

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057798.D
 Acq On : 22 Jun 2023 00:17
 Operator : CG/JU
 Sample : 03302-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 04:55:57 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)

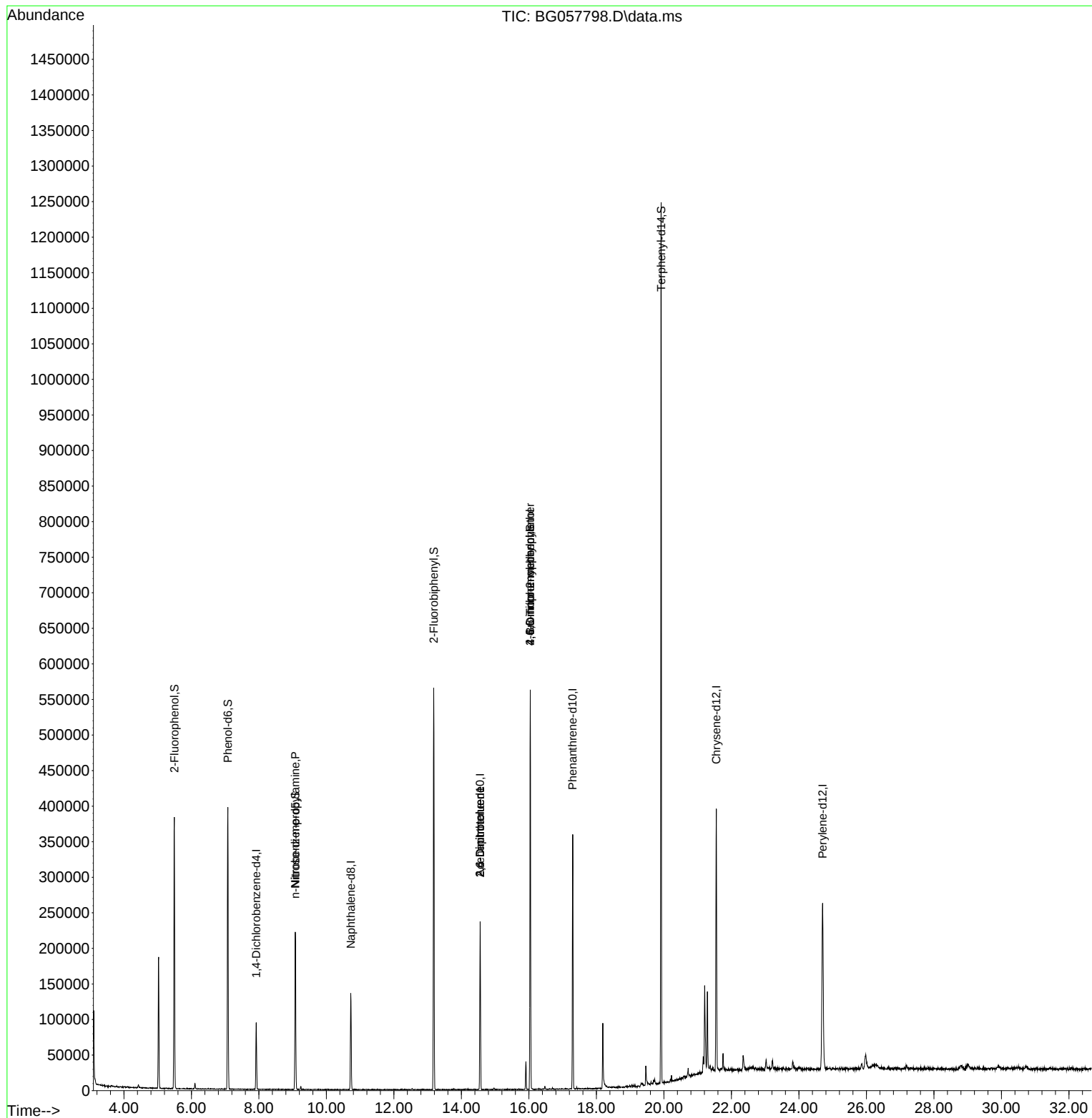
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	25377	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	112393	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	82485	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	227080	20.000	ng	0.00
76) Chrysene-d12	21.551	240	210785	20.000	ng	0.00
86) Perylene-d12	24.700	264	257962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	158720	96.438	ng	0.00
7) Phenol-d6	7.079	99	231774	92.293	ng	0.00
23) Nitrobenzene-d5	9.077	82	130652	59.661	ng	-0.02
42) 2,4,6-Tribromophenol	16.040	330	112283	97.722	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	301154	55.377	ng	0.00
79) Terphenyl-d14	19.917	244	638178	56.455	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.083	70	16305	9.313	ng	# 71
51) 2,6-Dinitrotoluene	14.553	165	11075	9.493	ng	# 18
57) 2,4-Dinitrotoluene	14.553	165	11075	7.000	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.040	198	213	5.493	ng	# 1
67) 4-Bromophenyl-phenylether	16.040	248	7132	2.961	ng	# 1

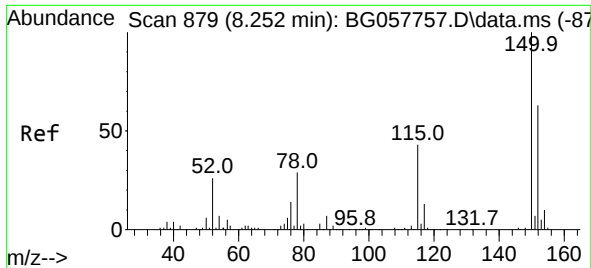
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
Data File : BG057798.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

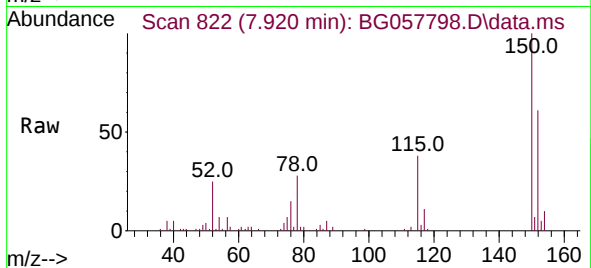
Quant Time: Jun 22 04:55:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration



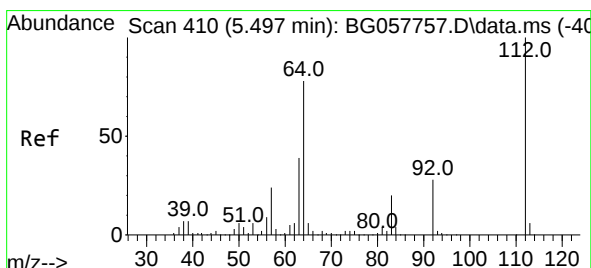
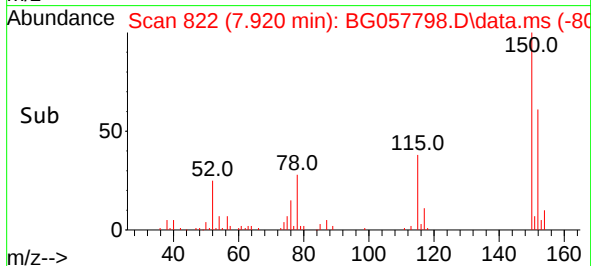
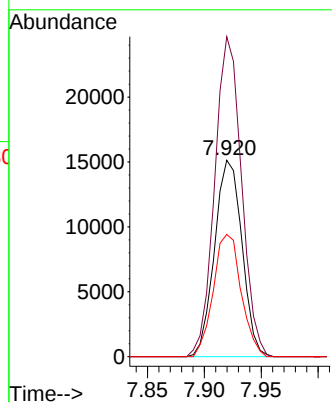


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

Instrument :
BNA_G
ClientSampleId :

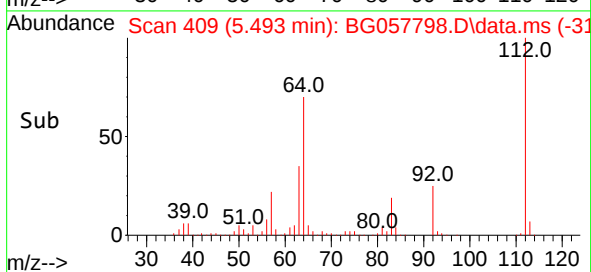
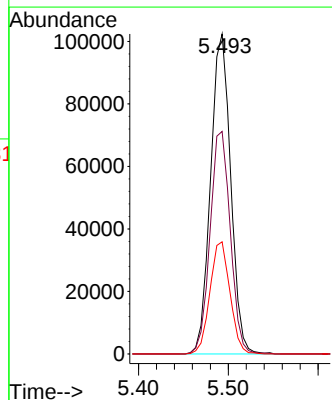
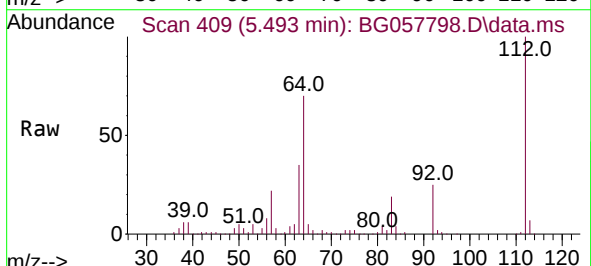


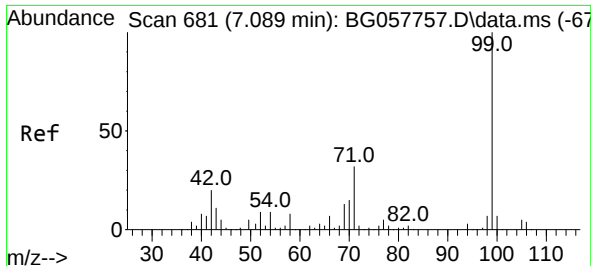
Tgt Ion:152 Resp: 25377
Ion Ratio Lower Upper
152 100
150 162.9 126.6 189.8
115 62.3 48.9 73.3



#5
2-Fluorophenol
Concen: 96.438 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

Tgt Ion:112 Resp: 158720
Ion Ratio Lower Upper
112 100
64 69.5 62.1 93.1
63 35.1 31.5 47.3

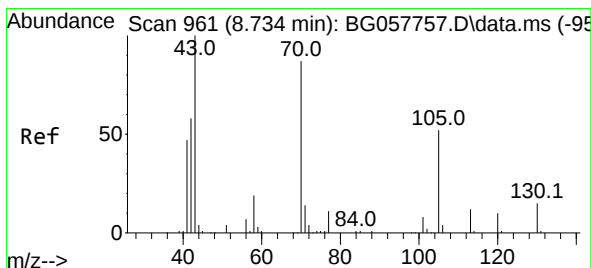
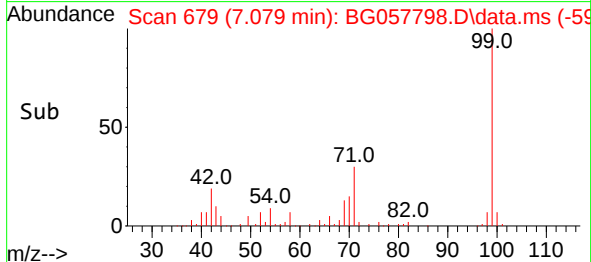
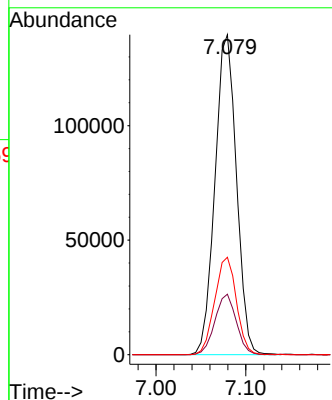
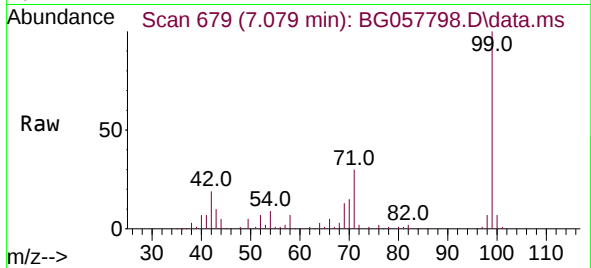




#7
Phenol-d6
Concen: 92.293 ng
RT: 7.079 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

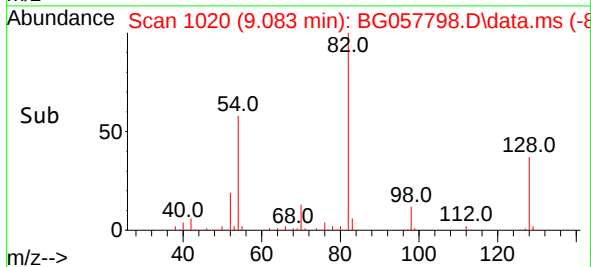
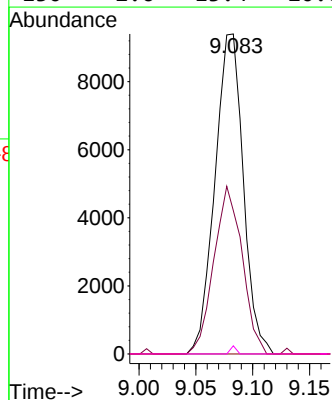
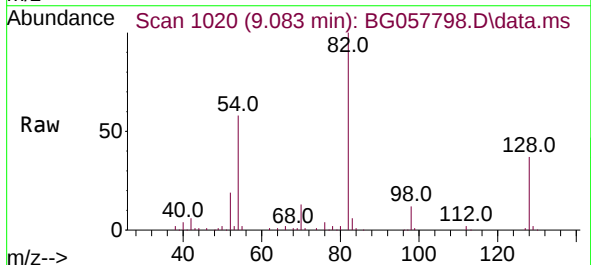
Instrument :
BNA_G
ClientSampleId :

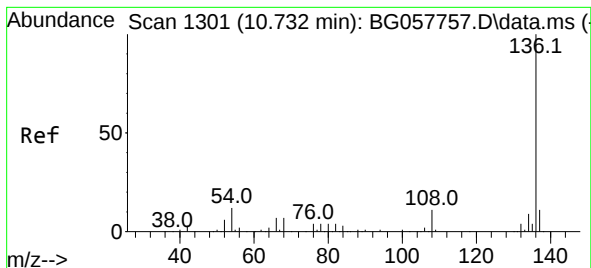
Tgt Ion: 99 Resp: 231774
Ion Ratio Lower Upper
99 100
42 18.9 16.4 24.6
71 30.5 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.313 ng
RT: 9.083 min Scan# 1020
Delta R.T. 0.349 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

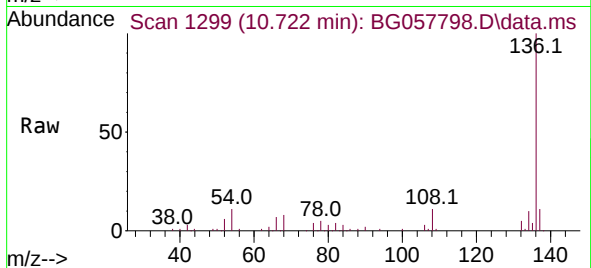
Tgt Ion: 70 Resp: 16305
Ion Ratio Lower Upper
70 100
42 44.8 54.2 81.2#
101 0.0 7.4 11.0#
130 2.6 13.4 20.0#



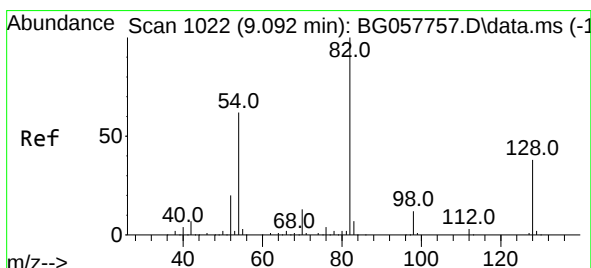
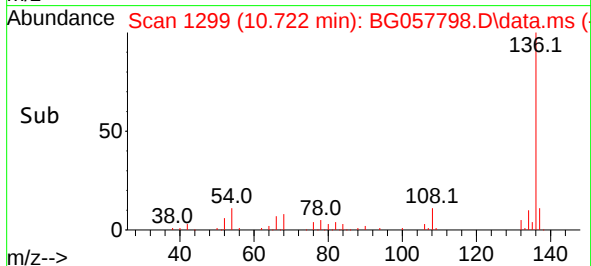
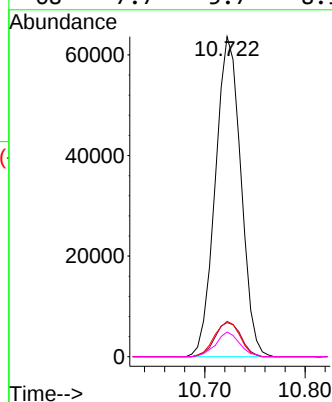


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

Instrument :
BNA_G
ClientSampleId :

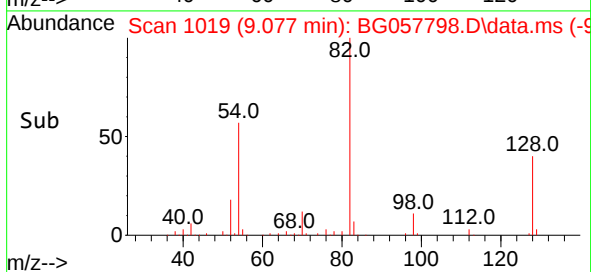
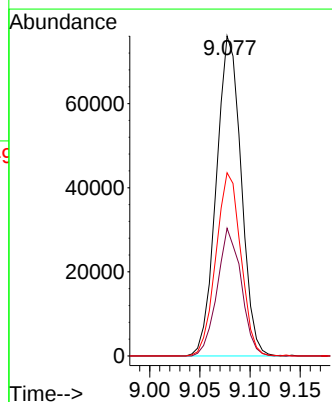
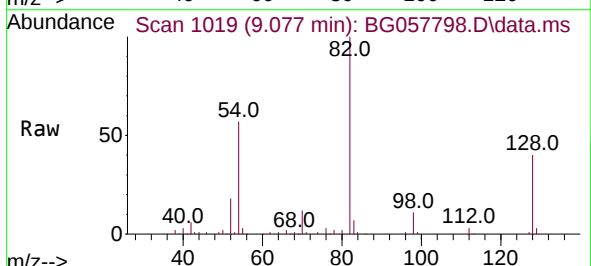


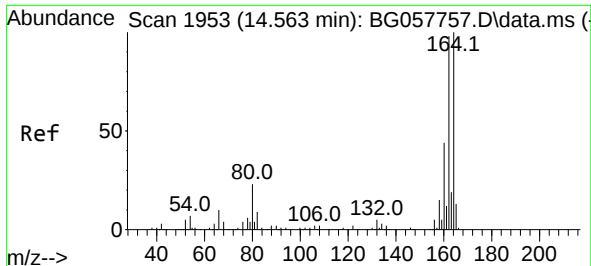
Tgt Ion:	136	Resp:	112393
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	11.0	9.5	14.3
68	7.7	5.7	8.5



#23
Nitrobenzene-d5
Concen: 59.661 ng
RT: 9.077 min Scan# 1019
Delta R.T. -0.015 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

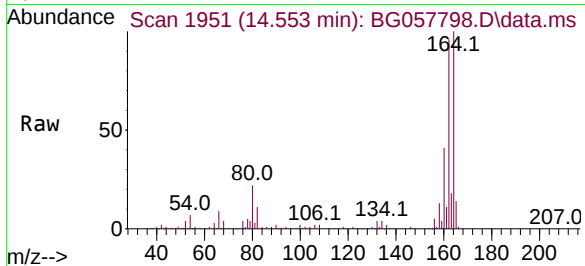
Tgt Ion:	82	Resp:	130652
Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.7	46.1
54	57.2	49.6	74.4



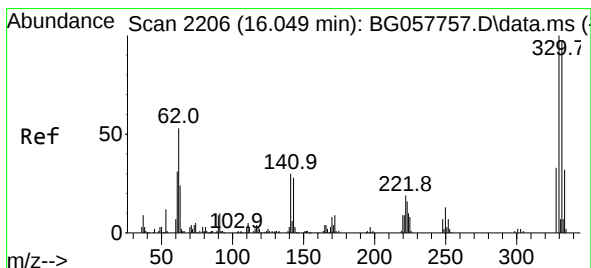
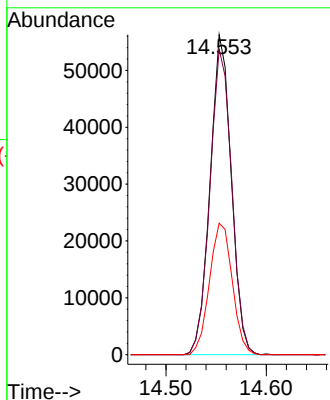
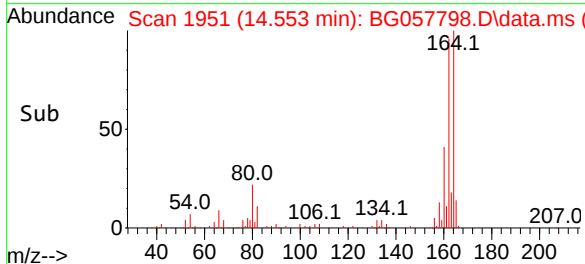


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.553 min Scan# 1951
Delta R.T. -0.010 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

Instrument :
BNA_G
ClientSampleId :

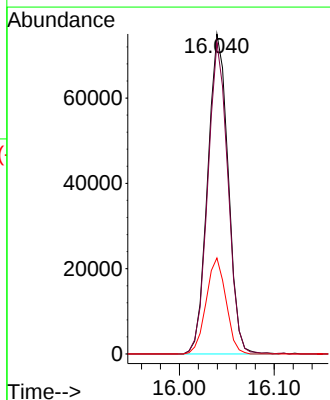
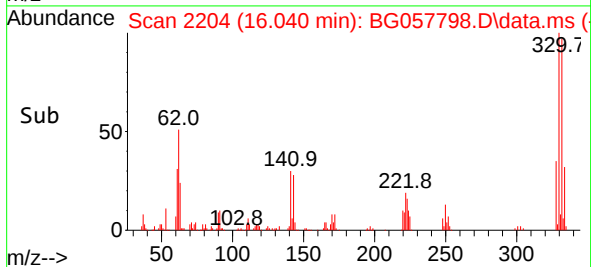
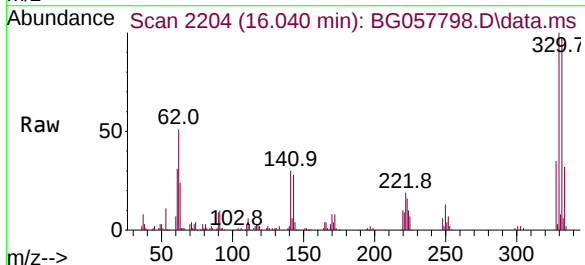


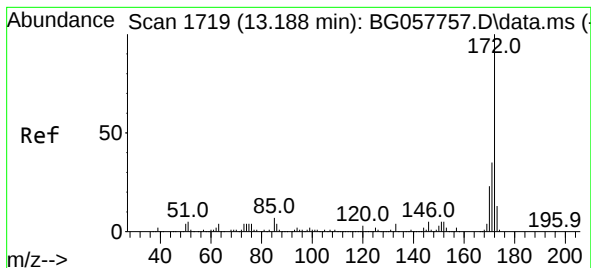
Tgt Ion:164 Resp: 82485
Ion Ratio Lower Upper
164 100
162 95.5 78.3 117.5
160 41.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 97.722 ng
RT: 16.040 min Scan# 2204
Delta R.T. -0.010 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

Tgt Ion:330 Resp: 112283
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 29.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 55.377 ng

RT: 13.178 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG057798.D

Acq: 22 Jun 2023 00:17

Instrument :

BNA_G

ClientSampleId :

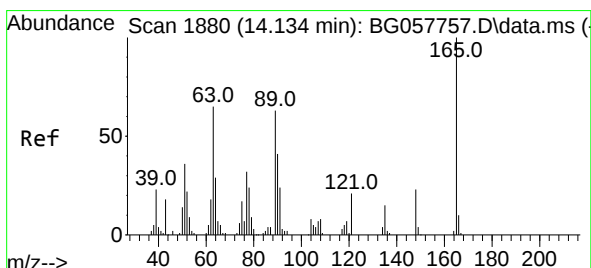
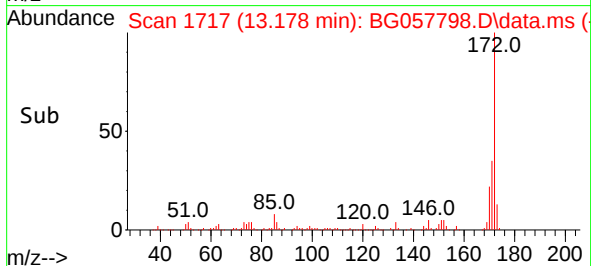
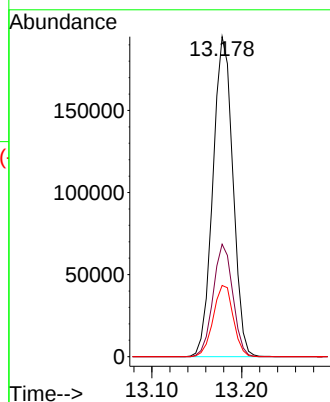
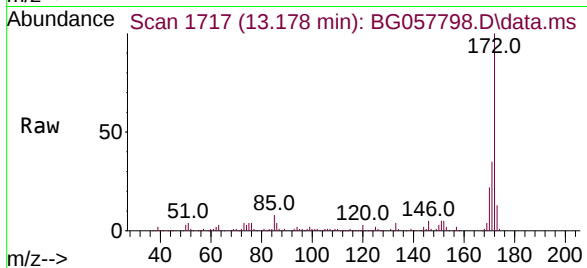
Tgt Ion:172 Resp: 301154

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 22.3 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.493 ng

RT: 14.553 min Scan# 1951

Delta R.T. 0.419 min

Lab File: BG057798.D

Acq: 22 Jun 2023 00:17

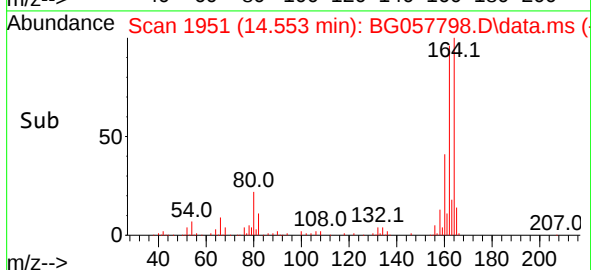
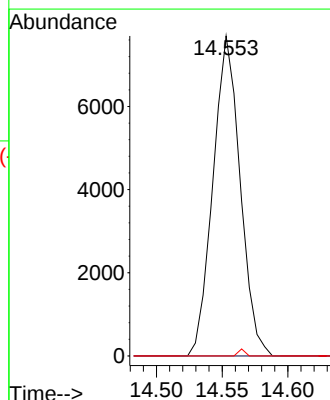
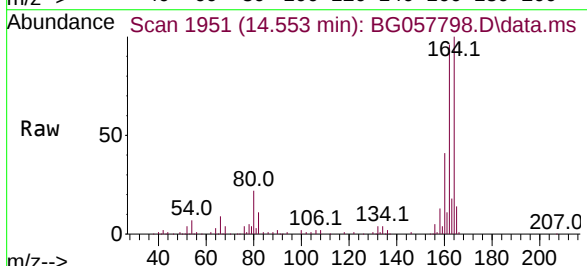
Tgt Ion:165 Resp: 11075

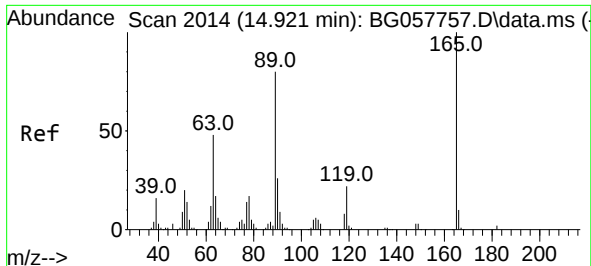
Ion Ratio Lower Upper

165 100

63 0.0 52.8 79.2#

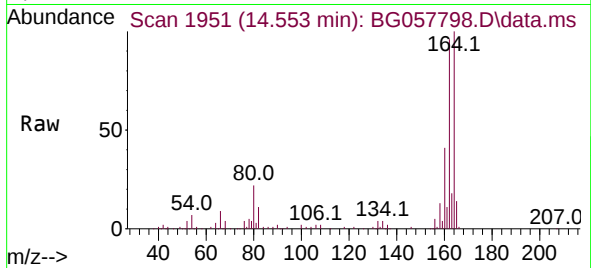
89 0.0 50.7 76.1#



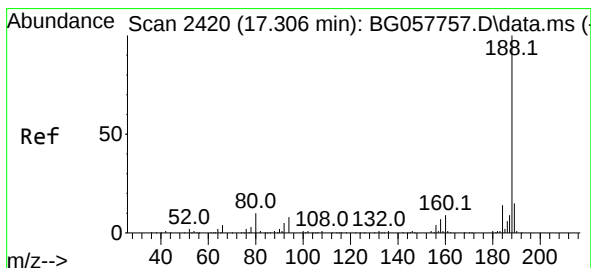
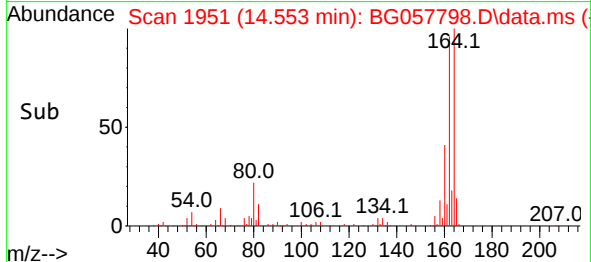
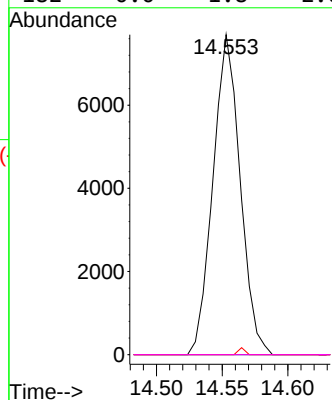


#57
2,4-Dinitrotoluene
Concen: 7.000 ng
RT: 14.553 min Scan# 14
Delta R.T. -0.368 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

Instrument :
BNA_G
ClientSampleId :

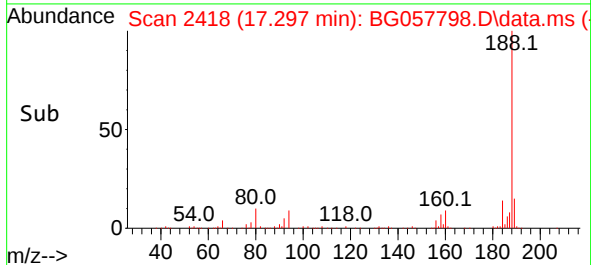
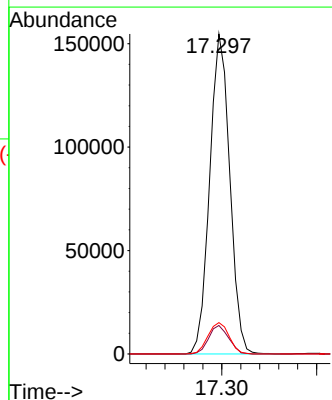
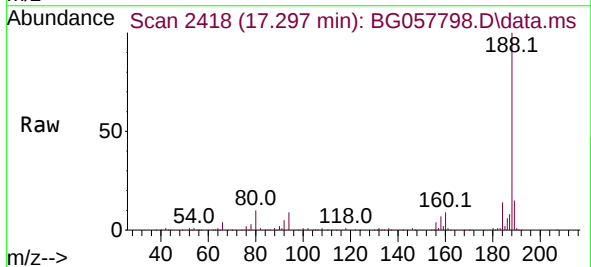


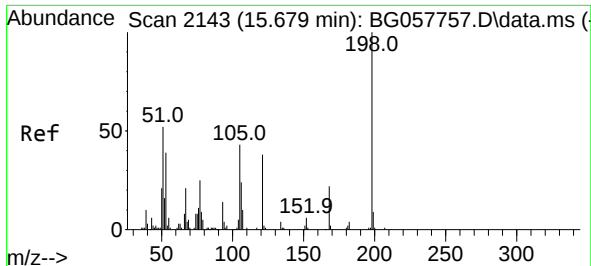
Tgt Ion:165 Resp: 11075
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 0.0 63.7 95.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.297 min Scan# 2418
Delta R.T. -0.010 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

Tgt Ion:188 Resp: 227080
Ion Ratio Lower Upper
188 100
94 8.9 6.6 9.8
80 9.8 7.6 11.4

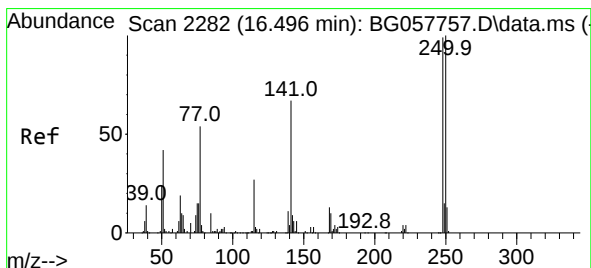
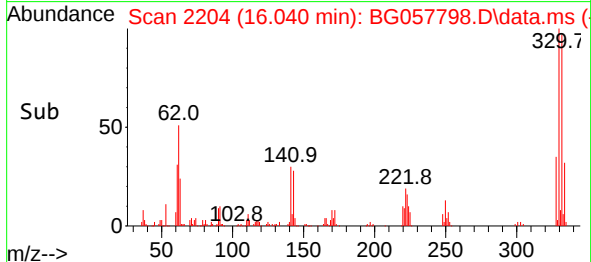
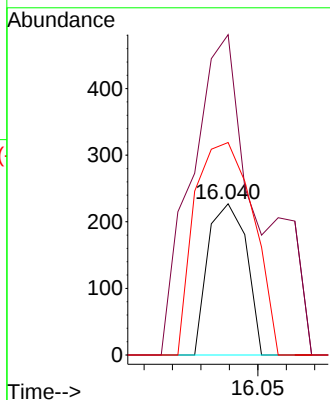
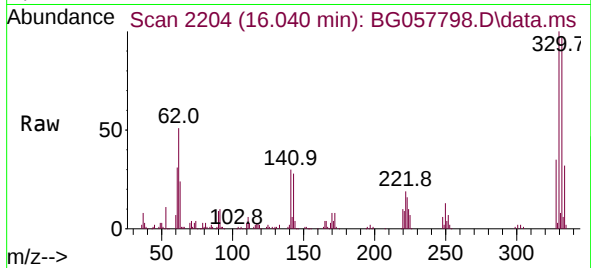




#65
4,6-Dinitro-2-methylphenol
Concen: 5.493 ng
RT: 16.040 min Scan# 2143
Delta R.T. 0.361 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

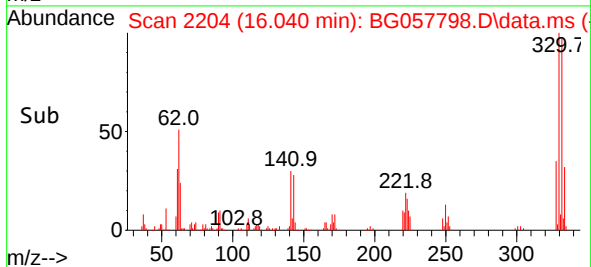
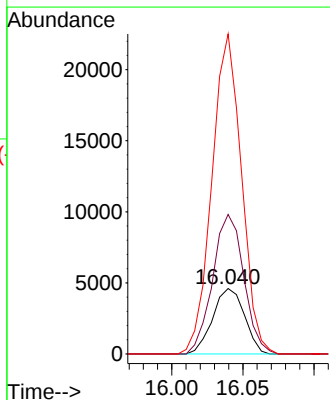
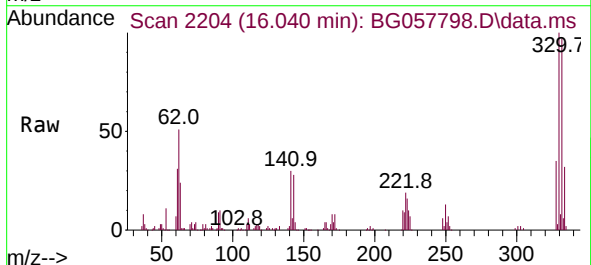
Instrument :
BNA_G
ClientSampleId :

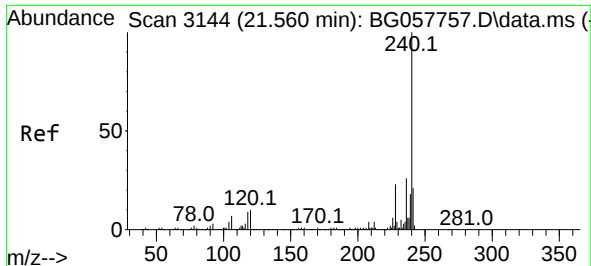
Tgt Ion:198 Resp: 213
Ion Ratio Lower Upper
198 100
51 211.9 36.6 76.6#
105 140.5 24.3 64.3#



#67
4-Bromophenyl-phenylether
Concen: 2.961 ng
RT: 16.040 min Scan# 2204
Delta R.T. -0.456 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

Tgt Ion:248 Resp: 7132
Ion Ratio Lower Upper
248 100
250 213.4 81.1 121.7#
141 489.3 54.6 81.8#

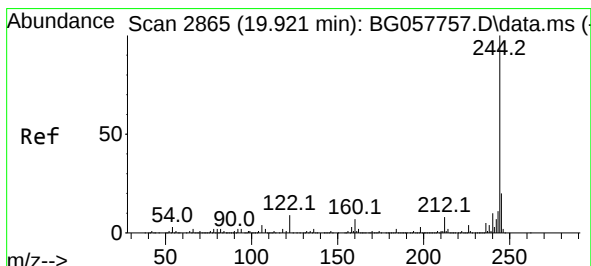
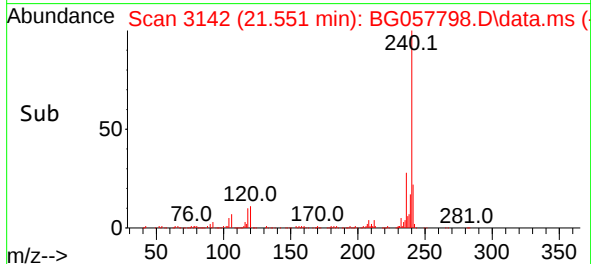
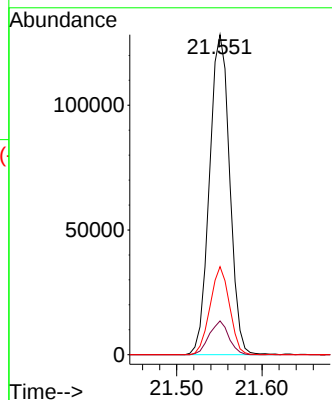
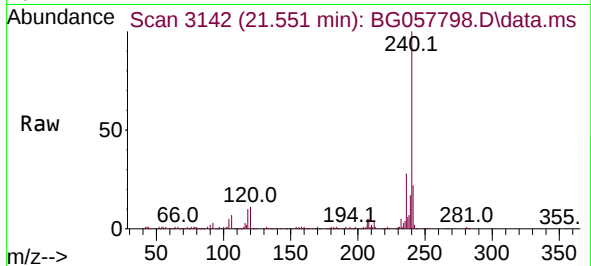




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3144
Delta R.T. -0.010 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

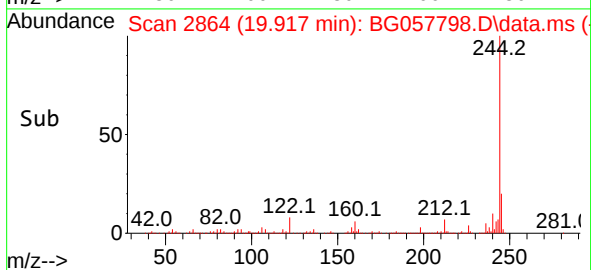
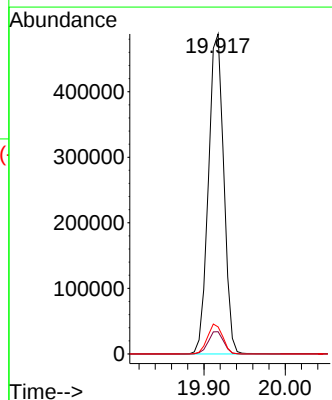
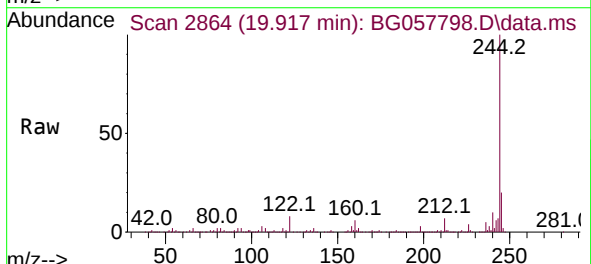
Instrument :
BNA_G
ClientSampleId :

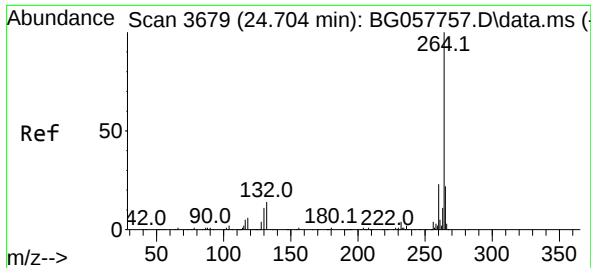
Tgt Ion:240 Resp: 210785
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 27.5 20.6 30.8



#79
Terphenyl-d14
Concen: 56.455 ng
RT: 19.917 min Scan# 2864
Delta R.T. -0.004 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

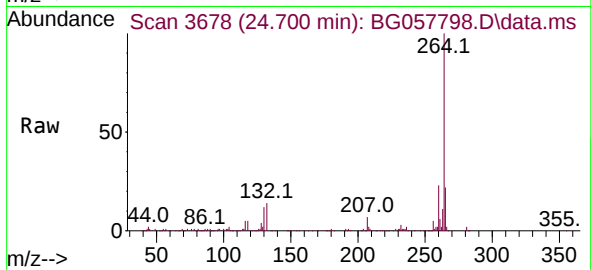
Tgt Ion:244 Resp: 638178
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 8.5 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.700 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BG057798.D
 Acq: 22 Jun 2023 00:17

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 257962

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.9	17.4	26.2

