

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057797.D
 Acq On : 21 Jun 2023 23:35
 Operator : CG/JU
 Sample : 03289-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 04:55:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

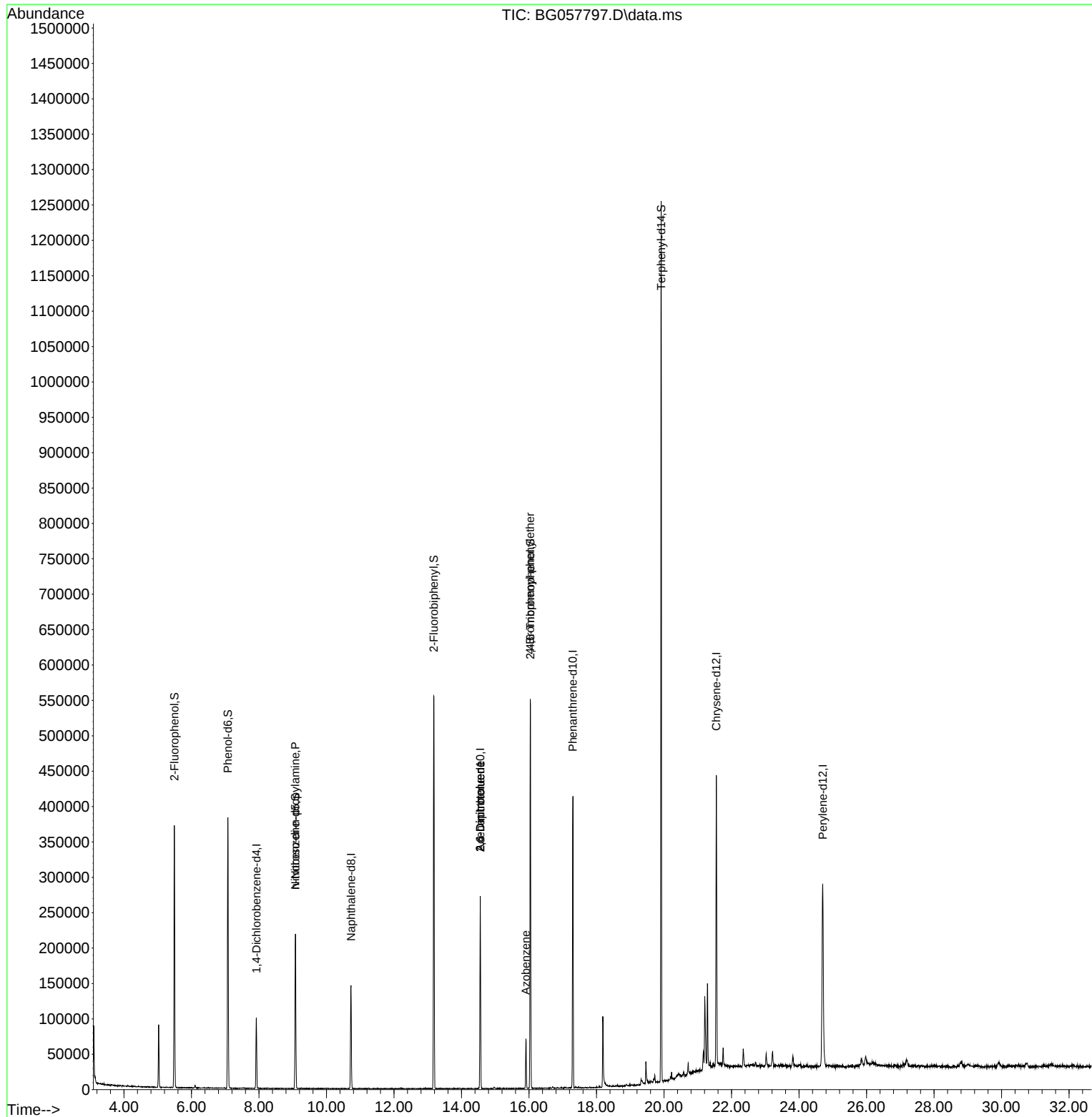
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	27959	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	124151	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	94208	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	254145	20.000	ng	0.00
76) Chrysene-d12	21.548	240	229844	20.000	ng	-0.01
86) Perylene-d12	24.704	264	279630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	152063	83.861	ng	0.00
7) Phenol-d6	7.077	99	222950	80.581	ng	-0.01
23) Nitrobenzene-d5	9.081	82	127704	52.792	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	115461	87.983	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	306688	49.377	ng	0.00
79) Terphenyl-d14	19.915	244	646075	52.414	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.081	70	15647	8.112	ng	# 80
51) 2,6-Dinitrotoluene	14.557	165	12217	9.169	ng	# 18
57) 2,4-Dinitrotoluene	14.557	165	12217	6.761	ng	# 18
63) Azobenzene	15.908	77	20204	2.661	ng	# 1
67) 4-Bromophenyl-phenylether	16.037	248	7440	2.760	ng	# 1

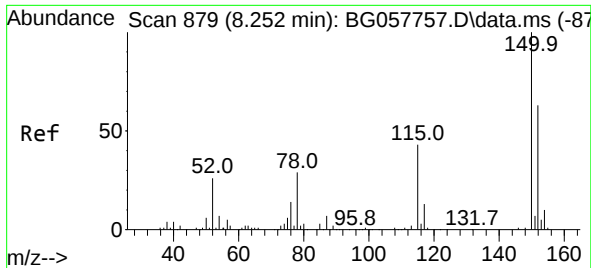
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
Data File : BG057797.D
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Misc :
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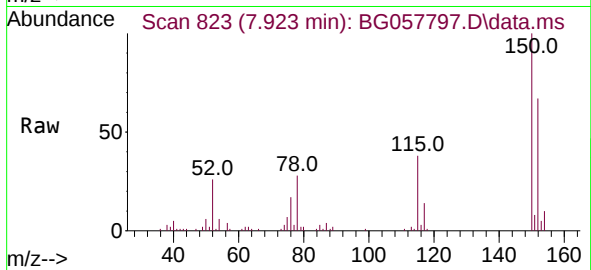
Quant Time: Jun 22 04:55:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration



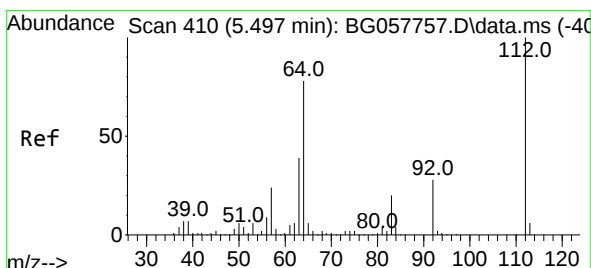
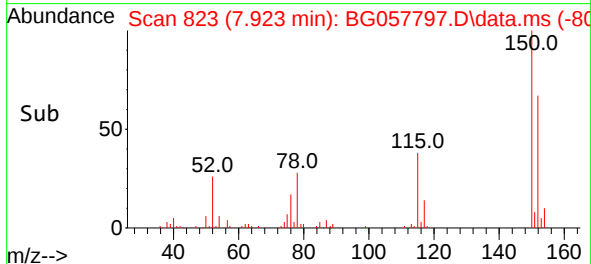
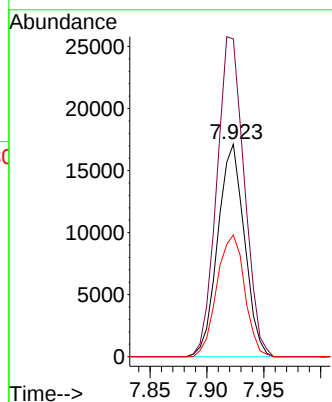


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

Instrument :
BNA_G
ClientSampleId :

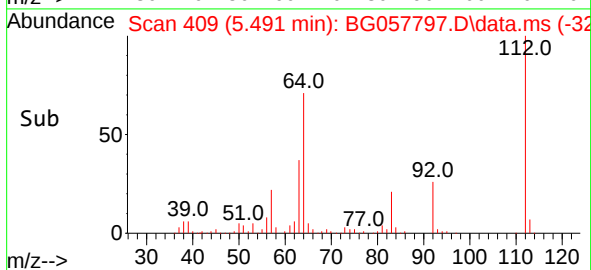
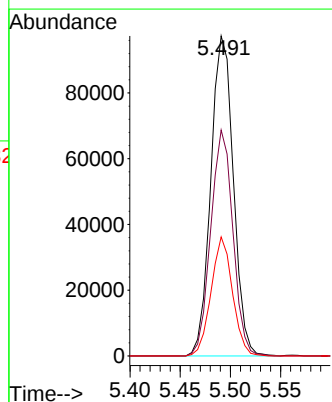
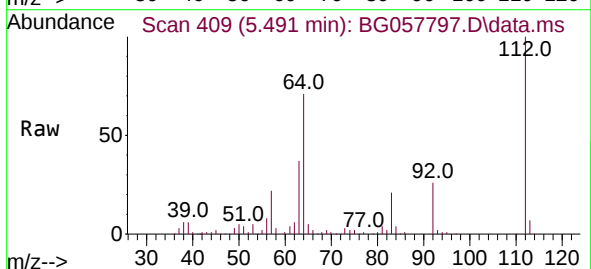


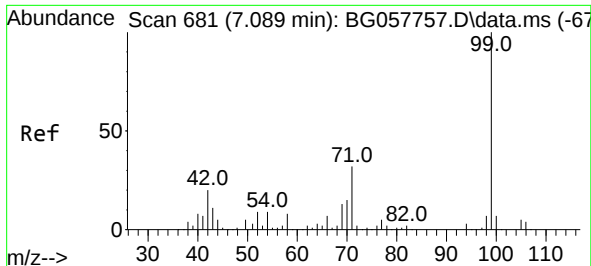
Tgt Ion:152 Resp: 27959
Ion Ratio Lower Upper
152 100
150 149.6 126.6 189.8
115 57.3 48.9 73.3



#5
2-Fluorophenol
Concen: 83.861 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

Tgt Ion:112 Resp: 152063
Ion Ratio Lower Upper
112 100
64 70.6 62.1 93.1
63 37.2 31.5 47.3

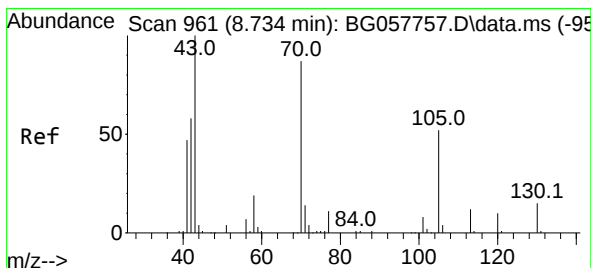
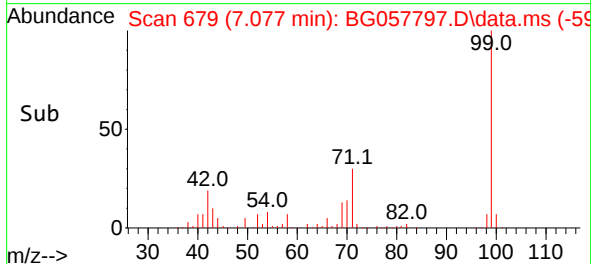
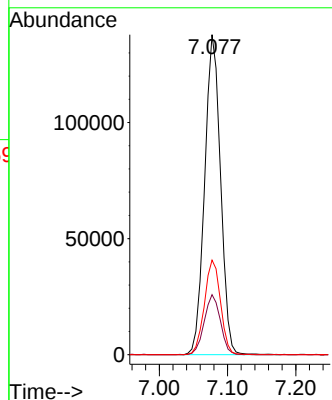
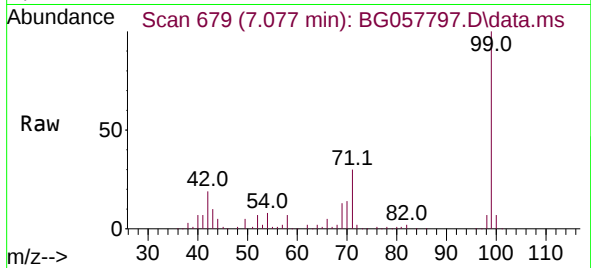




#7
Phenol-d6
Concen: 80.581 ng
RT: 7.077 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

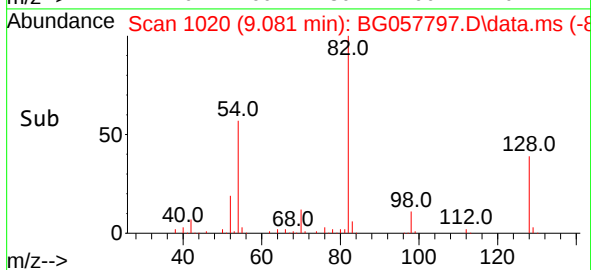
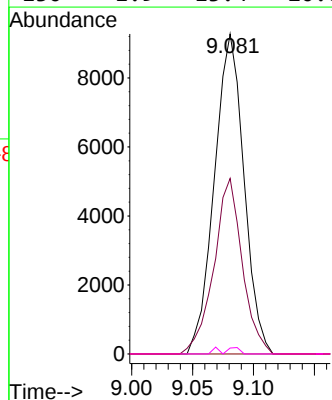
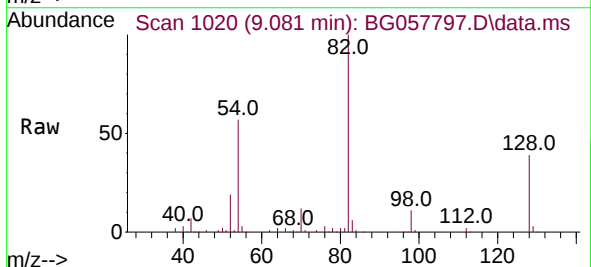
Instrument :
BNA_G
ClientSampleId :

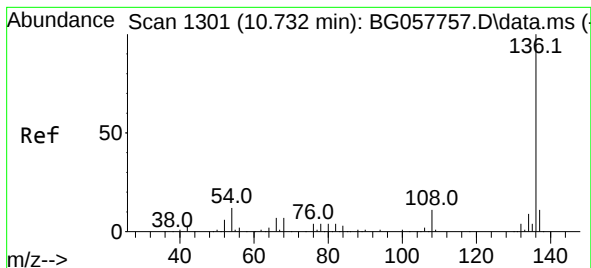
Tgt Ion: 99 Resp: 222950
Ion Ratio Lower Upper
99 100
42 18.8 16.4 24.6
71 29.5 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 8.112 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.347 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

Tgt Ion: 70 Resp: 15647
Ion Ratio Lower Upper
70 100
42 54.9 54.2 81.2
101 0.0 7.4 11.0#
130 1.9 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.726 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG057797.D

Acq: 21 Jun 2023 23:35

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:136 Resp: 124151

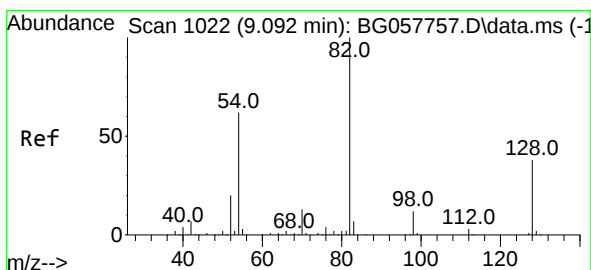
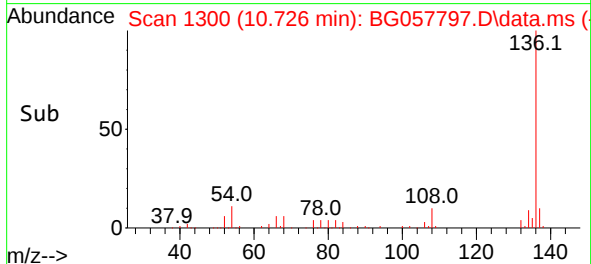
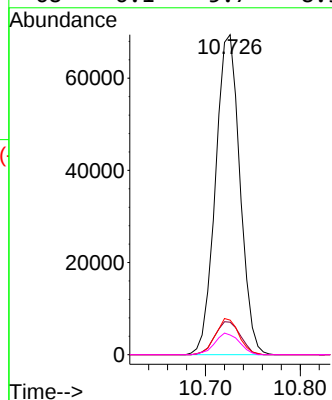
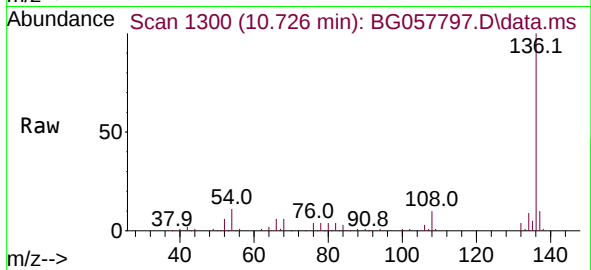
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 10.8 9.5 14.3

68 6.1 5.7 8.5



#23

Nitrobenzene-d5

Concen: 52.792 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BG057797.D

Acq: 21 Jun 2023 23:35

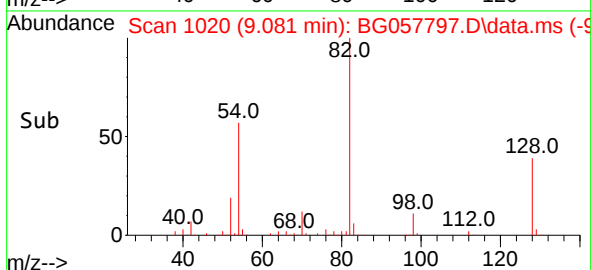
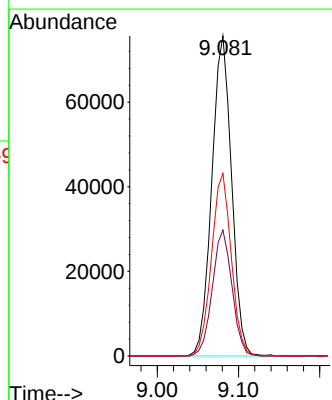
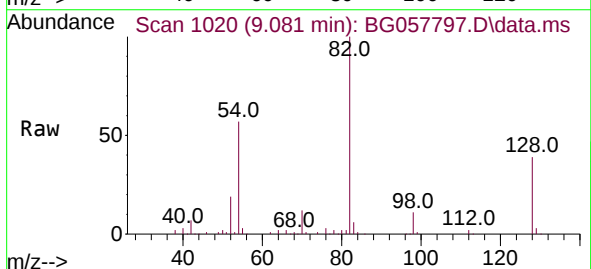
Tgt Ion: 82 Resp: 127704

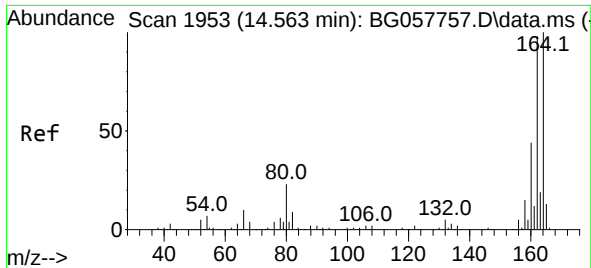
Ion Ratio Lower Upper

82 100

128 39.4 30.7 46.1

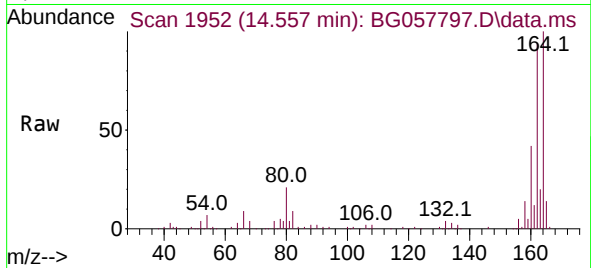
54 57.0 49.6 74.4



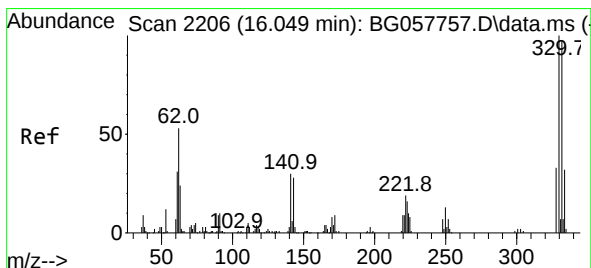
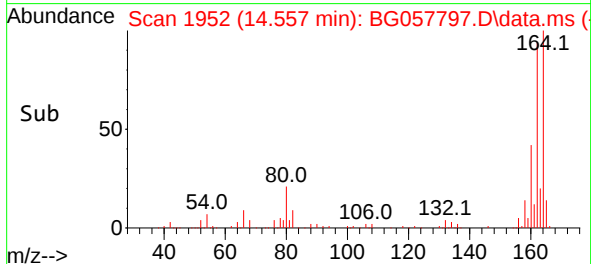
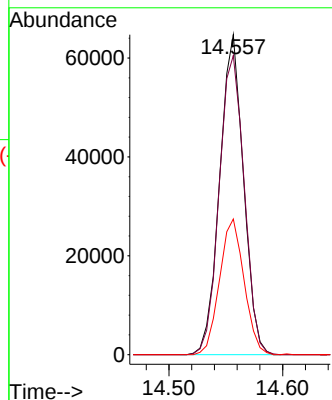


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

Instrument :
BNA_G
ClientSampleId :

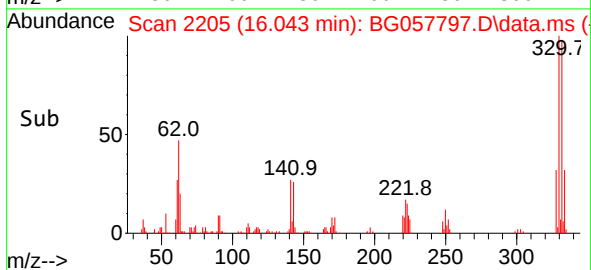
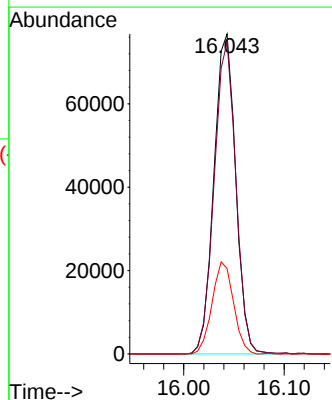
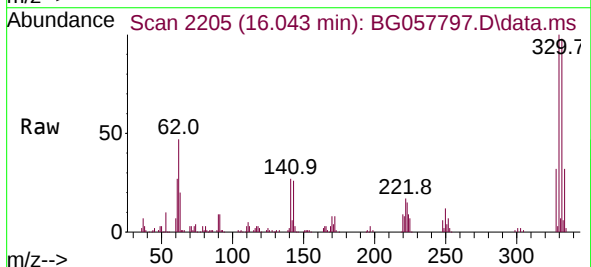


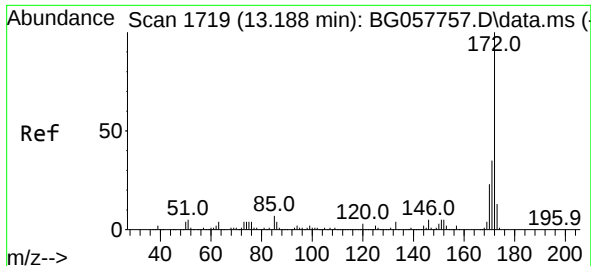
Tgt Ion:164 Resp: 94208
Ion Ratio Lower Upper
164 100
162 93.5 78.3 117.5
160 42.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 87.983 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

Tgt Ion:330 Resp: 115461
Ion Ratio Lower Upper
330 100
332 97.2 76.6 115.0
141 28.3 24.7 37.1

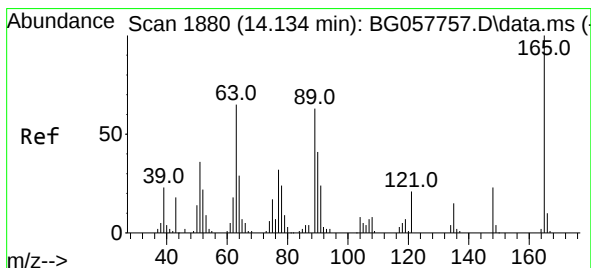
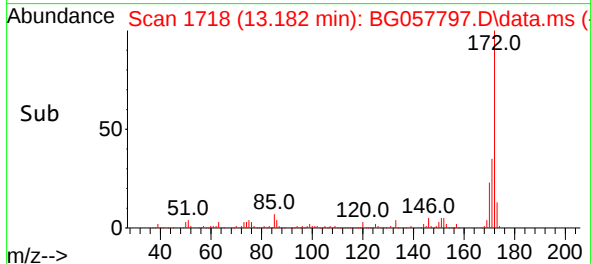
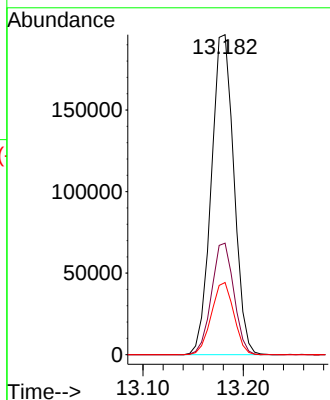
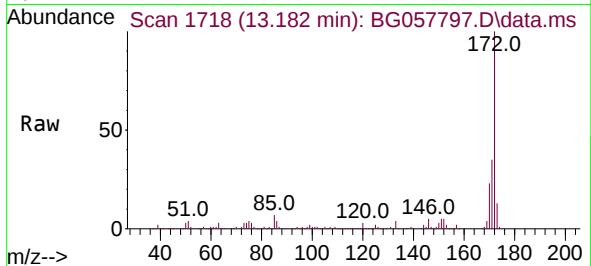




#45
2-Fluorobiphenyl
Concen: 49.377 ng
RT: 13.182 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

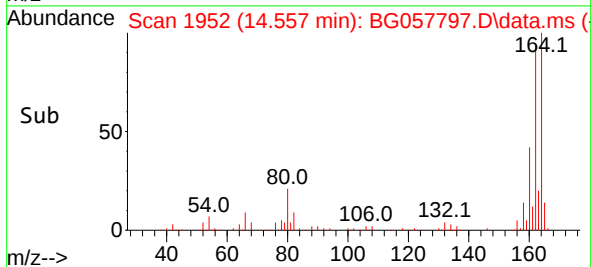
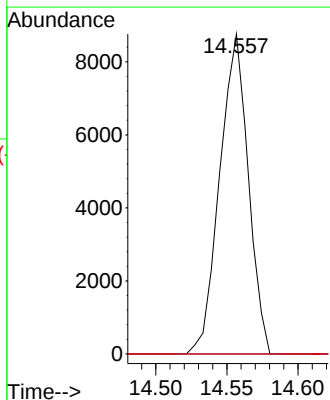
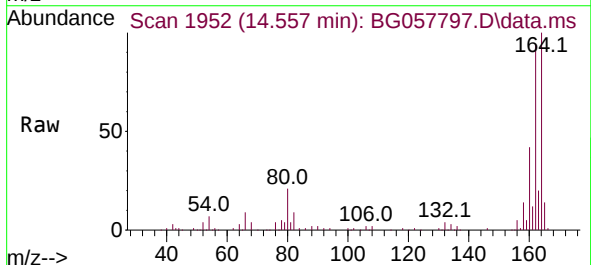
Instrument :
BNA_G
ClientSampleId :

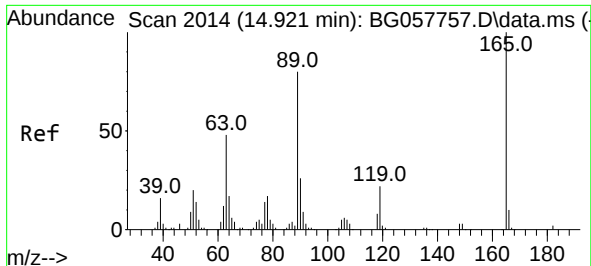
Tgt Ion:172 Resp: 306688
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.169 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.423 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

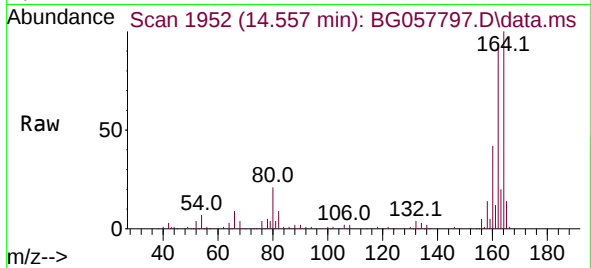
Tgt Ion:165 Resp: 12217
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 0.0 50.7 76.1#



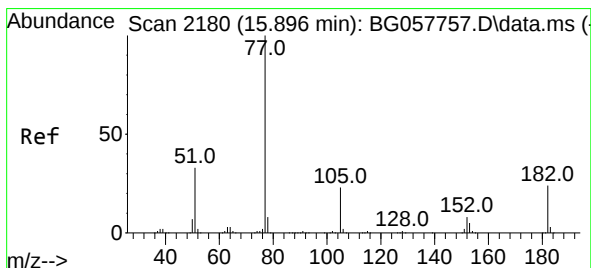
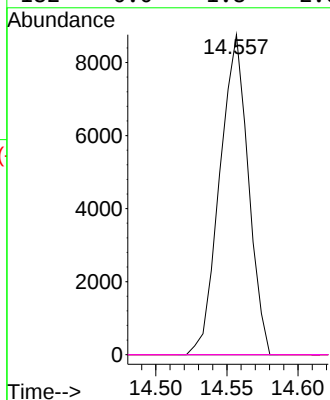
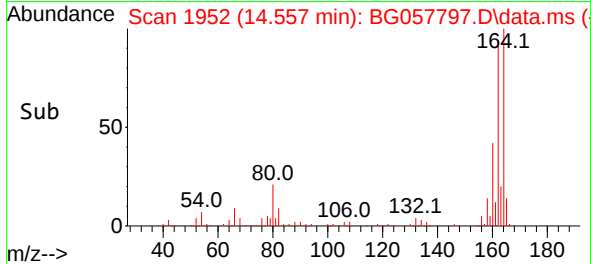


#57
2,4-Dinitrotoluene
Concen: 6.761 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.364 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

Instrument :
BNA_G
ClientSampleId :

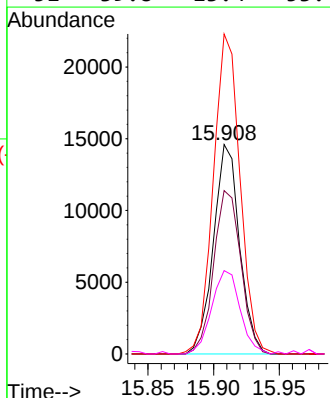
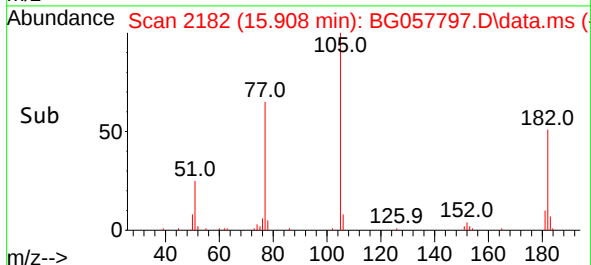
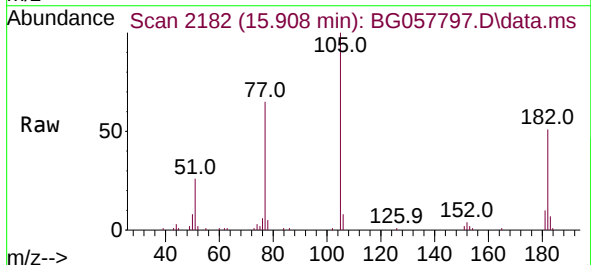


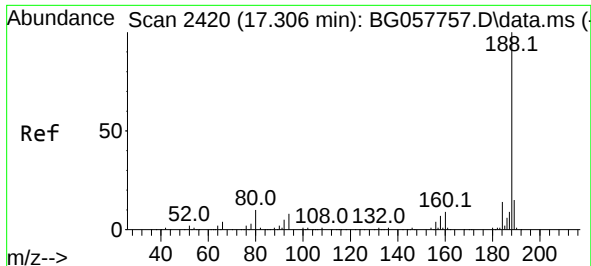
Tgt Ion:165 Resp: 12217
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 0.0 63.7 95.5#
182 0.0 1.8 2.6#



#63
Azobenzene
Concen: 2.661 ng
RT: 15.908 min Scan# 2182
Delta R.T. 0.012 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

Tgt Ion: 77 Resp: 20204
Ion Ratio Lower Upper
77 100
182 78.0 4.1 44.1#
105 152.7 3.3 43.3#
51 39.8 13.4 53.4

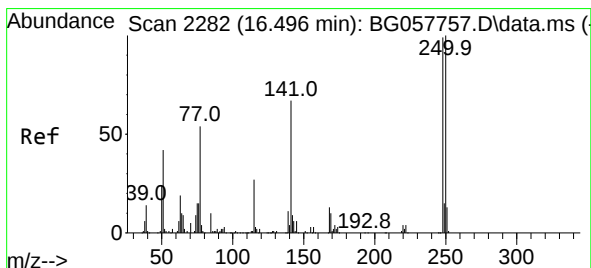
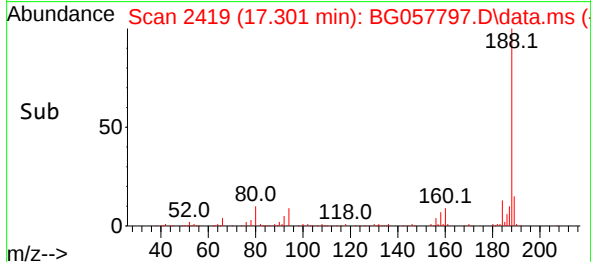
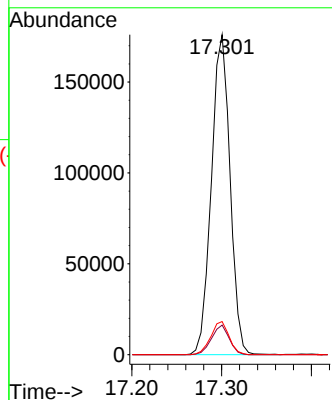
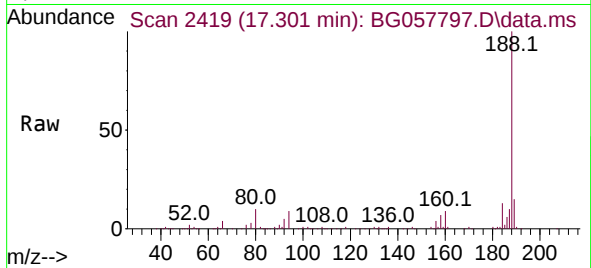




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

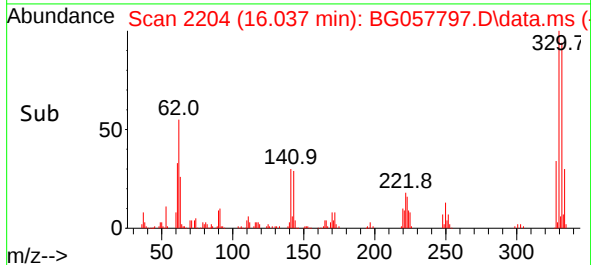
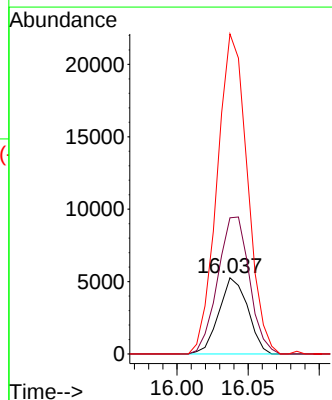
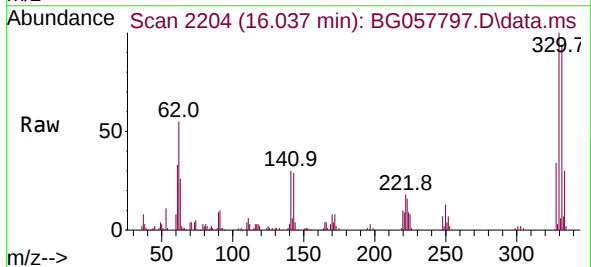
Instrument :
BNA_G
ClientSampleId :

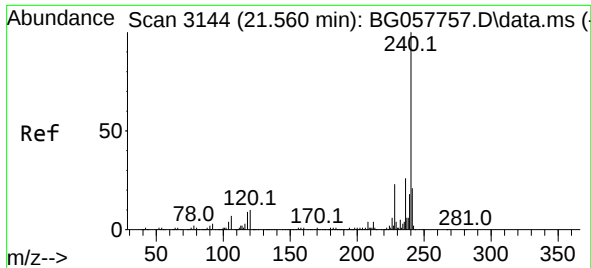
Tgt Ion:188 Resp: 254145
Ion Ratio Lower Upper
188 100
94 9.2 6.6 9.8
80 10.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.760 ng
RT: 16.037 min Scan# 2204
Delta R.T. -0.458 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

Tgt Ion:248 Resp: 7440
Ion Ratio Lower Upper
248 100
250 178.8 81.1 121.7#
141 420.4 54.6 81.8#

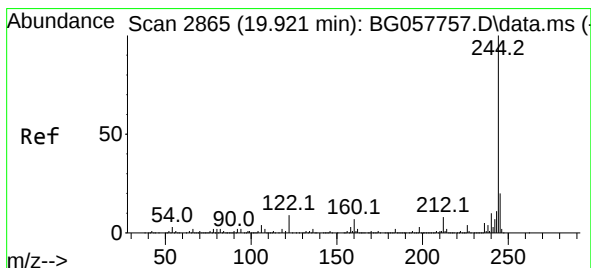
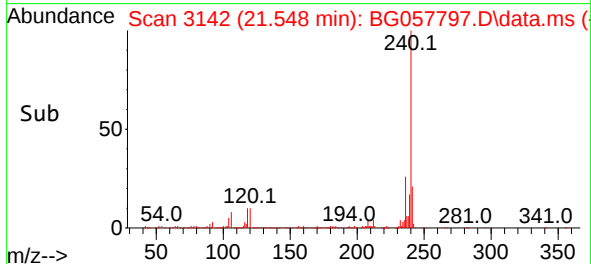
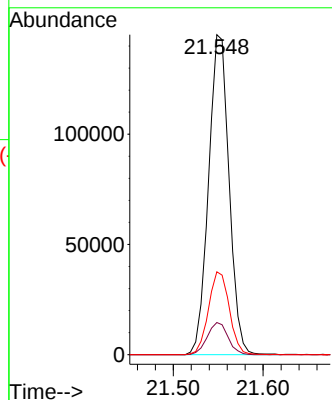
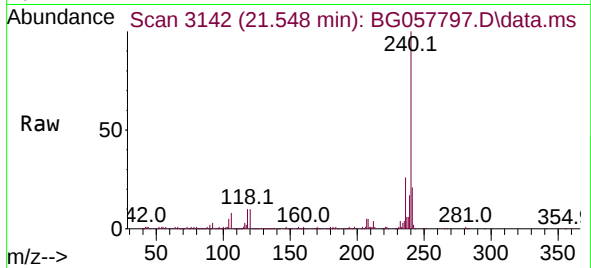




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

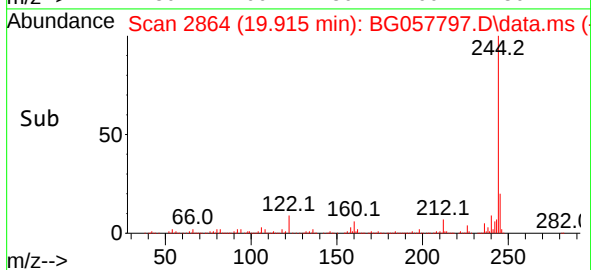
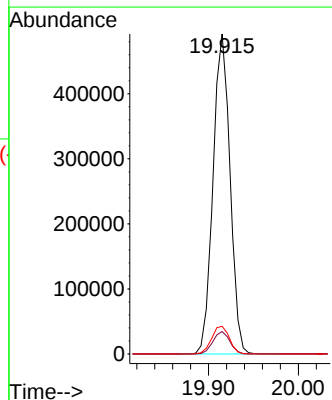
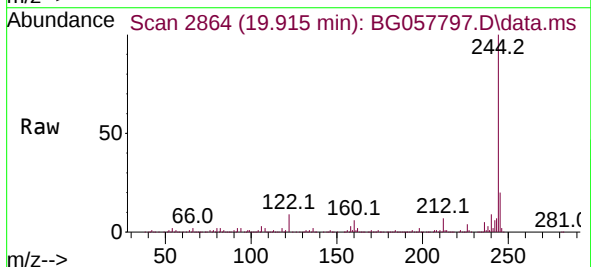
Instrument :
BNA_G
ClientSampleId :

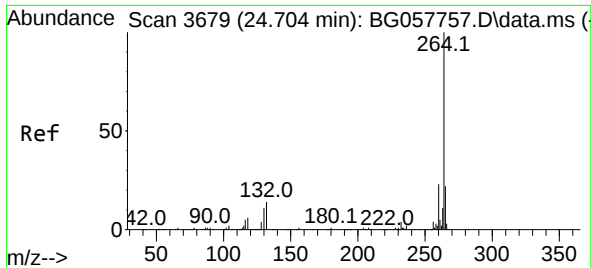
Tgt Ion:240 Resp: 229844
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 25.9 20.6 30.8



#79
Terphenyl-d14
Concen: 52.414 ng
RT: 19.915 min Scan# 2864
Delta R.T. -0.006 min
Lab File: BG057797.D
Acq: 21 Jun 2023 23:35

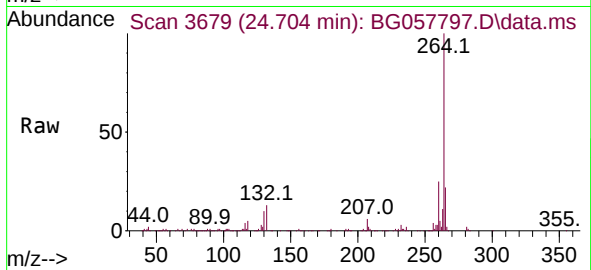
Tgt Ion:244 Resp: 646075
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 8.7 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.704 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG057797.D
 Acq: 21 Jun 2023 23:35

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 279630

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.5	27.7
265	21.9	17.4	26.2

