

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060196.D
 Acq On : 2 Jan 2024 15:50
 Operator : MA/JU
 Sample : 05909-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 17:02:03 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)

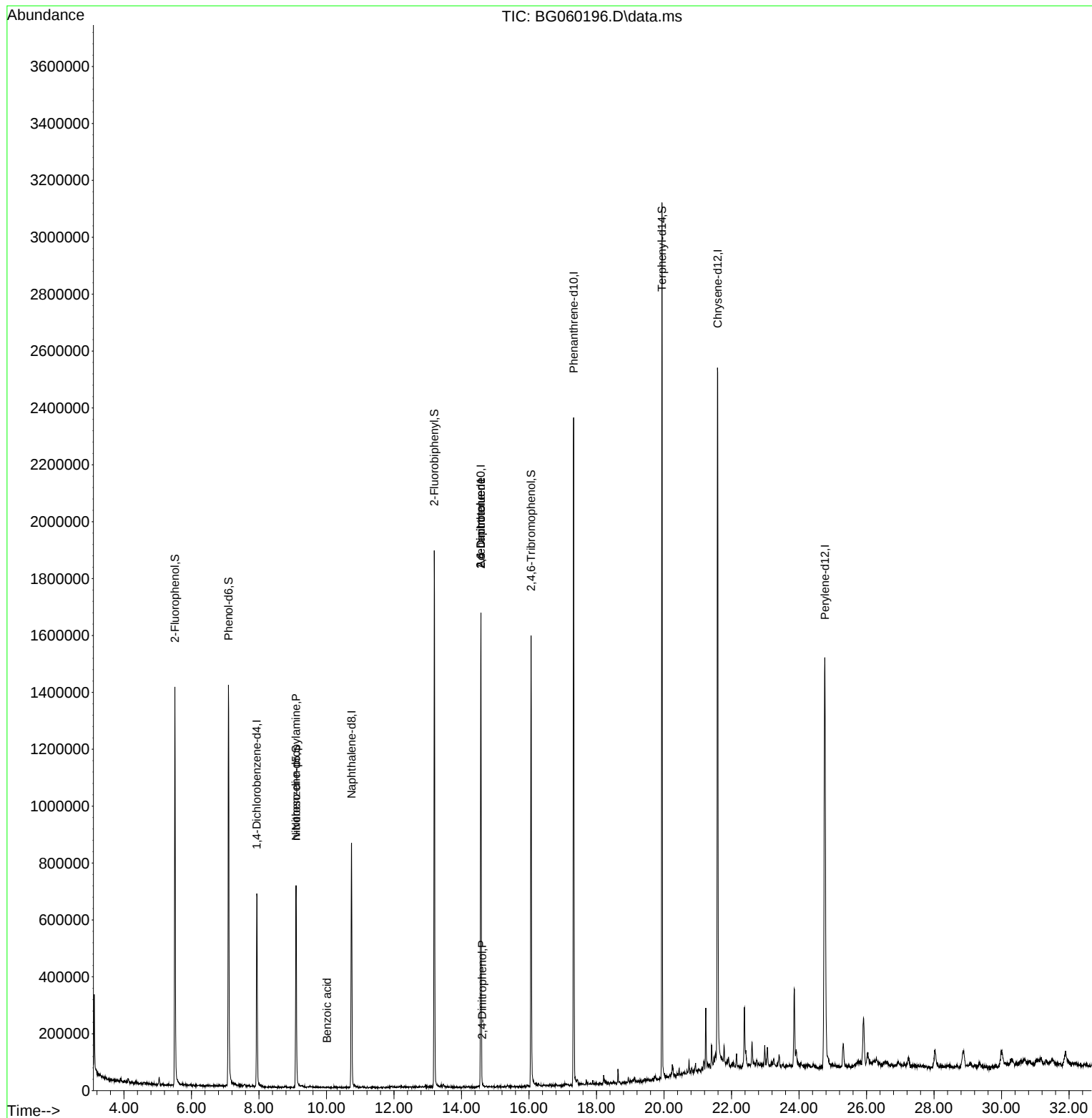
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	217259	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	771360	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	585436	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1577704	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1464158	20.000	ng	0.00
86) Perylene-d12	24.769	264	1607329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	658475	45.746	ng	0.00
7) Phenol-d6	7.095	99	971457	45.454	ng	0.00
23) Nitrobenzene-d5	9.099	82	493647	29.560	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	329115	41.997	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	1072773	26.336	ng	0.00
79) Terphenyl-d14	19.939	244	1573699	20.663	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.099	70	58504	4.007	ng	# 82
32) Benzoic acid	10.016	122	55	10.276	ng	# 1
51) 2,6-Dinitrotoluene	14.575	165	78011	8.298	ng	# 29
54) 2,4-Dinitrophenol	14.616	184	151	8.261	ng	# 25
57) 2,4-Dinitrotoluene	14.575	165	78011	6.102	ng	# 27

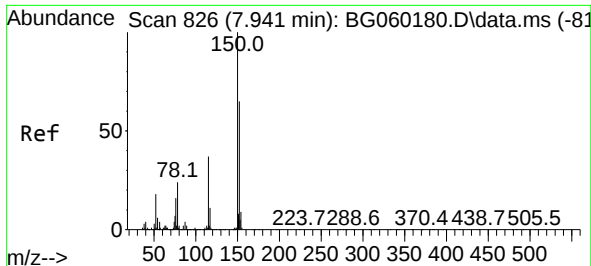
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060196.D
Acq On : 2 Jan 2024 15:50
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Instrument :
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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
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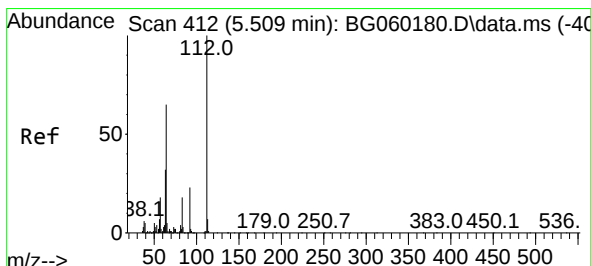
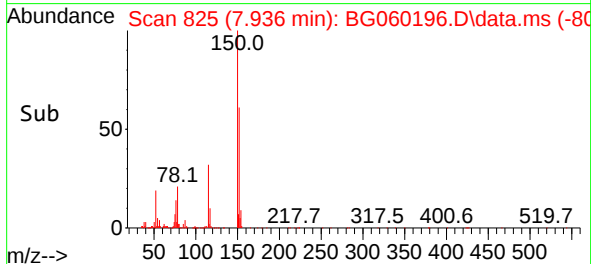
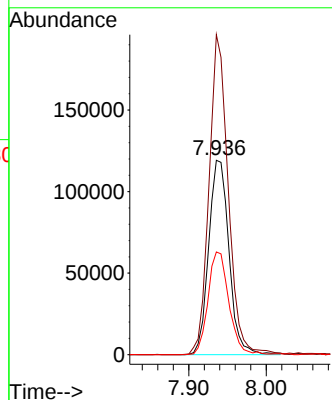
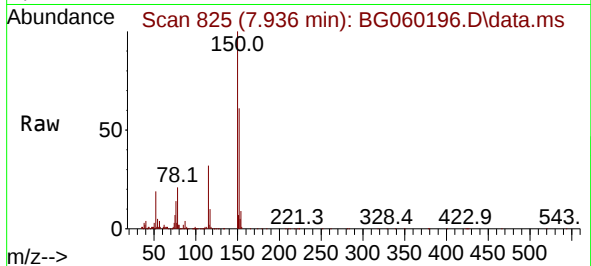




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

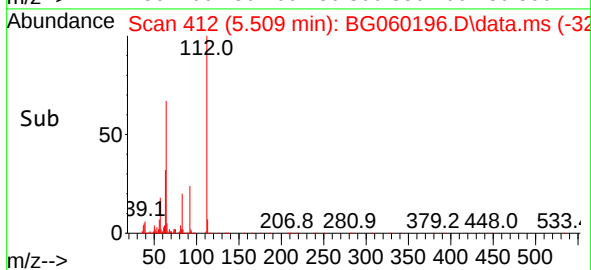
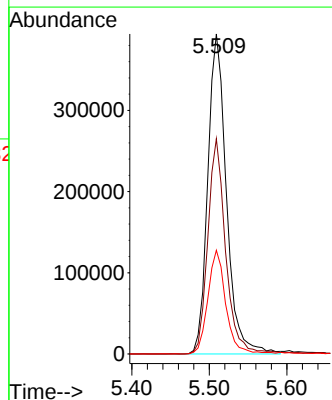
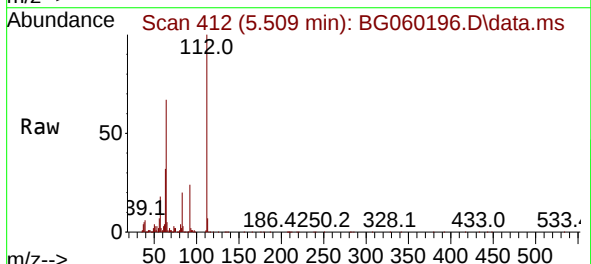
Instrument :
BNA_G
ClientSampleId :

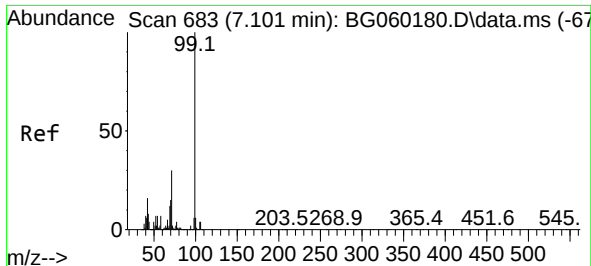
Tgt Ion:152 Resp: 217259
Ion Ratio Lower Upper
152 100
150 164.5 123.4 185.0
115 52.8 45.4 68.0



#5
2-Fluorophenol
Concen: 45.746 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

Tgt Ion:112 Resp: 658475
Ion Ratio Lower Upper
112 100
64 67.2 52.2 78.4
63 32.4 25.4 38.0

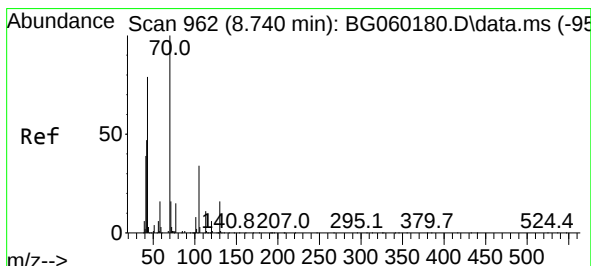
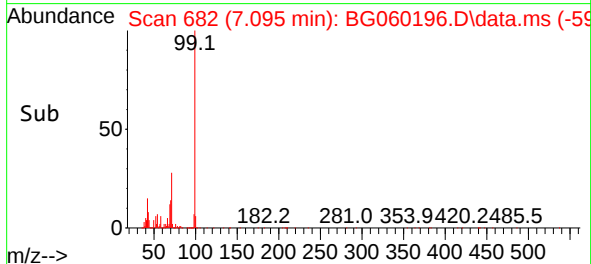
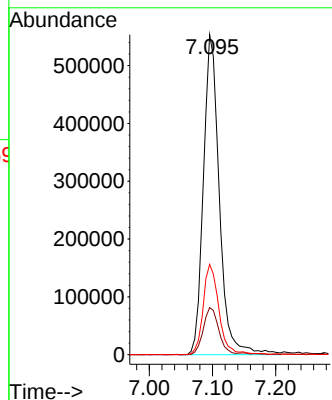
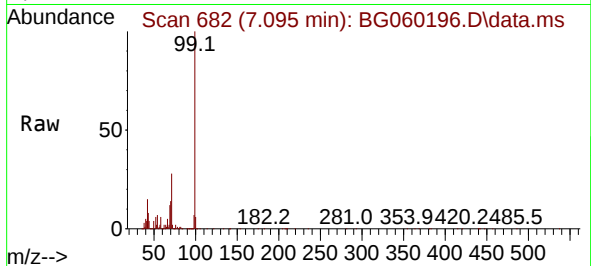




#7
Phenol-d6
Concen: 45.454 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

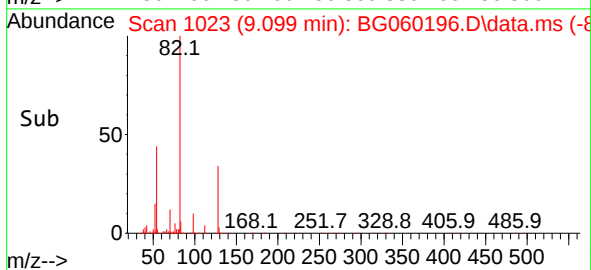
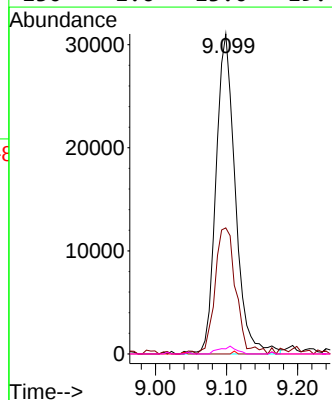
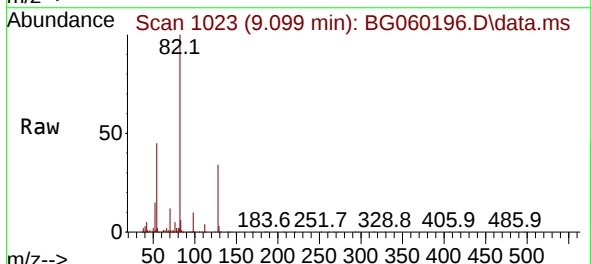
Instrument :
BNA_G
ClientSampleId :

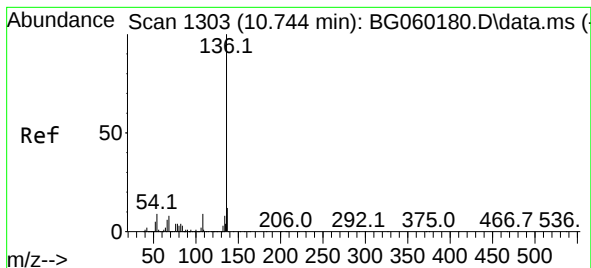
Tgt Ion: 99 Resp: 971457
Ion Ratio Lower Upper
99 100
42 14.7 12.5 18.7
71 28.2 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 4.007 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.359 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

Tgt Ion: 70 Resp: 58504
Ion Ratio Lower Upper
70 100
42 39.4 37.9 56.9
101 0.0 6.2 9.2#
130 1.6 13.0 19.4#

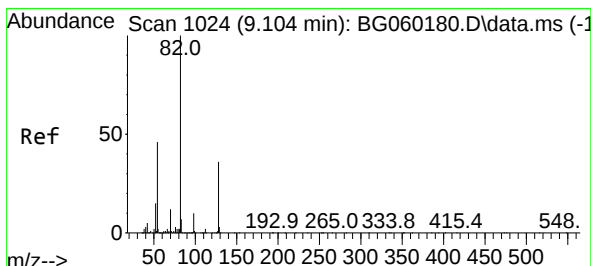
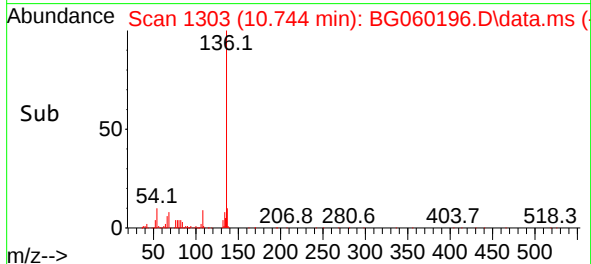
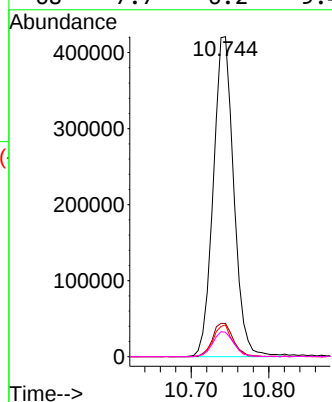
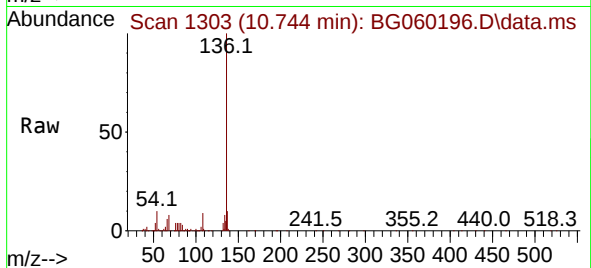




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

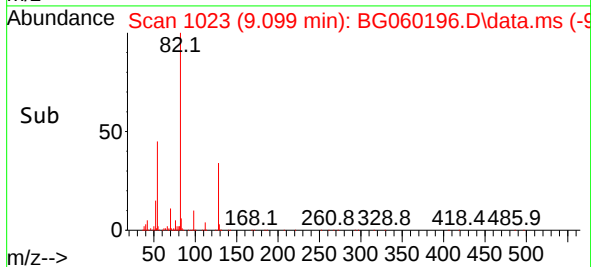
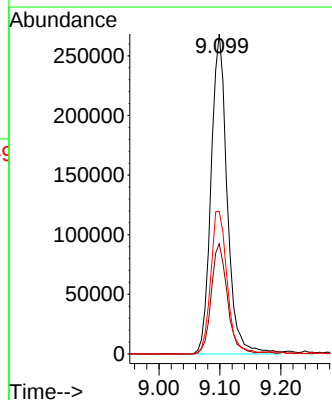
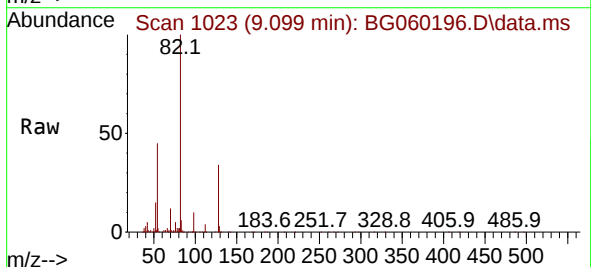
Instrument :
BNA_G
ClientSampleId :

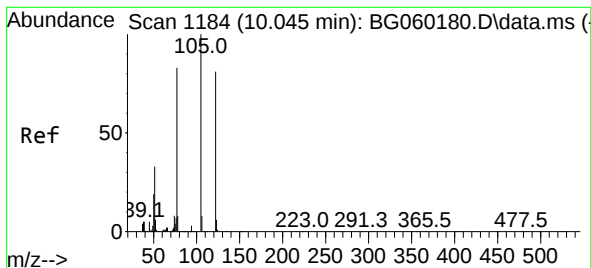
Tgt Ion:136 Resp: 771360
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.0
54 9.9 7.4 11.2
68 7.7 6.2 9.4



#23
Nitrobenzene-d5
Concen: 29.560 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

Tgt Ion: 82 Resp: 493647
Ion Ratio Lower Upper
82 100
128 34.5 28.7 43.1
54 44.6 36.9 55.3





#32

Benzoic acid

Concen: 10.276 ng

RT: 10.016 min Scan# 1184

Delta R.T. -0.029 min

Lab File: BG060196.D

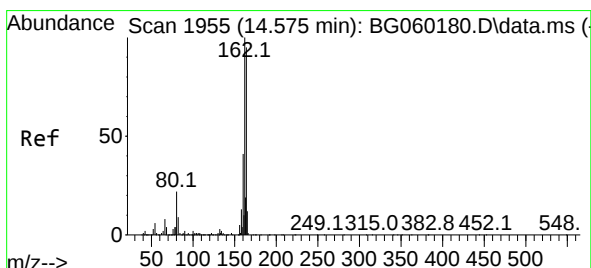
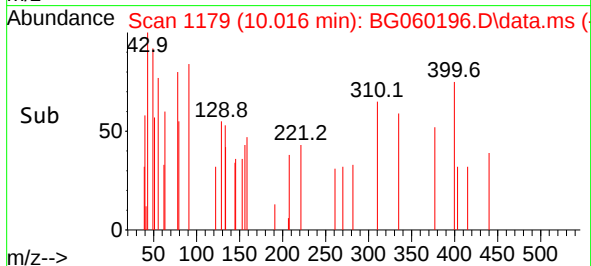
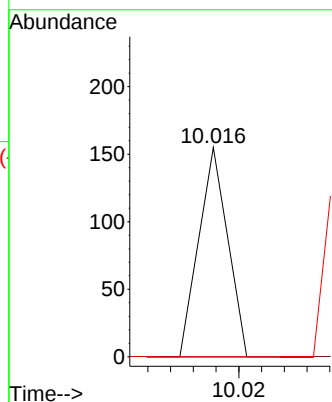
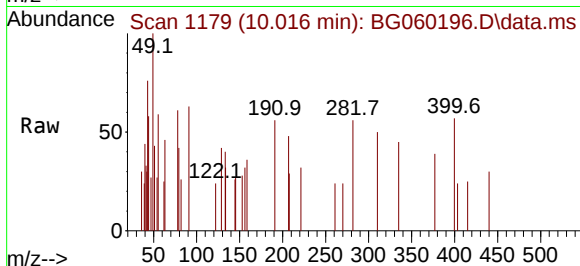
Acq: 2 Jan 2024 15:50

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	122	Resp:	55
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

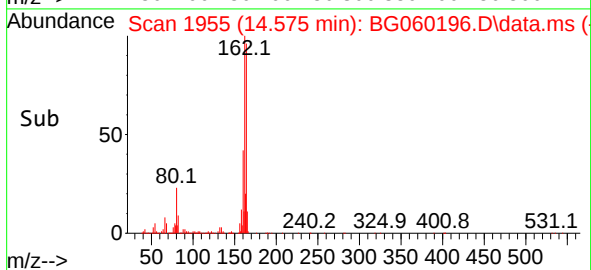
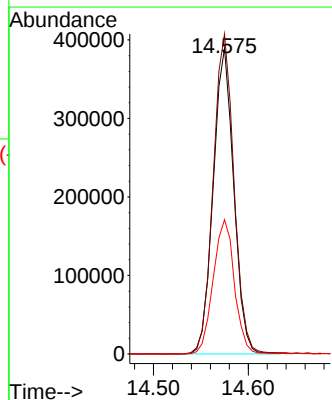
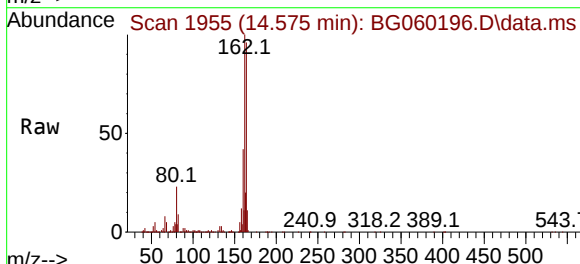
RT: 14.575 min Scan# 1955

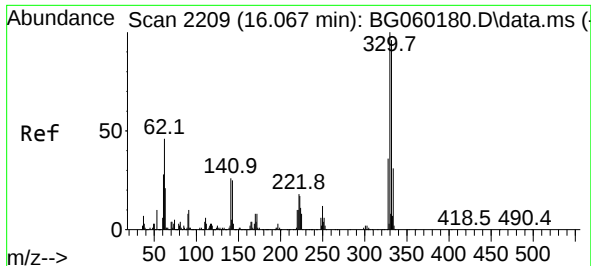
Delta R.T. 0.000 min

Lab File: BG060196.D

Acq: 2 Jan 2024 15:50

Tgt Ion:	164	Resp:	585436
Ion Ratio	Lower	Upper	
164	100		
162	104.6	83.9	125.9
160	43.9	34.2	51.4

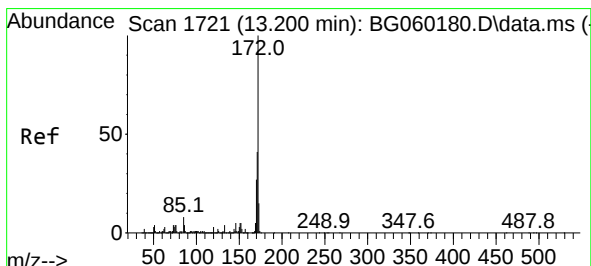
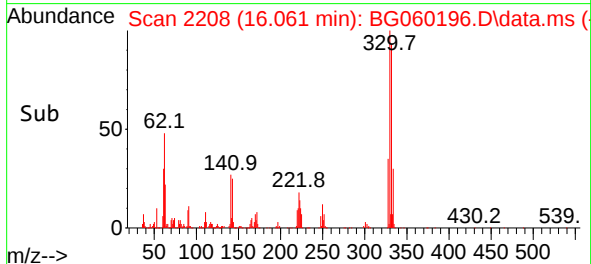
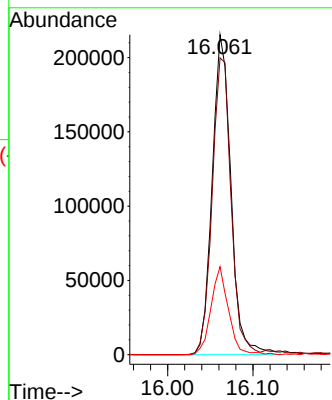
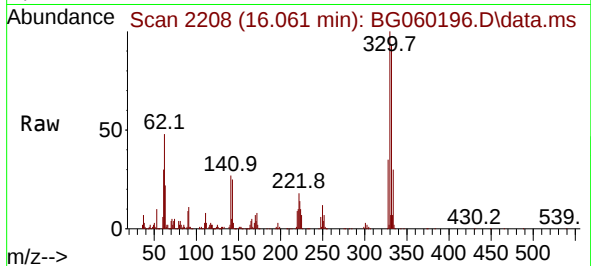




#42
2,4,6-Tribromophenol
Concen: 41.997 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

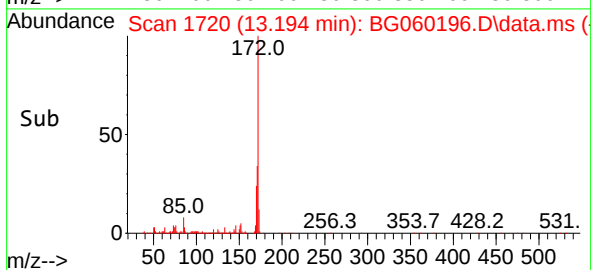
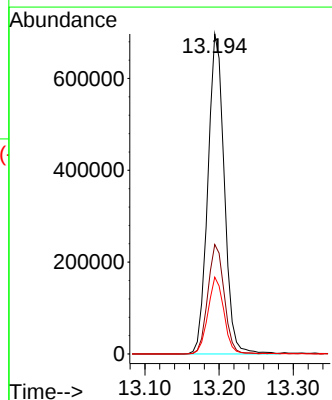
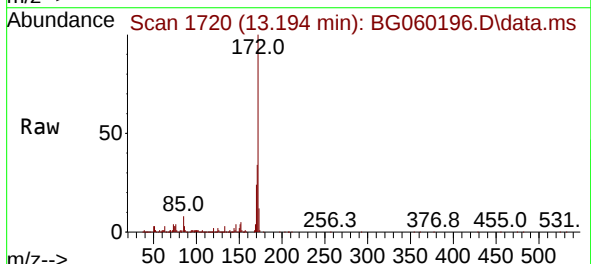
Instrument :
BNA_G
ClientSampleId :

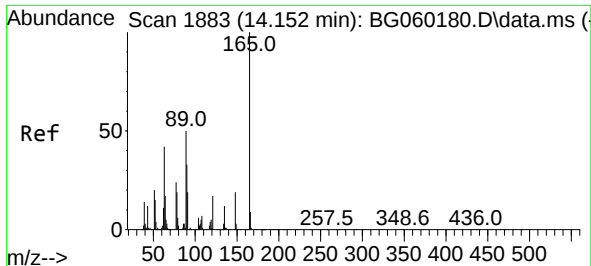
Tgt Ion:330 Resp: 329115
Ion Ratio Lower Upper
330 100
332 93.2 76.7 115.1
141 25.7 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 26.336 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

Tgt Ion:172 Resp: 1072773
Ion Ratio Lower Upper
172 100
171 34.2 32.6 48.8
170 24.0 21.8 32.6





#51

2,6-Dinitrotoluene

Concen: 8.298 ng

RT: 14.575 min Scan# 1955

Delta R.T. 0.423 min

Lab File: BG060196.D

Acq: 2 Jan 2024 15:50

Instrument :

BNA_G

ClientSampleId :

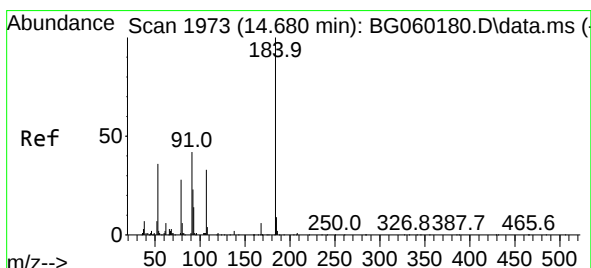
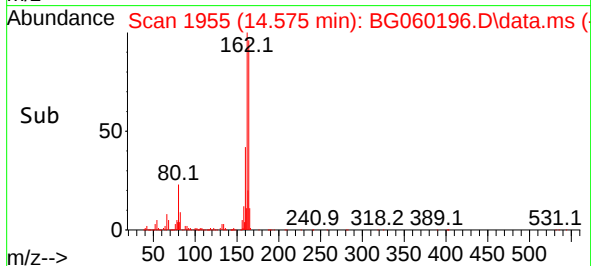
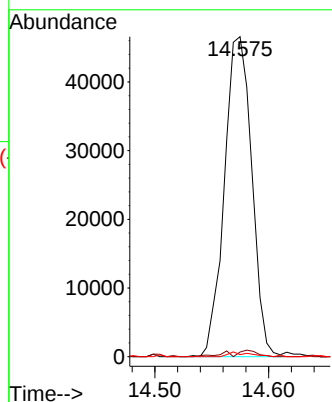
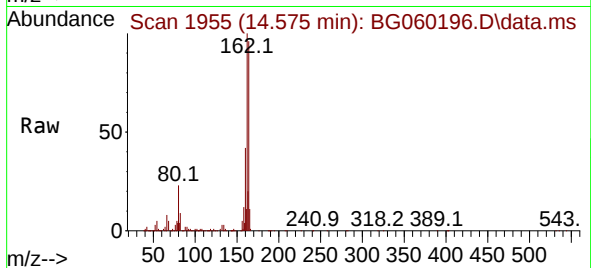
Tgt Ion:165 Resp: 78011

Ion Ratio Lower Upper

165 100

63 1.5 39.3 58.9#

89 0.6 39.8 59.8#



#54

2,4-Dinitrophenol

Concen: 8.261 ng

RT: 14.616 min Scan# 1962

Delta R.T. -0.064 min

Lab File: BG060196.D

Acq: 2 Jan 2024 15:50

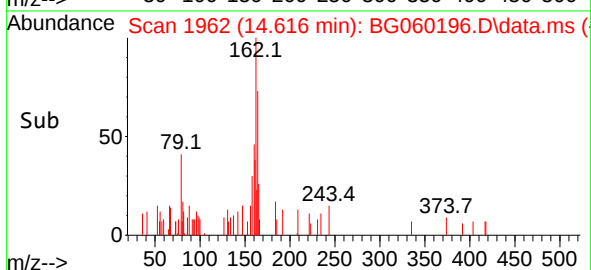
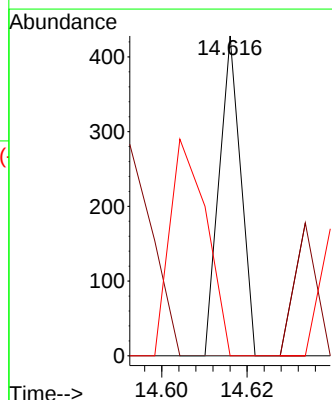
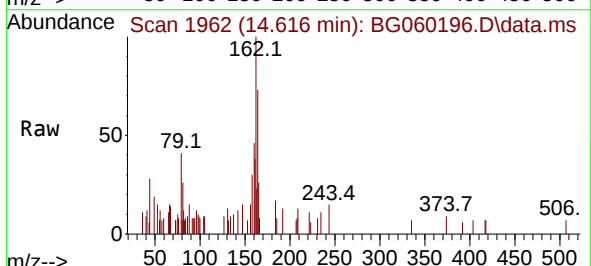
Tgt Ion:184 Resp: 151

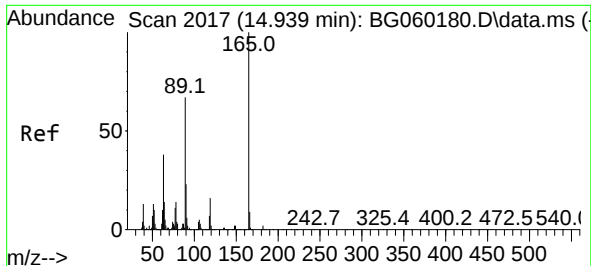
Ion Ratio Lower Upper

184 100

63 0.0 45.4 68.2#

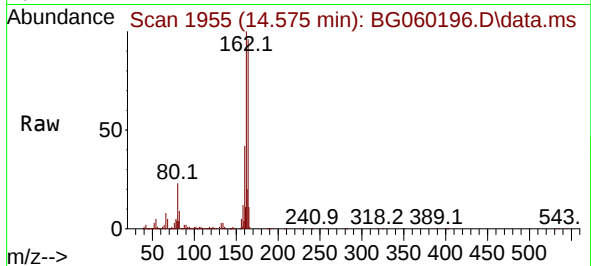
154 0.0 40.0 60.0#



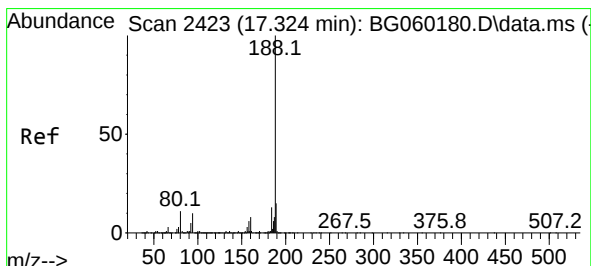
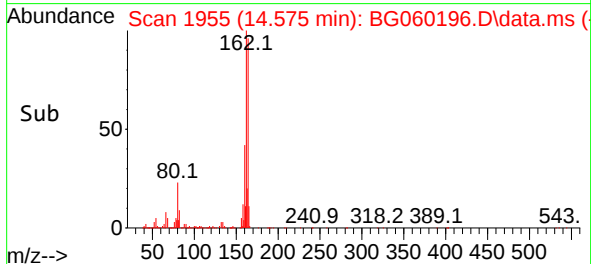
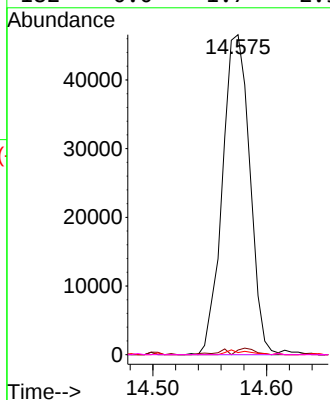


#57
2,4-Dinitrotoluene
Concen: 6.102 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.364 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

Instrument :
BNA_G
ClientSampleId :

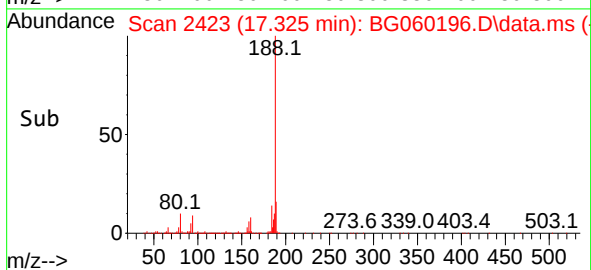
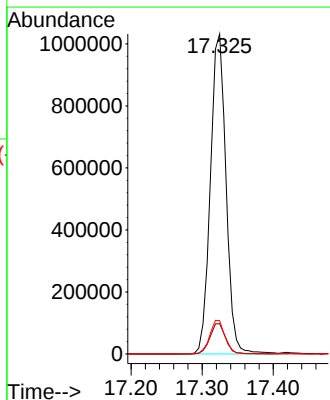
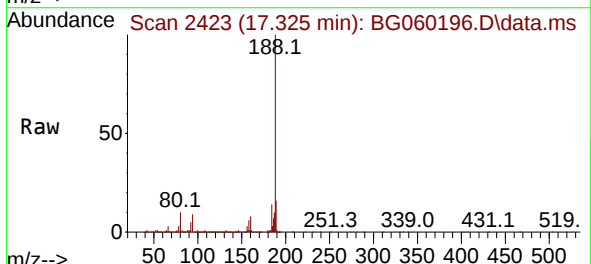


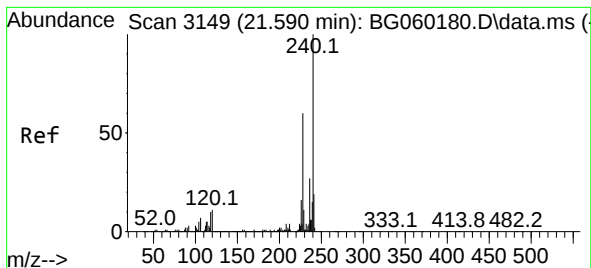
Tgt Ion:165 Resp: 78011
Ion Ratio Lower Upper
165 100
63 1.5 31.0 46.6#
89 0.6 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

Tgt Ion:188 Resp: 1577704
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.4 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3149

Delta R.T. 0.000 min

Lab File: BG060196.D

Acq: 2 Jan 2024 15:50

Instrument :

BNA_G

ClientSampleId :

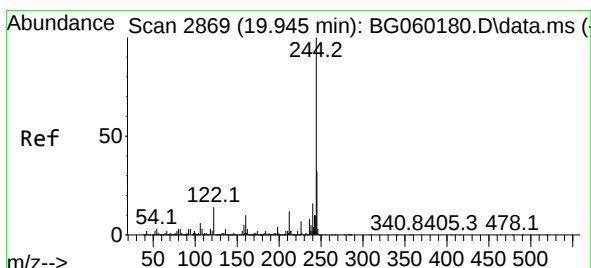
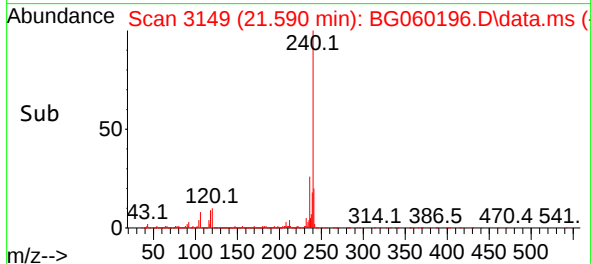
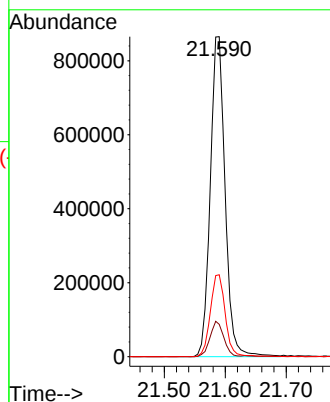
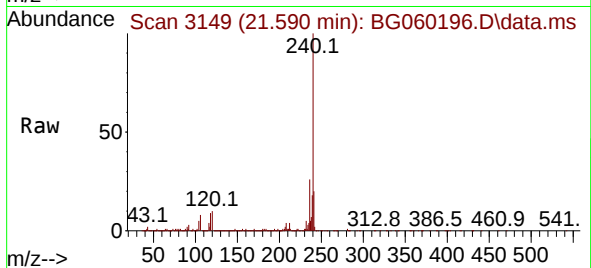
Tgt Ion:240 Resp: 1464158

Ion Ratio Lower Upper

240 100

120 10.1 8.5 12.7

236 25.6 21.4 32.2



#79

Terphenyl-d14

Concen: 20.663 ng

RT: 19.939 min Scan# 2868

Delta R.T. -0.006 min

Lab File: BG060196.D

Acq: 2 Jan 2024 15:50

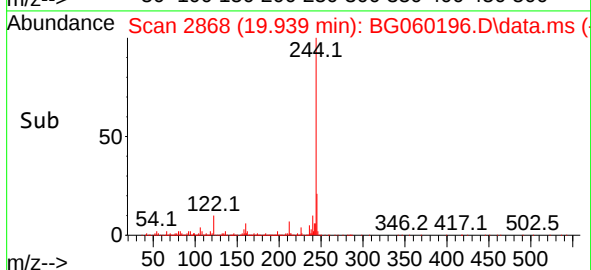
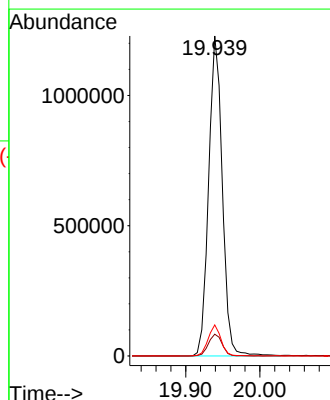
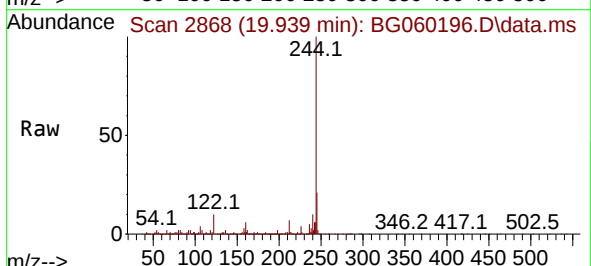
Tgt Ion:244 Resp: 1573699

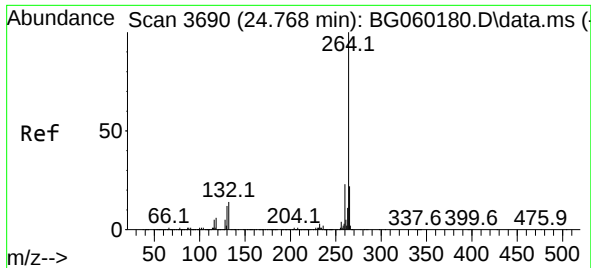
Ion Ratio Lower Upper

244 100

212 6.8 9.5 14.3#

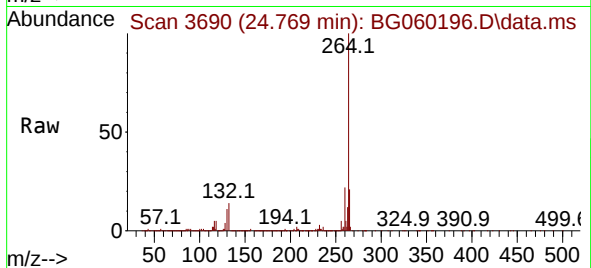
122 9.7 11.4 17.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.769 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 1607329

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.0	27.0
265	21.0	17.4	26.0

