

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
 Data File : BG057884.D
 Acq On : 28 Jun 2023 8:57
 Operator : CG/JU
 Sample : PB153813BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153813BL

Quant Time: Jun 28 11:37:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

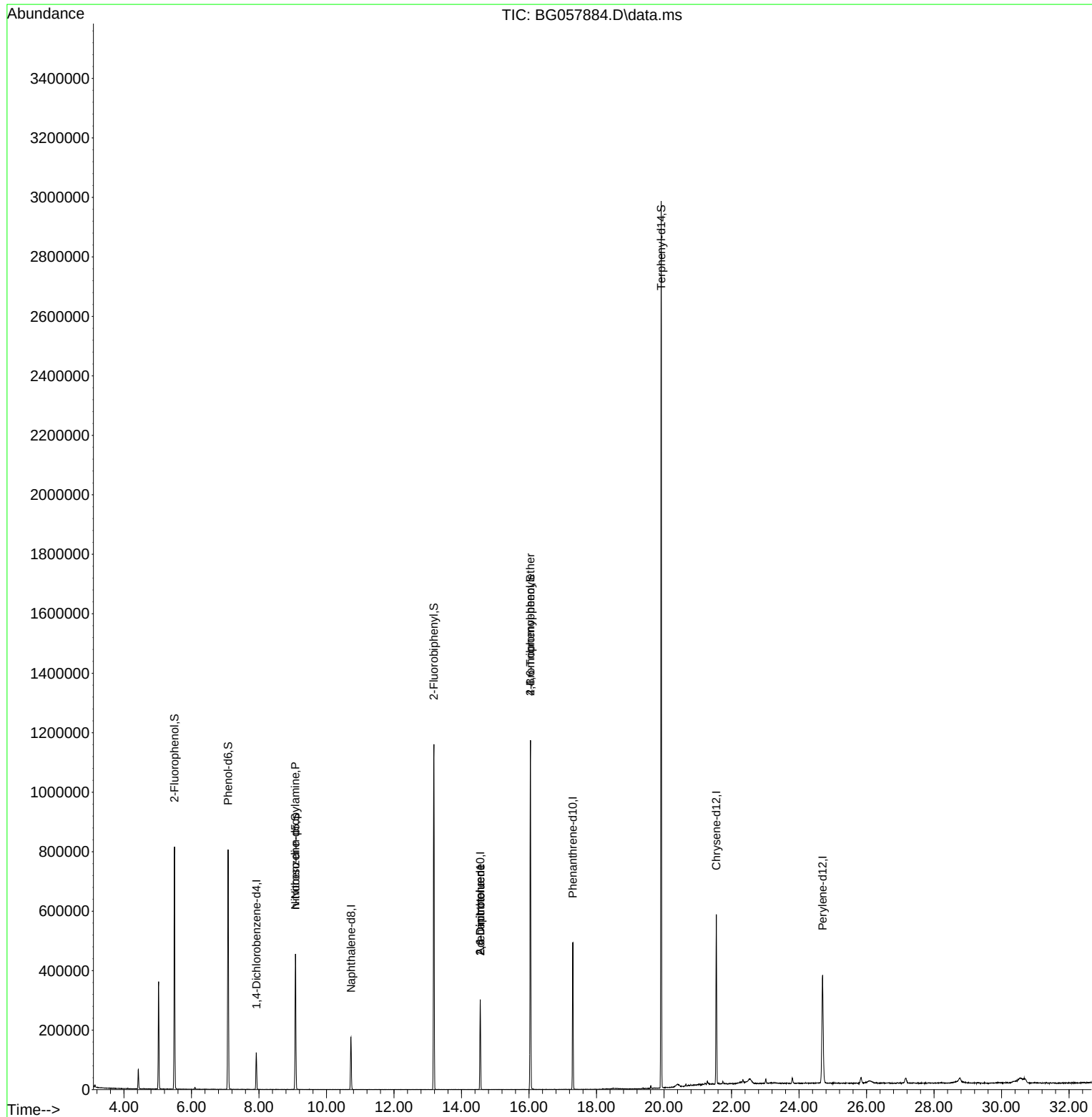
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	35566	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	152788	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	109405	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	324379	20.000	ng	0.00
76) Chrysene-d12	21.549	240	319609	20.000	ng	0.00
86) Perylene-d12	24.698	264	386963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	343546	147.789	ng	0.00
7) Phenol-d6	7.083	99	486333	139.909	ng	0.00
23) Nitrobenzene-d5	9.081	82	272621	87.445	ng	0.00
42) 2,4,6-Tribromophenol	16.044	330	259673	141.314	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	635003	88.574	ng	0.00
79) Terphenyl-d14	19.915	244	1538204	87.741	ng	0.00
Target Compounds						
9) Benzaldehyde	7.083	77	798	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.081	70	33354	14.340	ng	# 76
51) 2,6-Dinitrotoluene	14.557	165	14504	8.056	ng	# 22
57) 2,4-Dinitrotoluene	14.557	165	14504	5.552	ng	# 20
67) 4-Bromophenyl-phenylether	16.044	248	16370	4.781	ng	# 1

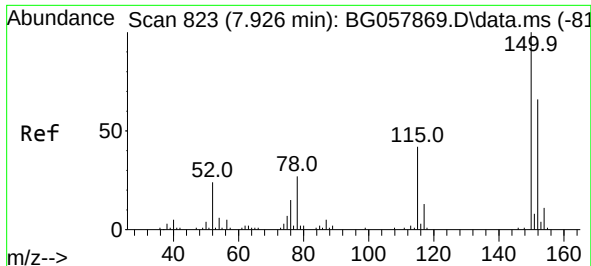
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
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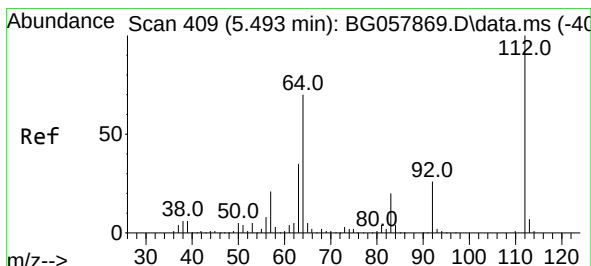
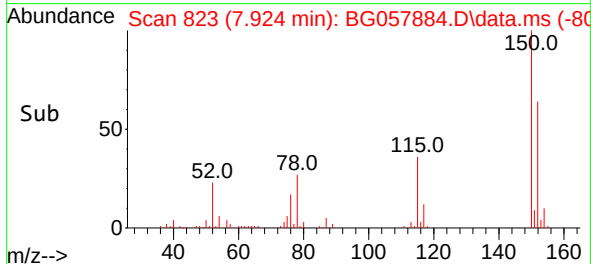
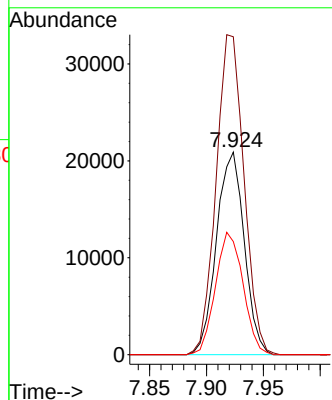
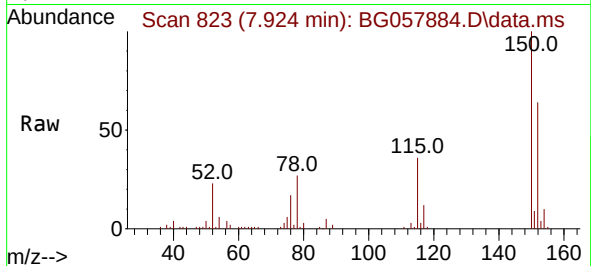




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

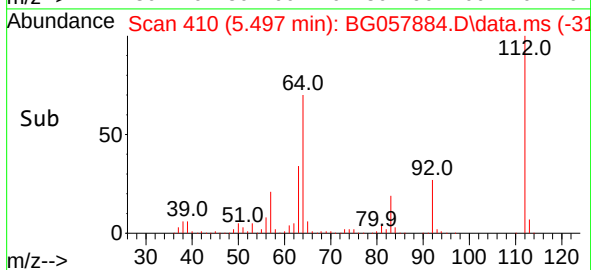
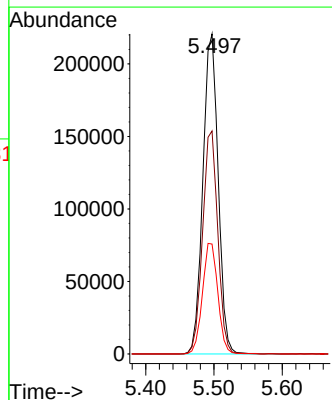
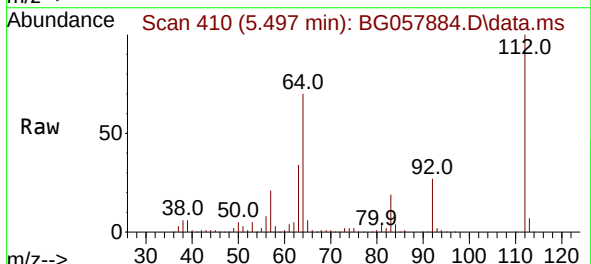
Instrument :
BNA_G
ClientSampleId :
PB153813BL

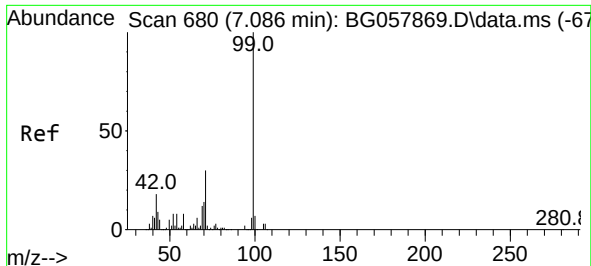
Tgt Ion:152 Resp: 35566
Ion Ratio Lower Upper
152 100
150 157.0 122.0 183.0
115 55.9 50.7 76.1



#5
2-Fluorophenol
Concen: 147.789 ng
RT: 5.497 min Scan# 410
Delta R.T. 0.004 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

Tgt Ion:112 Resp: 343546
Ion Ratio Lower Upper
112 100
64 69.7 55.8 83.6
63 34.4 27.9 41.9

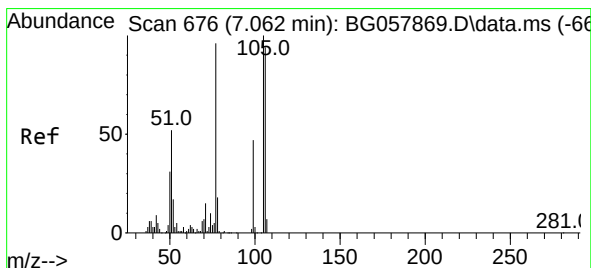
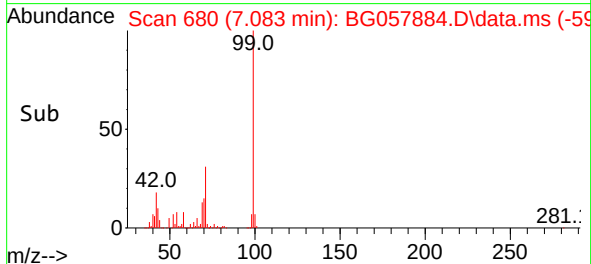
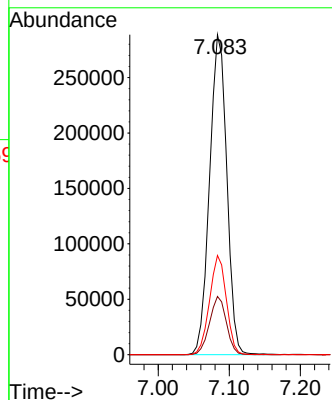
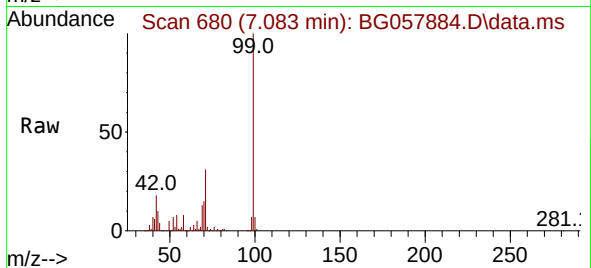




#7
Phenol-d6
Concen: 139.909 ng
RT: 7.083 min Scan# 680
Delta R.T. -0.002 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

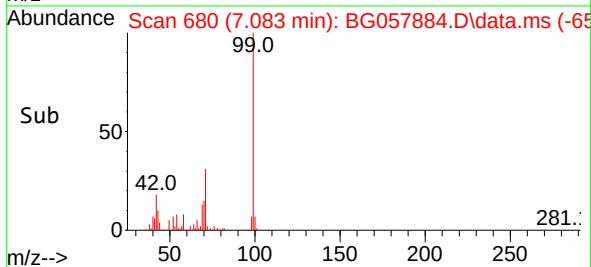
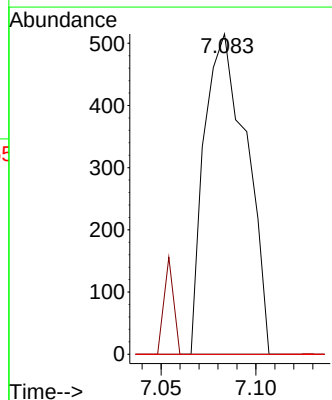
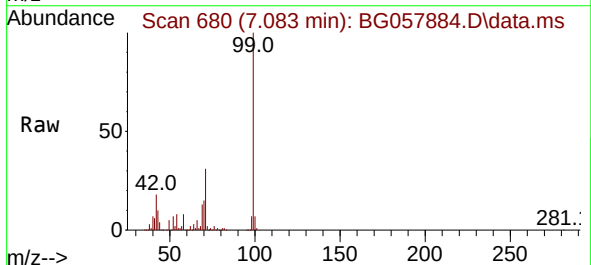
Instrument :
BNA_G
ClientSampleId :
PB153813BL

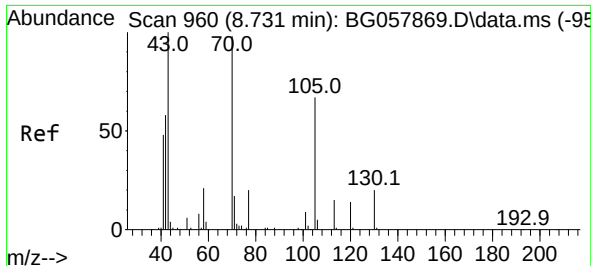
Tgt Ion: 99 Resp: 486333
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 31.0 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.083 min Scan# 680
Delta R.T. 0.021 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

Tgt Ion: 77 Resp: 798
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

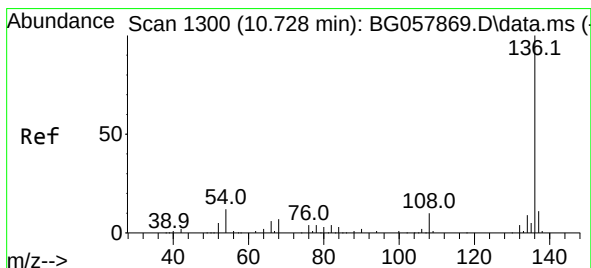
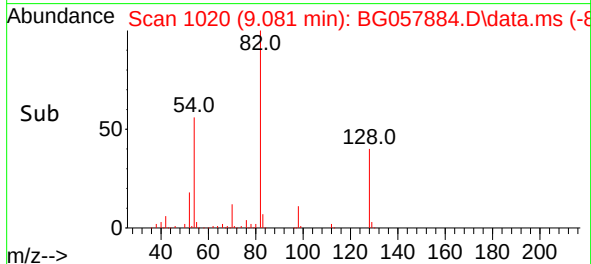
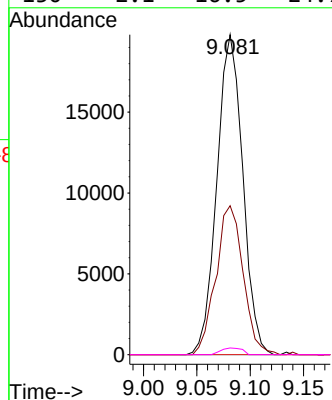
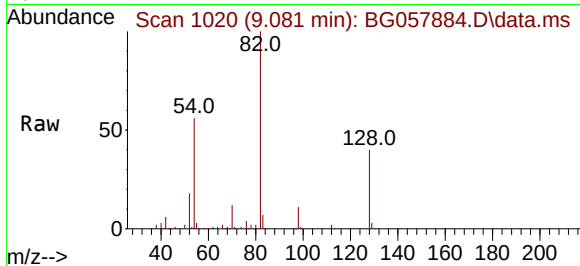




#19
n-Nitroso-di-n-propylamine
Concen: 14.340 ng
RT: 9.081 min Scan# 10
Delta R.T. 0.350 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

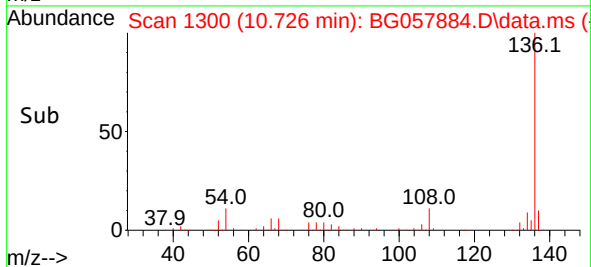
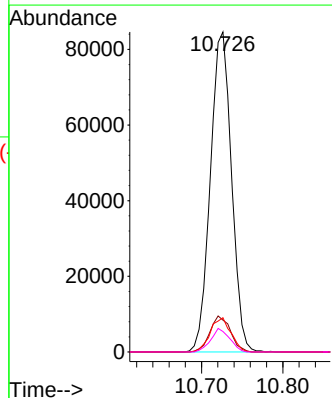
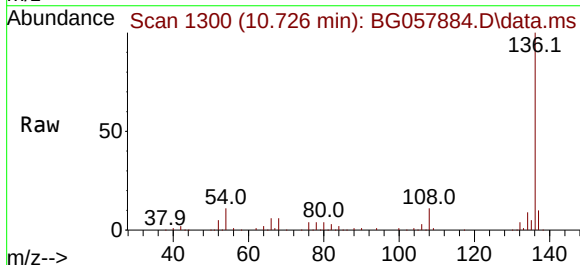
Instrument :
BNA_G
ClientSampleId :
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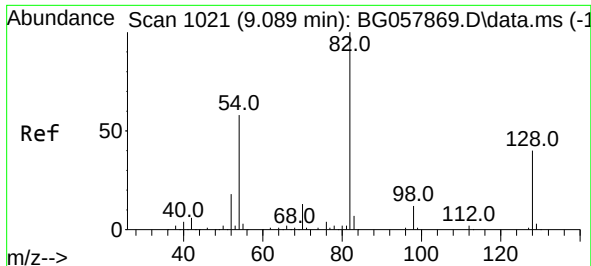
Tgt Ion: 70 Resp: 33354
Ion Ratio Lower Upper
70 100
42 46.5 48.4 72.6#
101 0.0 7.2 10.8#
130 2.1 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

Tgt Ion: 136 Resp: 152788
Ion Ratio Lower Upper
136 100
137 10.0 8.6 12.8
54 10.7 9.3 13.9
68 6.4 5.9 8.9





#23
Nitrobenzene-d5
Concen: 87.445 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.008 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

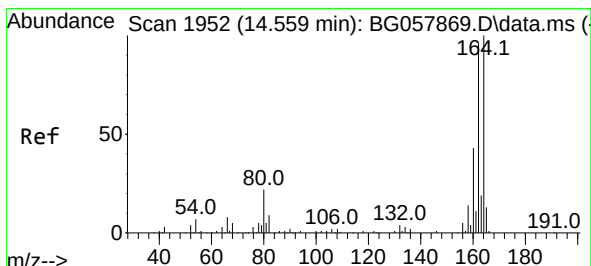
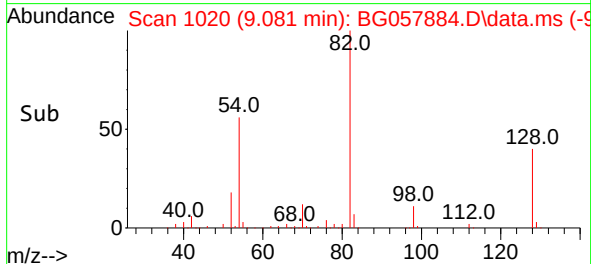
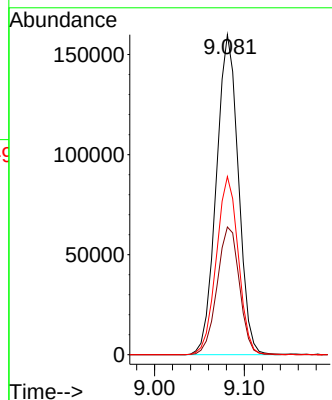
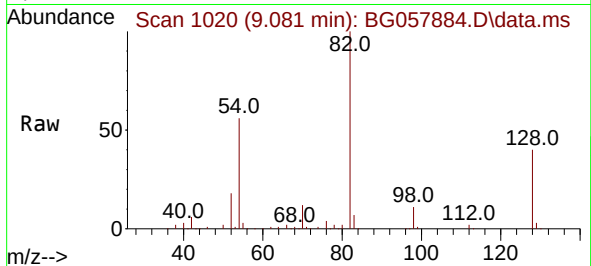
Instrument :

BNA_G

ClientSampleId :

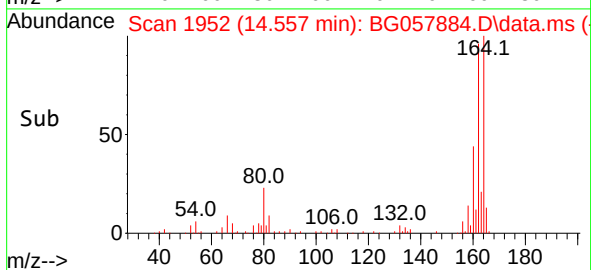
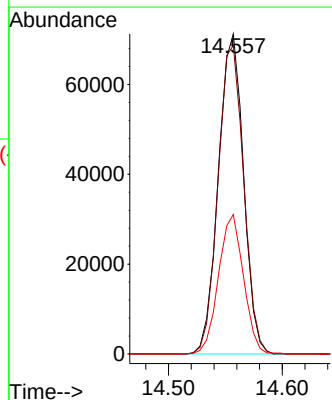
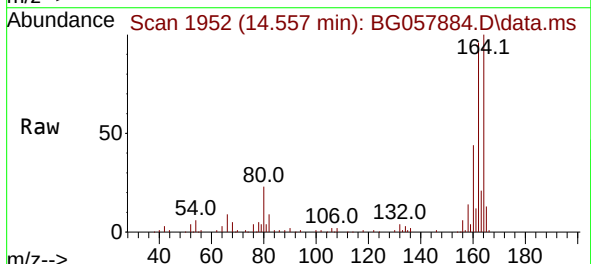
PB153813BL

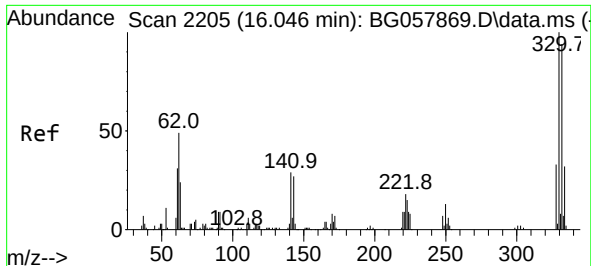
Tgt Ion: 82 Resp: 272621
Ion Ratio Lower Upper
82 100
128 39.9 32.2 48.4
54 55.6 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.002 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

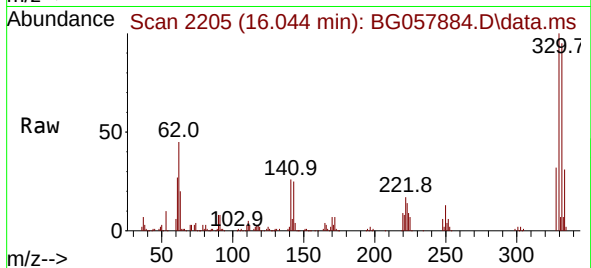
Tgt Ion:164 Resp: 109405
Ion Ratio Lower Upper
164 100
162 96.4 76.4 114.6
160 43.6 34.2 51.2



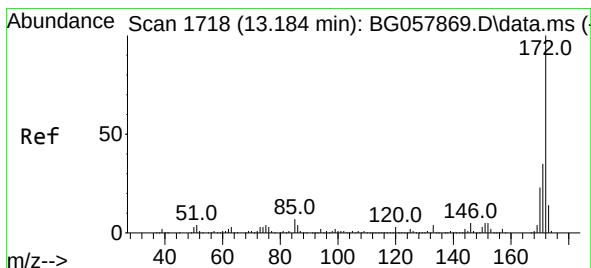
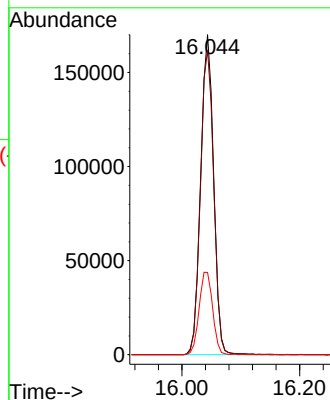
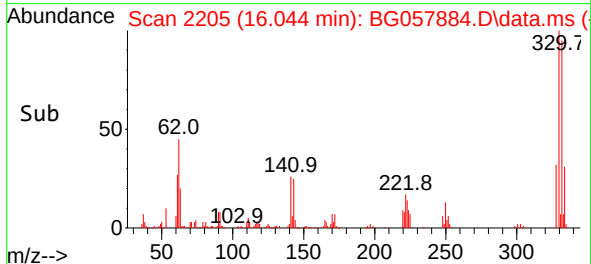


#42
2,4,6-Tribromophenol
Concen: 141.314 ng
RT: 16.044 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

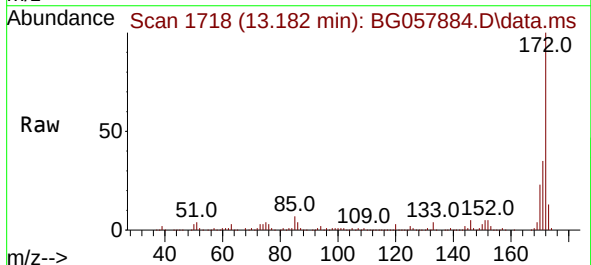
Instrument :
BNA_G
ClientSampleId :
PB153813BL



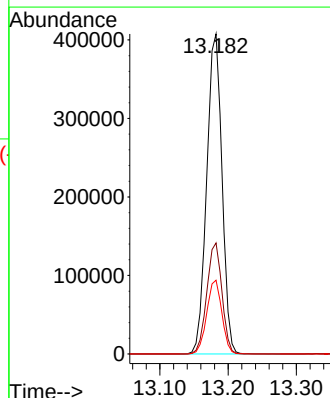
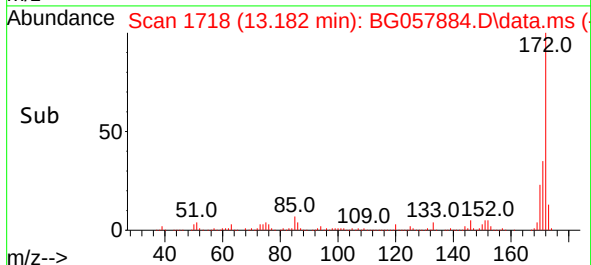
Tgt Ion:330 Resp: 259673
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 26.9 22.2 33.4

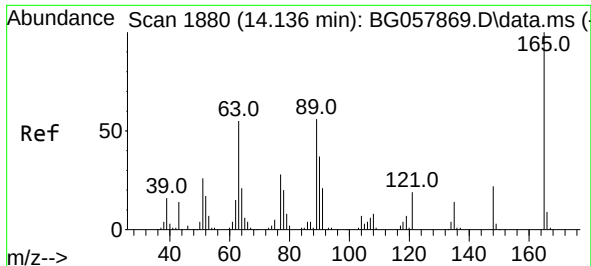


#45
2-Fluorobiphenyl
Concen: 88.574 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57



Tgt Ion:172 Resp: 635003
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.0 18.6 27.8

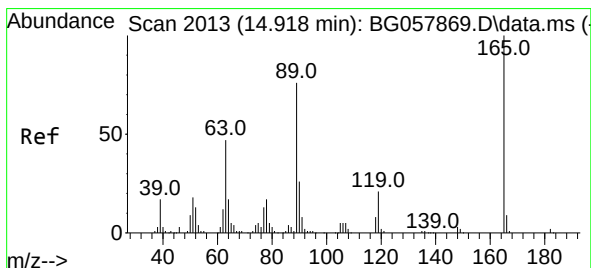
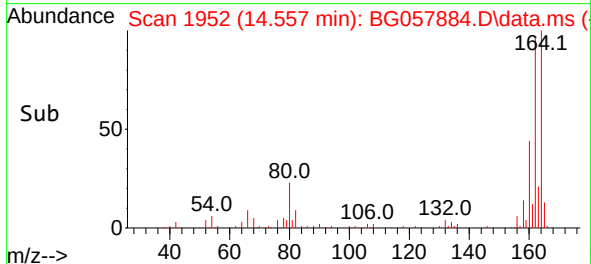
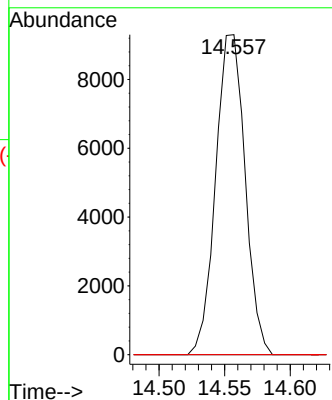
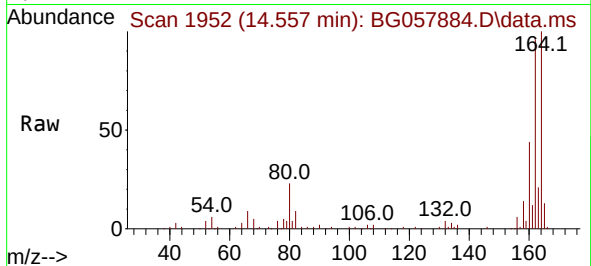




#51
2,6-Dinitrotoluene
Concen: 8.056 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.421 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

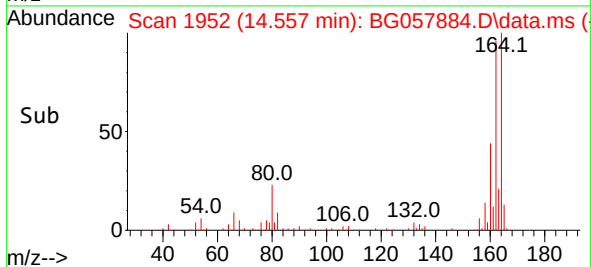
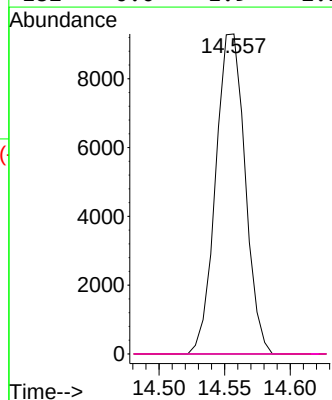
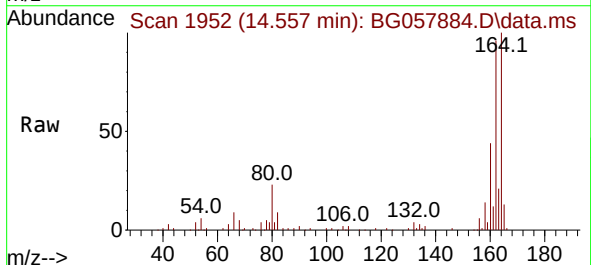
Instrument :
BNA_G
ClientSampleId :
PB153813BL

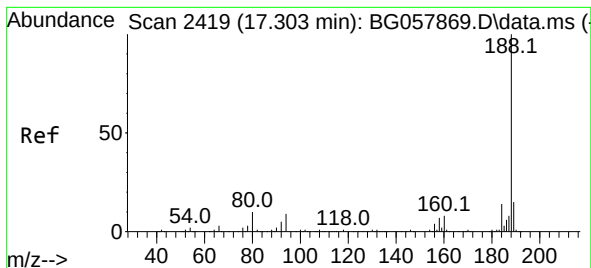
Tgt Ion:165 Resp: 14504
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.0 67.6#



#57
2,4-Dinitrotoluene
Concen: 5.552 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.361 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

Tgt Ion:165 Resp: 14504
Ion Ratio Lower Upper
165 100
63 0.0 37.6 56.4#
89 0.0 61.0 91.4#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 2419

Delta R.T. -0.002 min

Lab File: BG057884.D

Acq: 28 Jun 2023 8:57

Instrument :

BNA_G

ClientSampleId :

PB153813BL

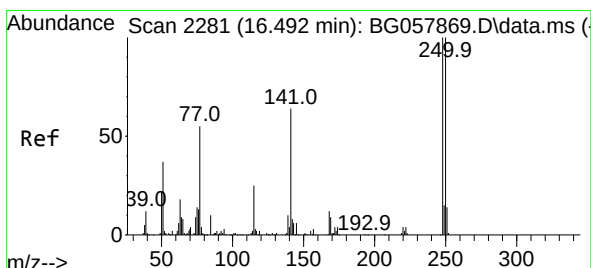
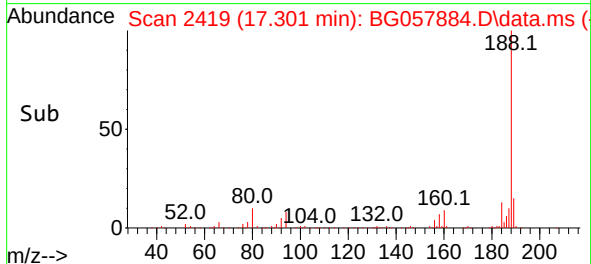
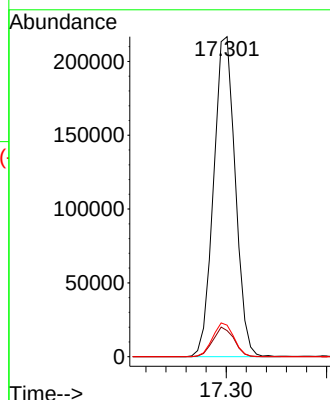
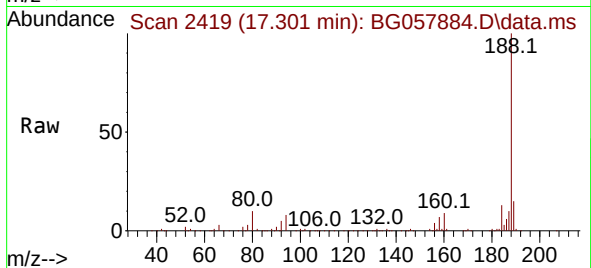
Tgt Ion:188 Resp: 324379

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

80 9.9 8.4 12.6



#67

4-Bromophenyl-phenylether

Concen: 4.781 ng

RT: 16.044 min Scan# 2205

Delta R.T. -0.449 min

Lab File: BG057884.D

Acq: 28 Jun 2023 8:57

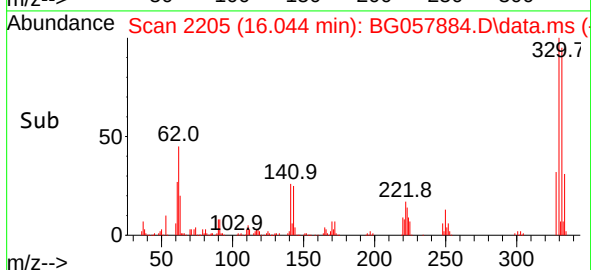
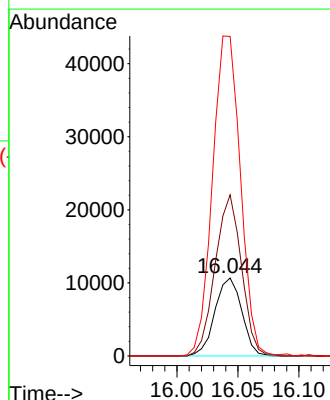
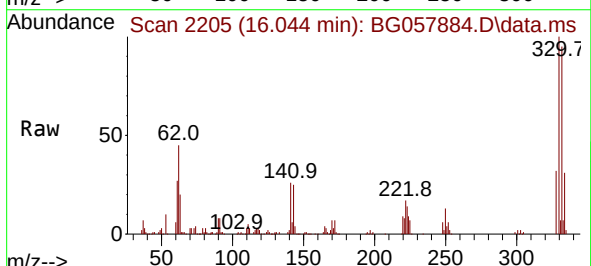
Tgt Ion:248 Resp: 16370

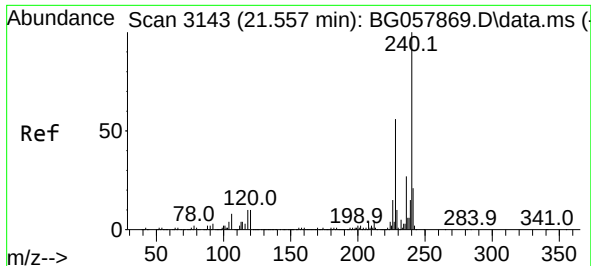
Ion Ratio Lower Upper

248 100

250 206.8 79.7 119.5#

141 410.3 50.8 76.2#

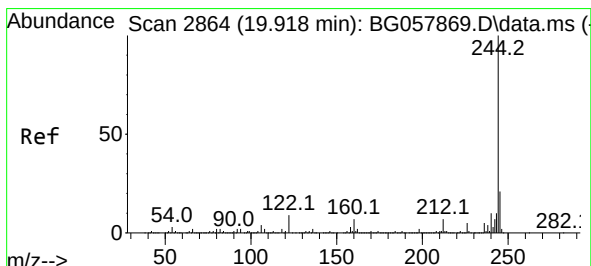
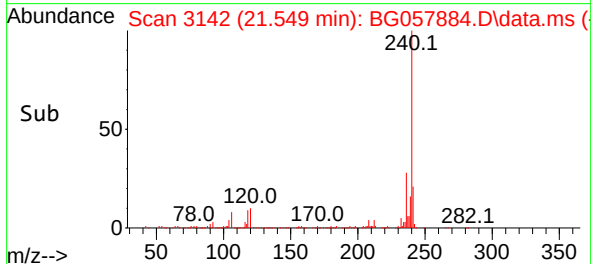
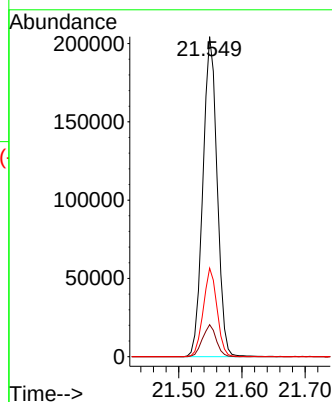
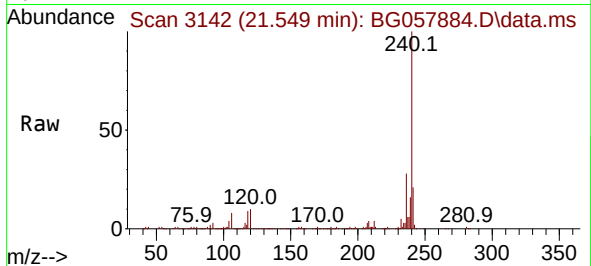




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

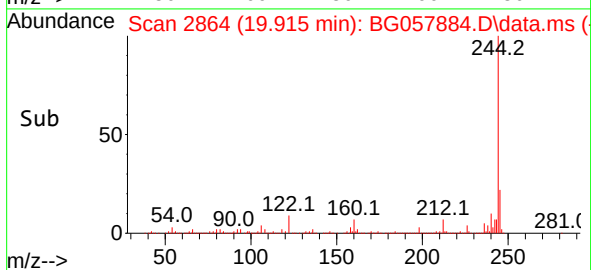
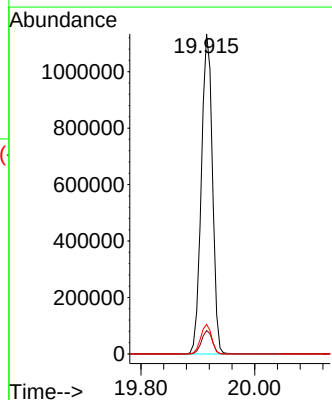
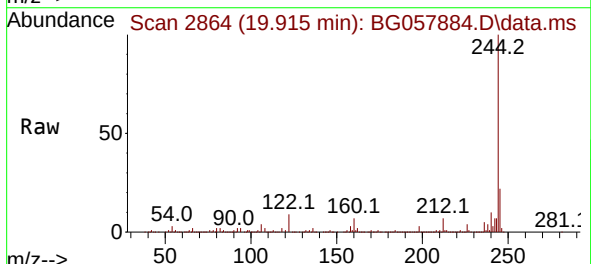
Instrument :
BNA_G
ClientSampleId :
PB153813BL

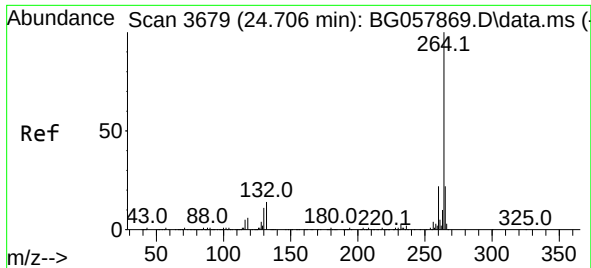
Tgt Ion:240 Resp: 319609
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 27.6 21.9 32.9



#79
Terphenyl-d14
Concen: 87.741 ng
RT: 19.915 min Scan# 2864
Delta R.T. -0.002 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

Tgt Ion:244 Resp: 1538204
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.3 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.698 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG057884.D
Acq: 28 Jun 2023 8:57

Instrument :
BNA_G
ClientSampleId :
PB153813BL

Tgt Ion:264 Resp: 386963

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.8	26.8
265	21.3	17.3	25.9

