

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
 Data File : BG057208.D
 Acq On : 28 Apr 2023 00:58
 Operator : CG/JU
 Sample : PB152410BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152410BL

Quant Time: Apr 28 04:59:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 04:39:54 2023
 Response via : Initial Calibration

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

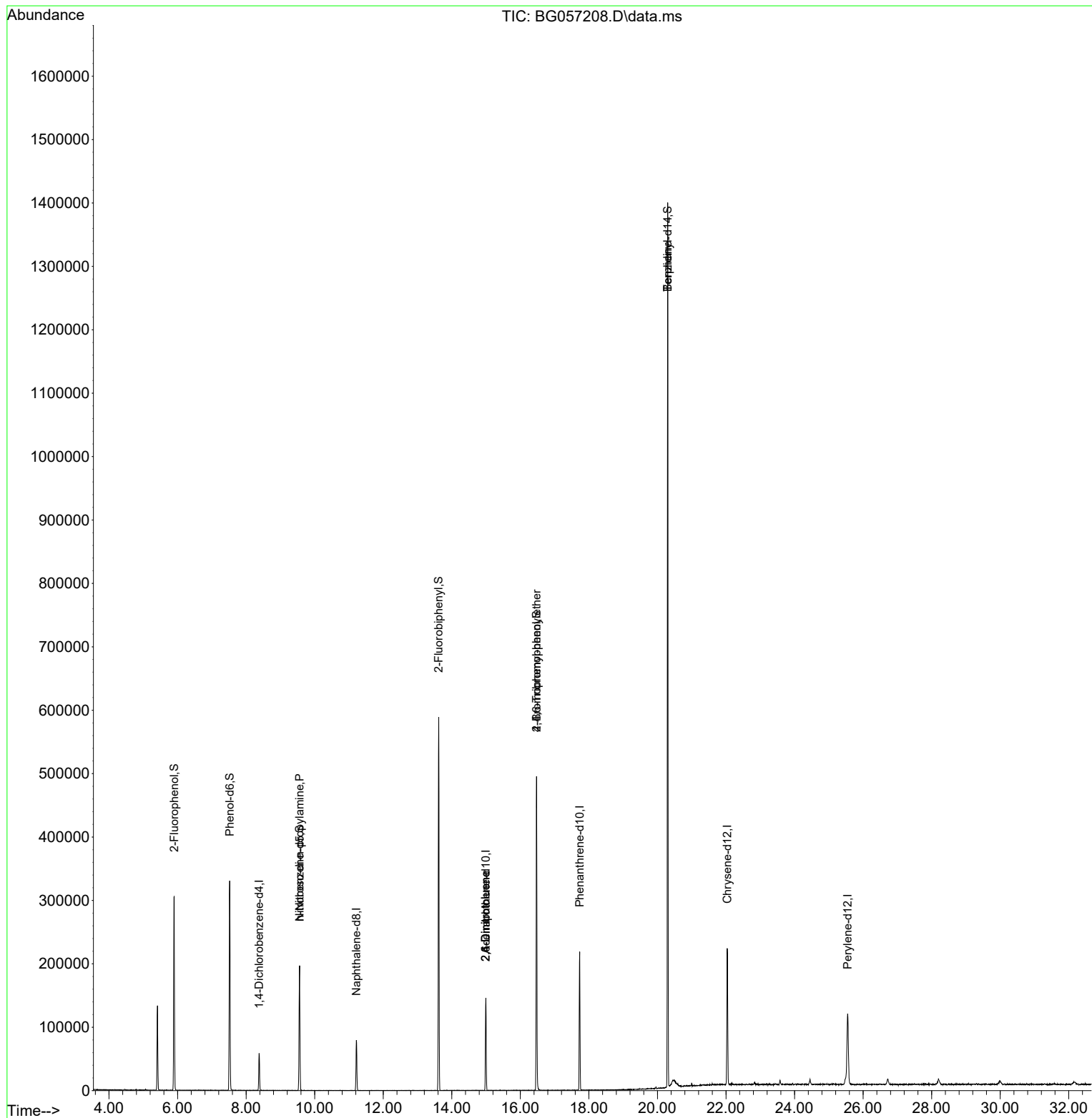
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	16104	20.000	ng	0.00
21) Naphthalene-d8	11.216	136	65789	20.000	ng	0.00
39) Acenaphthene-d10	14.993	164	52466	20.000	ng	0.00
64) Phenanthrene-d10	17.730	188	147366	20.000	ng	0.00
76) Chrysene-d12	22.036	240	138877	20.000	ng	0.00
86) Perylene-d12	25.549	264	140770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.899	112	127403	135.331	ng	0.00
7) Phenol-d6	7.521	99	182499	127.659	ng	0.00
23) Nitrobenzene-d5	9.559	82	122937	78.429	ng	0.00
42) 2,4,6-Tribromophenol	16.473	330	94436	126.856	ng	0.00
45) 2-Fluorobiphenyl	13.618	172	307211	78.861	ng	0.00
79) Terphenyl-d14	20.297	244	705540	82.907	ng	0.00
Target Compounds						
9) Benzaldehyde	7.515	77	267	Below Cal	Qvalue	# 4
19) n-Nitroso-di-n-propyla...	9.559	70	17457	16.014	ng	# 78
51) 2,6-Dinitrotoluene	14.987	165	6997	7.949	ng	# 17
57) 2,4-Dinitrotoluene	14.987	165	6997	5.562	ng	# 20
67) 4-Bromophenyl-phenylether	16.473	248	6860	3.813	ng	# 1
77) Benzidine	20.297	184	11256	3.625	ng	# 92

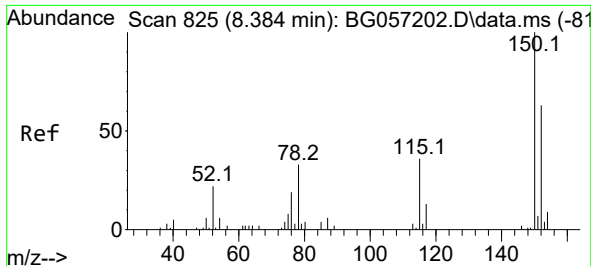
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
Data File : BG057208.D
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Instrument :
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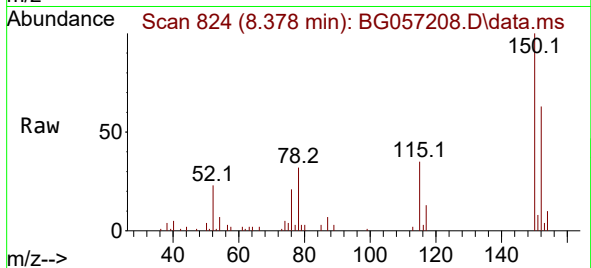
Quant Time: Apr 28 04:59:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 04:39:54 2023
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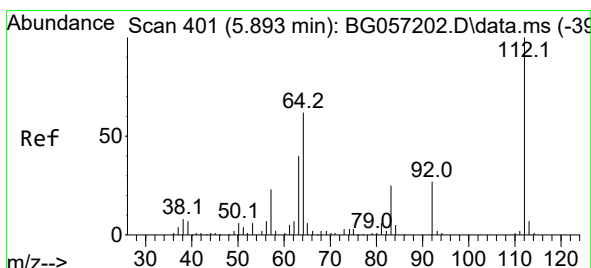
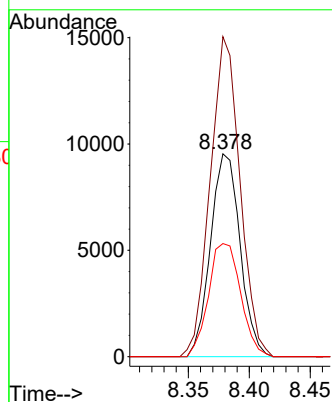
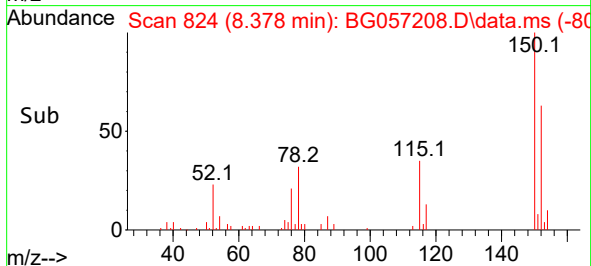


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.378 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057208.D
Acq: 28 Apr 2023 00:58

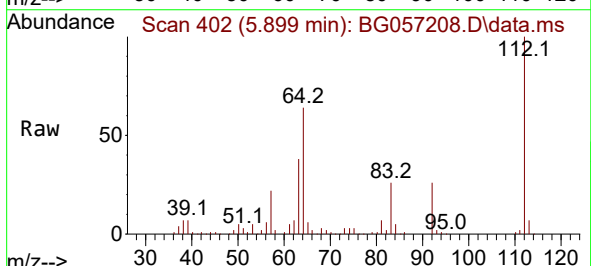
Instrument :
BNA_G
ClientSampleId :
PB152410BL



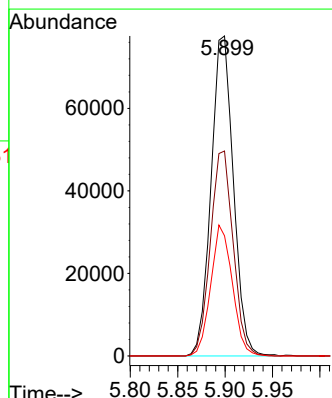
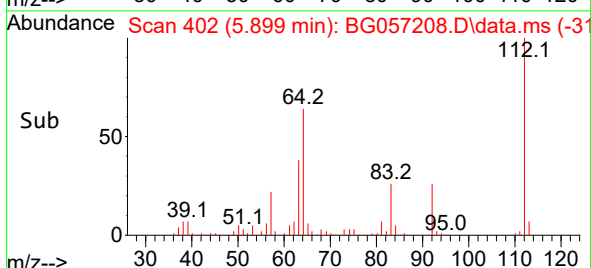
Tgt Ion:152 Resp: 16104
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.4
115 55.8 45.0 67.4

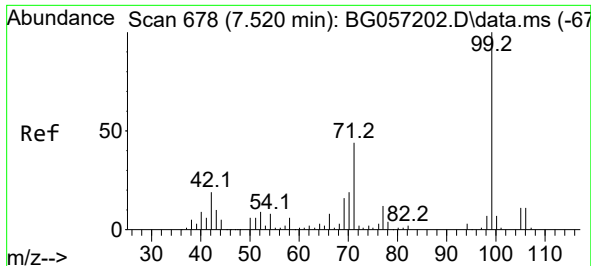


#5
2-Fluorophenol
Concen: 135.331 ng
RT: 5.899 min Scan# 402
Delta R.T. 0.006 min
Lab File: BG057208.D
Acq: 28 Apr 2023 00:58



Tgt Ion:112 Resp: 127403
Ion Ratio Lower Upper
112 100
64 64.1 49.4 74.2
63 37.5 31.6 47.4

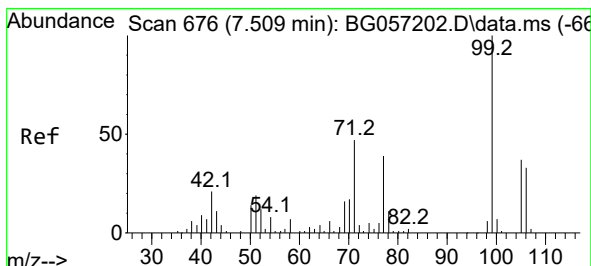
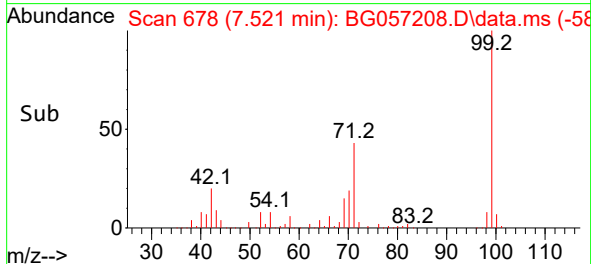
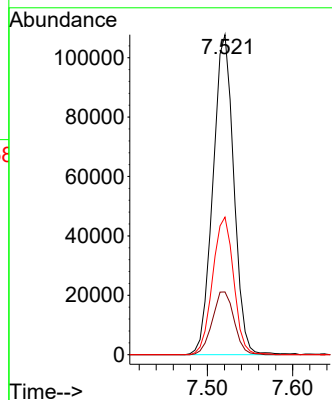
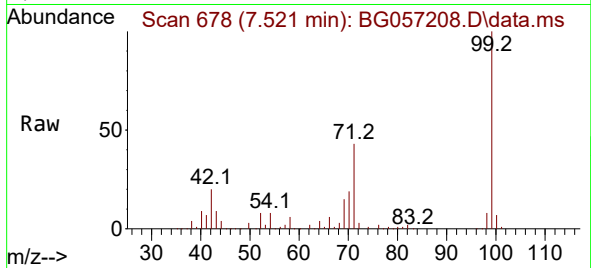




#7
Phenol-d6
Concen: 127.659 ng
RT: 7.521 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057208.D
Acq: 28 Apr 2023 00:58

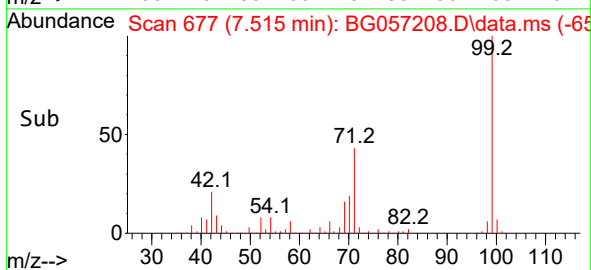
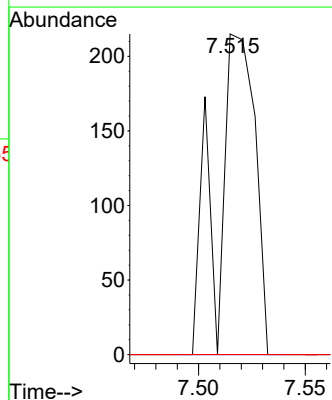
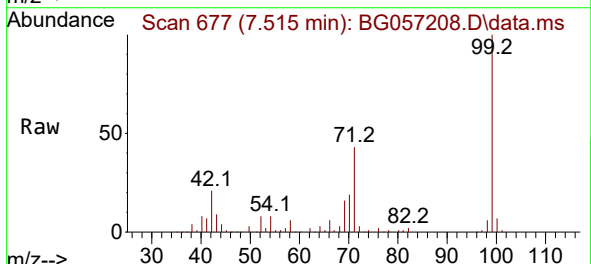
Instrument :
BNA_G
ClientSampleId :
PB152410BL

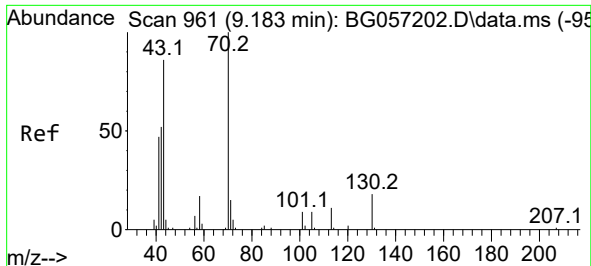
Tgt Ion: 99 Resp: 182499
Ion Ratio Lower Upper
99 100
42 19.6 15.1 22.7
71 43.0 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.515 min Scan# 677
Delta R.T. 0.006 min
Lab File: BG057208.D
Acq: 28 Apr 2023 00:58

Tgt Ion: 77 Resp: 267
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

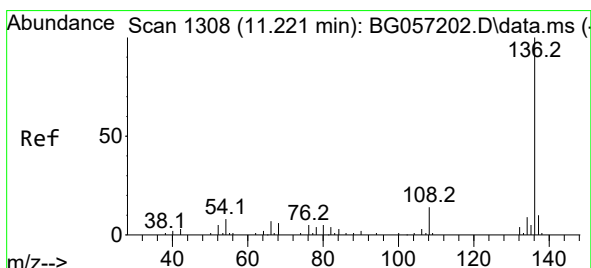
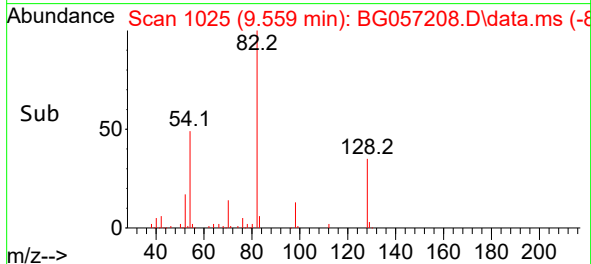
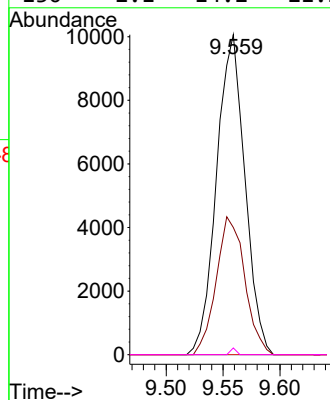
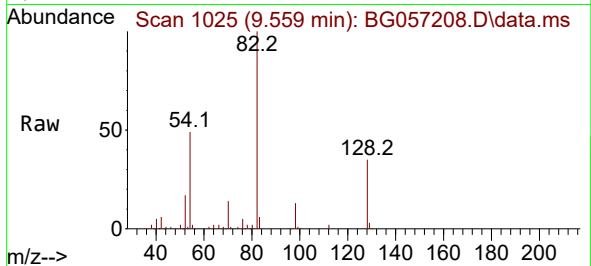




#19
n-Nitroso-di-n-propylamine
Concen: 16.014 ng
RT: 9.559 min Scan# 1025
Delta R.T. 0.376 min
Lab File: BG057208.D
Acq: 28 Apr 2023 00:58

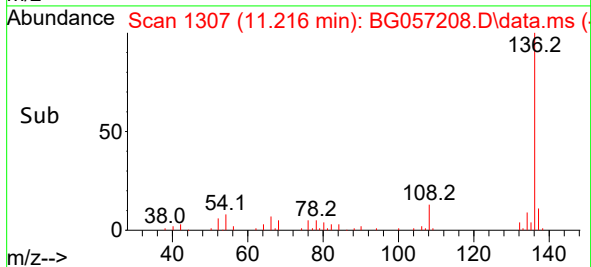
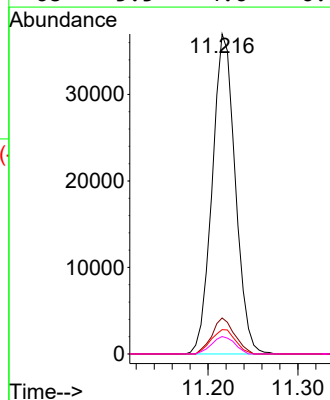
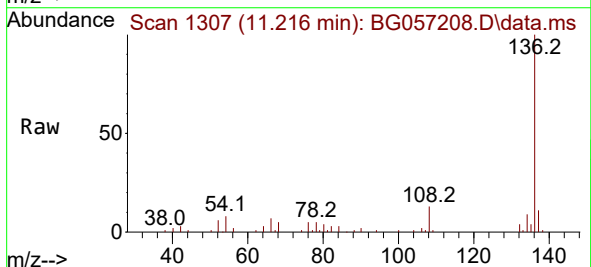
Instrument :
BNA_G
ClientSampleId :
PB152410BL

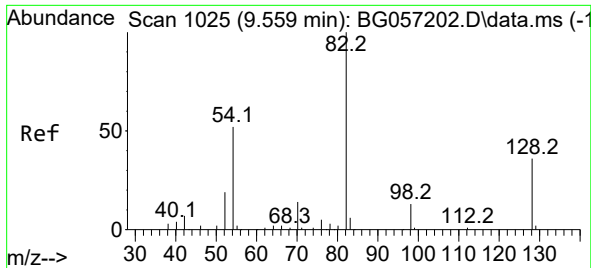
Tgt Ion: 70 Resp: 17457
Ion Ratio Lower Upper
70 100
42 39.7 41.8 62.8#
101 0.0 6.8 10.2#
130 2.1 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.216 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BG057208.D
Acq: 28 Apr 2023 00:58

Tgt Ion:136 Resp: 65789
Ion Ratio Lower Upper
136 100
137 11.2 8.3 12.5
54 7.6 6.7 10.1
68 5.5 4.6 6.8





#23
 Nitrobenzene-d5
 Concen: 78.429 ng
 RT: 9.559 min Scan# 1025
 Delta R.T. 0.000 min
 Lab File: BG057208.D
 Acq: 28 Apr 2023 00:58

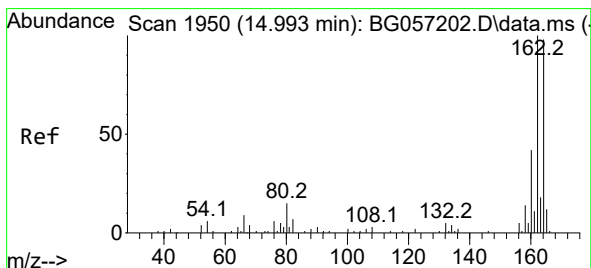
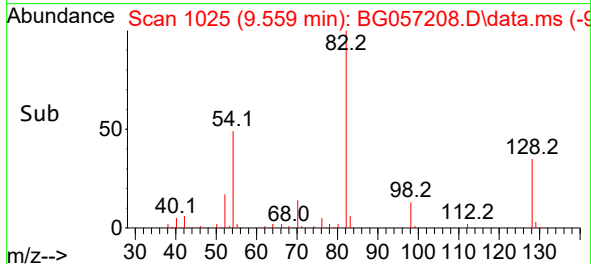
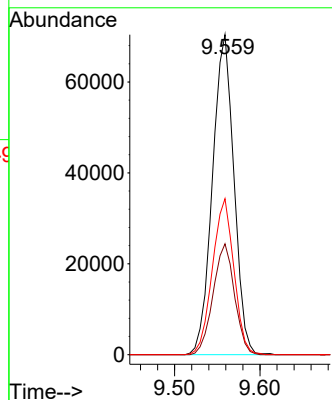
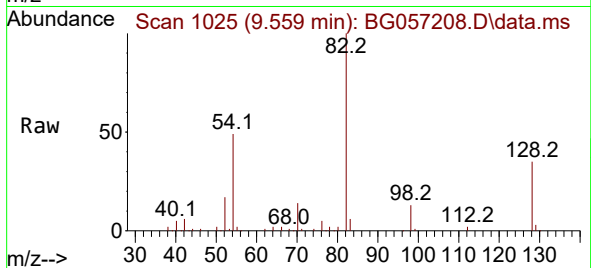
Instrument :

BNA_G

ClientSampleId :

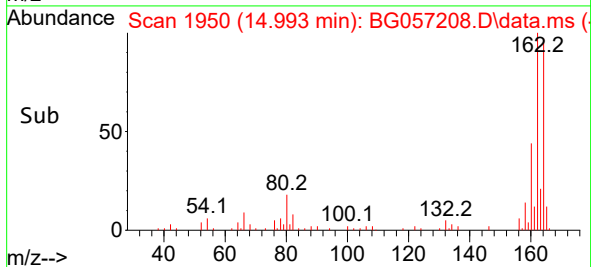
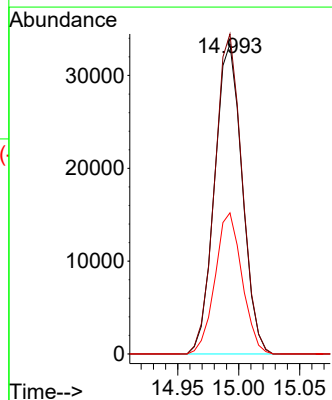
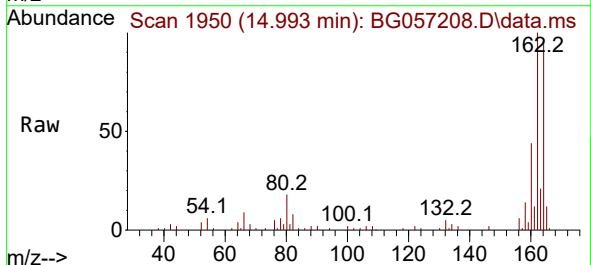
PB152410BL

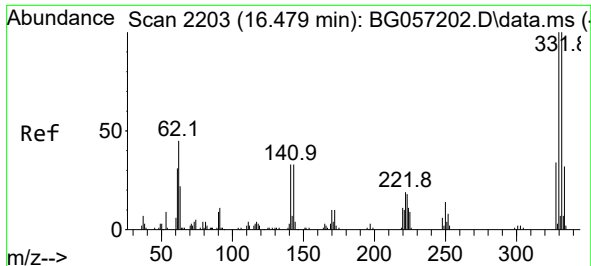
Tgt Ion: 82 Resp: 122937
 Ion Ratio Lower Upper
 82 100
 128 34.6 29.0 43.4
 54 48.8 41.4 62.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.993 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: BG057208.D
 Acq: 28 Apr 2023 00:58

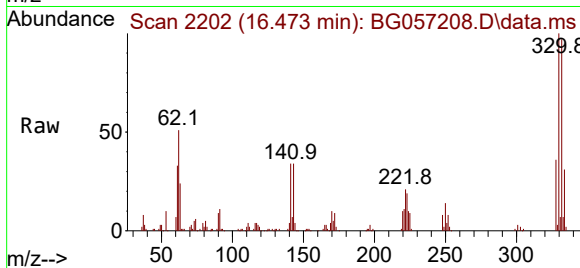
Tgt Ion:164 Resp: 52466
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.8 122.6
 160 45.5 34.6 52.0



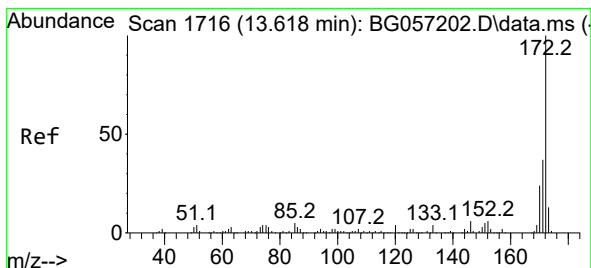
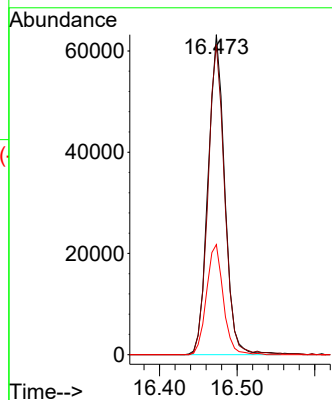
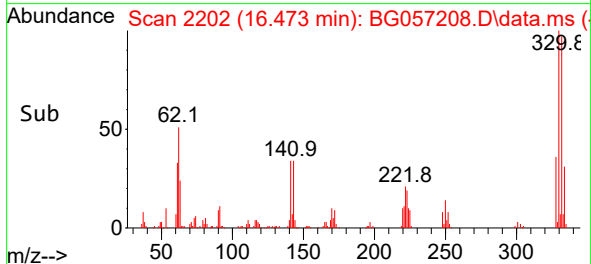


#42
2,4,6-Tribromophenol
Concen: 126.856 ng
RT: 16.473 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057208.D
Acq: 28 Apr 2023 00:58

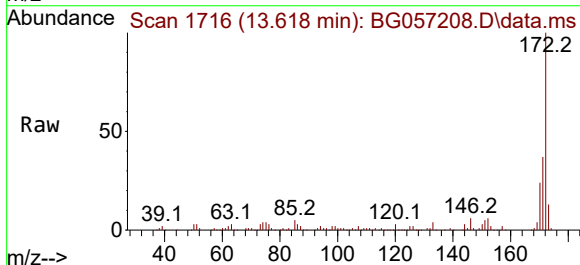
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BNA_G
ClientSampleId :
PB152410BL



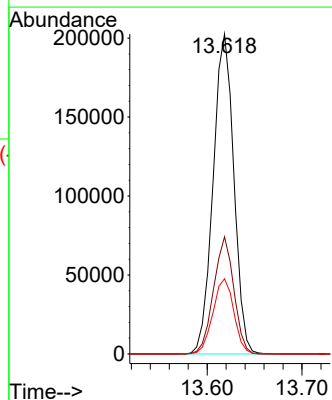
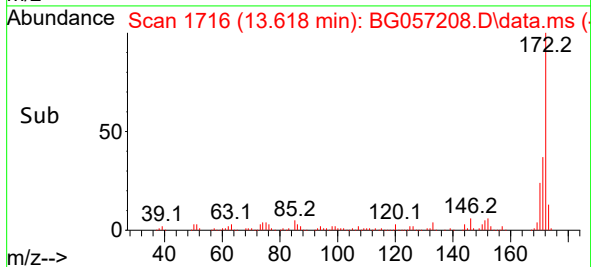
Tgt Ion:330 Resp: 94436
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.2
141 34.6 27.8 41.8

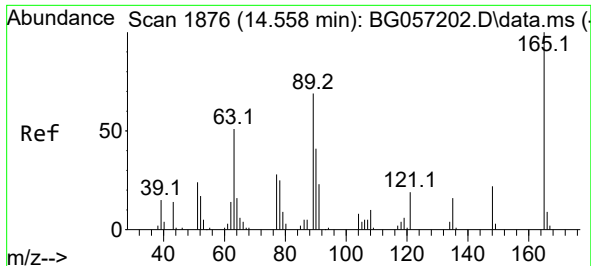


#45
2-Fluorobiphenyl
Concen: 78.861 ng
RT: 13.618 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BG057208.D
Acq: 28 Apr 2023 00:58



Tgt Ion:172 Resp: 307211
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 23.5 19.0 28.6

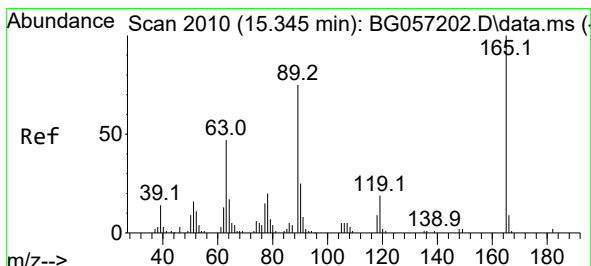
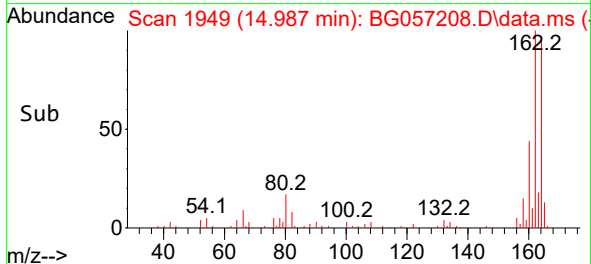
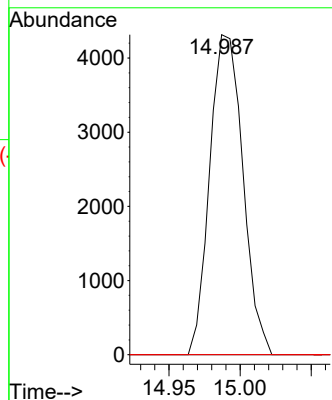
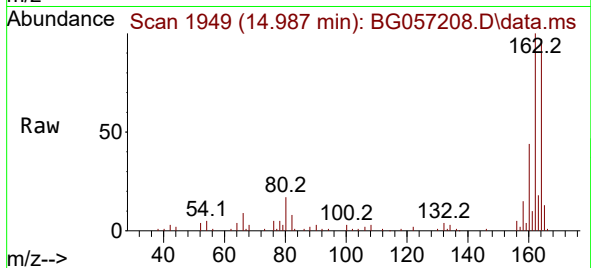




#51
2,6-Dinitrotoluene
Concen: 7.949 ng
RT: 14.987 min Scan# 1949
Delta R.T. 0.429 min
Lab File: BG057208.D
Acq: 28 Apr 2023 00:58

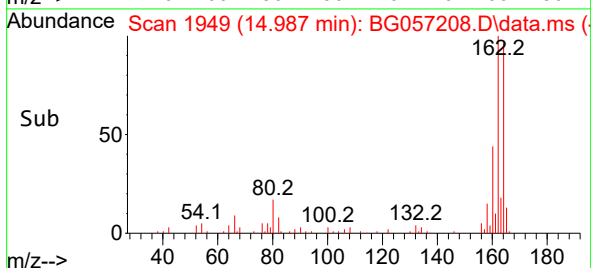
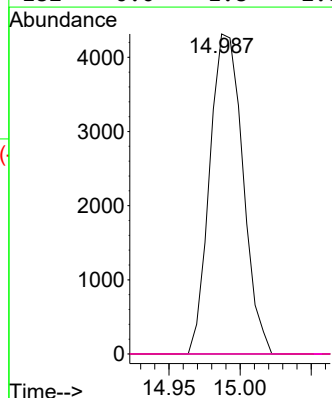
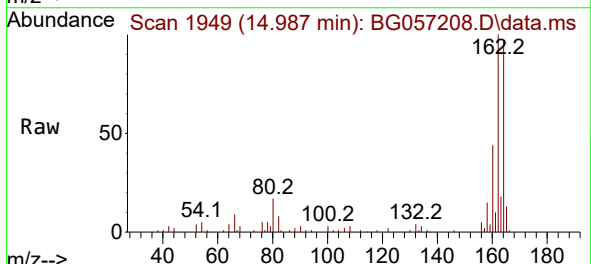
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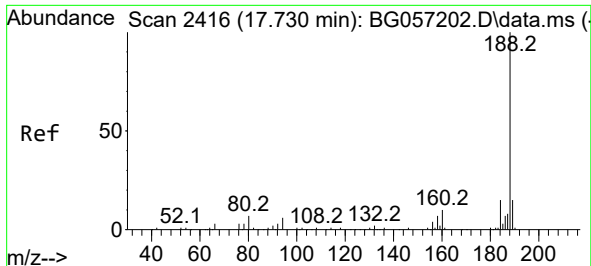
Tgt Ion:165 Resp: 6997
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#



#57
2,4-Dinitrotoluene
Concen: 5.562 ng
RT: 14.987 min Scan# 1949
Delta R.T. -0.358 min
Lab File: BG057208.D
Acq: 28 Apr 2023 00:58

Tgt Ion:165 Resp: 6997
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 0.0 60.2 90.4#
182 0.0 1.8 2.8#

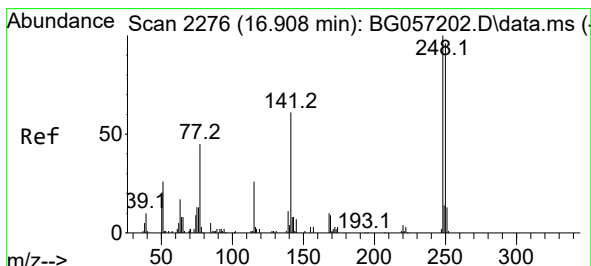
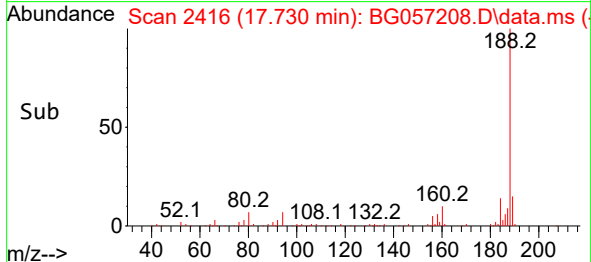
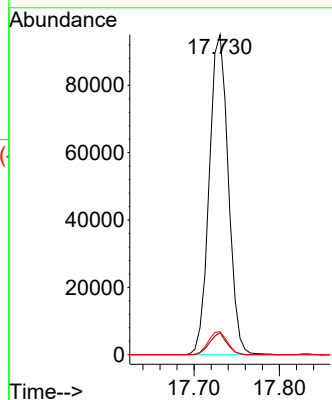
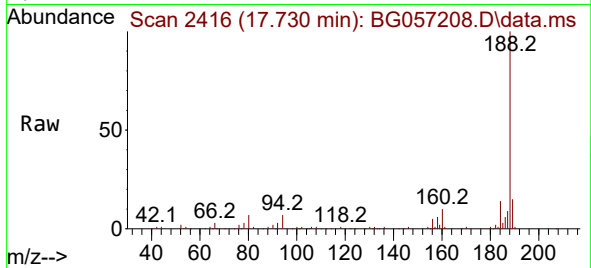




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.730 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BG057208.D
Acq: 28 Apr 2023 00:58

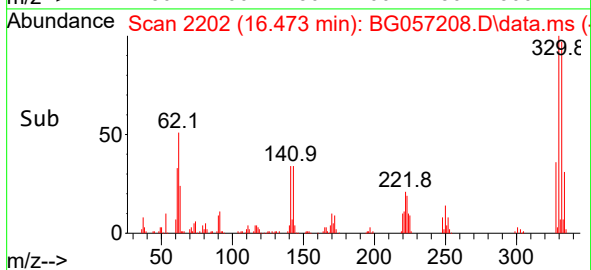
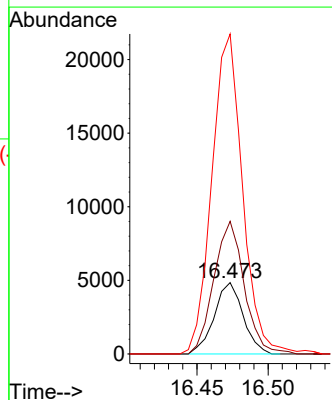
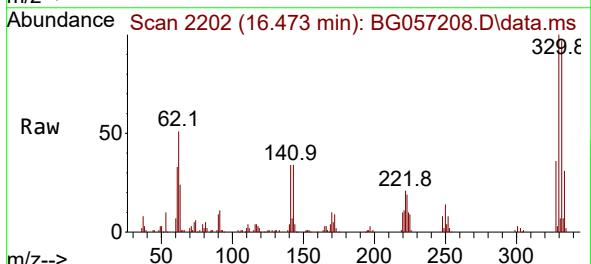
Instrument :
BNA_G
ClientSampleId :
PB152410BL

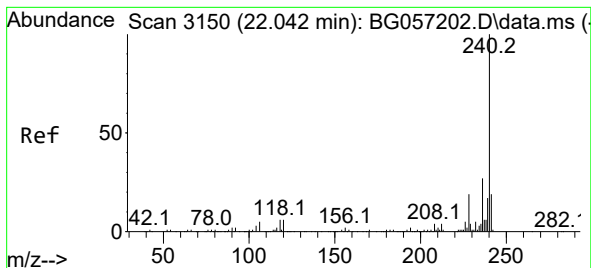
Tgt Ion:188 Resp: 147366
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 7.2 5.7 8.5



#67
4-Bromophenyl-phenylether
Concen: 3.813 ng
RT: 16.473 min Scan# 2202
Delta R.T. -0.435 min
Lab File: BG057208.D
Acq: 28 Apr 2023 00:58

Tgt Ion:248 Resp: 6860
Ion Ratio Lower Upper
248 100
250 185.9 77.0 115.6#
141 448.5 48.6 72.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.036 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG057208.D

Acq: 28 Apr 2023 00:58

Instrument :

BNA_G

ClientSampleId :

PB152410BL

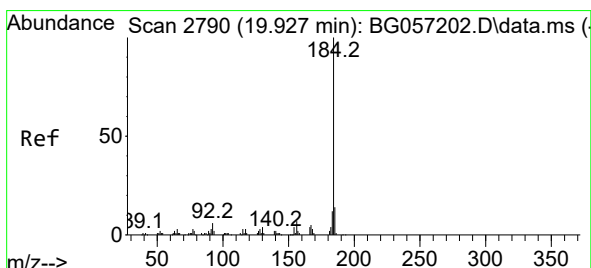
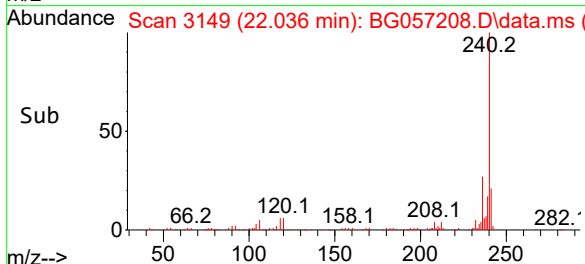
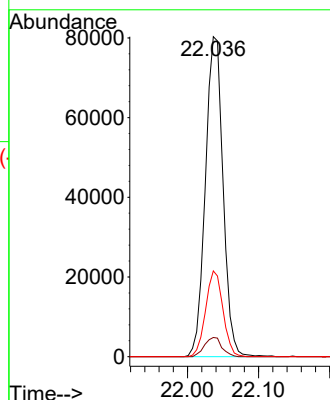
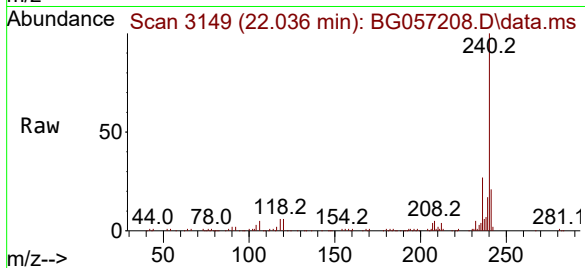
Tgt Ion:240 Resp: 138877

Ion Ratio Lower Upper

240 100

120 6.0 4.9 7.3

236 26.8 21.4 32.2



#77

Benzidine

Concen: 3.625 ng

RT: 20.297 min Scan# 2853

Delta R.T. 0.370 min

Lab File: BG057208.D

Acq: 28 Apr 2023 00:58

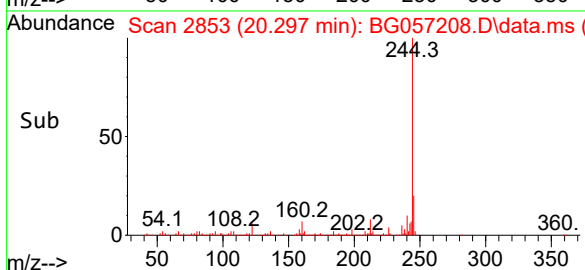
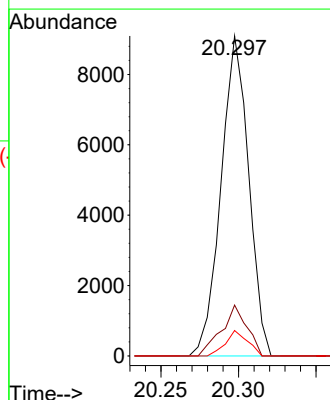
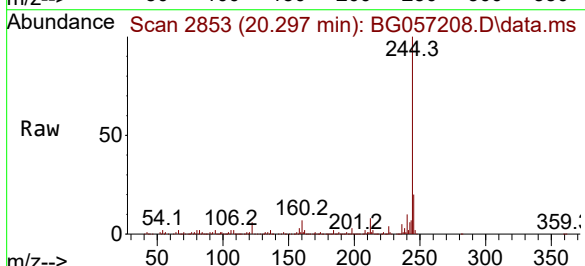
Tgt Ion:184 Resp: 11256

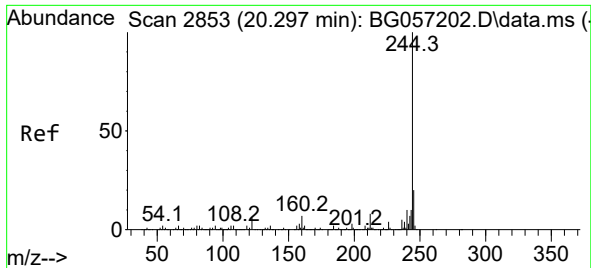
Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

183 8.0 9.9 14.9#

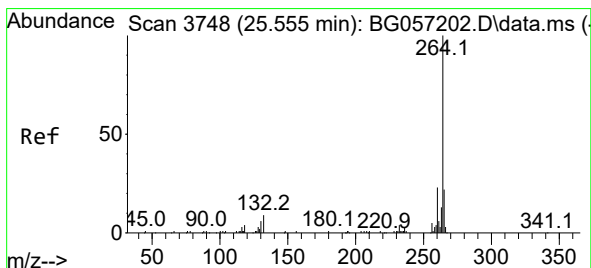
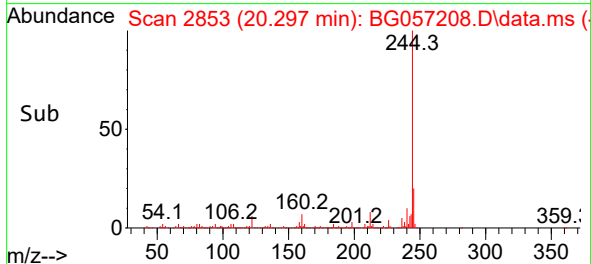
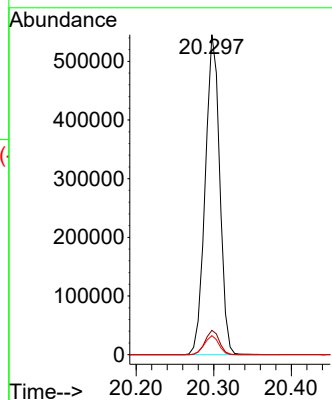
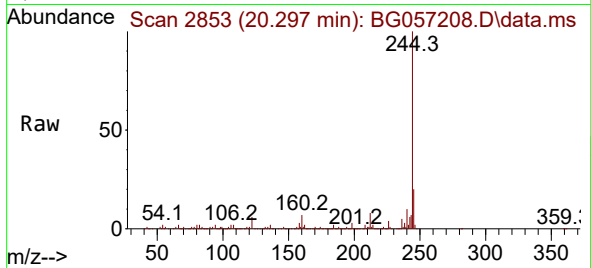




#79
 Terphenyl-d14
 Concen: 82.907 ng
 RT: 20.297 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057208.D
 Acq: 28 Apr 2023 00:58

Instrument :
 BNA_G
 ClientSampleId :
 PB152410BL

Tgt Ion:244 Resp: 705540
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.0 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.549 min Scan# 3747
 Delta R.T. -0.006 min
 Lab File: BG057208.D
 Acq: 28 Apr 2023 00:58

Tgt Ion:264 Resp: 140770
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 22.3 17.9 26.9

