

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057844.D
 Acq On : 23 Jun 2023 16:04
 Operator : CG/JU
 Sample : 03336-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Jun 23 16:49:44 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)

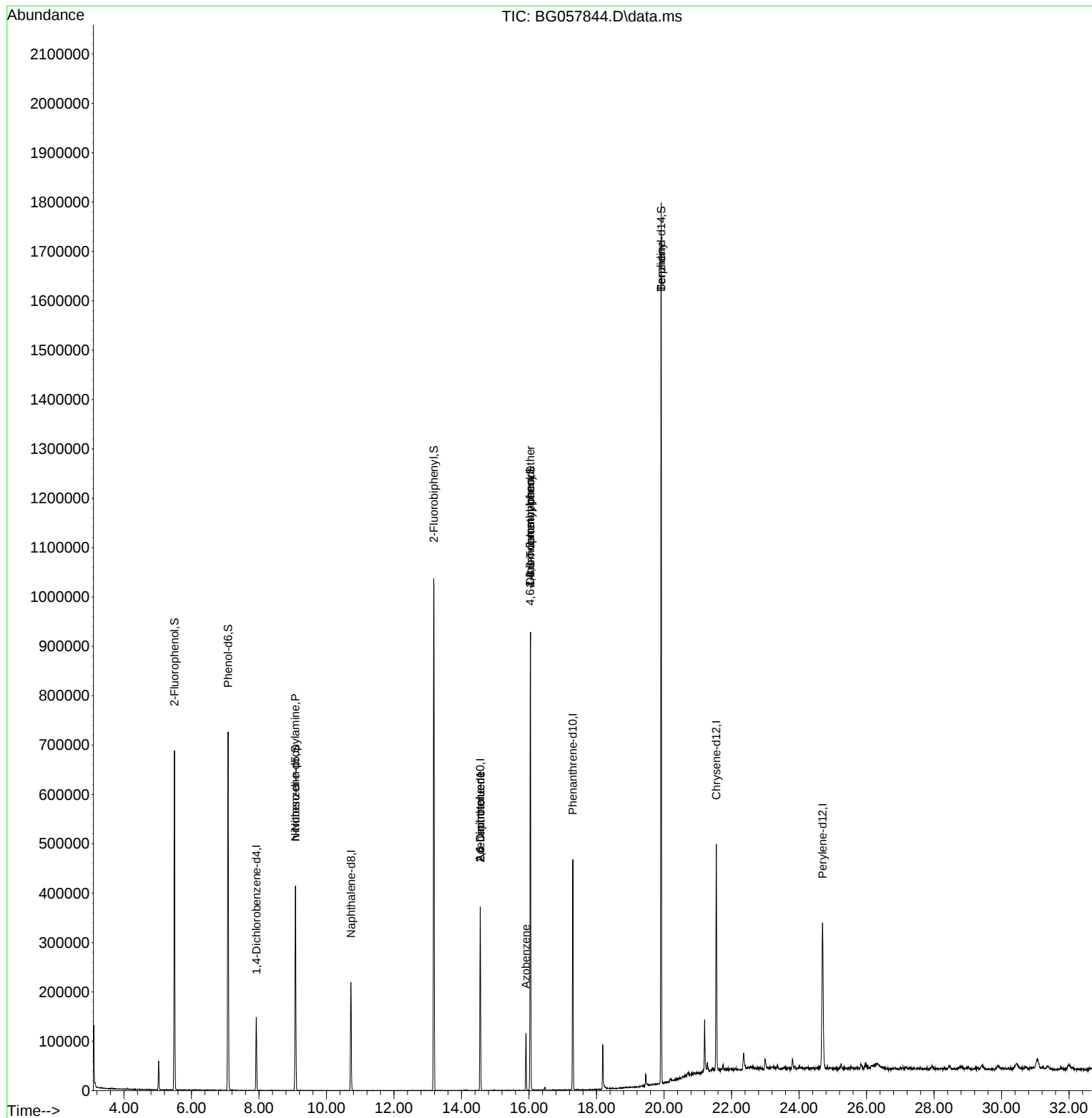
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	42211	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	186028	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	134283	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	303223	20.000	ng	0.00
76) Chrysene-d12	21.548	240	256317	20.000	ng	-0.01
86) Perylene-d12	24.697	264	318214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	295618	107.985	ng	0.00
7) Phenol-d6	7.083	99	430221	102.994	ng	0.00
23) Nitrobenzene-d5	9.080	82	247961	68.410	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	199038	106.406	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	568380	64.199	ng	0.00
79) Terphenyl-d14	19.915	244	921489	67.037	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.080	70	30941	10.625	ng	# 71
51) 2,6-Dinitrotoluene	14.556	165	17249	9.082	ng	# 19
57) 2,4-Dinitrotoluene	14.556	165	17249	6.697	ng	# 19
63) Azobenzene	15.908	77	32639	3.016	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.037	198	439	5.592	ng	# 10
67) 4-Bromophenyl-phenylether	16.043	248	12313	3.829	ng	# 1
77) Benzidine	19.915	184	12023	2.001	ng	# 94

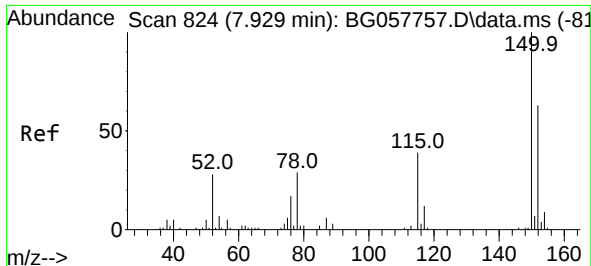
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
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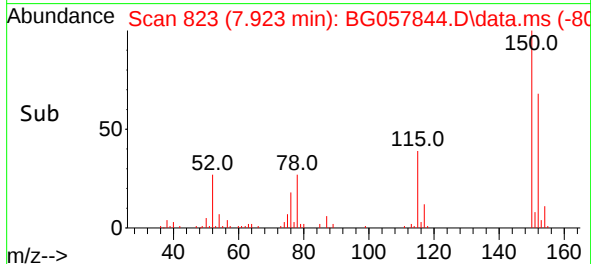
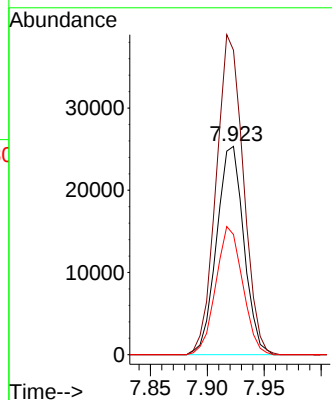
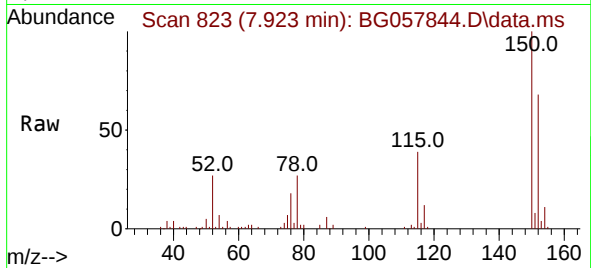




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

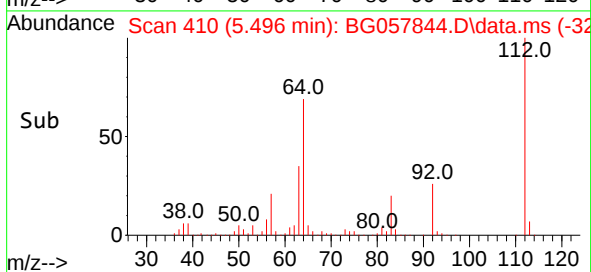
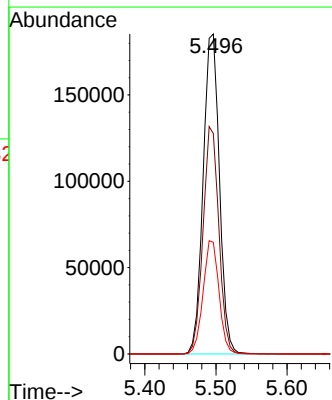
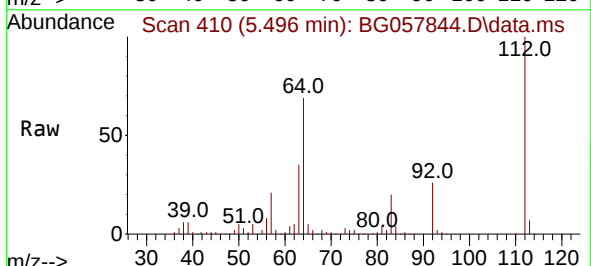
Instrument :
BNA_G
ClientSampleId :
WC-3

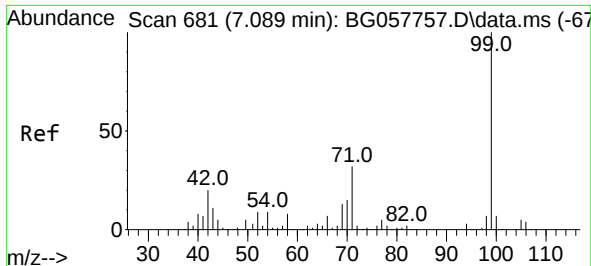
Tgt Ion:152 Resp: 42211
Ion Ratio Lower Upper
152 100
150 146.1 126.6 189.8
115 57.6 48.9 73.3



#5
2-Fluorophenol
Concen: 107.985 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.001 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

Tgt Ion:112 Resp: 295618
Ion Ratio Lower Upper
112 100
64 68.9 62.1 93.1
63 34.9 31.5 47.3

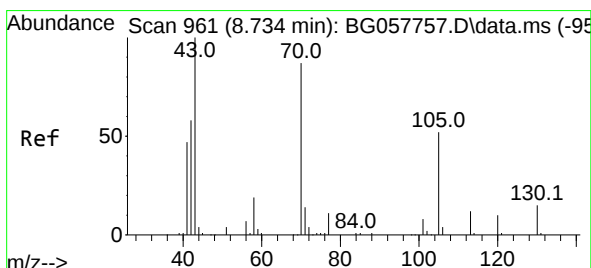
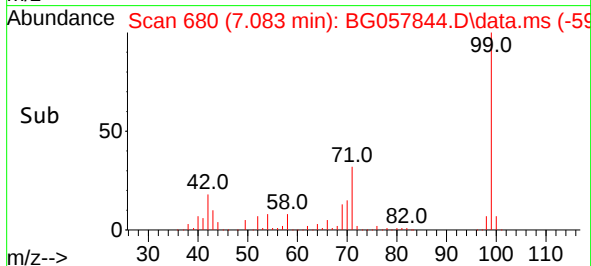
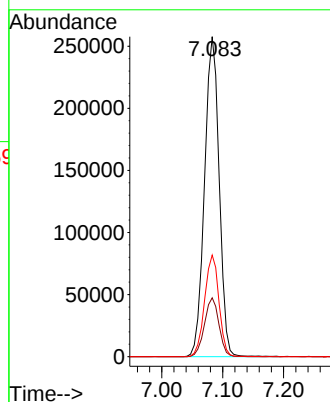
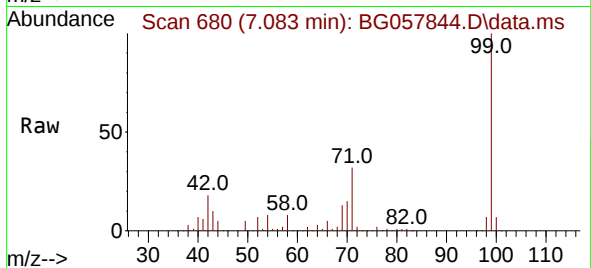




#7
Phenol-d6
Concen: 102.994 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

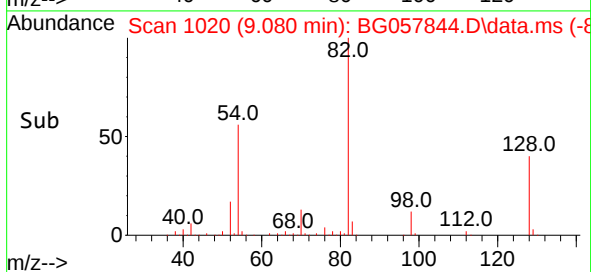
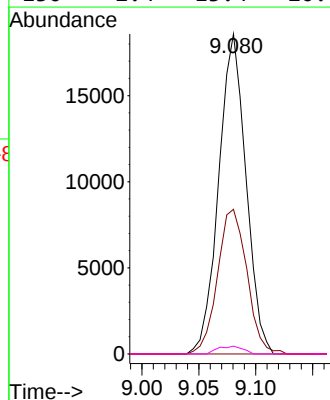
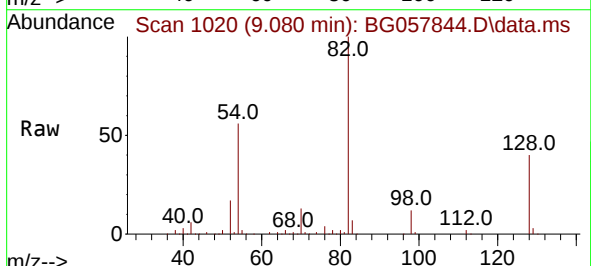
Instrument :
BNA_G
ClientSampleId :
WC-3

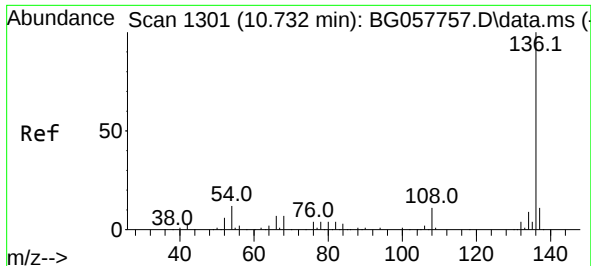
Tgt Ion: 99 Resp: 430221
Ion Ratio Lower Upper
99 100
42 18.4 16.4 24.6
71 31.7 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.625 ng
RT: 9.080 min Scan# 1020
Delta R.T. 0.346 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

Tgt Ion: 70 Resp: 30941
Ion Ratio Lower Upper
70 100
42 45.2 54.2 81.2#
101 0.0 7.4 11.0#
130 2.4 13.4 20.0#

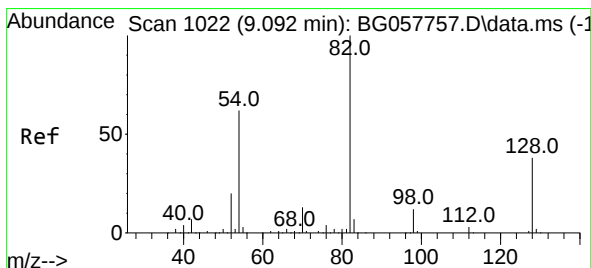
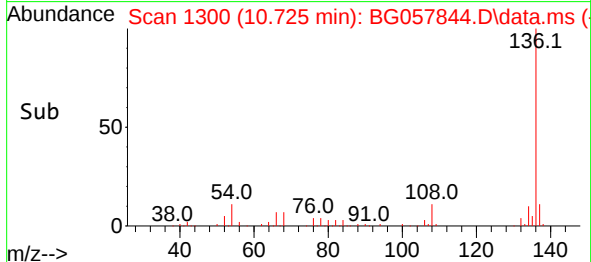
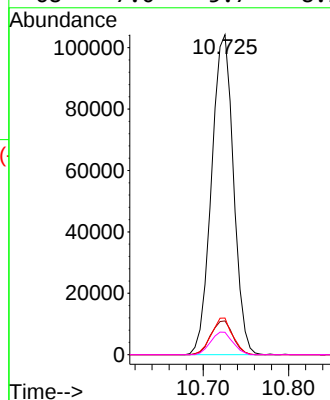
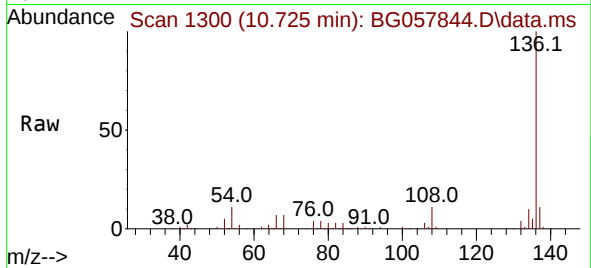




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

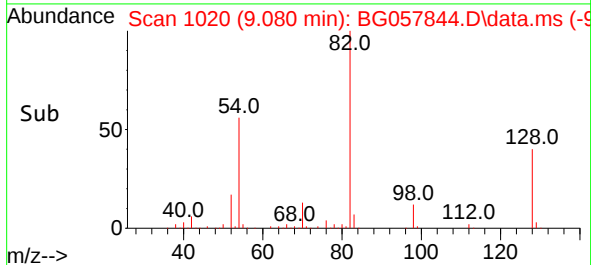
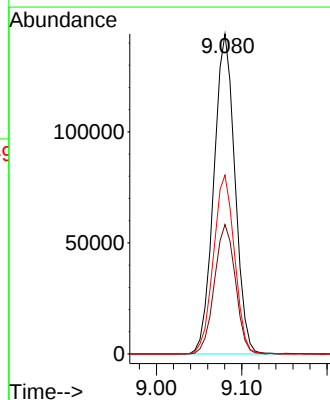
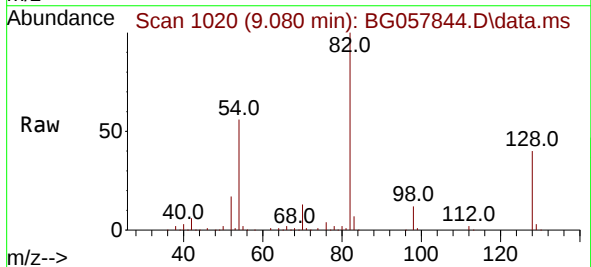
Instrument :
BNA_G
ClientSampleId :
WC-3

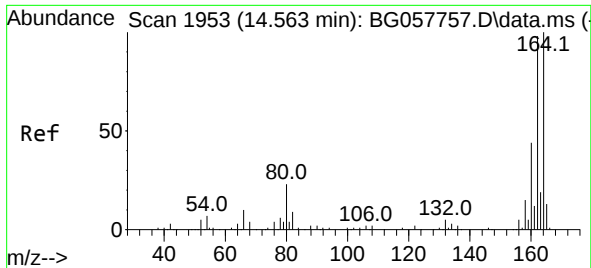
Tgt Ion:	136	Resp:	186028
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	11.5	9.5	14.3
68	7.0	5.7	8.5



#23
Nitrobenzene-d5
Concen: 68.410 ng
RT: 9.080 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

Tgt Ion:	82	Resp:	247961
Ion	Ratio	Lower	Upper
82	100		
128	40.5	30.7	46.1
54	55.9	49.6	74.4

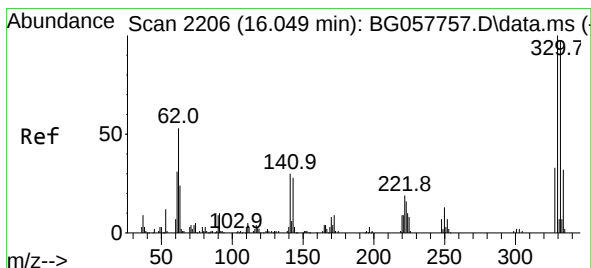
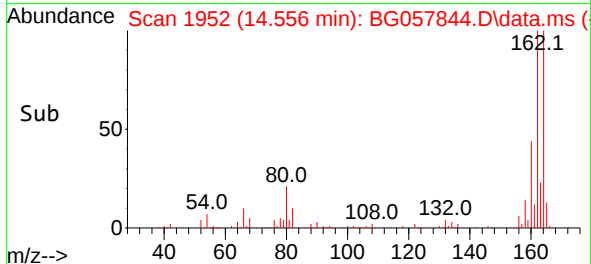
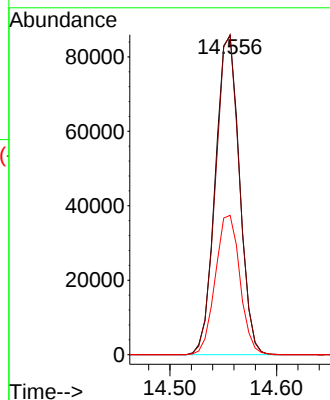
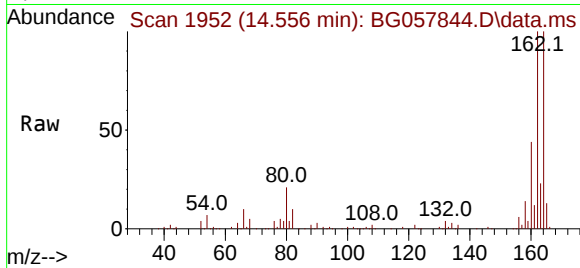




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

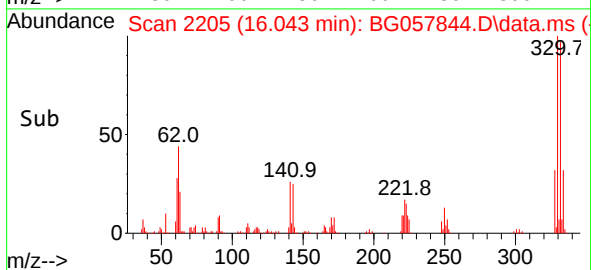
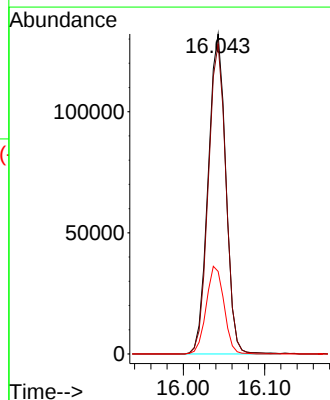
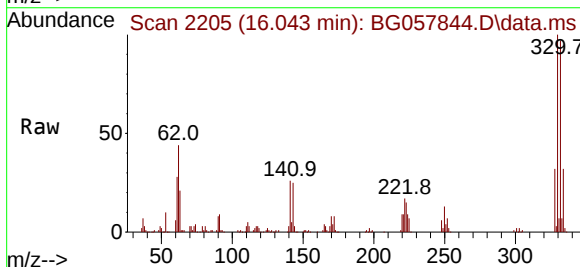
Instrument :
BNA_G
ClientSampleId :
WC-3

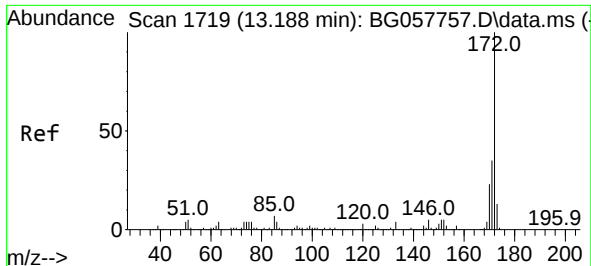
Tgt Ion:164 Resp: 134283
Ion Ratio Lower Upper
164 100
162 100.4 78.3 117.5
160 43.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 106.406 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

Tgt Ion:330 Resp: 199038
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 27.5 24.7 37.1

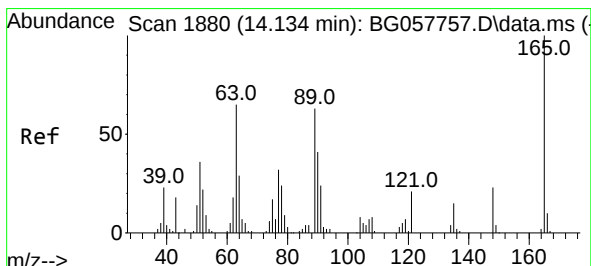
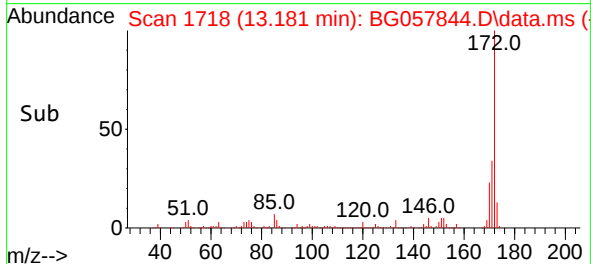
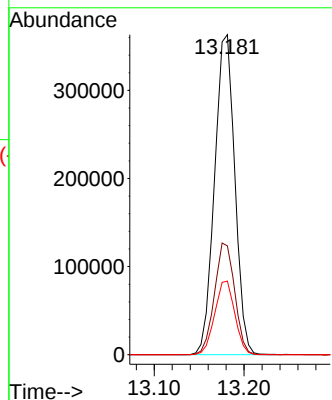
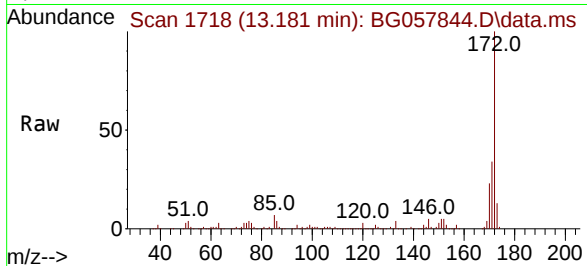




#45
2-Fluorobiphenyl
Concen: 64.199 ng
RT: 13.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

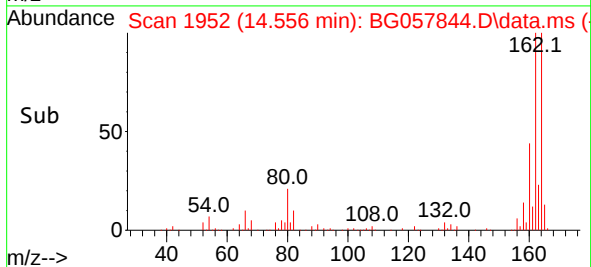
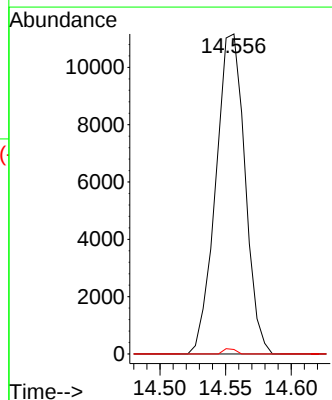
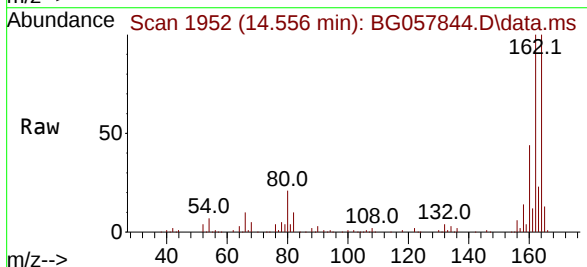
Instrument :
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ClientSampleId :
WC-3

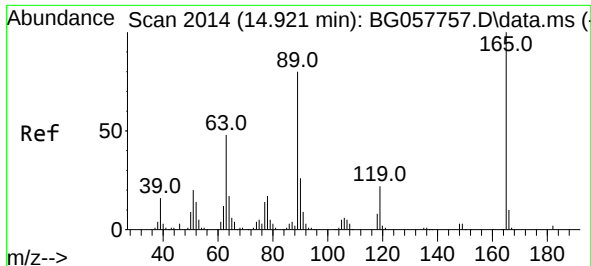
Tgt Ion:172 Resp: 568380
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.082 ng
RT: 14.556 min Scan# 1952
Delta R.T. 0.422 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

Tgt Ion:165 Resp: 17249
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 1.4 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.697 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.365 min

Lab File: BG057844.D

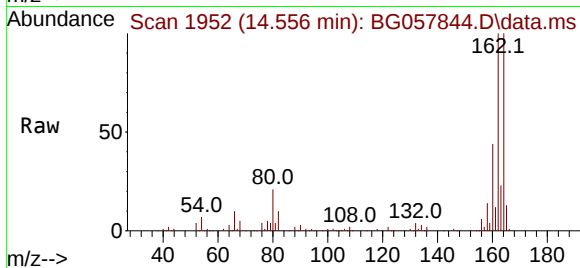
Acq: 23 Jun 2023 16:04

Instrument :

BNA_G

ClientSampleId :

WC-3



Tgt Ion:165 Resp: 17249

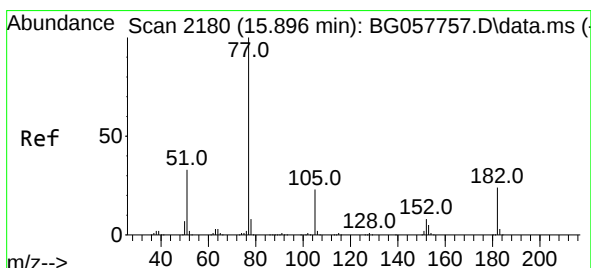
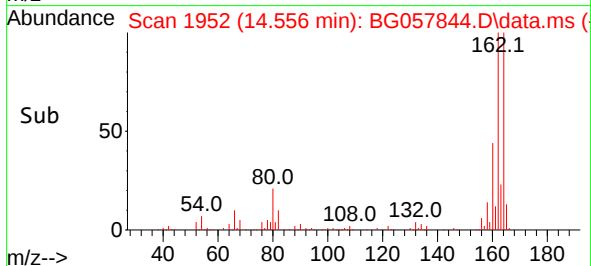
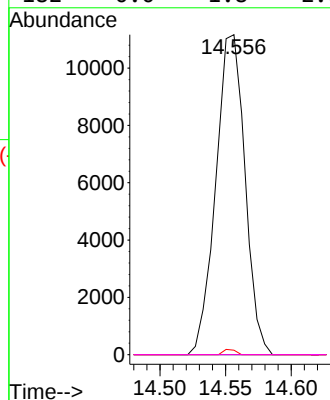
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 1.4 63.7 95.5#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 3.016 ng

RT: 15.908 min Scan# 2182

Delta R.T. 0.011 min

Lab File: BG057844.D

Acq: 23 Jun 2023 16:04

Tgt Ion: 77 Resp: 32639

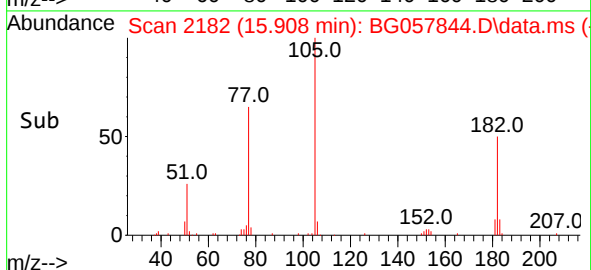
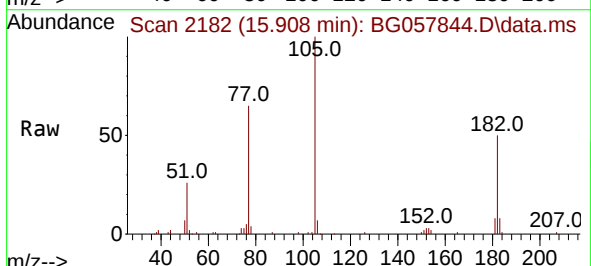
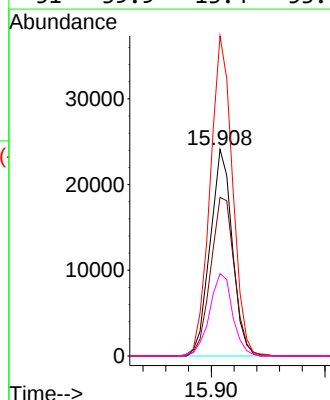
Ion Ratio Lower Upper

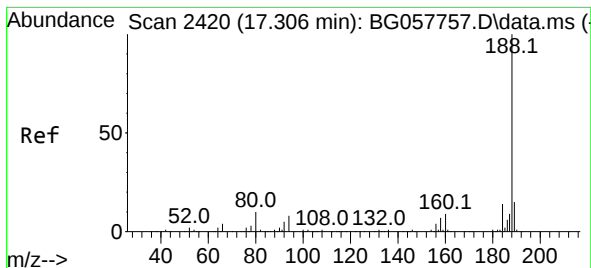
77 100

182 76.8 4.1 44.1#

105 154.9 3.3 43.3#

51 39.9 13.4 53.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.300 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG057844.D

Acq: 23 Jun 2023 16:04

Instrument :

BNA_G

ClientSampleId :

WC-3

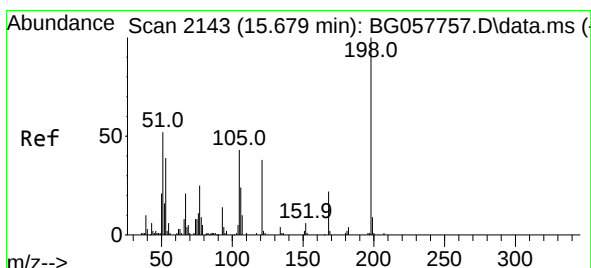
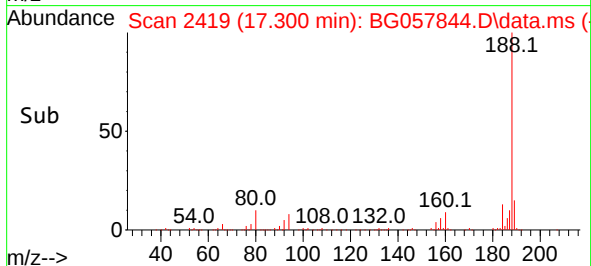
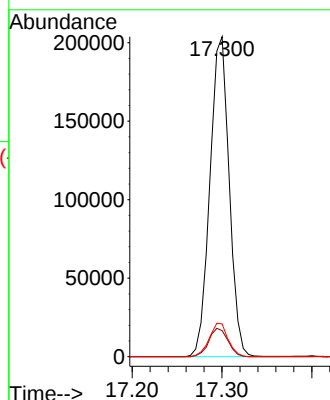
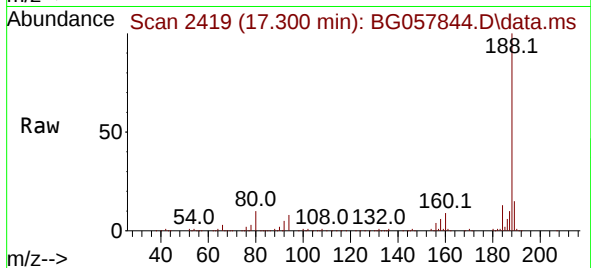
Tgt Ion:188 Resp: 303223

Ion Ratio Lower Upper

188 100

94 8.2 6.6 9.8

80 10.3 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.592 ng

RT: 16.037 min Scan# 2204

Delta R.T. 0.358 min

Lab File: BG057844.D

Acq: 23 Jun 2023 16:04

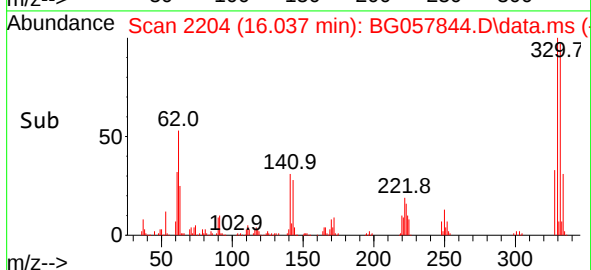
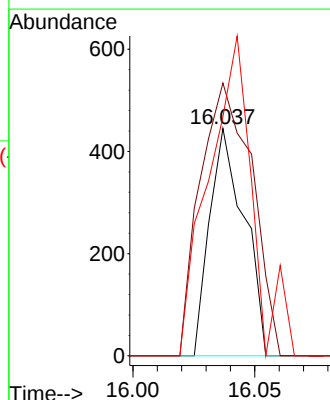
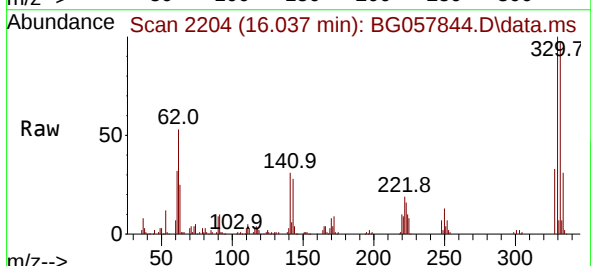
Tgt Ion:198 Resp: 439

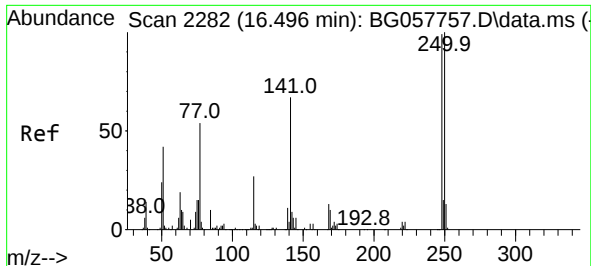
Ion Ratio Lower Upper

198 100

51 120.0 36.6 76.6#

105 105.2 24.3 64.3#

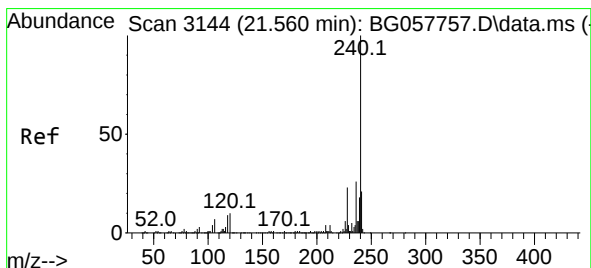
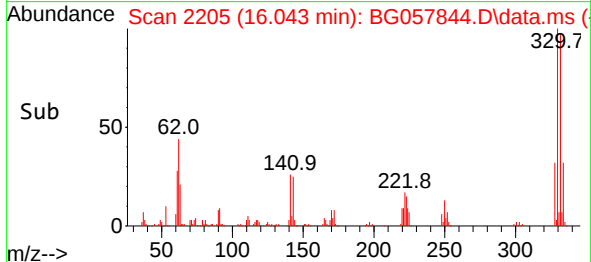
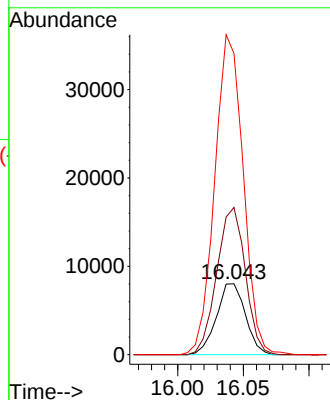
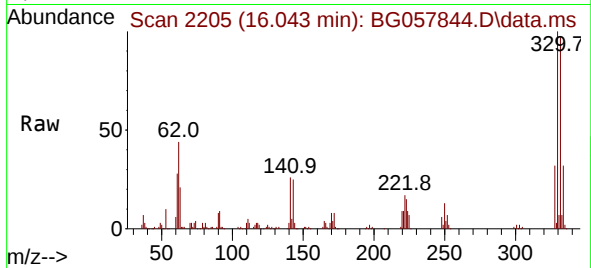




#67
4-Bromophenyl-phenylether
Concen: 3.829 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

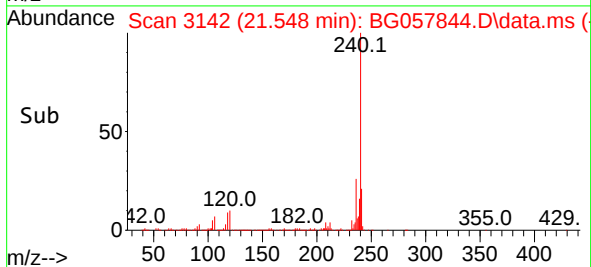
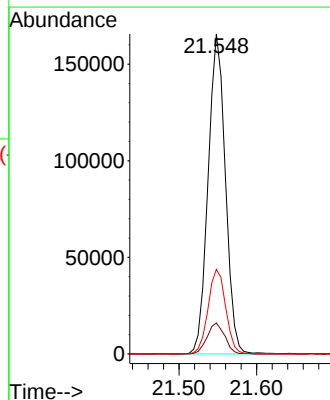
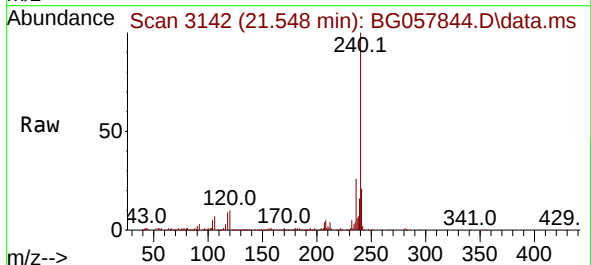
Instrument :
BNA_G
ClientSampleId :
WC-3

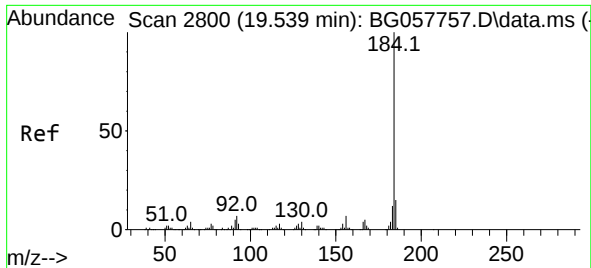
Tgt Ion:248 Resp: 12313
Ion Ratio Lower Upper
248 100
250 207.6 81.1 121.7#
141 424.9 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

Tgt Ion:240 Resp: 256317
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.5 20.6 30.8

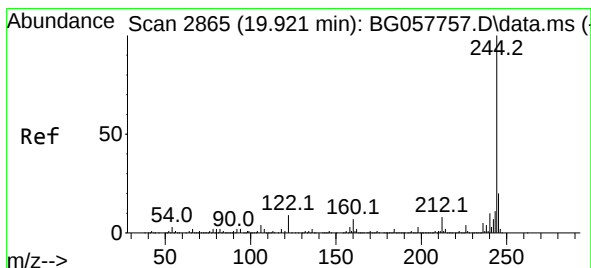
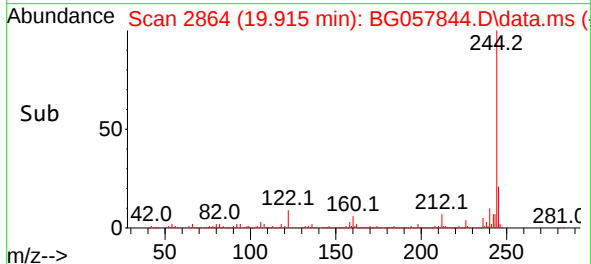
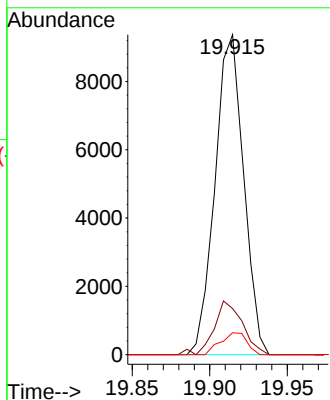
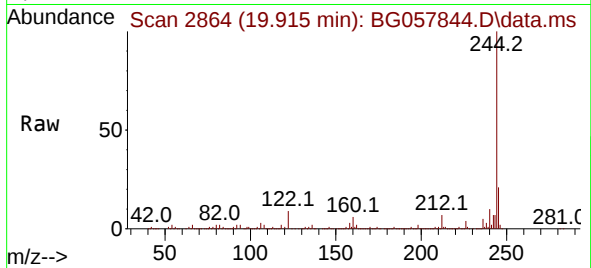




#77
Benzidine
Concen: 2.001 ng
RT: 19.915 min Scan# 2864
Delta R.T. 0.376 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

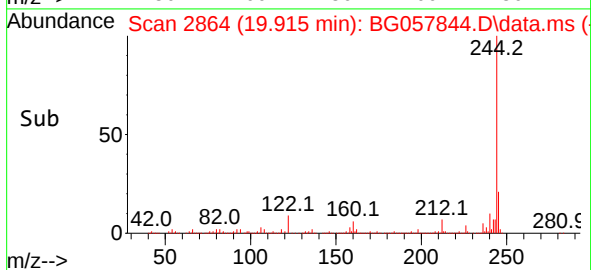
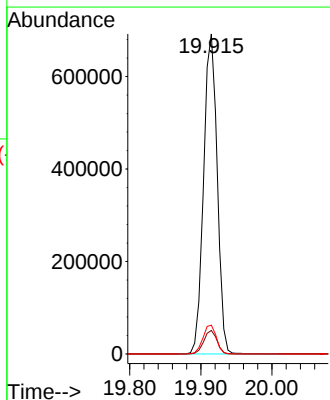
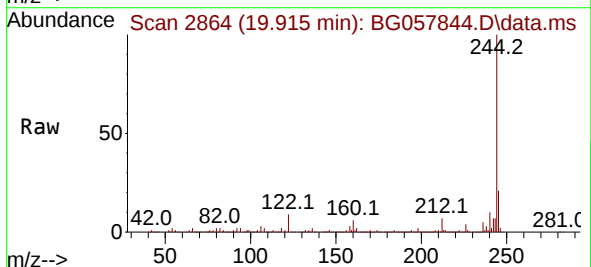
Instrument :
BNA_G
ClientSampleId :
WC-3

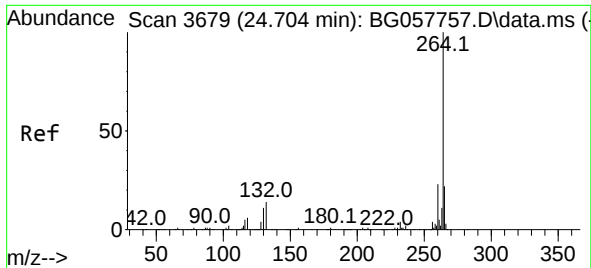
Tgt Ion:184 Resp: 12023
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 6.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 67.037 ng
RT: 19.915 min Scan# 2864
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

Tgt Ion:244 Resp: 921489
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 9.0 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.697 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG057844.D
Acq: 23 Jun 2023 16:04

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:264 Resp: 318214

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.5	27.7
265	21.3	17.4	26.2

