

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057415.D
 Acq On : 12 May 2023 18:57
 Operator : CG/JU
 Sample : 02747-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-10-12-20230510

Quant Time: May 12 22:12:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

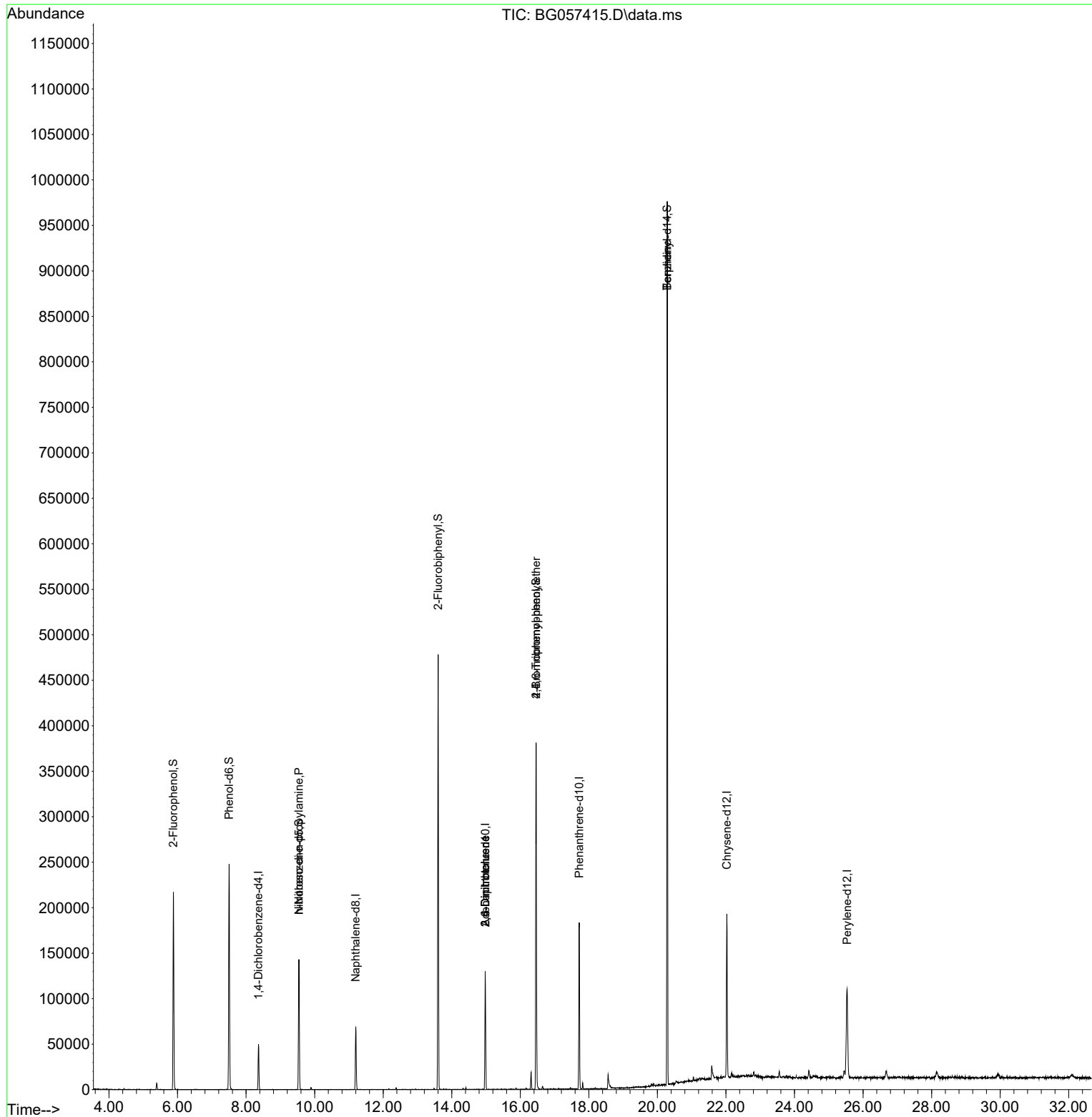
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.362	152	14252	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	60112	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	47258	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	125810	20.000	ng	0.00
76) Chrysene-d12	22.026	240	114265	20.000	ng	0.00
86) Perylene-d12	25.533	264	121925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	95834	115.026	ng	0.00
7) Phenol-d6	7.505	99	145962	115.369	ng	0.00
23) Nitrobenzene-d5	9.543	82	93389	65.205	ng	0.00
42) 2,4,6-Tribromophenol	16.463	330	82693	123.323	ng	0.00
45) 2-Fluorobiphenyl	13.602	172	249451	71.091	ng	0.00
79) Terphenyl-d14	20.287	244	503734	71.943	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.505	77	188	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	9.543	70	13100	13.579	ng	# 76
51) 2,6-Dinitrotoluene	14.977	165	6731	8.489	ng	# 17
57) 2,4-Dinitrotoluene	14.977	165	6731	5.940	ng	# 20
67) 4-Bromophenyl-phenylether	16.463	248	5641	3.673	ng	# 1
77) Benzidine	20.287	184	7308	2.861	ng	# 93

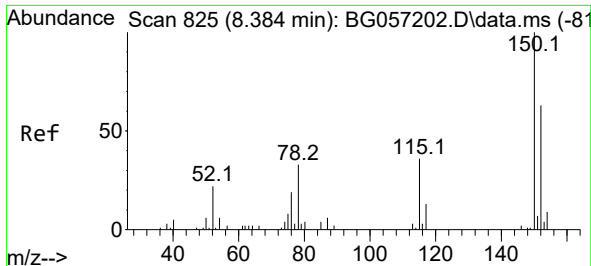
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057415.D
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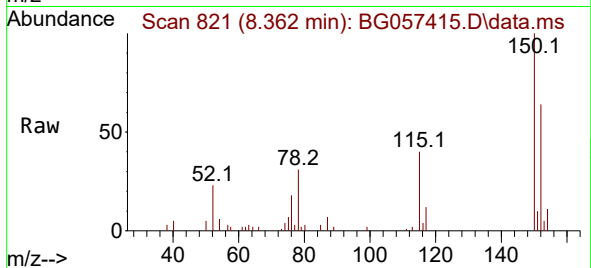
Quant Time: May 12 22:12:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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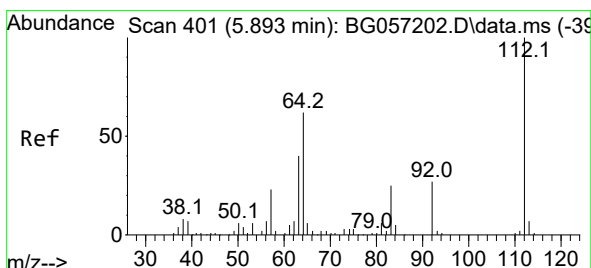
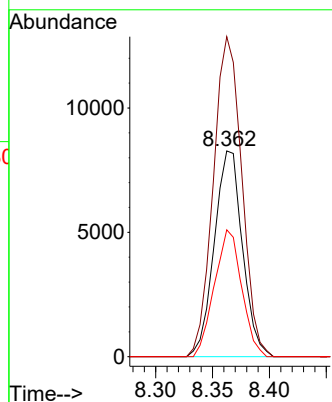
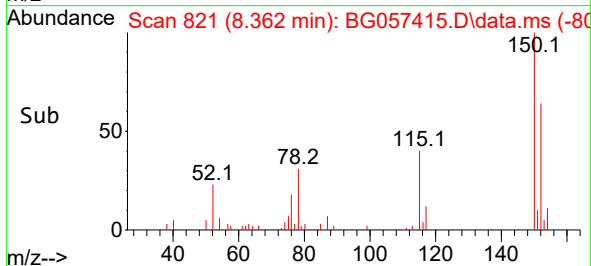


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.362 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

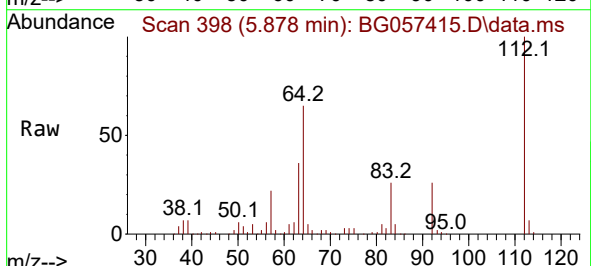
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510



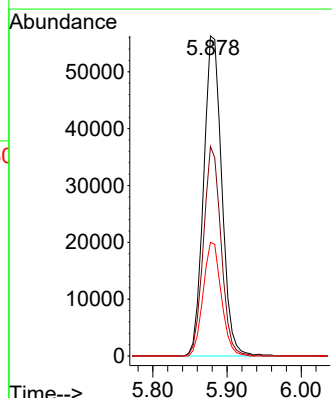
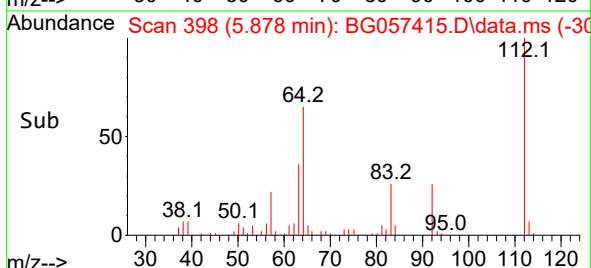
Tgt Ion:152 Resp: 14252
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.4
115 61.7 45.0 67.4

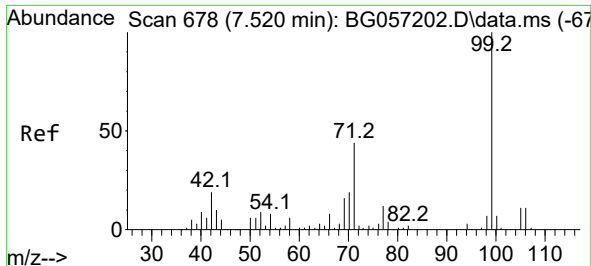


#5
2-Fluorophenol
Concen: 115.026 ng
RT: 5.878 min Scan# 398
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57



Tgt Ion:112 Resp: 95834
Ion Ratio Lower Upper
112 100
64 65.4 49.4 74.2
63 35.5 31.6 47.4

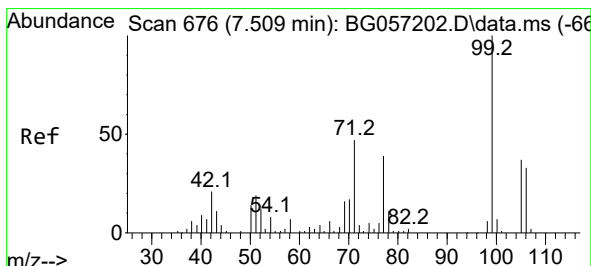
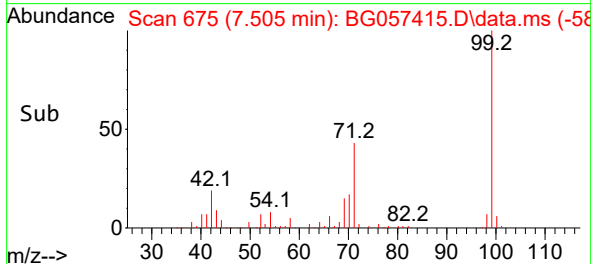
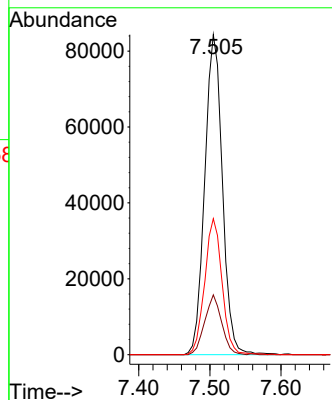
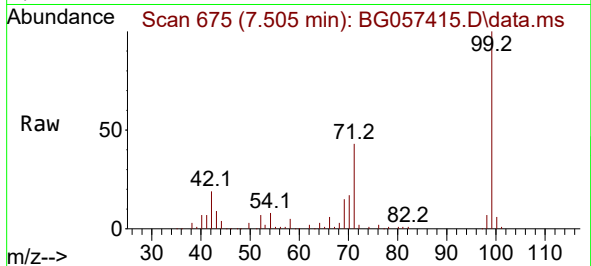




#7
Phenol-d6
Concen: 115.369 ng
RT: 7.505 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

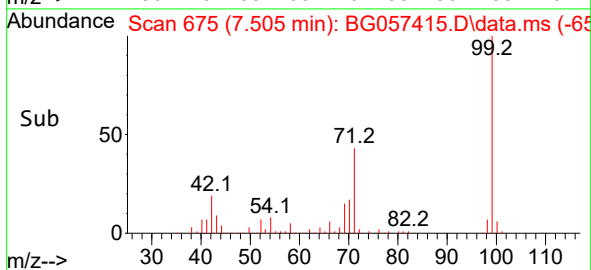
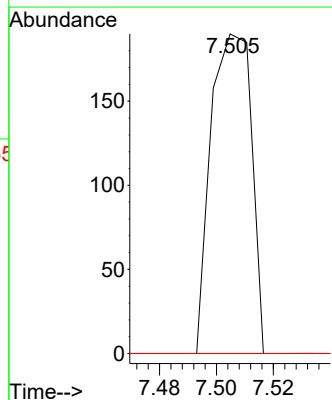
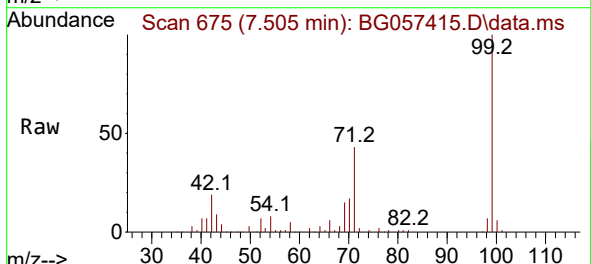
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510

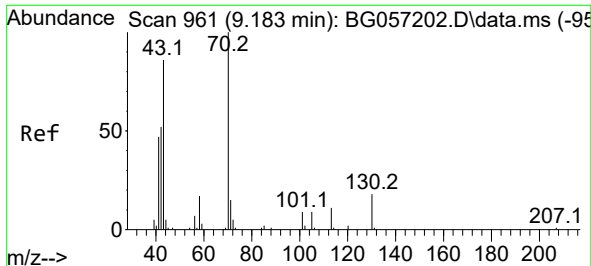
Tgt Ion: 99 Resp: 145962
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 42.5 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.505 min Scan# 675
Delta R.T. 0.017 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

Tgt Ion: 77 Resp: 188
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

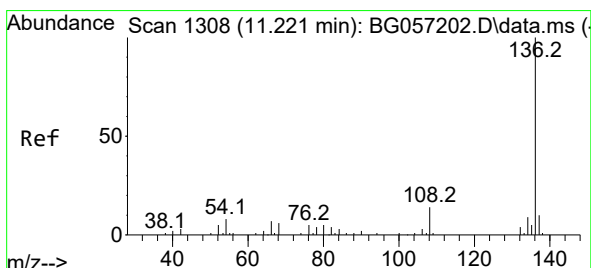
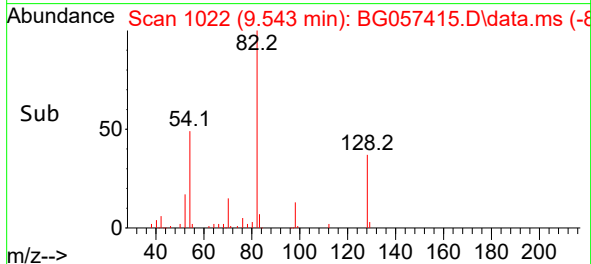
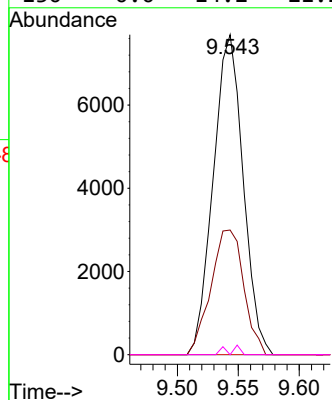
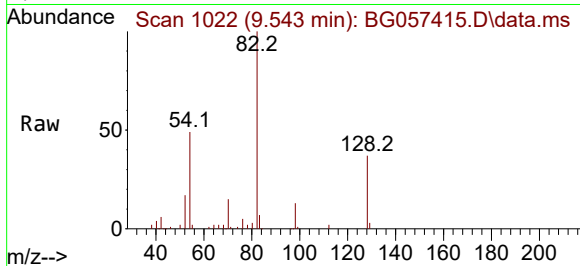




#19
n-Nitroso-di-n-propylamine
Concen: 13.579 ng
RT: 9.543 min Scan# 1022
Delta R.T. 0.375 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

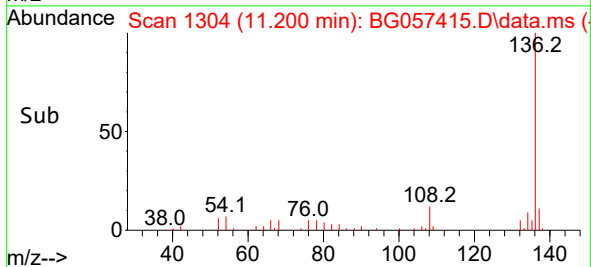
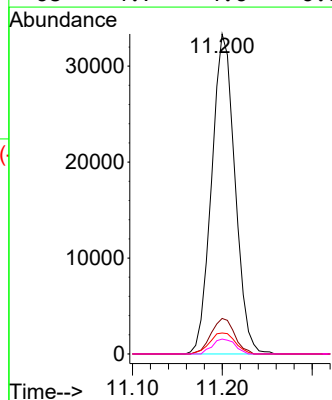
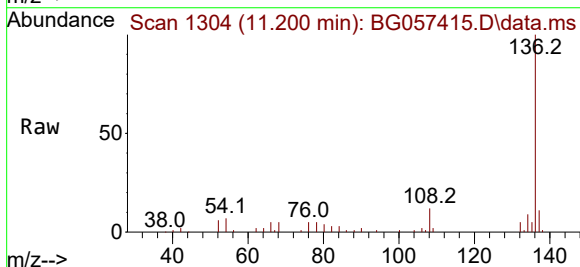
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510

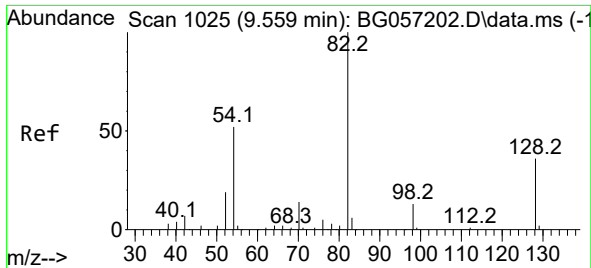
Tgt Ion:	70	Resp:	13100
Ion	Ratio	Lower	Upper
70	100		
42	38.9	41.8	62.8#
101	0.0	6.8	10.2#
130	0.0	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.200 min Scan# 1304
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

Tgt Ion:	136	Resp:	60112
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.3	12.5
54	6.6	6.7	10.1#
68	4.7	4.6	6.8

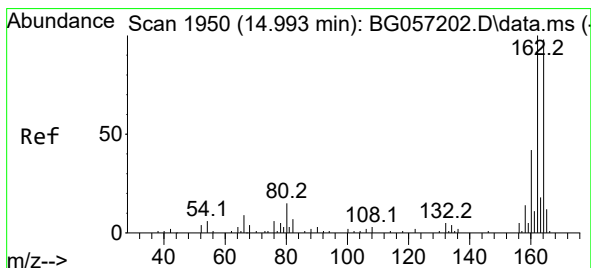
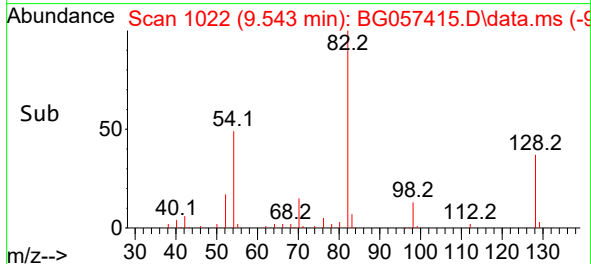
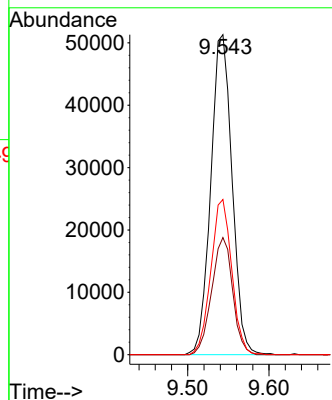
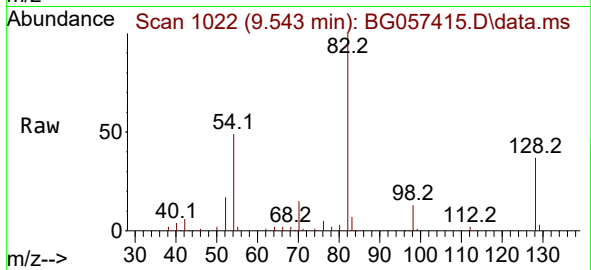




#23
Nitrobenzene-d5
Concen: 65.205 ng
RT: 9.543 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

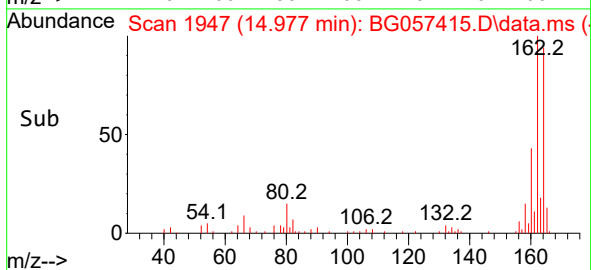
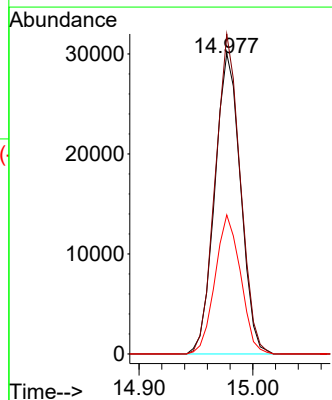
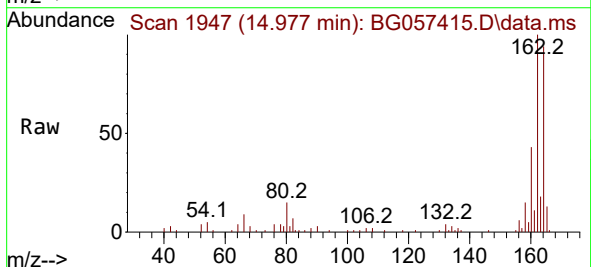
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510

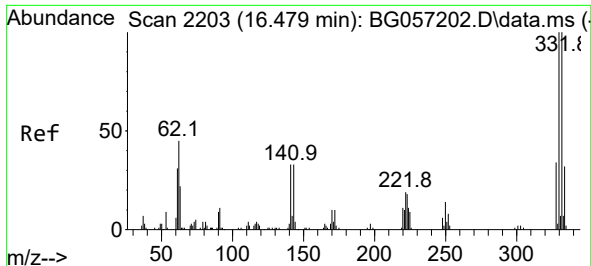
Tgt Ion: 82 Resp: 93389
Ion Ratio Lower Upper
82 100
128 36.6 29.0 43.4
54 48.5 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.977 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

Tgt Ion:164 Resp: 47258
Ion Ratio Lower Upper
164 100
162 106.5 81.8 122.6
160 46.3 34.6 52.0

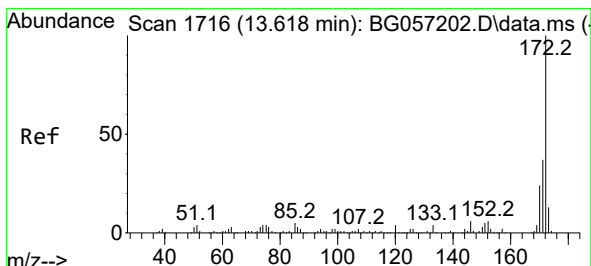
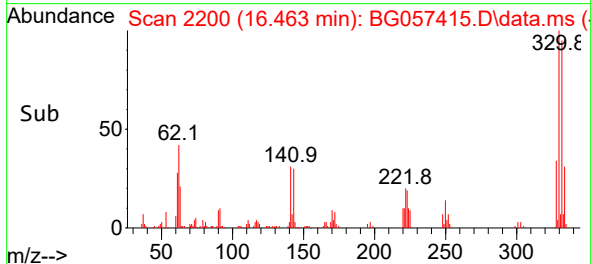
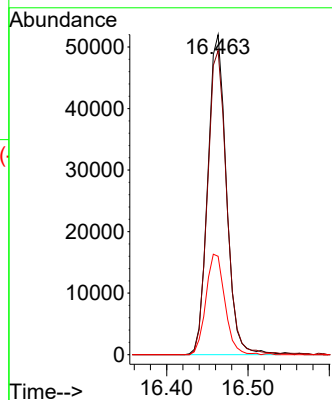
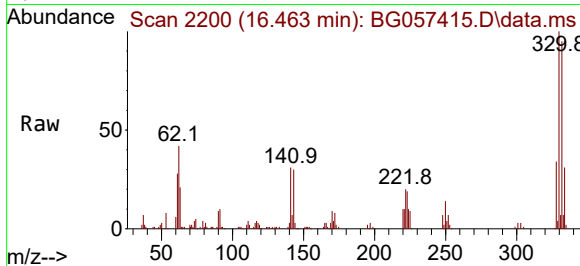




#42
2,4,6-Tribromophenol
Concen: 123.323 ng
RT: 16.463 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

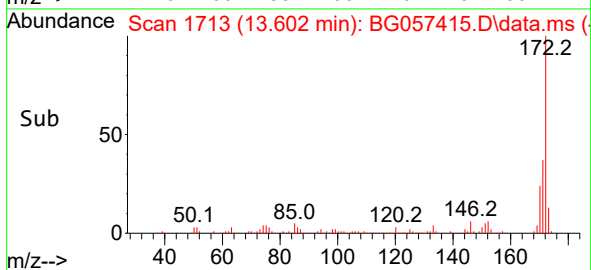
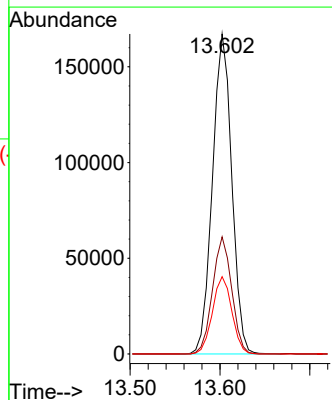
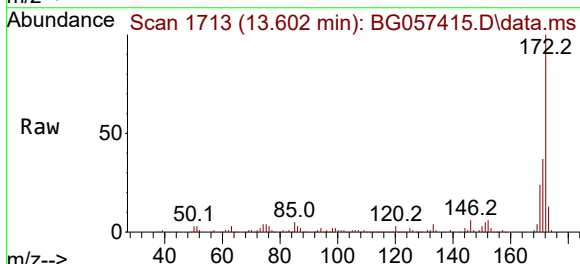
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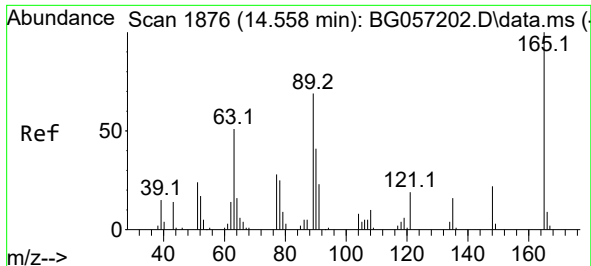
Tgt Ion:330 Resp: 82693
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.2
141 32.0 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 71.091 ng
RT: 13.602 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

Tgt Ion:172 Resp: 249451
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.2 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.489 ng

RT: 14.977 min Scan# 1947

Delta R.T. 0.428 min

Lab File: BG057415.D

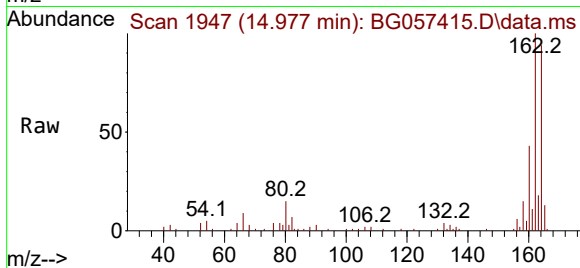
Acq: 12 May 2023 18:57

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510



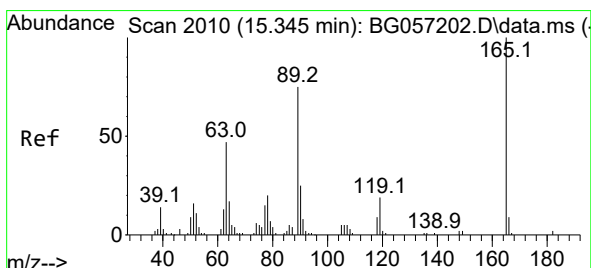
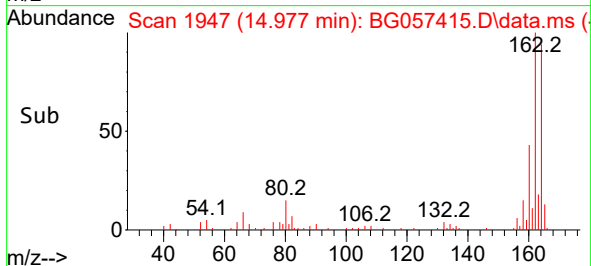
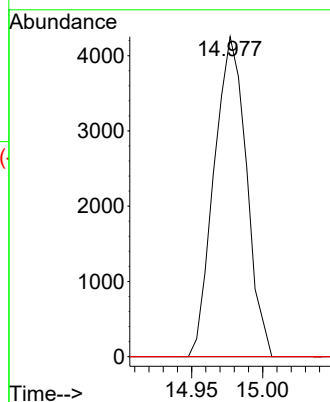
Tgt Ion:165 Resp: 6731

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: 5.940 ng

RT: 14.977 min Scan# 1947

Delta R.T. -0.359 min

Lab File: BG057415.D

Acq: 12 May 2023 18:57

Tgt Ion:165 Resp: 6731

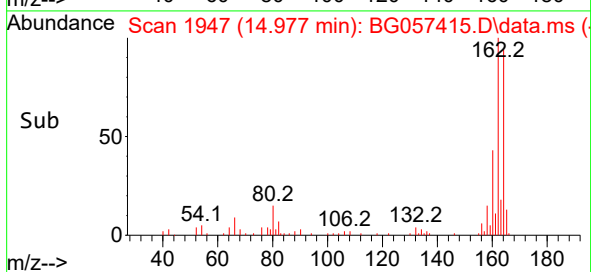
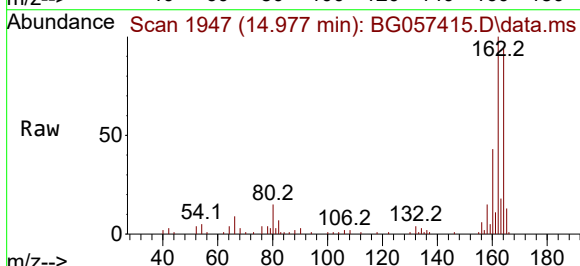
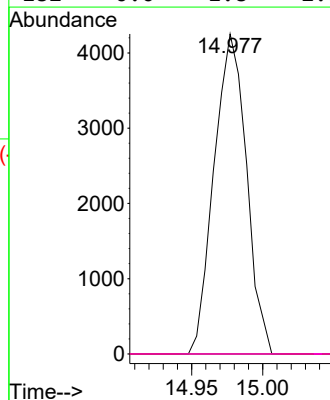
Ion Ratio Lower Upper

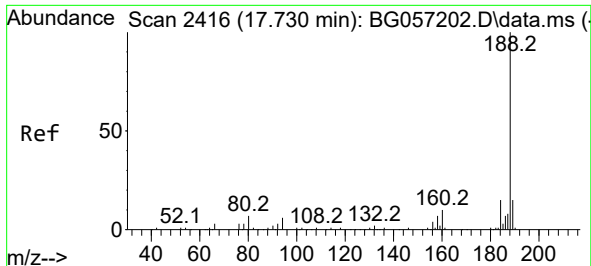
165 100

63 0.0 37.5 56.3#

89 0.0 60.2 90.4#

182 0.0 1.8 2.8#

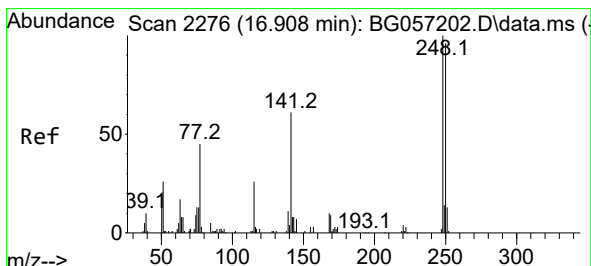
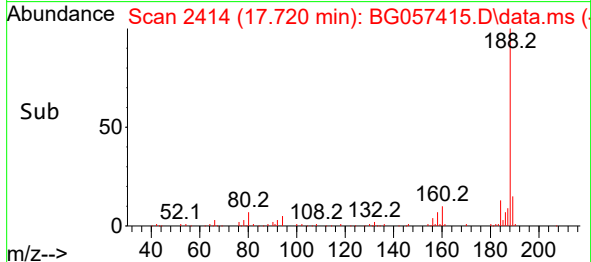
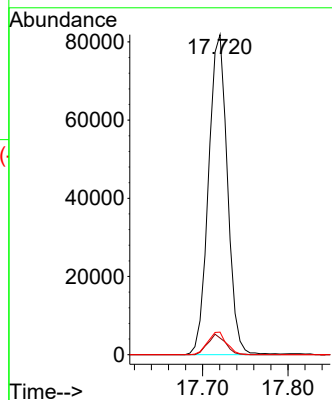
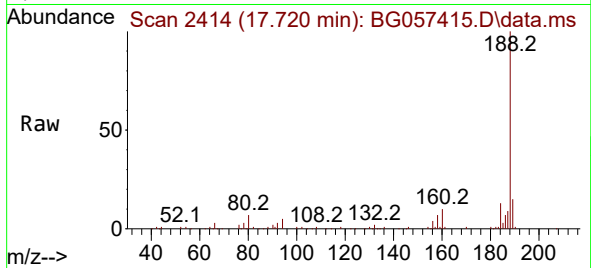




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 2416
Delta R.T. -0.001 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

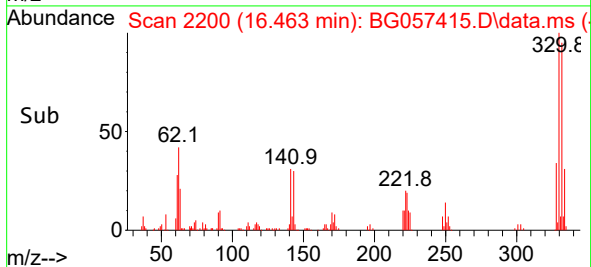
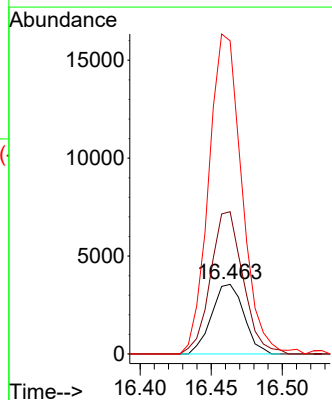
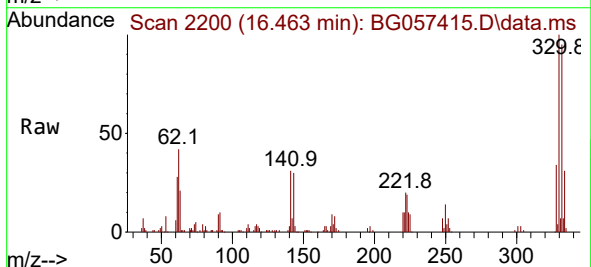
Instrument :
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ClientSampleId :
SB-03-10-12-20230510

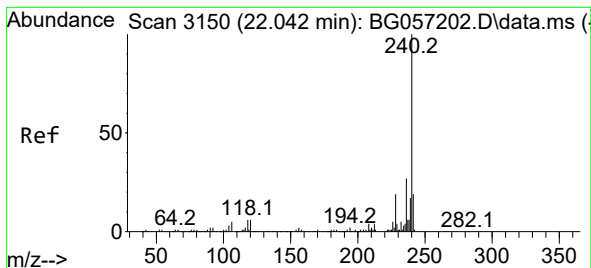
Tgt Ion:188 Resp: 125810
Ion Ratio Lower Upper
188 100
94 5.2 5.1 7.7
80 7.1 5.7 8.5



#67
4-Bromophenyl-phenylether
Concen: 3.673 ng
RT: 16.463 min Scan# 2200
Delta R.T. -0.430 min
Lab File: BG057415.D
Acq: 12 May 2023 18:57

Tgt Ion:248 Resp: 5641
Ion Ratio Lower Upper
248 100
250 204.2 77.0 115.6#
141 449.9 48.6 72.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.026 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG057415.D

Acq: 12 May 2023 18:57

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510

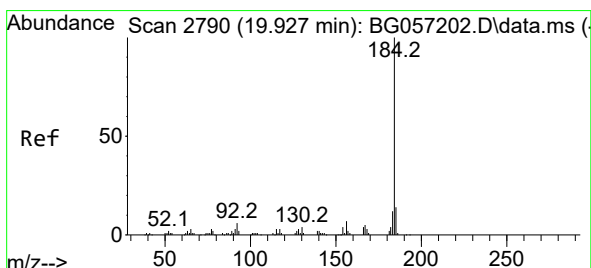
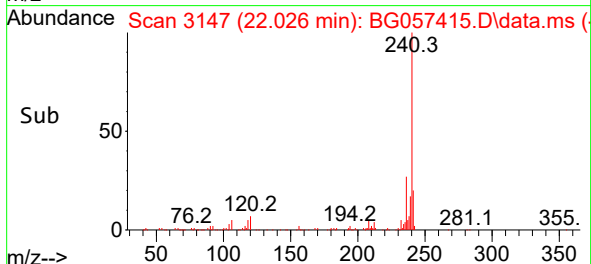
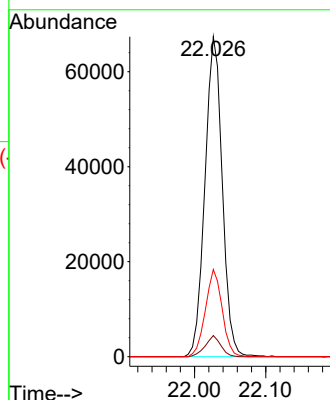
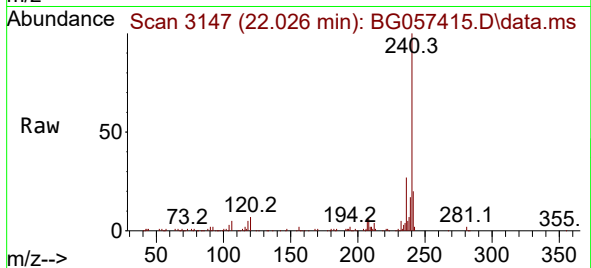
Tgt Ion:240 Resp: 114265

Ion Ratio Lower Upper

240 100

120 6.6 4.9 7.3

236 27.3 21.4 32.2



#77

Benzidine

Concen: 2.861 ng

RT: 20.287 min Scan# 2851

Delta R.T. 0.369 min

Lab File: BG057415.D

Acq: 12 May 2023 18:57

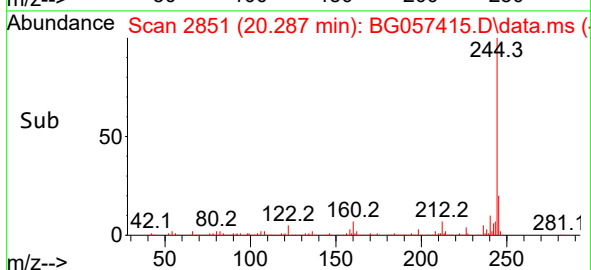
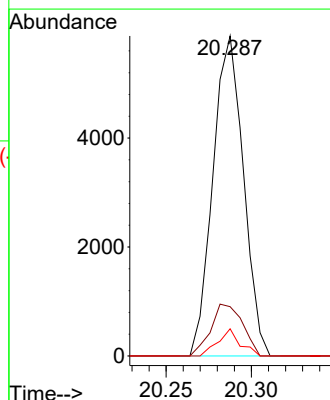
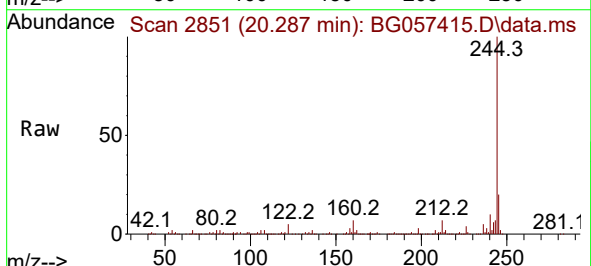
Tgt Ion:184 Resp: 7308

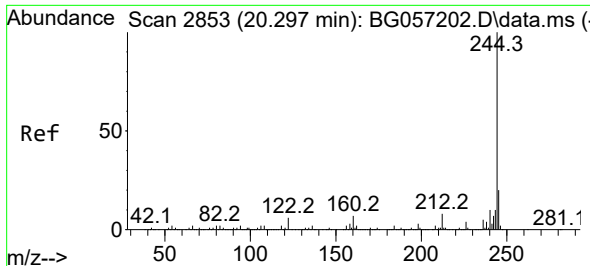
Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

183 8.5 9.9 14.9#

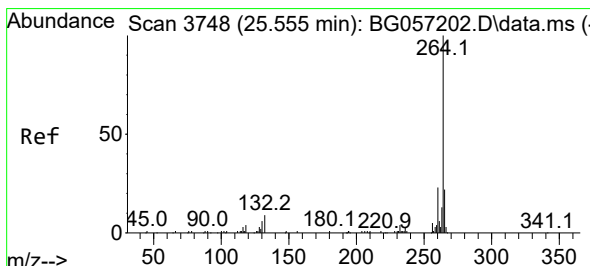
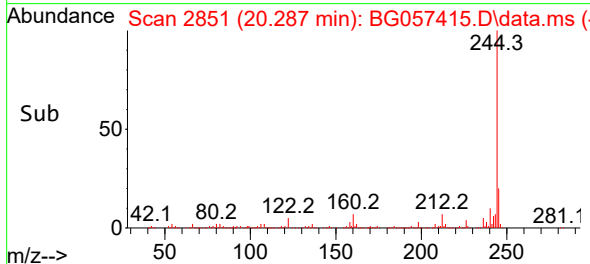
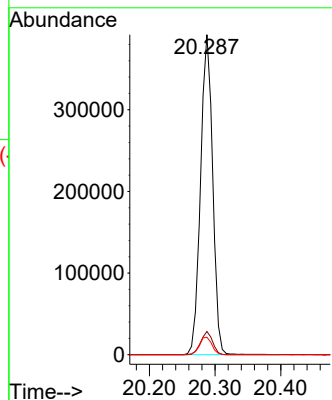
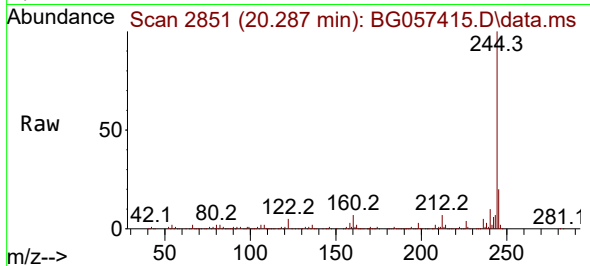




#79
 Terphenyl-d14
 Concen: 71.943 ng
 RT: 20.287 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057415.D
 Acq: 12 May 2023 18:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-10-12-20230510

Tgt Ion:244 Resp: 503734
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.5 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.533 min Scan# 3744
 Delta R.T. -0.001 min
 Lab File: BG057415.D
 Acq: 12 May 2023 18:57

Tgt Ion:264 Resp: 121925
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.1 17.9 26.9

