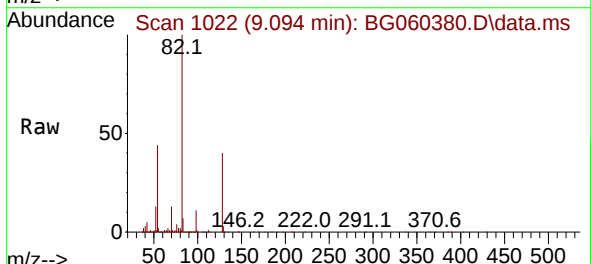
Instrument :
BNA_G
ClientSampleId :

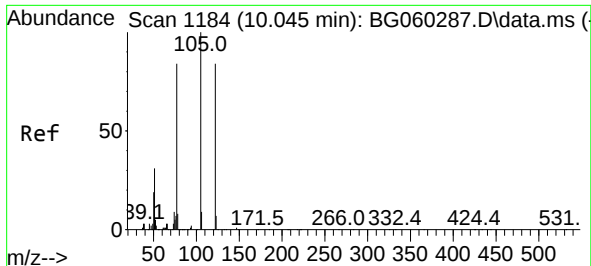
Tgt Ion:136 Resp: 1223757
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.4
54 8.4 6.2 9.2
68 7.4 6.3 9.5



#23
Nitrobenzene-d5
Concen: 89.310 ng
RT: 9.094 min Scan# 1022
Delta R.T. 0.001 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

Tgt Ion: 82 Resp: 2314556
Ion Ratio Lower Upper
82 100
128 39.7 29.6 44.4
54 43.9 33.6 50.4

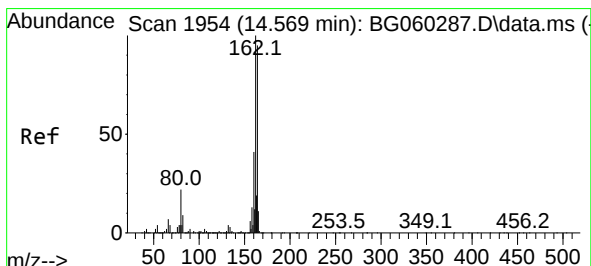
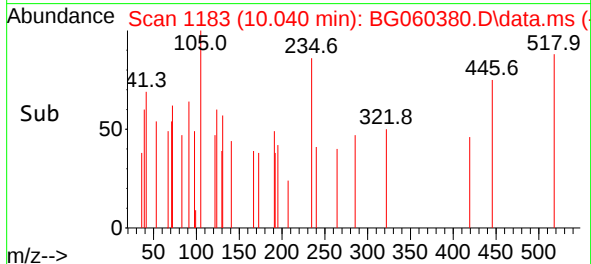
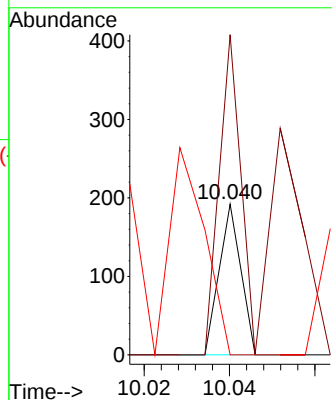
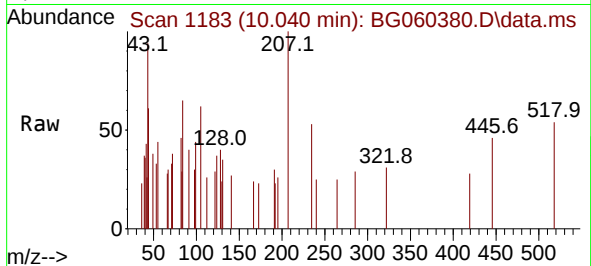




#32
Benzoic acid
Concen: 10.205 ng
RT: 10.040 min Scan# 1184
Delta R.T. -0.005 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

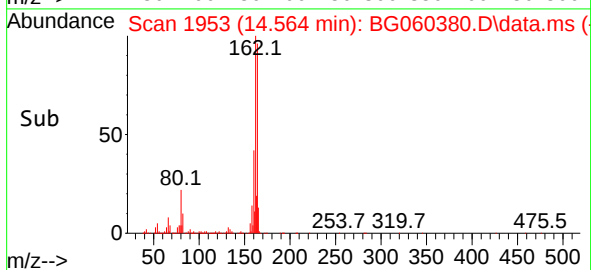
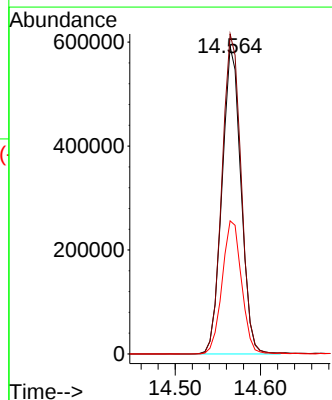
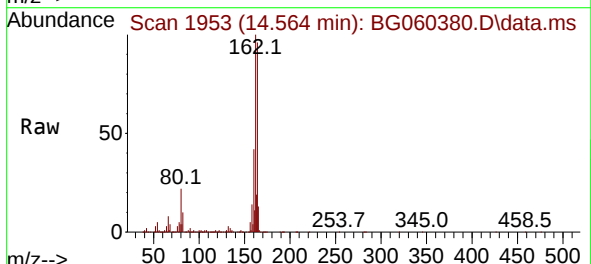
Instrument :
BNA_G
ClientSampleId :

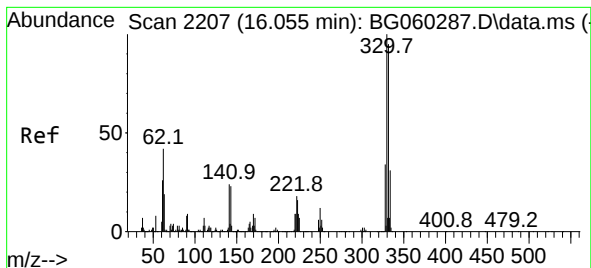
Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 212.5 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

Tgt Ion:164 Resp: 912264
Ion Ratio Lower Upper
164 100
162 104.1 84.4 126.6
160 43.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 128.408 ng

RT: 16.057 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG060380.D

Acq: 22 Jan 2024 11:34

Instrument :

BNA_G

ClientSampleId :

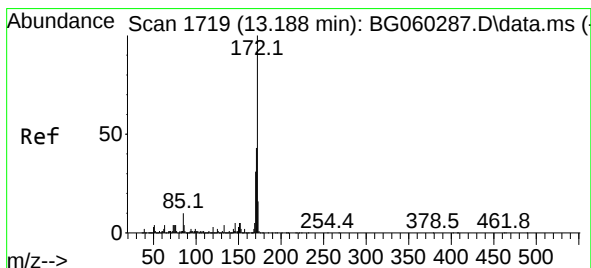
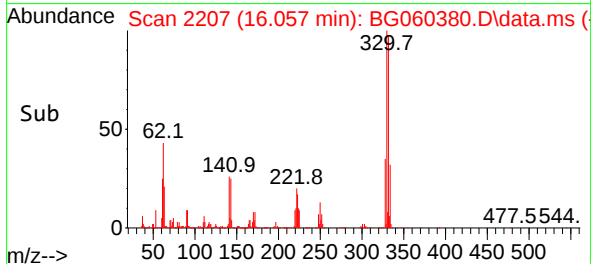
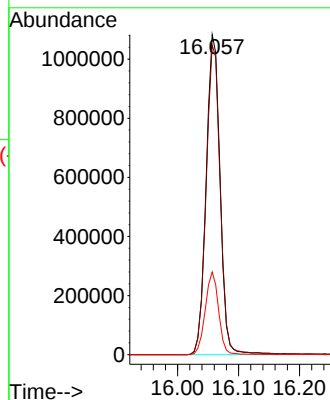
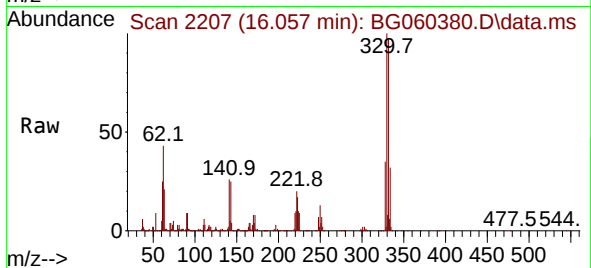
Tgt Ion:330 Resp: 1723499

Ion Ratio Lower Upper

330 100

332 98.0 76.7 115.1

141 24.9 18.6 28.0



#45

2-Fluorobiphenyl

Concen: 76.913 ng

RT: 13.189 min Scan# 1719

Delta R.T. 0.001 min

Lab File: BG060380.D

Acq: 22 Jan 2024 11:34

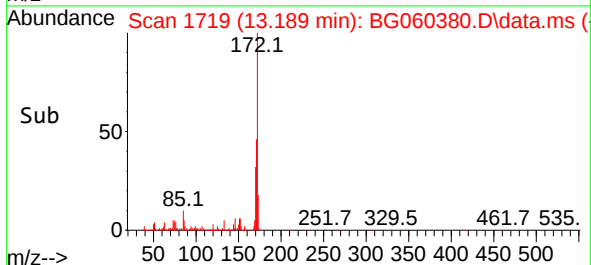
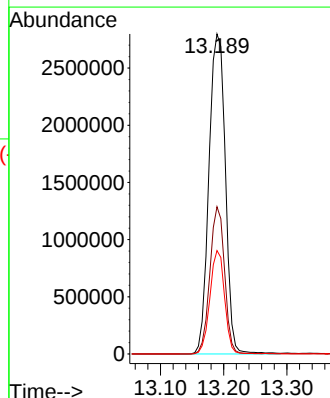
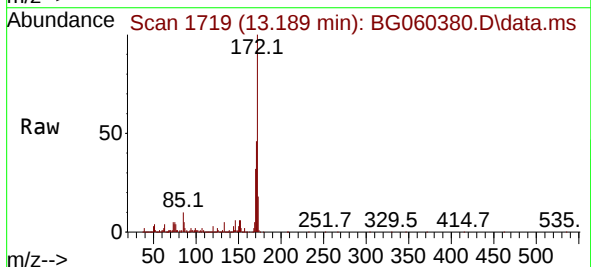
Tgt Ion:172 Resp: 5046708

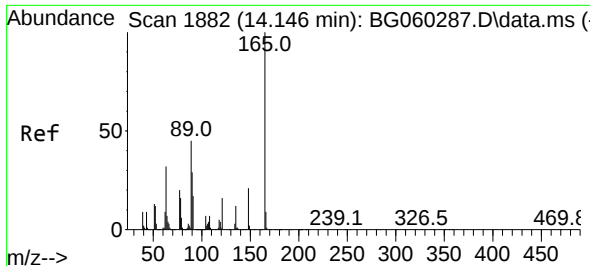
Ion Ratio Lower Upper

172 100

171 46.0 34.6 51.8

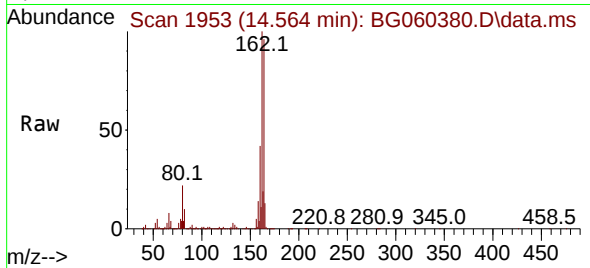
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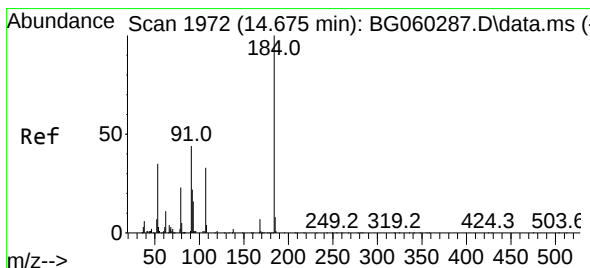
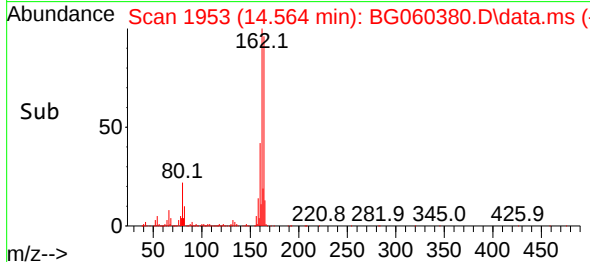
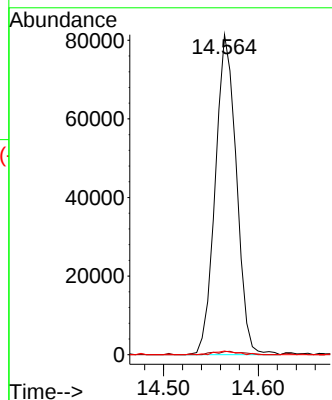


#51
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 14.564 min Scan# 1953
Delta R.T. 0.418 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

Instrument :
BNA_G
ClientSampleId :

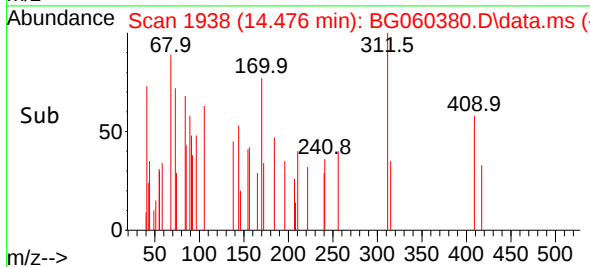
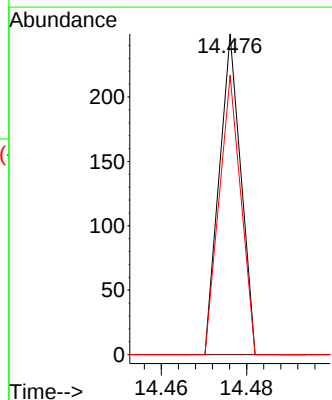
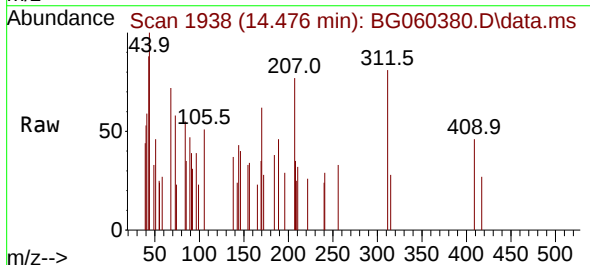


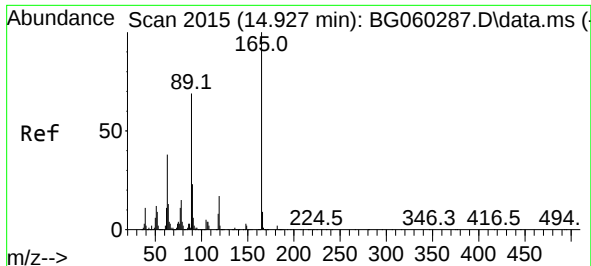
Tgt Ion:165 Resp: 126111
Ion Ratio Lower Upper
165 100
63 1.0 35.0 52.4#
89 1.1 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.595 ng
RT: 14.476 min Scan# 1938
Delta R.T. -0.199 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

Tgt Ion:184 Resp: 88
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 87.1 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 6.182 ng

RT: 14.564 min Scan# 1953

Delta R.T. -0.363 min

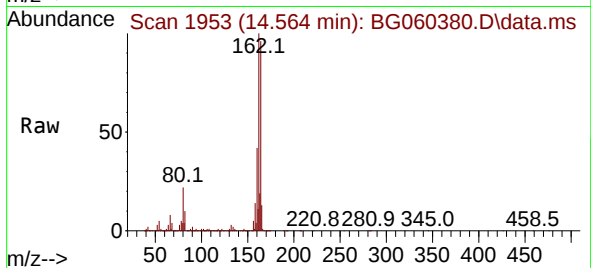
Lab File: BG060380.D

Acq: 22 Jan 2024 11:34

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 126111

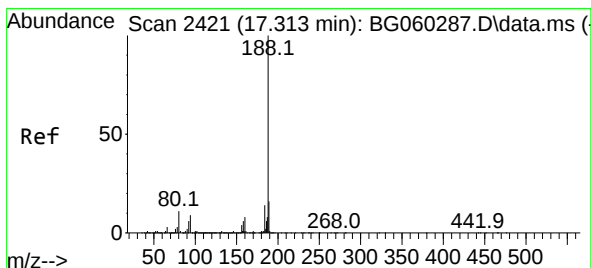
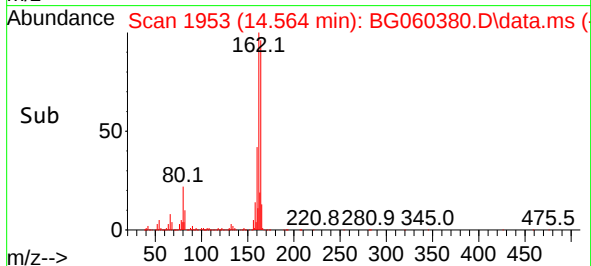
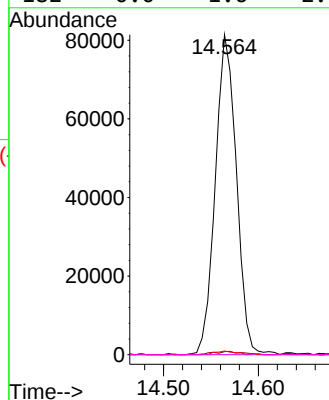
Ion Ratio Lower Upper

165 100

63 1.0 30.4 45.6#

89 1.1 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.314 min Scan# 2421

Delta R.T. 0.001 min

Lab File: BG060380.D

Acq: 22 Jan 2024 11:34

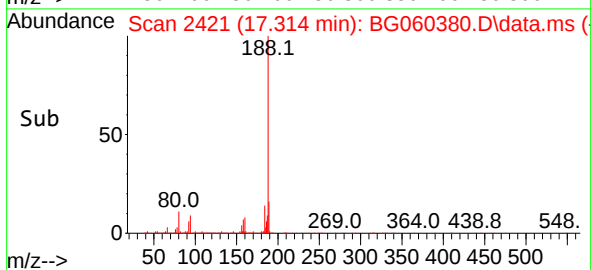
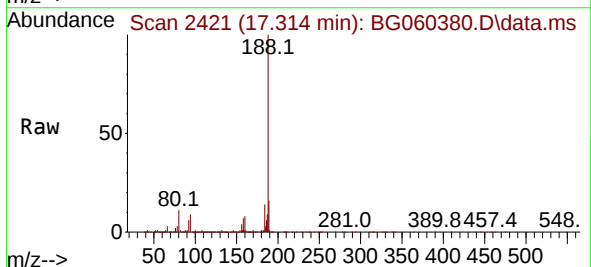
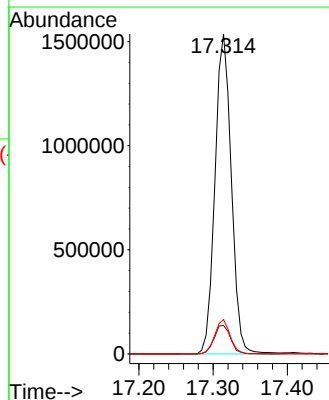
Tgt Ion:188 Resp: 2349058

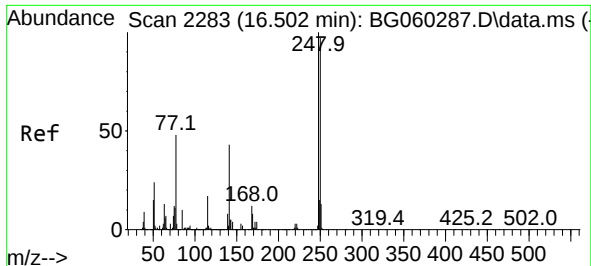
Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

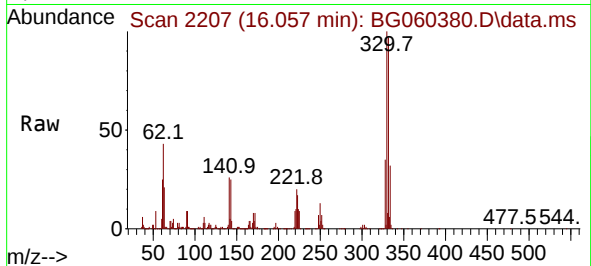
80 10.7 8.5 12.7



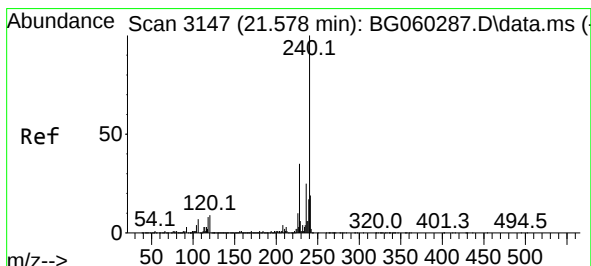
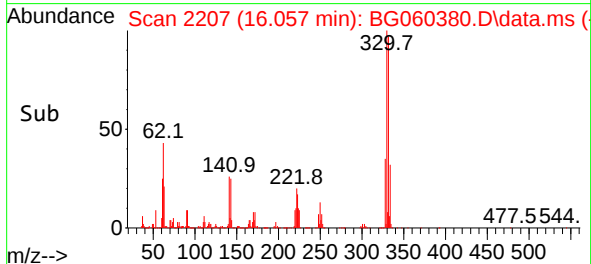
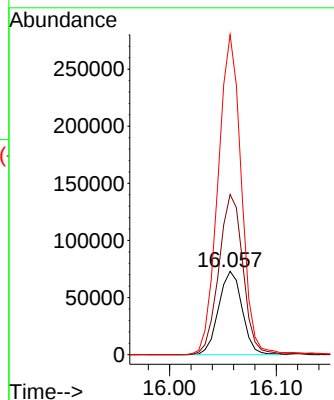


#67
4-Bromophenyl-phenylether
Concen: 4.341 ng
RT: 16.057 min Scan# 211
Delta R.T. -0.445 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

Instrument :
BNA_G
ClientSampleId :

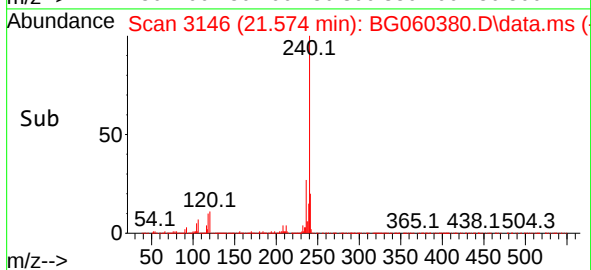
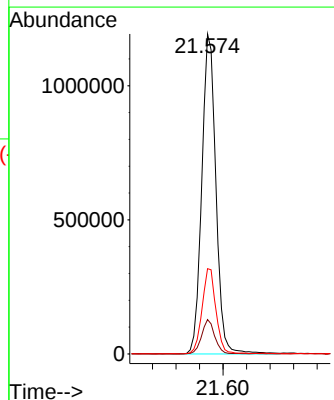
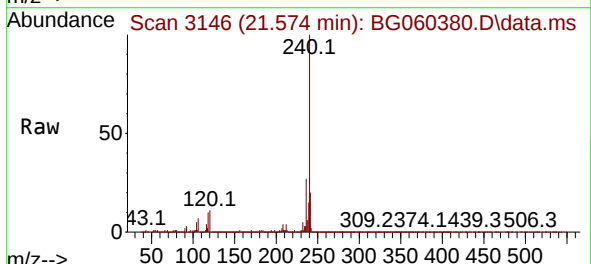


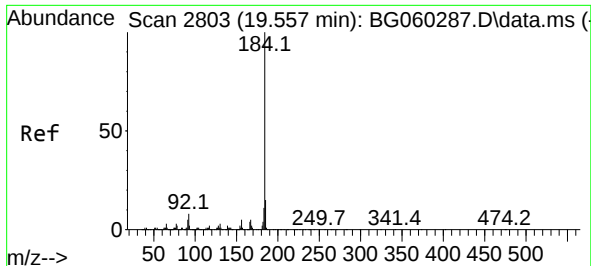
Tgt Ion:248 Resp: 112058
Ion Ratio Lower Upper
248 100
250 192.3 77.6 116.4#
141 384.0 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

Tgt Ion:240 Resp: 1986754
Ion Ratio Lower Upper
240 100
120 10.7 7.3 10.9
236 26.7 20.3 30.5

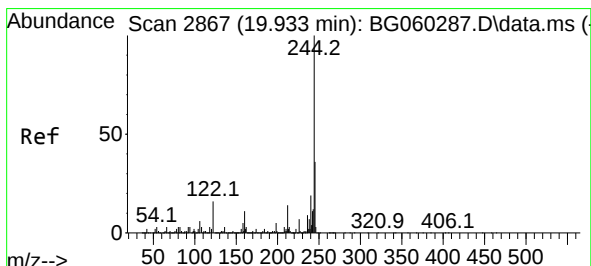
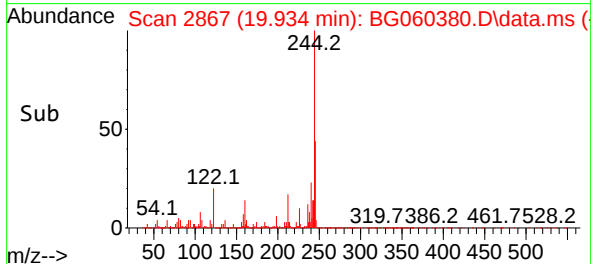
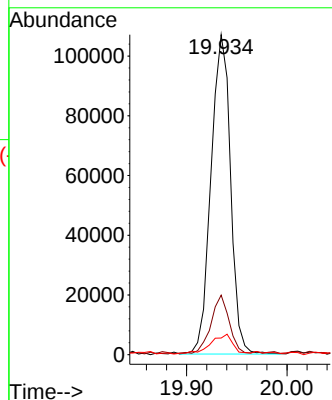
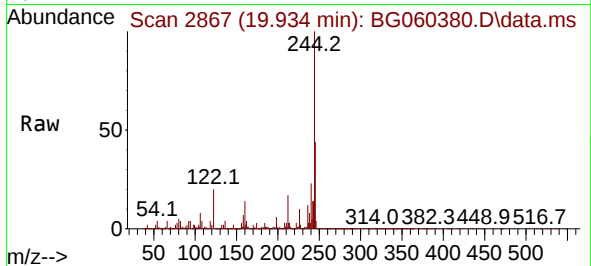




#77
Benzidine
Concen: 3.342 ng
RT: 19.934 min Scan# 2803
Delta R.T. 0.377 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

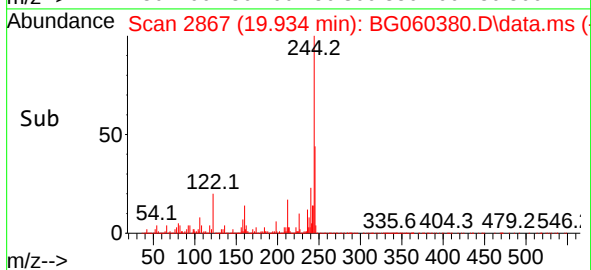
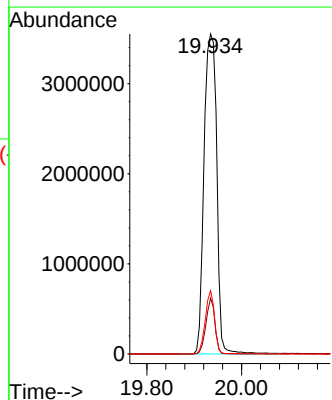
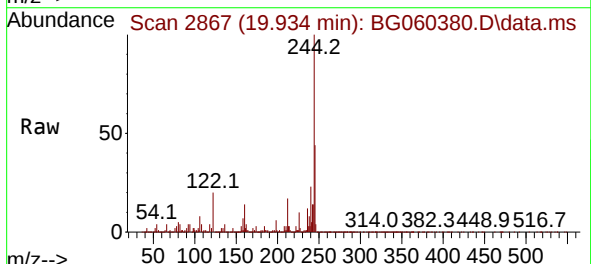
Instrument :
BNA_G
ClientSampleId :

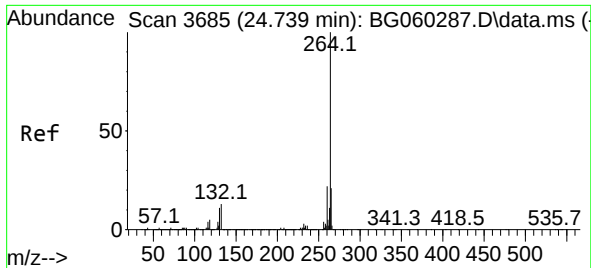
Tgt Ion:184 Resp: 144244
Ion Ratio Lower Upper
184 100
185 18.6 12.2 18.4#
183 5.2 9.0 13.4#



#79
Terphenyl-d14
Concen: 83.393 ng
RT: 19.934 min Scan# 2867
Delta R.T. 0.001 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

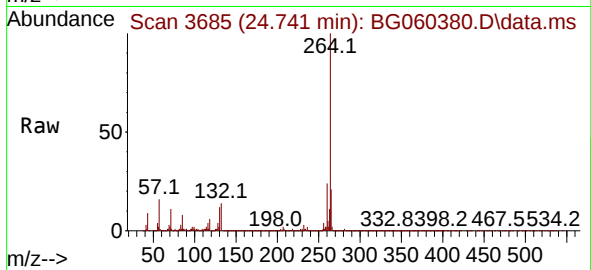
Tgt Ion:244 Resp: 6616396
Ion Ratio Lower Upper
244 100
212 17.5 10.9 16.3#
122 19.8 12.6 18.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.741 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 2128468

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.8	26.6
265	21.4	16.8	25.2

