

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
 Data File : BG053825.D
 Acq On : 6 Jun 2022 11:42
 Operator : CG/JU
 Sample : PB145261BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145261BL

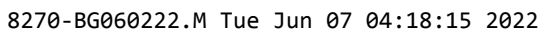
Quant Time: Jun 07 04:18:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

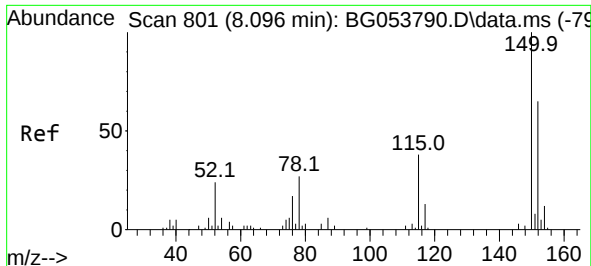
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	27004	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	107989	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	75718	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	189684	20.000	ng	0.00
76) Chrysene-d12	21.731	240	216403	20.000	ng	0.00
86) Perylene-d12	24.998	264	212796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	233686	158.913	ng	0.00
7) Phenol-d6	7.242	99	305378	153.304	ng	0.00
23) Nitrobenzene-d5	9.252	82	191305	116.333	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	140574	152.946	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	522144	103.163	ng	0.00
79) Terphenyl-d14	20.062	244	1091737	100.364	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.252	70	24584	17.425	ng	# 84
24) Nitrobenzene	9.246	77	555	3.256	ng	# 48
48) 2-Nitroaniline	13.341	65	783	5.697	ng	# 4
51) 2,6-Dinitrotoluene	14.710	165	10045	13.286	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	10045	11.129	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.202	198	260	5.919	ng	# 68
67) 4-Bromophenyl-phenylether	16.196	248	9118	4.424	ng	# 1
77) Benzidine	20.062	184	15274	2.886	ng	# 93

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

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QLast Update : Thu Jun 02 23:22:27 2022
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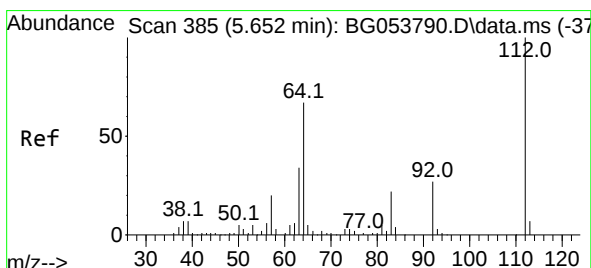
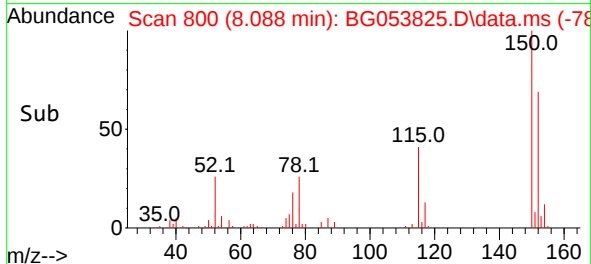
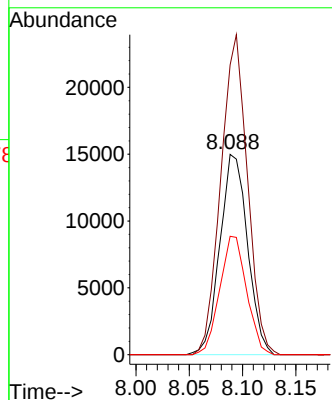
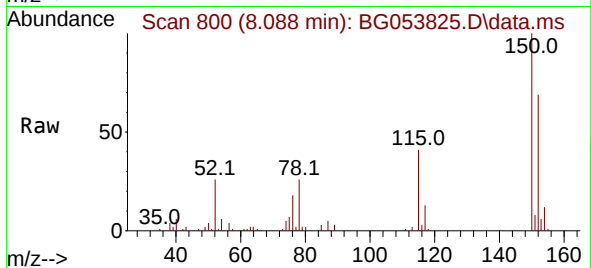




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

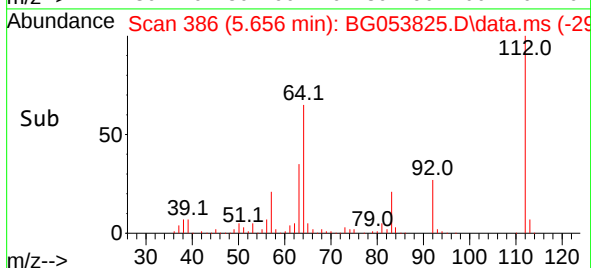
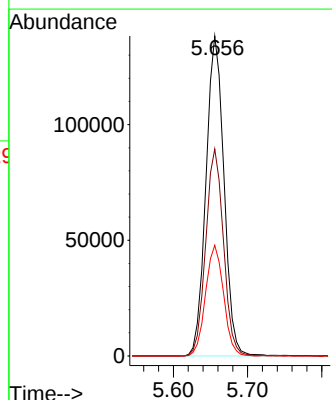
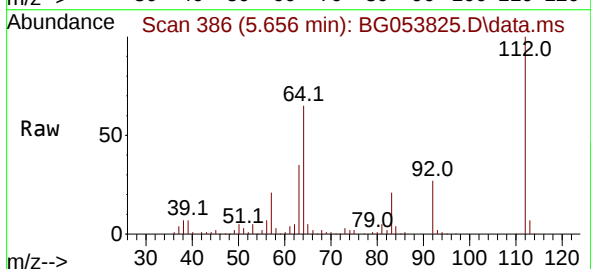
Instrument :
BNA_G
ClientSampleId :
PB145261BL

Tgt Ion:152 Resp: 27004
Ion Ratio Lower Upper
152 100
150 144.6 131.6 197.4
115 59.1 50.9 76.3



#5
2-Fluorophenol
Concen: 158.913 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

Tgt Ion:112 Resp: 233686
Ion Ratio Lower Upper
112 100
64 64.7 55.1 82.7
63 34.6 30.4 45.6

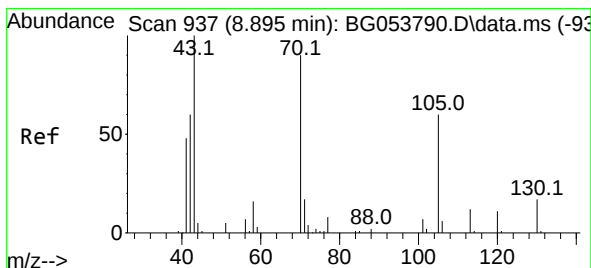
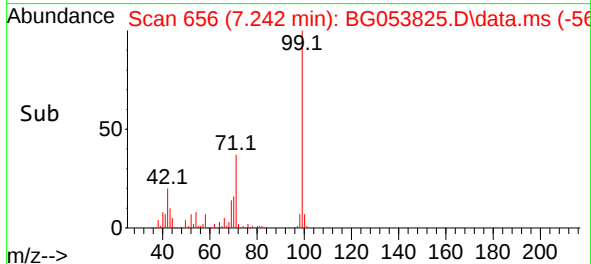
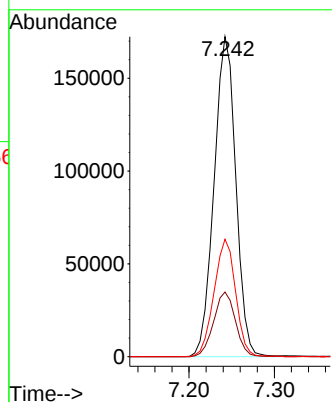
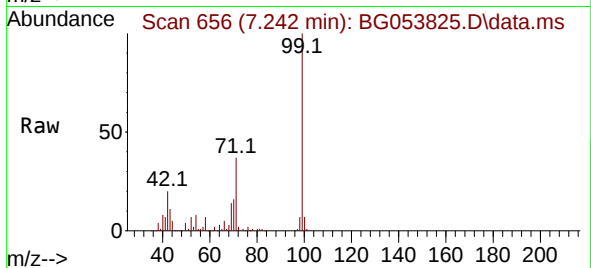




#7
Phenol-d6
Concen: 153.304 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

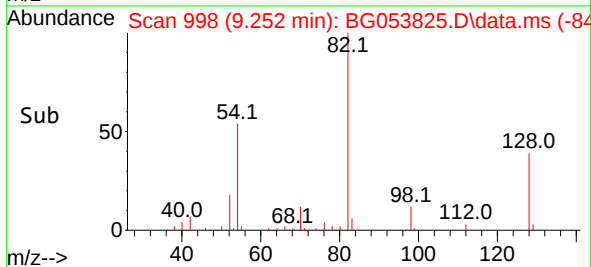
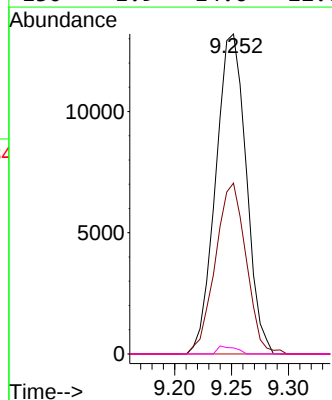
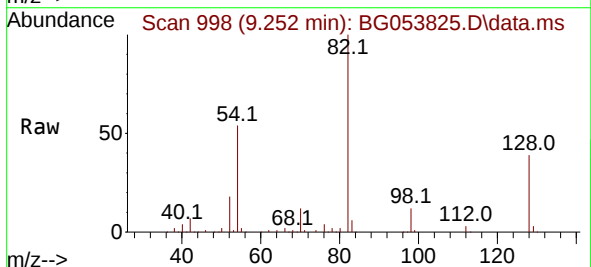
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BNA_G
ClientSampleId :
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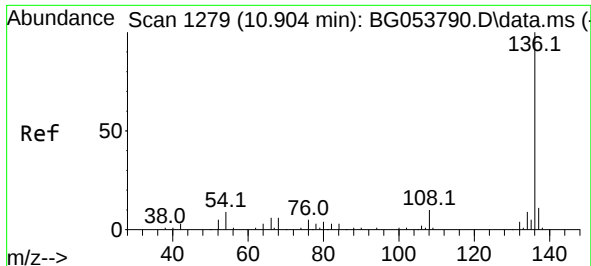
Tgt Ion: 99 Resp: 305378
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 36.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.425 ng
RT: 9.252 min Scan# 998
Delta R.T. 0.357 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

Tgt Ion: 70 Resp: 24584
Ion Ratio Lower Upper
70 100
42 53.4 47.3 70.9
101 0.0 7.0 10.4#
130 1.9 14.6 22.0#

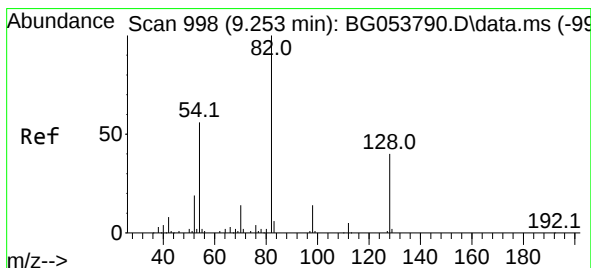
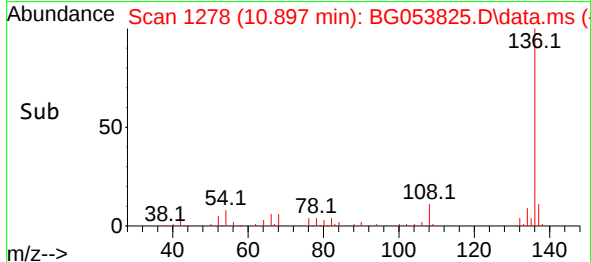
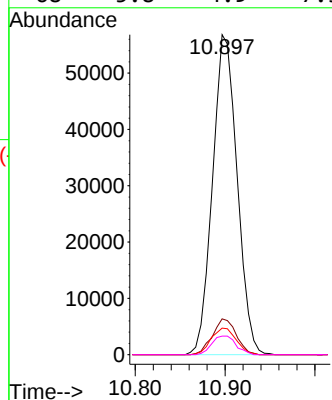
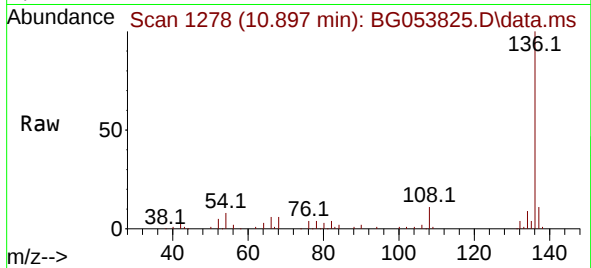




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

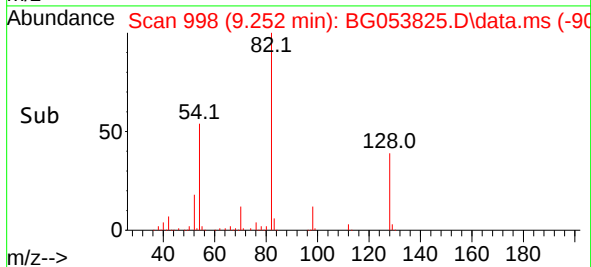
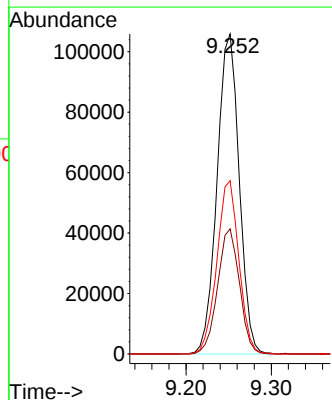
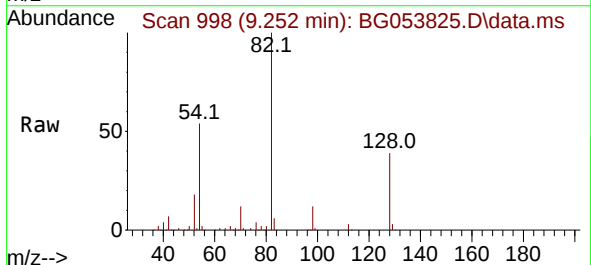
Instrument :
BNA_G
ClientSampleId :
PB145261BL

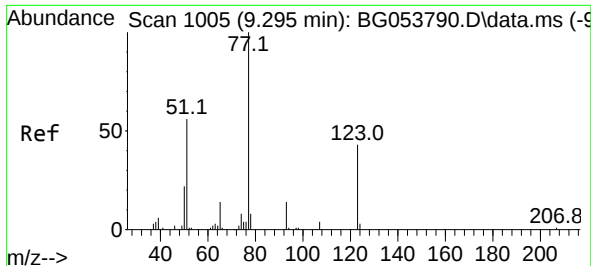
Tgt Ion:	136	Resp:	107989
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	8.3	7.4	11.2
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 116.333 ng
RT: 9.252 min Scan# 998
Delta R.T. -0.001 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

Tgt Ion:	82	Resp:	191305
Ion Ratio	Lower	Upper	
82	100		
128	39.1	27.9	41.9
54	54.2	41.2	61.8

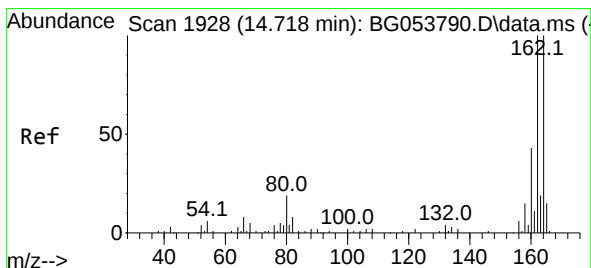
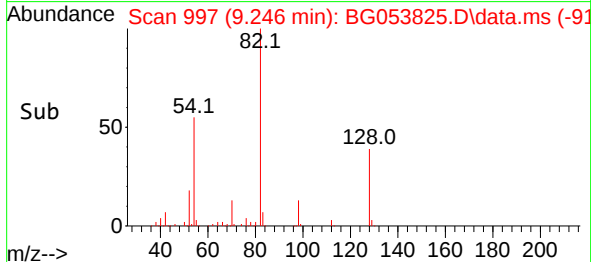
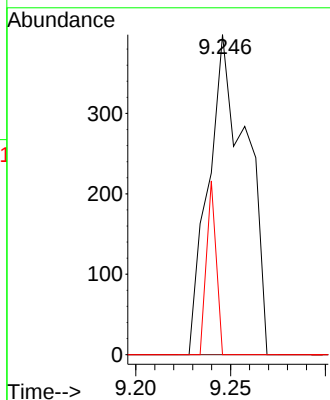
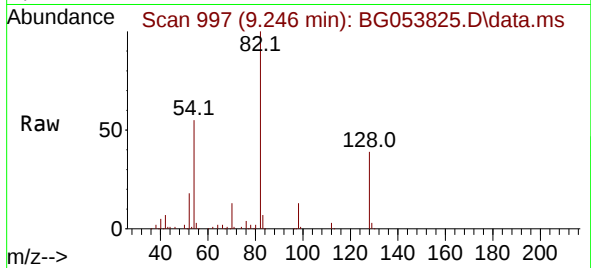




#24
Nitrobenzene
Concen: 3.256 ng
RT: 9.246 min Scan# 91
Delta R.T. -0.049 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

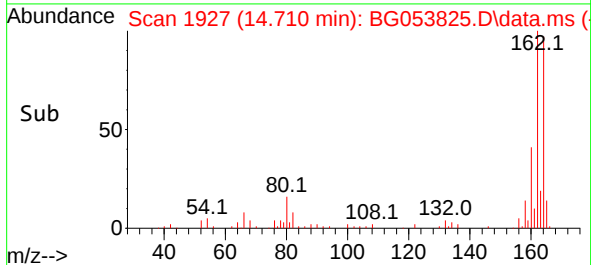
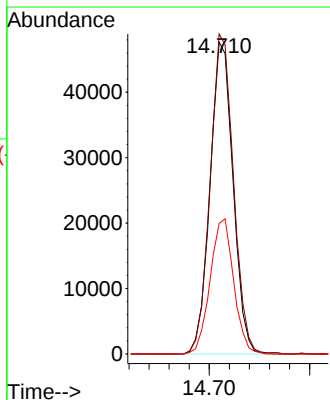
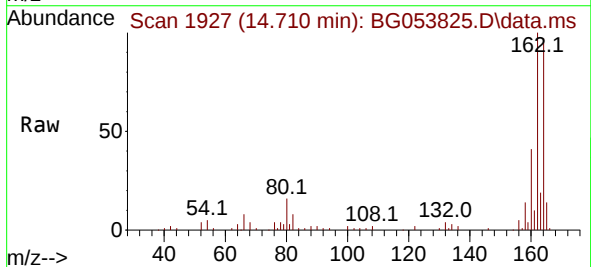
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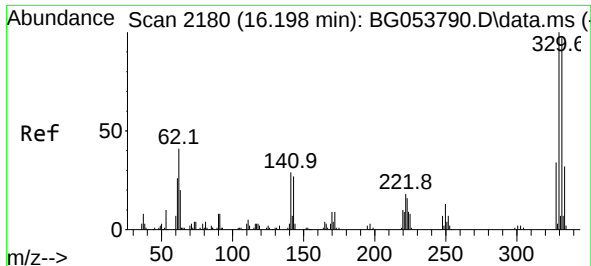
Tgt Ion: 77 Resp: 555
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

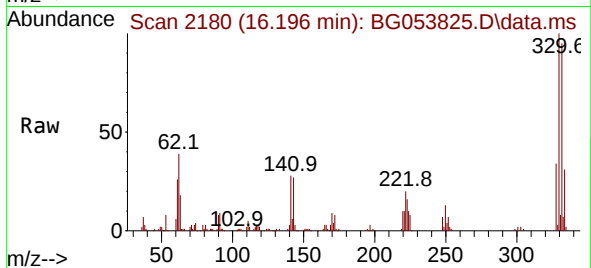
Tgt Ion:164 Resp: 75718
Ion Ratio Lower Upper
164 100
162 102.7 82.3 123.5
160 41.8 34.2 51.2



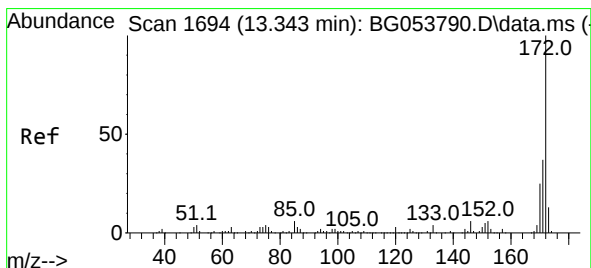
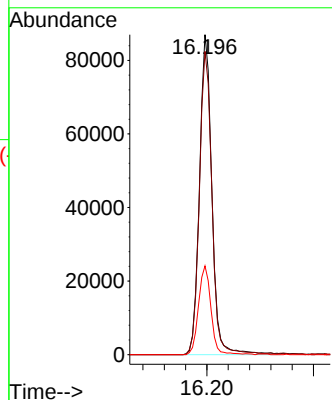
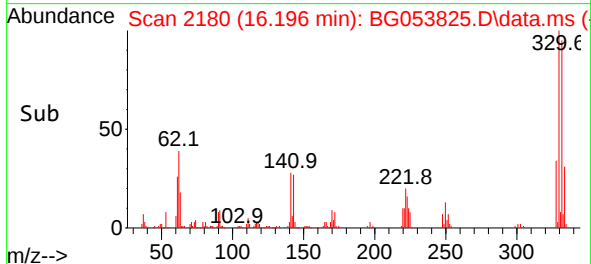


#42
2,4,6-Tribromophenol
Concen: 152.946 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

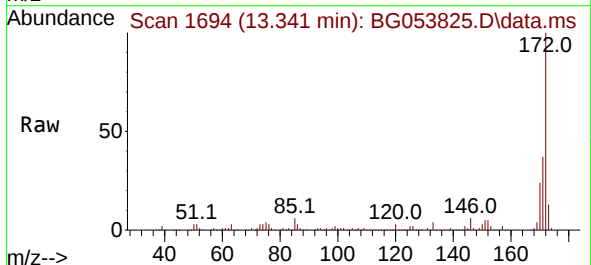
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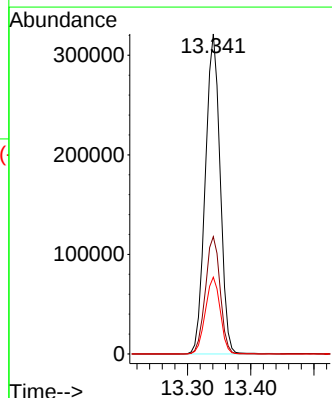
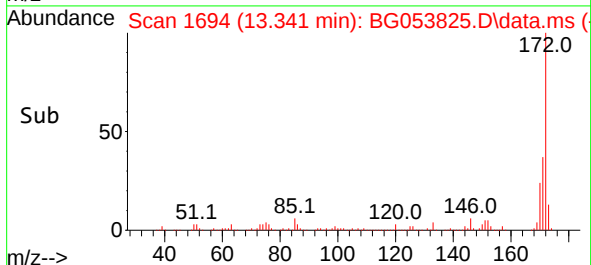
Tgt Ion:330 Resp: 140574
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 27.8 27.1 40.7

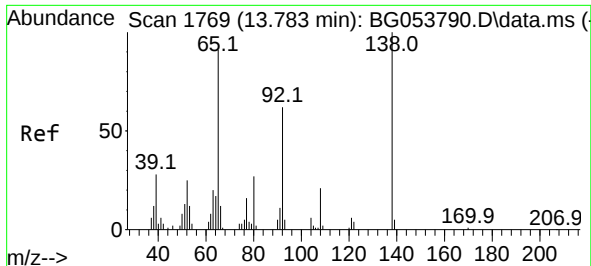


#45
2-Fluorobiphenyl
Concen: 103.163 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42



Tgt Ion:172 Resp: 522144
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.0 18.9 28.3

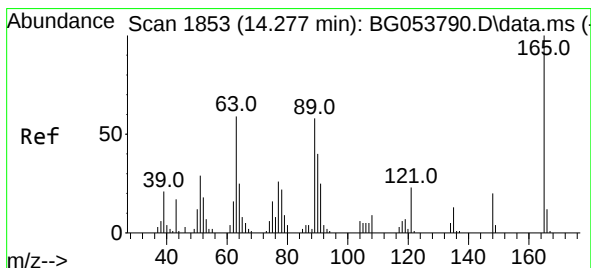
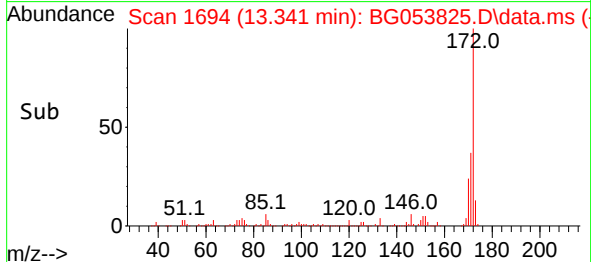
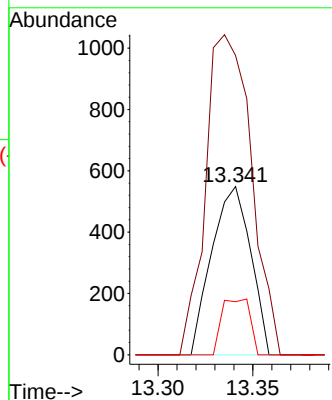
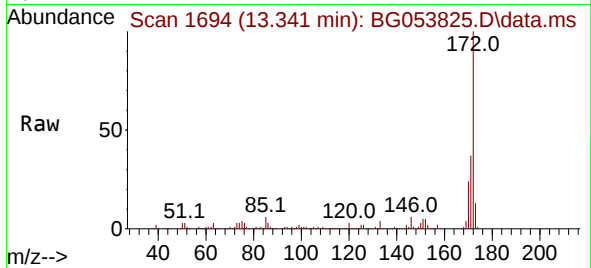




#48
2-Nitroaniline
Concen: 5.697 ng
RT: 13.341 min Scan# 1
Delta R.T. -0.442 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

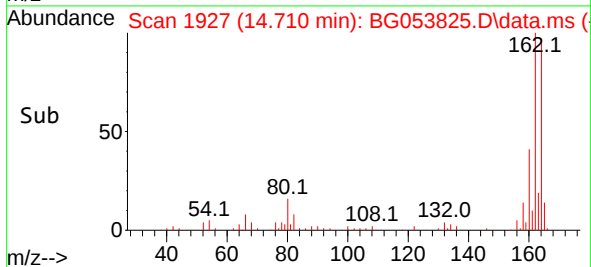
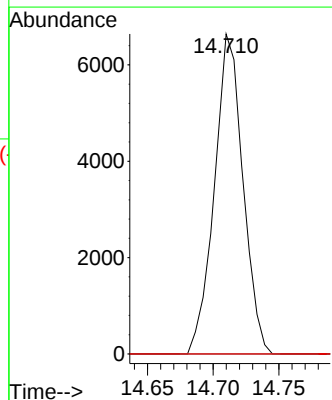
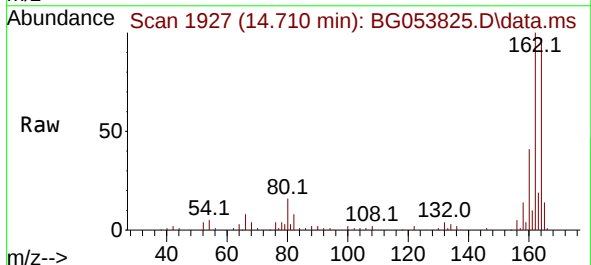
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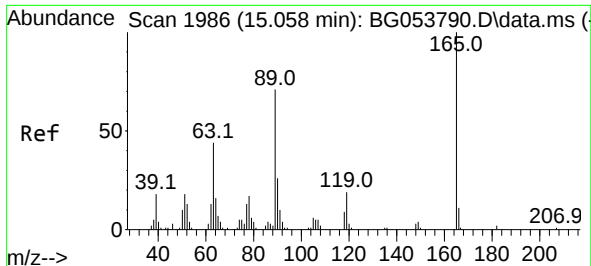
Tgt Ion: 65 Resp: 783
Ion Ratio Lower Upper
65 100
92 177.8 51.5 77.3#
138 31.5 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.286 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.433 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

Tgt Ion:165 Resp: 10045
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 11.129 ng

RT: 14.710 min Scan# 1986

Delta R.T. -0.348 min

Lab File: BG053825.D

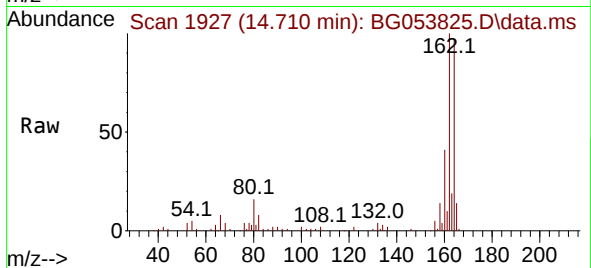
Acq: 6 Jun 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB145261BL



Tgt Ion:165 Resp: 10045

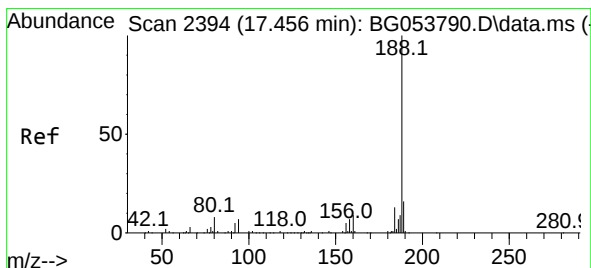
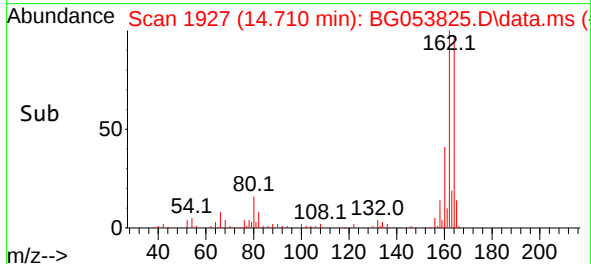
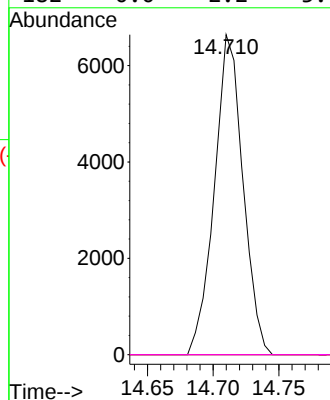
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.454 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BG053825.D

Acq: 6 Jun 2022 11:42

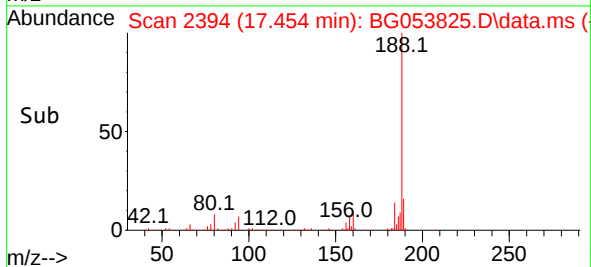
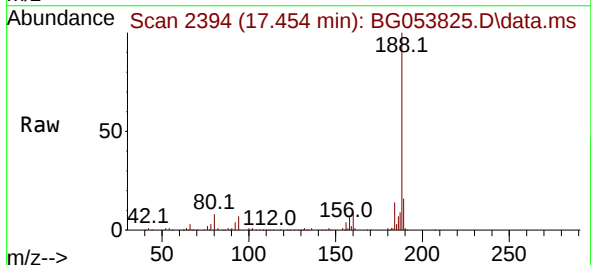
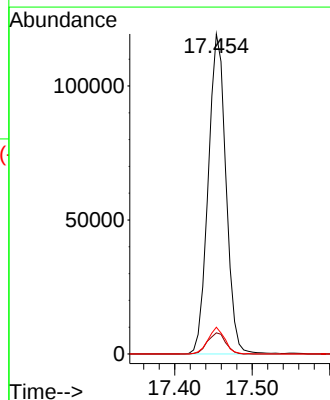
Tgt Ion:188 Resp: 189684

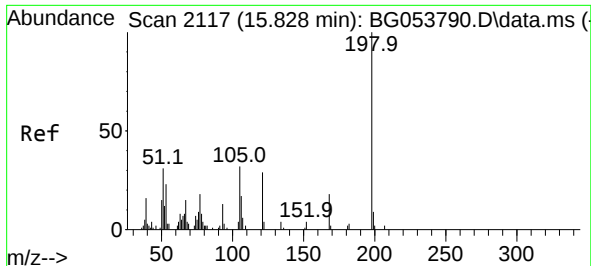
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 8.3 6.8 10.2

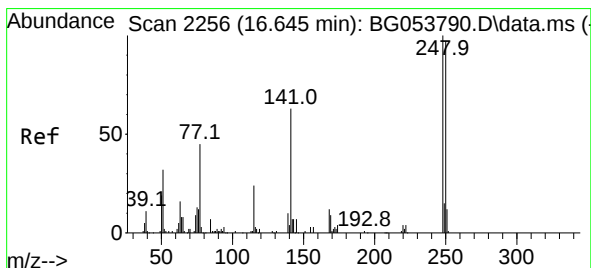
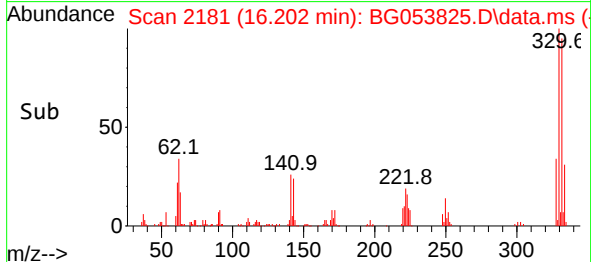
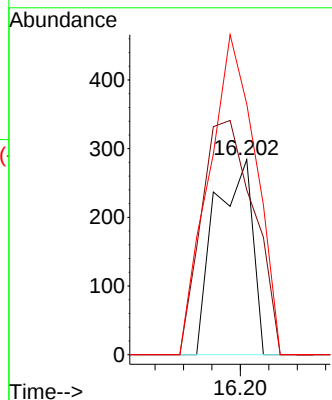
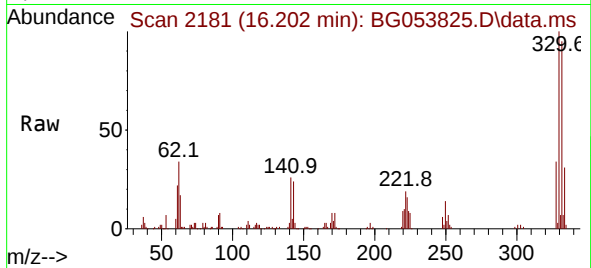




#65
4,6-Dinitro-2-methylphenol
Concen: 5.919 ng
RT: 16.202 min Scan# 2117
Delta R.T. 0.374 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

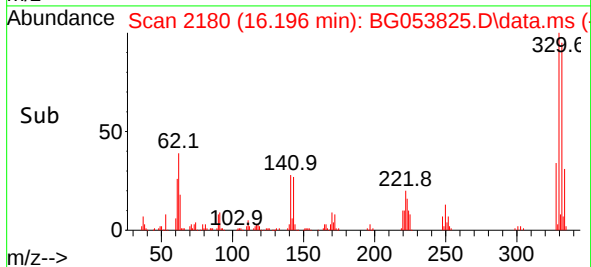
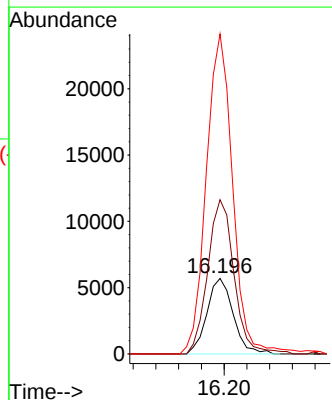
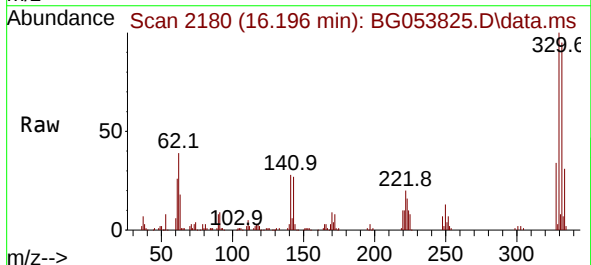
Instrument :
BNA_G
ClientSampleId :
PB145261BL

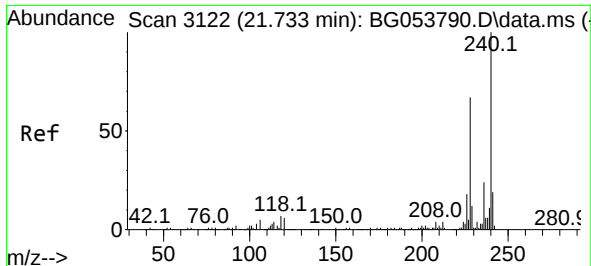
Tgt Ion:198 Resp: 260
Ion Ratio Lower Upper
198 100
51 18.7 28.1 68.1#
105 28.4 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 4.424 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.448 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

Tgt Ion:248 Resp: 9118
Ion Ratio Lower Upper
248 100
250 151.9 75.2 112.8#
141 315.1 50.0 75.0#

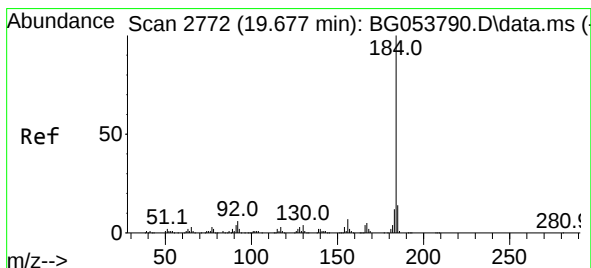
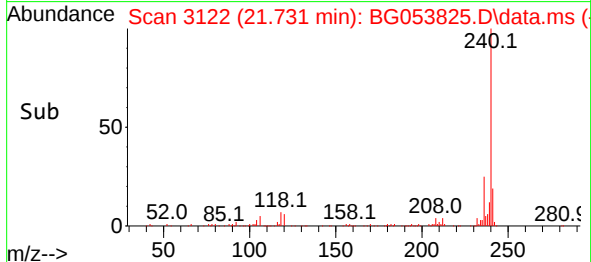
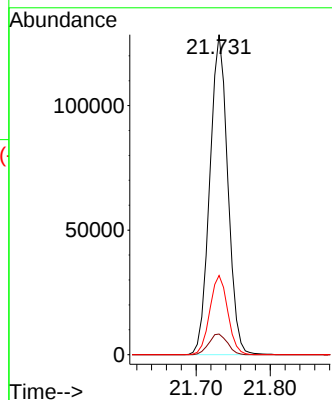
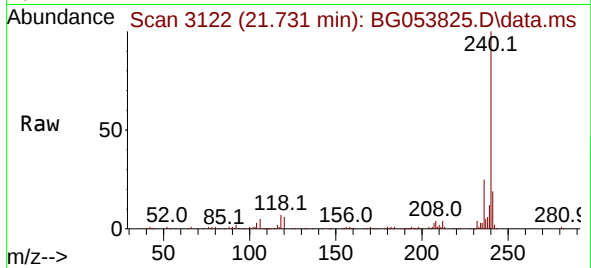




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

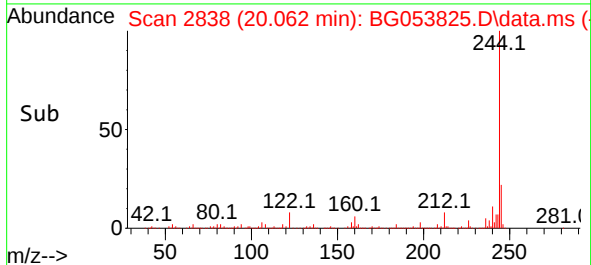
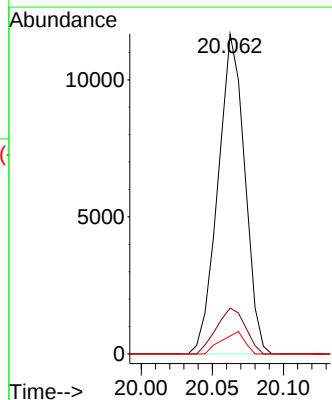
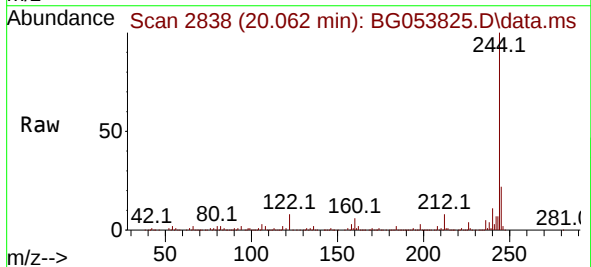
Instrument :
BNA_G
ClientSampleId :
PB145261BL

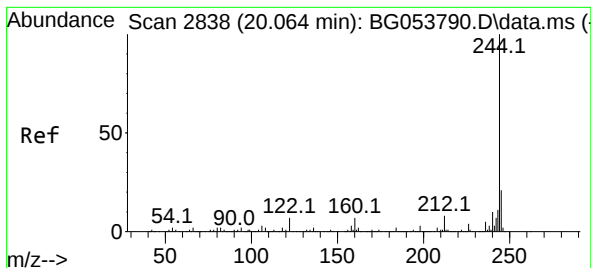
Tgt Ion:240 Resp: 216403
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 24.8 20.2 30.4



#77
Benzidine
Concen: 2.886 ng
RT: 20.062 min Scan# 2838
Delta R.T. 0.386 min
Lab File: BG053825.D
Acq: 6 Jun 2022 11:42

Tgt Ion:184 Resp: 15274
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 5.6 8.9 13.3#





#79

Terphenyl-d14

Concen: 100.364 ng

RT: 20.062 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053825.D

Acq: 6 Jun 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB145261BL

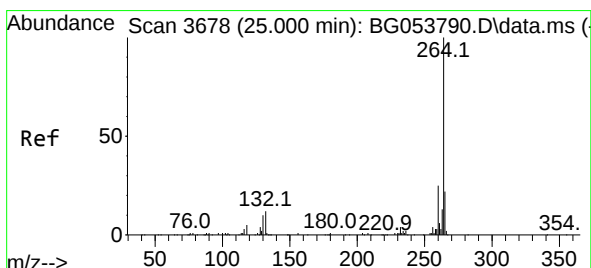
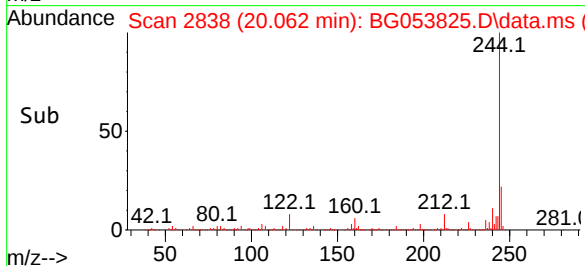
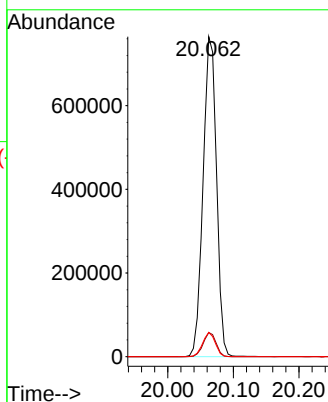
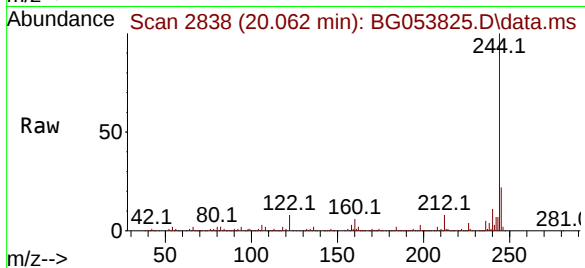
Tgt Ion:244 Resp: 1091737

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 7.6 5.0 7.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3678

Delta R.T. -0.002 min

Lab File: BG053825.D

Acq: 6 Jun 2022 11:42

Tgt Ion:264 Resp: 212796

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 20.1 17.4 26.2

