

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
 Data File : BG060961.D
 Acq On : 19 Apr 2024 16:14
 Operator : MA/JU
 Sample : P2189-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 19 17:12:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

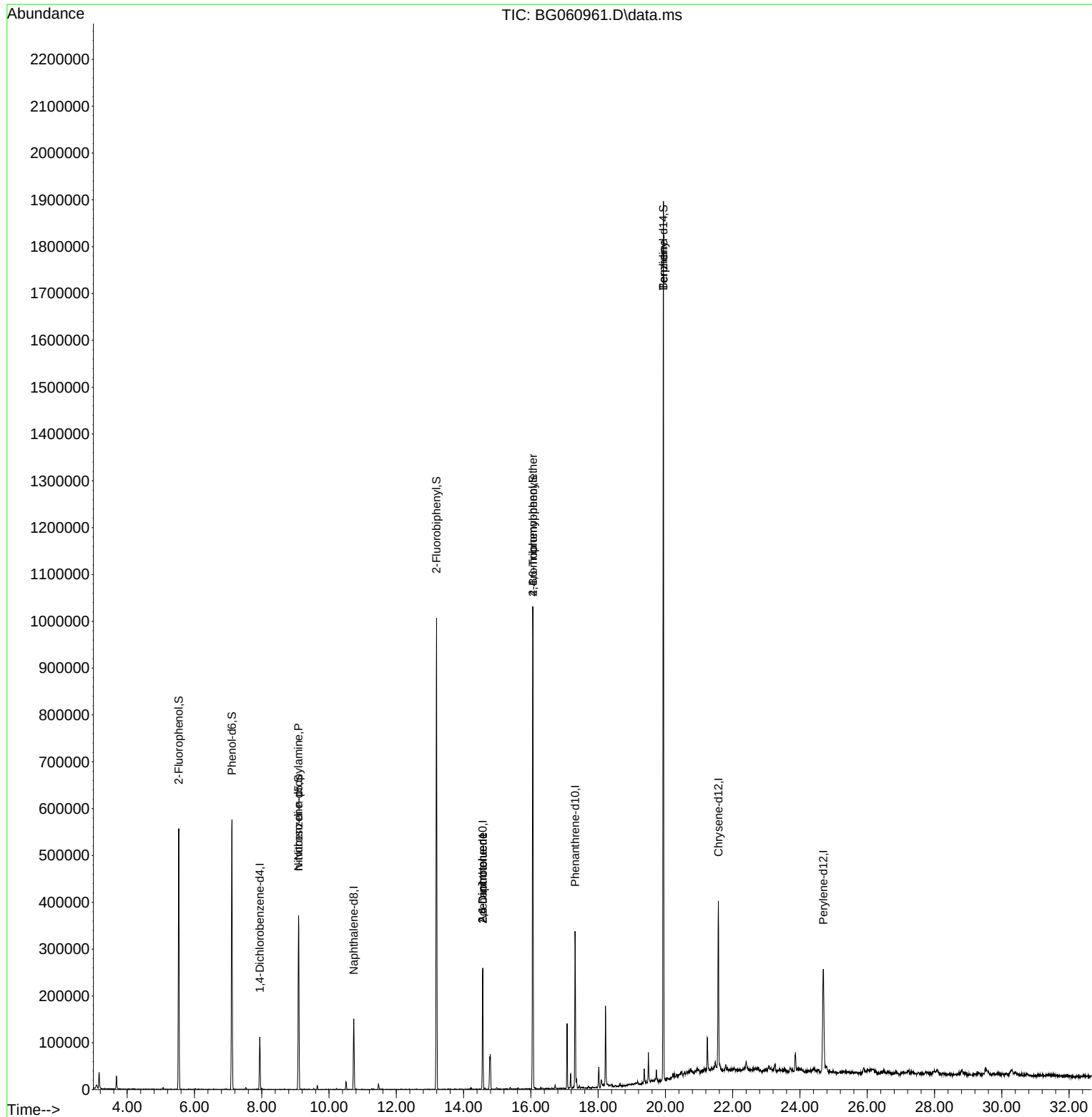
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	28885	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	119035	20.000	ng	# 0.00
39) Acenaphthene-d10	14.569	164	94732	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	212192	20.000	ng	# 0.00
76) Chrysene-d12	21.572	240	205581	20.000	ng	# 0.00
86) Perylene-d12	24.692	264	254597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	196772	118.327	ng	0.00
7) Phenol-d6	7.113	99	262305	109.494	ng	0.00
23) Nitrobenzene-d5	9.093	82	189914	72.430	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	220572	140.940	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	506418	78.447	ng	0.00
79) Terphenyl-d14	19.939	244	960159	81.511	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.093	70	28357	15.540	ng	# 76
51) 2,6-Dinitrotoluene	14.569	165	12313	8.036	ng	# 18
57) 2,4-Dinitrotoluene	14.569	165	12313	5.624	ng	# 20
67) 4-Bromophenyl-phenylether	16.061	248	13495	5.677	ng	# 1
77) Benzydine	19.939	184	16933	3.734	ng	# 91

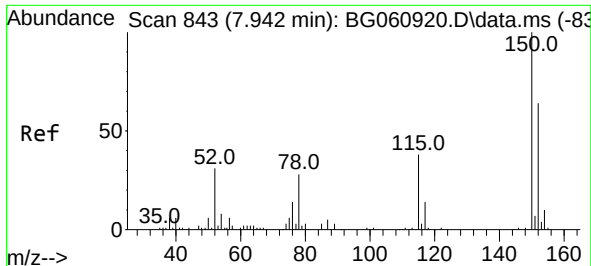
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060961.D
Acq On : 19 Apr 2024 16:14
Operator : MA/JU
Sample : P2189-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

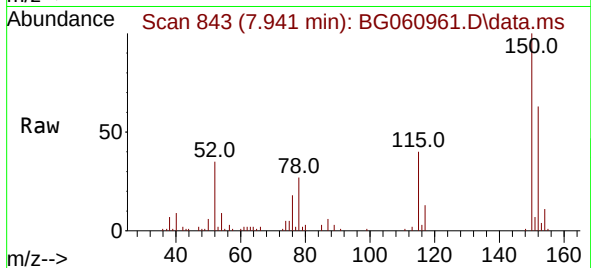
Quant Time: Apr 19 17:12:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
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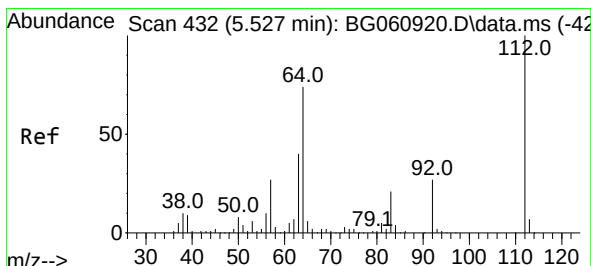
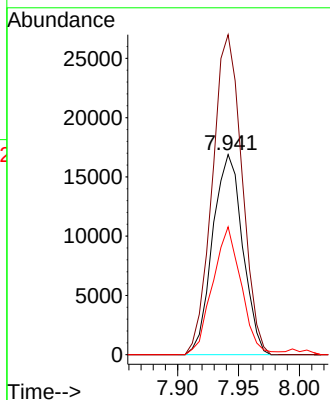
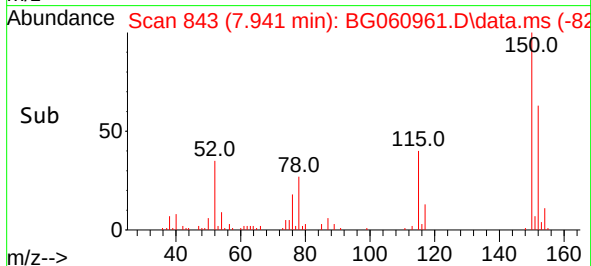


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

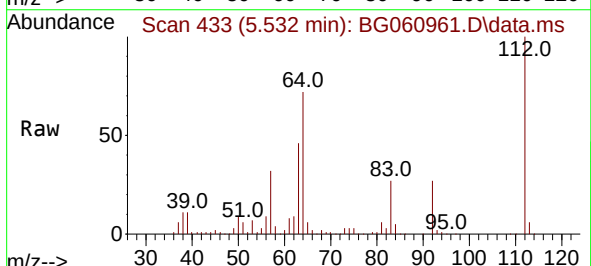
Instrument :
BNA_G
ClientSampleId :



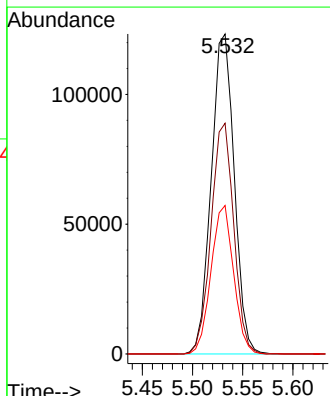
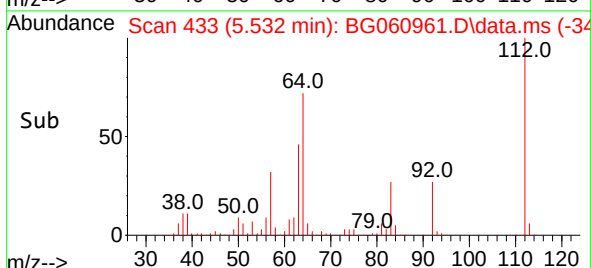
Tgt Ion:152 Resp: 28885
Ion Ratio Lower Upper
152 100
150 159.9 125.6 188.4
115 63.9 47.1 70.7

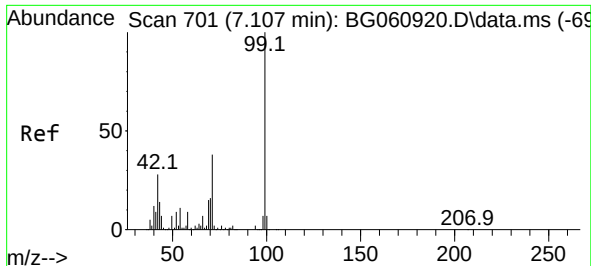


#5
2-Fluorophenol
Concen: 118.327 ng
RT: 5.532 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14



Tgt Ion:112 Resp: 196772
Ion Ratio Lower Upper
112 100
64 72.1 58.9 88.3
63 46.4 32.1 48.1

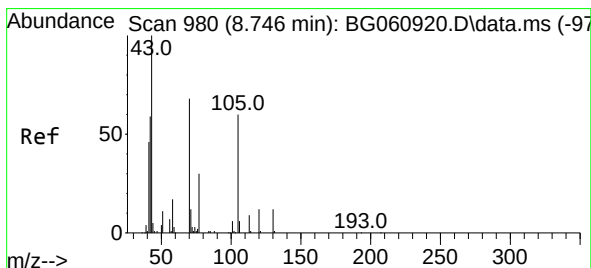
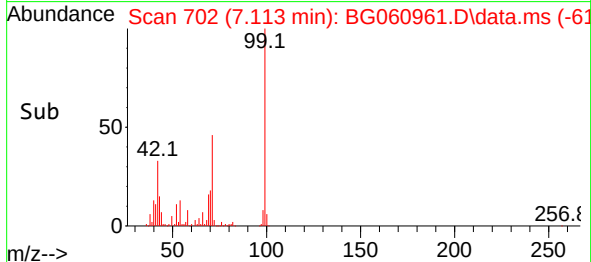
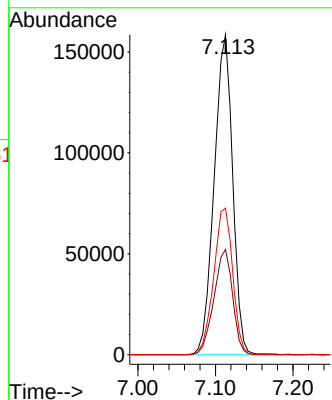
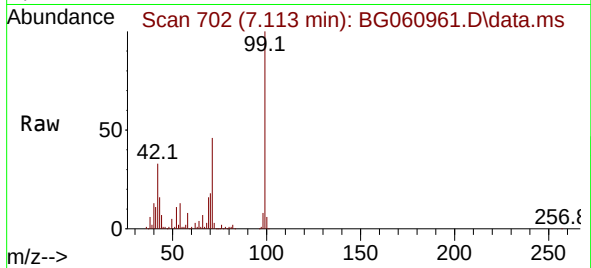




#7
Phenol-d6
Concen: 109.494 ng
RT: 7.113 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

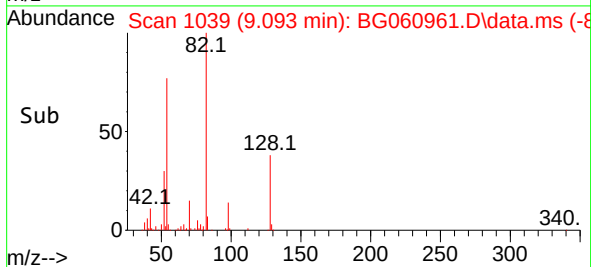
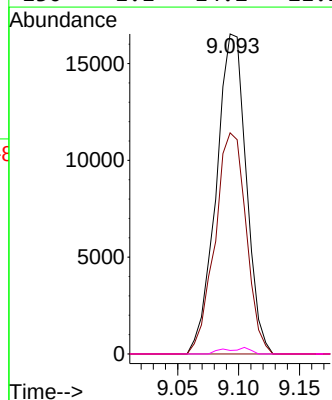
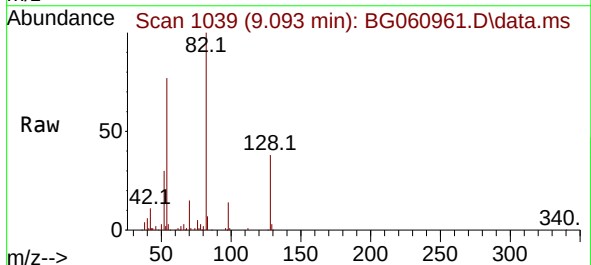
Instrument :
BNA_G
ClientSampleId :

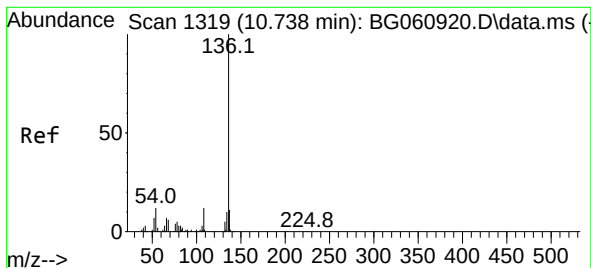
Tgt Ion: 99 Resp: 262305
Ion Ratio Lower Upper
99 100
42 32.9 22.2 33.2
71 45.8 30.5 45.7#



#19
n-Nitroso-di-n-propylamine
Concen: 15.540 ng
RT: 9.093 min Scan# 1039
Delta R.T. 0.346 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

Tgt Ion: 70 Resp: 28357
Ion Ratio Lower Upper
70 100
42 69.1 70.9 106.3#
101 0.0 7.0 10.4#
130 1.1 14.2 21.2#

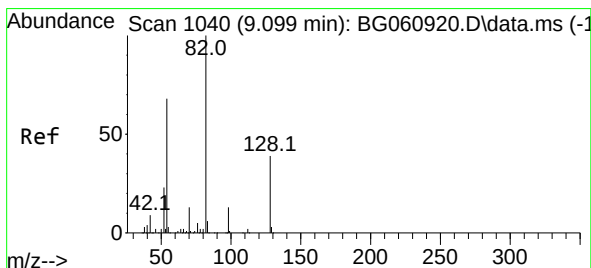
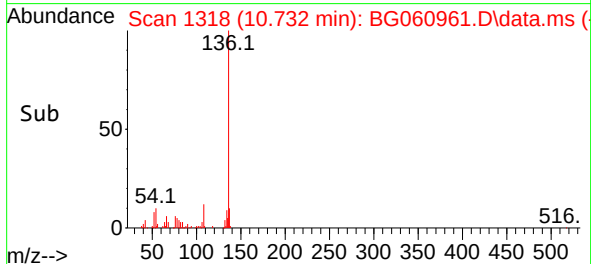
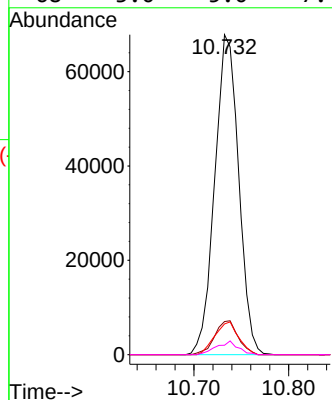
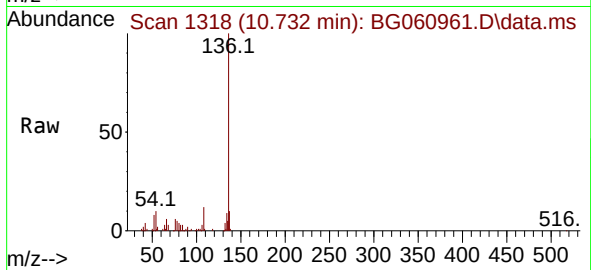




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

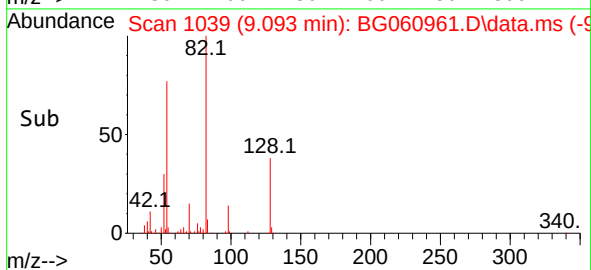
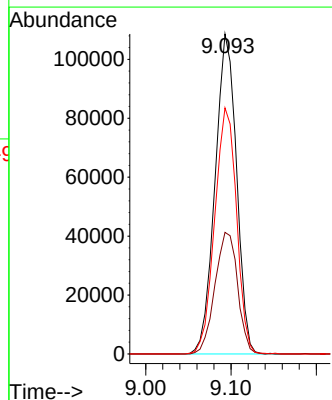
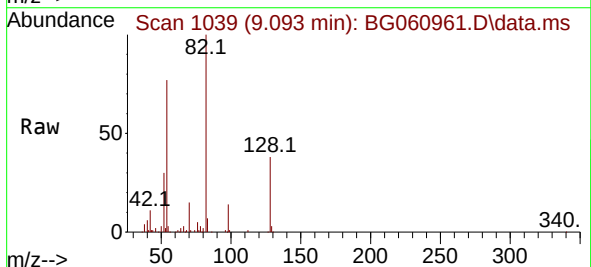
Instrument :
BNA_G
ClientSampleId :

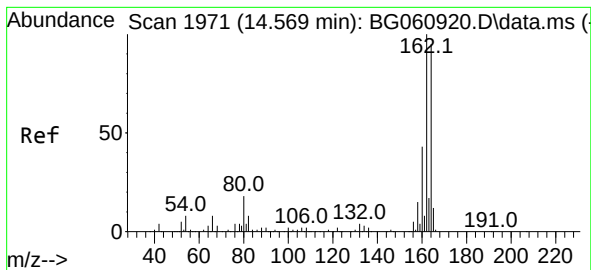
Tgt Ion:136 Resp: 119035
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 9.6 9.8 14.8#
68 3.0 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 72.430 ng
RT: 9.093 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

Tgt Ion: 82 Resp: 189914
Ion Ratio Lower Upper
82 100
128 38.0 31.4 47.0
54 76.9 54.2 81.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BG060961.D

Acq: 19 Apr 2024 16:14

Instrument :

BNA_G

ClientSampleId :

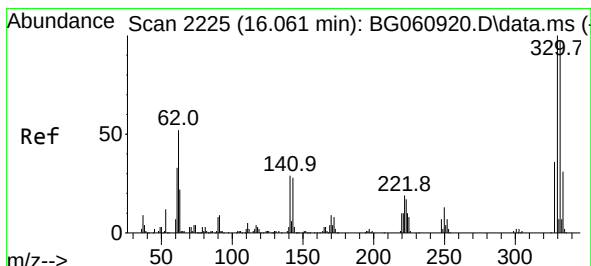
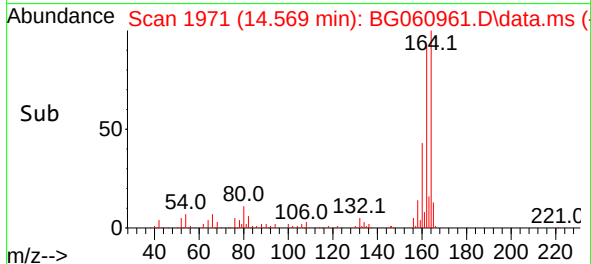
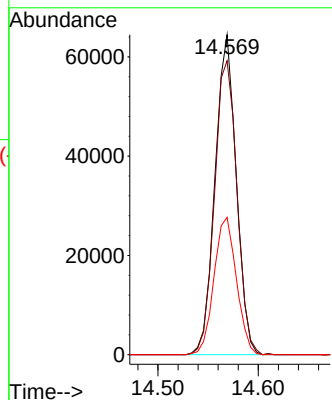
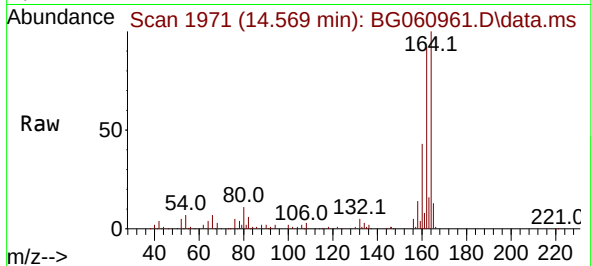
Tgt Ion:164 Resp: 94732

Ion Ratio Lower Upper

164 100

162 91.9 84.1 126.1

160 42.9 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 140.940 ng

RT: 16.061 min Scan# 2225

Delta R.T. -0.000 min

Lab File: BG060961.D

Acq: 19 Apr 2024 16:14

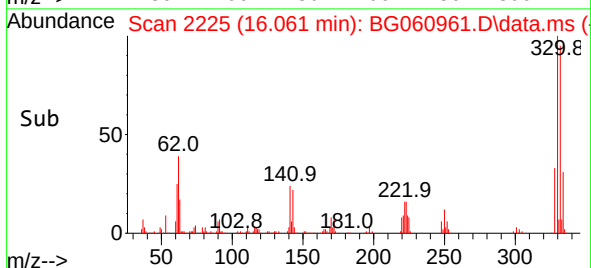
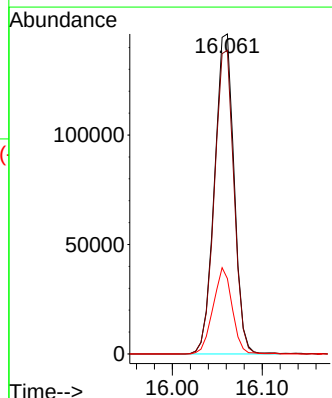
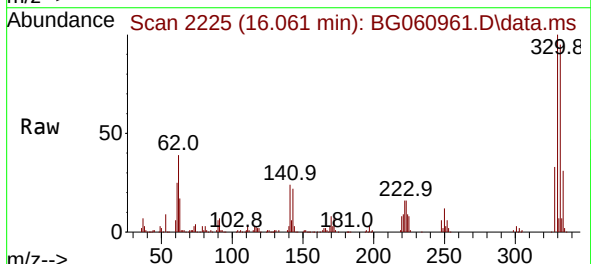
Tgt Ion:330 Resp: 220572

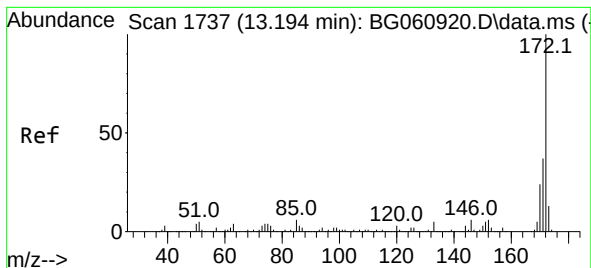
Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

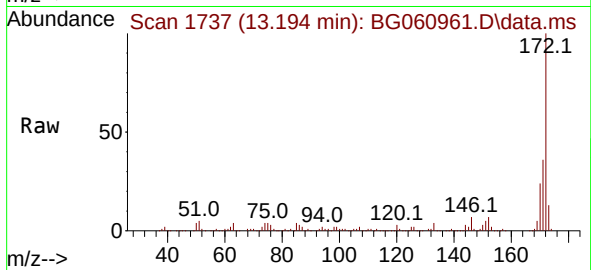
141 26.3 23.7 35.5



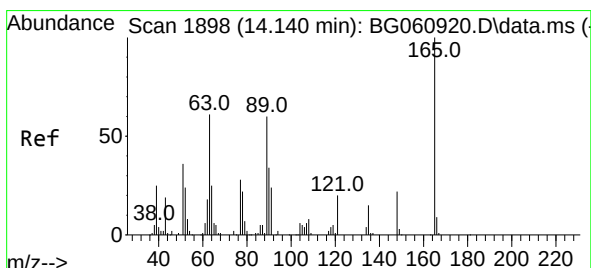
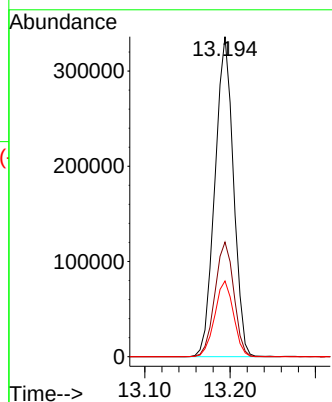
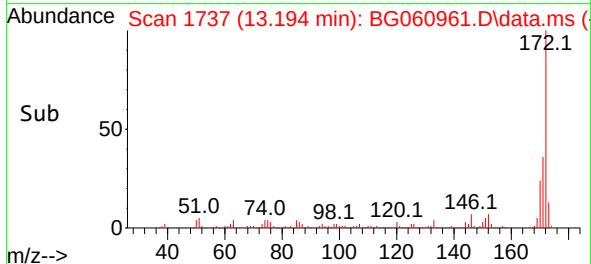


#45
2-Fluorobiphenyl
Concen: 78.447 ng
RT: 13.194 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

Instrument :
BNA_G
ClientSampleId :

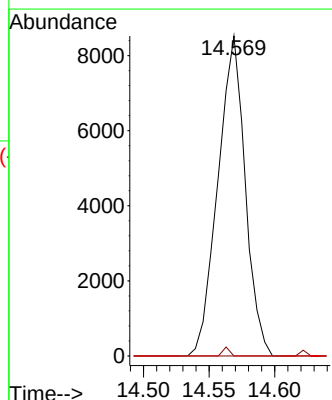
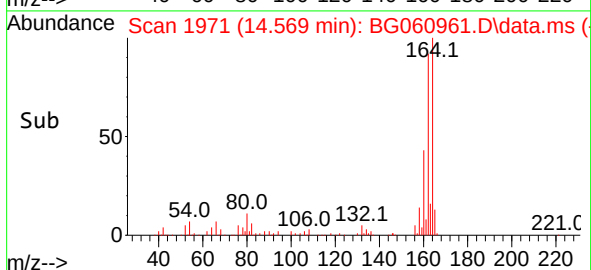
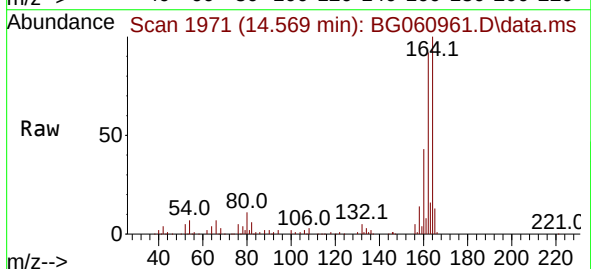


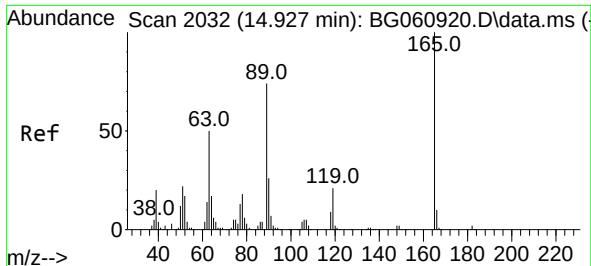
Tgt Ion:172 Resp: 506418
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.7 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.036 ng
RT: 14.569 min Scan# 1971
Delta R.T. 0.429 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

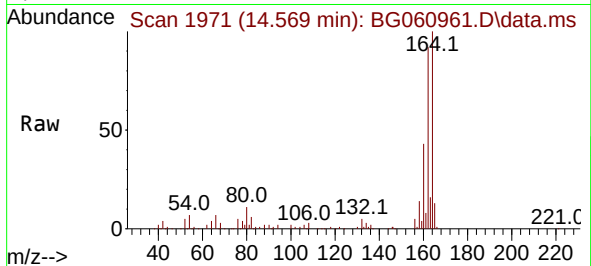
Tgt Ion:165 Resp: 12313
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.8#
89 0.0 48.2 72.4#



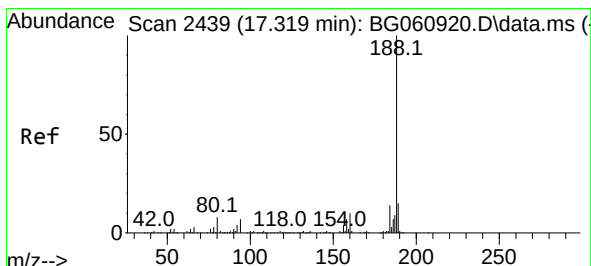
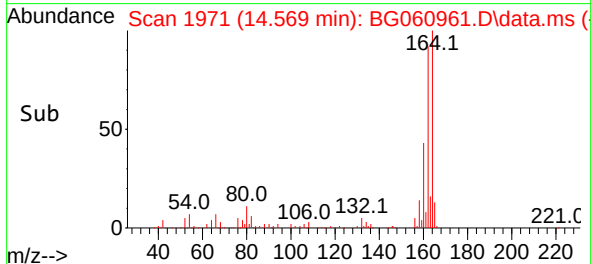
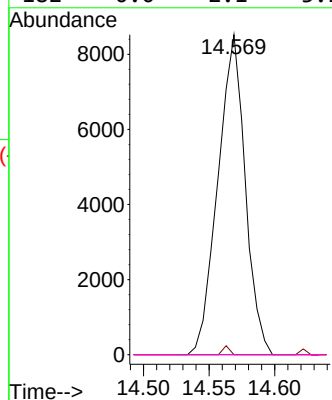


#57
2,4-Dinitrotoluene
Concen: 5.624 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.359 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

Instrument :
BNA_G
ClientSampleId :

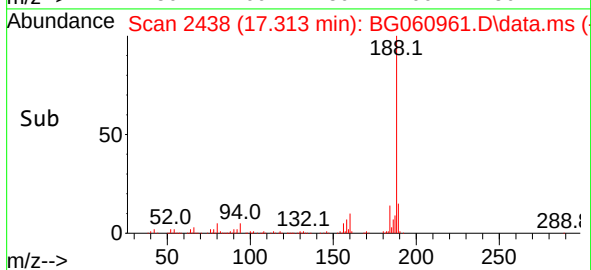
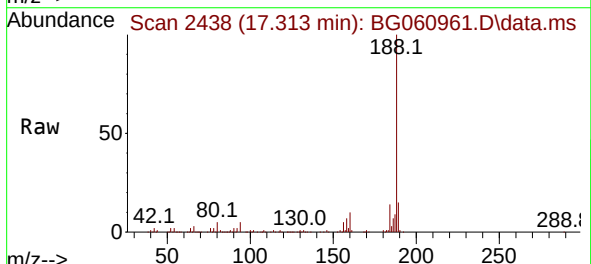
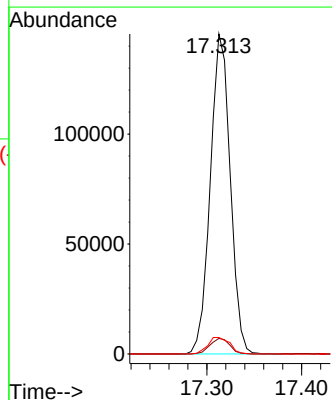


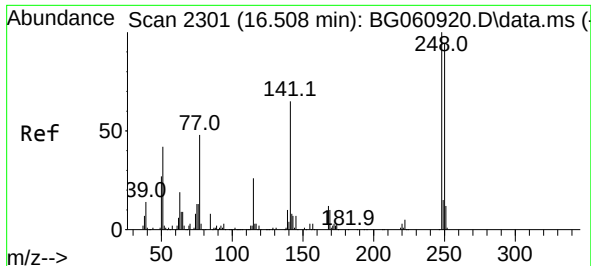
Tgt Ion:165 Resp: 12313
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.2#
89 0.0 59.0 88.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

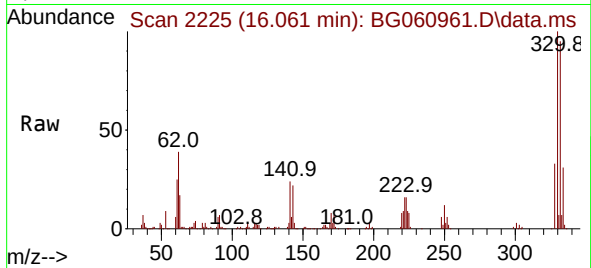
Tgt Ion:188 Resp: 212192
Ion Ratio Lower Upper
188 100
94 4.9 5.7 8.5#
80 5.1 6.6 9.8#



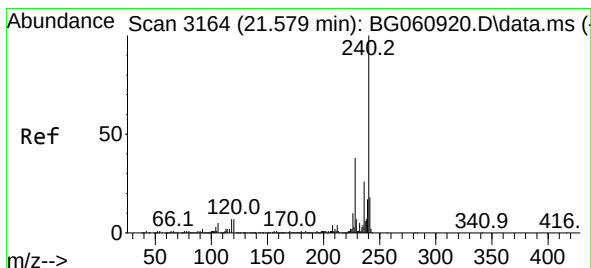
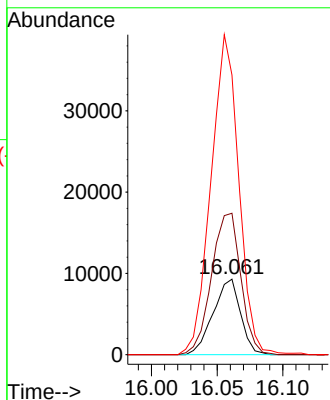
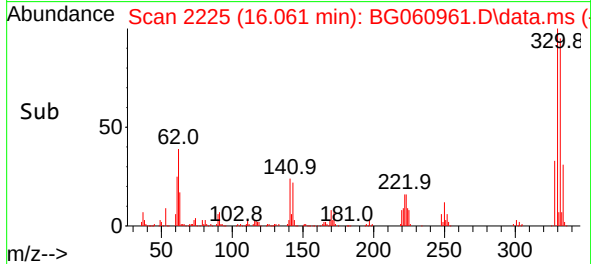


#67
4-Bromophenyl-phenylether
Concen: 5.677 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

Instrument :
BNA_G
ClientSampleId :

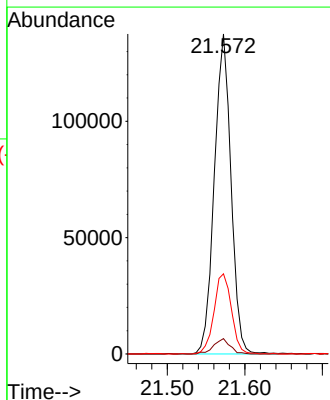
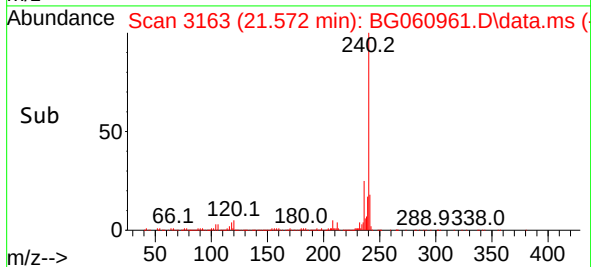
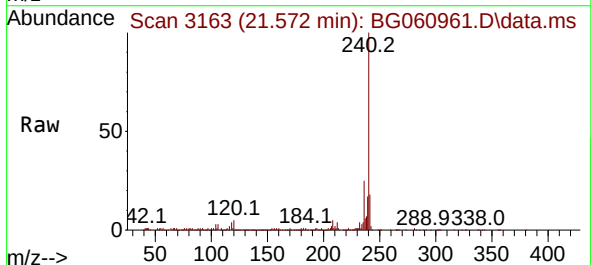


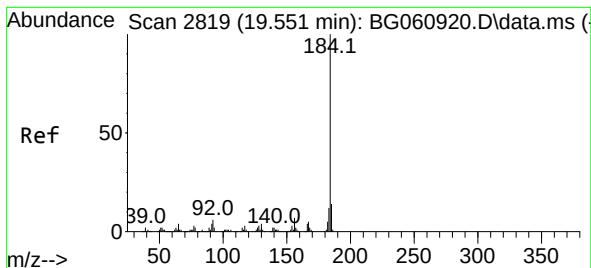
Tgt Ion:248 Resp: 13495
Ion Ratio Lower Upper
248 100
250 187.2 75.4 113.2#
141 370.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG060961.D
Acq: 19 Apr 2024 16:14

Tgt Ion:240 Resp: 205581
Ion Ratio Lower Upper
240 100
120 4.8 5.7 8.5#
236 25.1 21.1 31.7





#77

Benzidine

Concen: 3.734 ng

RT: 19.939 min Scan# 2885

Delta R.T. 0.388 min

Lab File: BG060961.D

Acq: 19 Apr 2024 16:14

Instrument :

BNA_G

ClientSampleId :

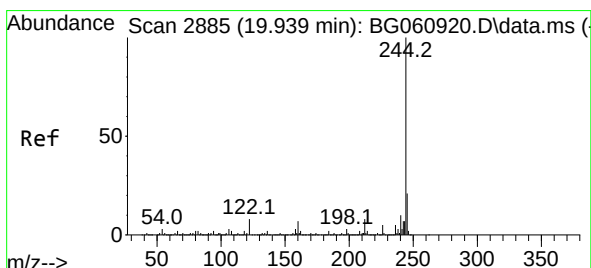
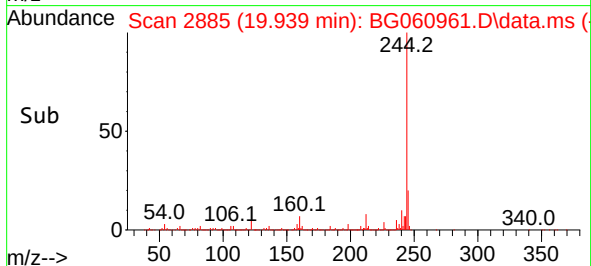
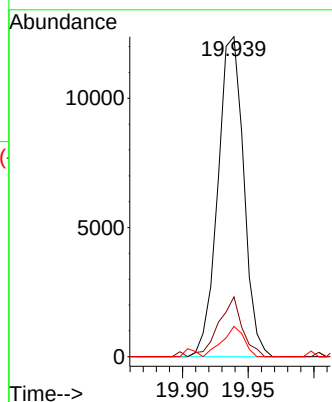
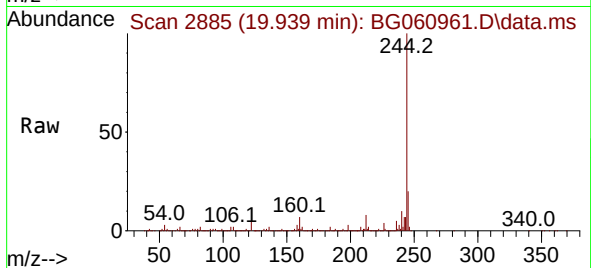
Tgt Ion:184 Resp: 16933

Ion Ratio Lower Upper

184 100

185 18.7 11.4 17.0#

183 9.4 9.4 14.2#



#79

Terphenyl-d14

Concen: 81.511 ng

RT: 19.939 min Scan# 2885

Delta R.T. -0.000 min

Lab File: BG060961.D

Acq: 19 Apr 2024 16:14

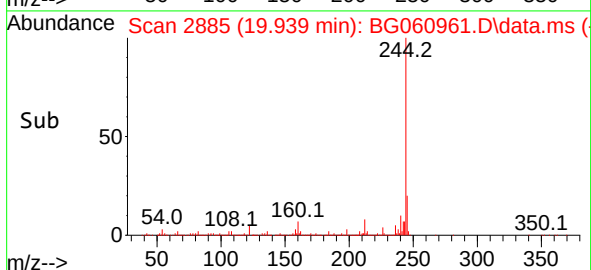
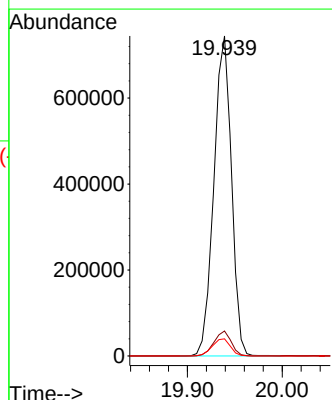
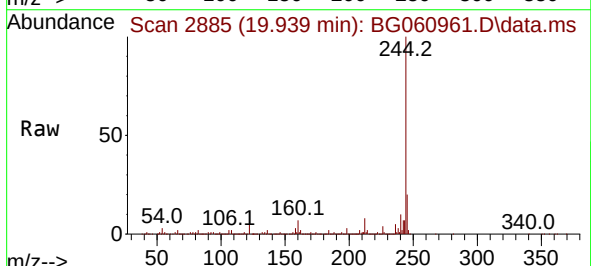
Tgt Ion:244 Resp: 960159

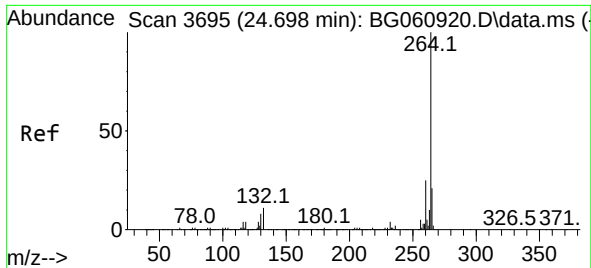
Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

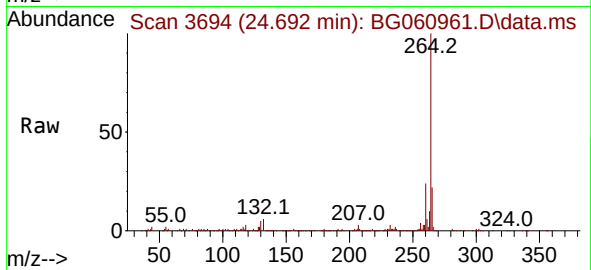
122 5.3 6.6 9.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG060961.D
 Acq: 19 Apr 2024 16:14

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 254597
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.9 16.6 25.0

