

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054225.D
 Acq On : 7 Jul 2022 14:48
 Operator : CG/JU
 Sample : N3595-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220493-FIELD-BLANK

Quant Time: Jul 07 17:10:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

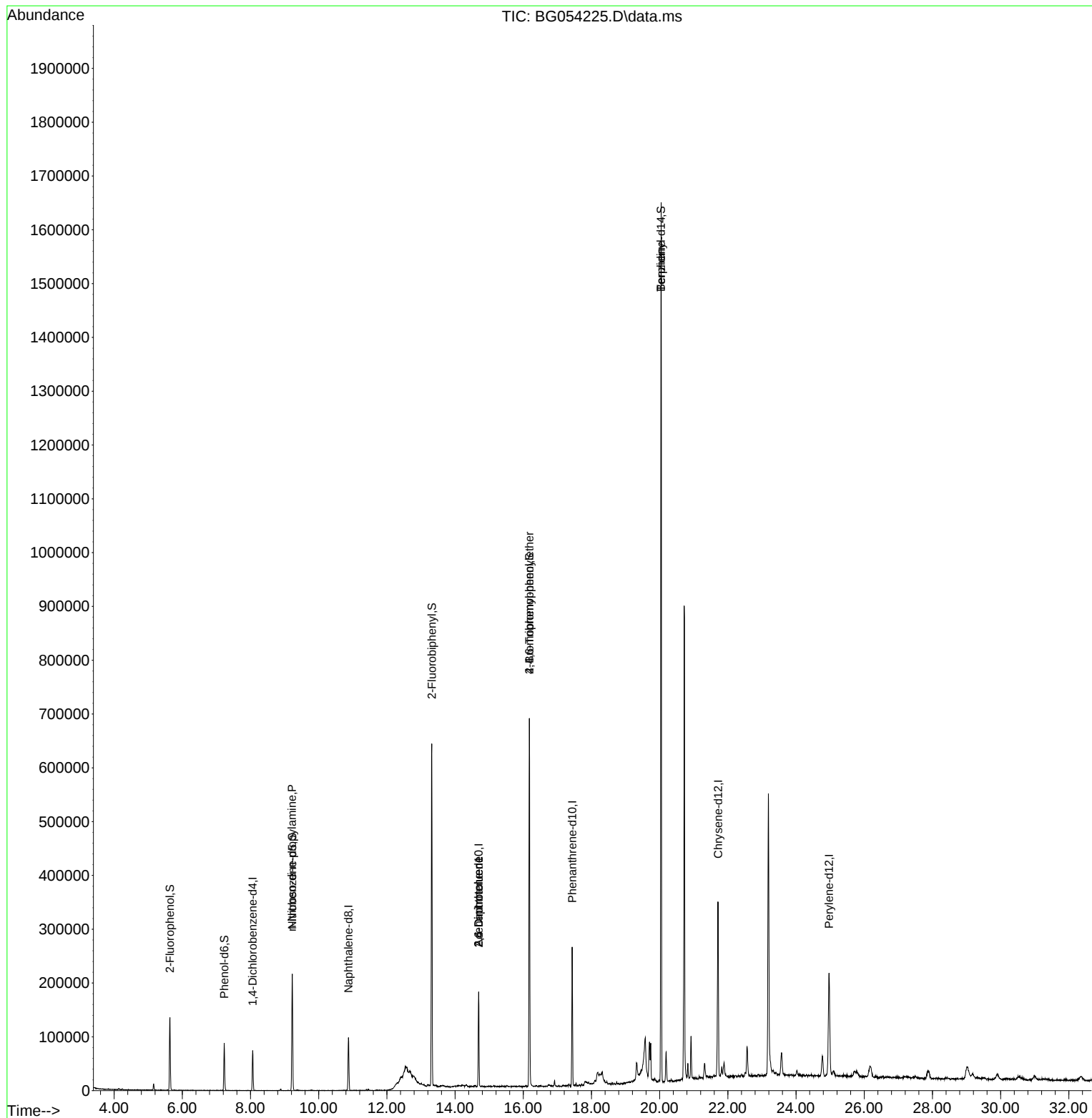
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	22623	20.000	ng	0.00
21) Naphthalene-d8	10.872	136	89268	20.000	ng	# 0.00
39) Acenaphthene-d10	14.692	164	65767	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	178732	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	215857	20.000	ng	0.00
86) Perylene-d12	24.968	264	226549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	65106	55.022	ng	0.00
7) Phenol-d6	7.230	99	53635	33.414	ng	0.00
23) Nitrobenzene-d5	9.227	82	140803	88.639	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	172840	163.571	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	369486	81.695	ng	0.00
79) Terphenyl-d14	20.044	244	949130	88.560	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.221	70	18535	17.187	ng	# 78
51) 2,6-Dinitrotoluene	14.692	165	9086	8.979	ng	# 16
57) 2,4-Dinitrotoluene	14.692	165	9086	6.357	ng	# 21
67) 4-Bromophenyl-phenylether	16.178	248	10999	4.927	ng	# 1
77) Benzidine	20.044	184	13151	2.942	ng	# 95

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

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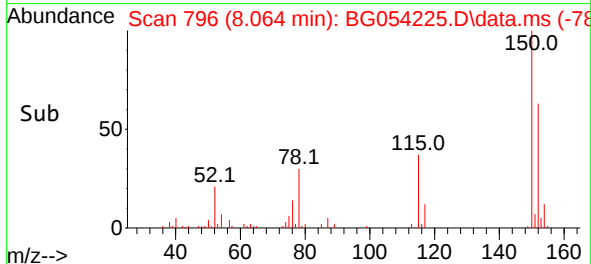
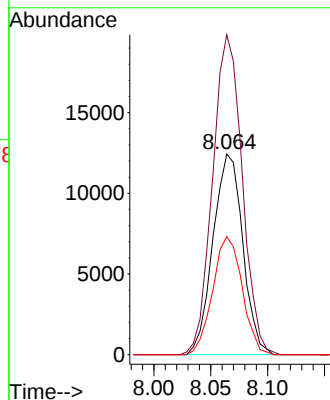
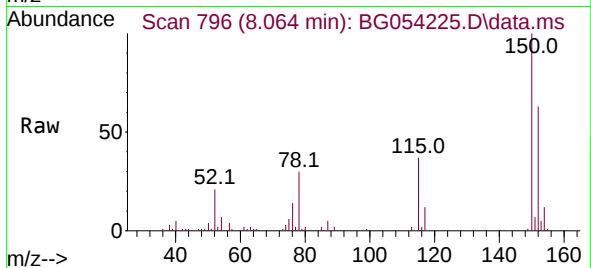




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 796
Delta R.T. -0.006 min
Lab File: BG054225.D
Acq: 7 Jul 2022 14:48

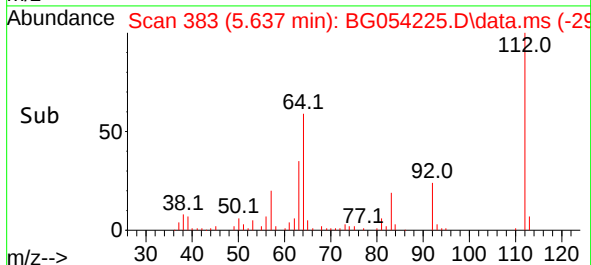
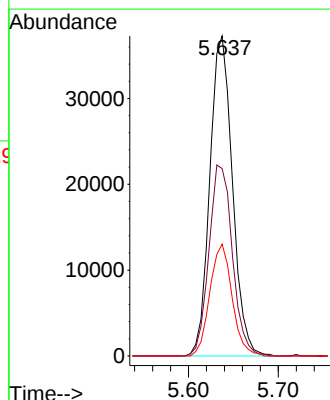
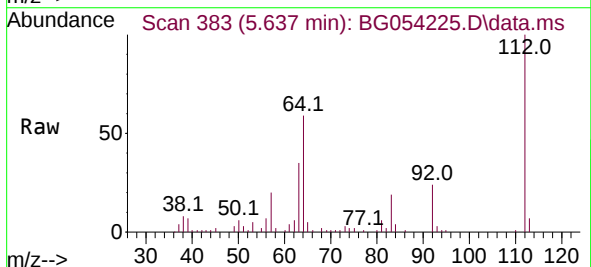
Instrument :
BNA_G
ClientSampleId :
20220493-FIELD-BLANK

Tgt Ion:152 Resp: 22623
Ion Ratio Lower Upper
152 100
150 159.4 131.6 197.4
115 58.8 50.9 76.3



#5
2-Fluorophenol
Concen: 55.022 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.000 min
Lab File: BG054225.D
Acq: 7 Jul 2022 14:48

Tgt Ion:112 Resp: 65106
Ion Ratio Lower Upper
112 100
64 58.6 55.1 82.7
63 34.9 30.4 45.6

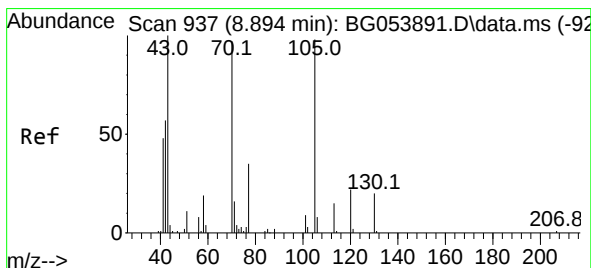
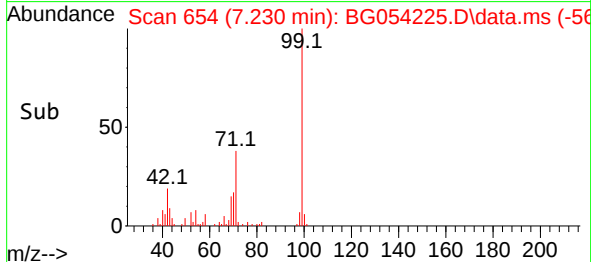
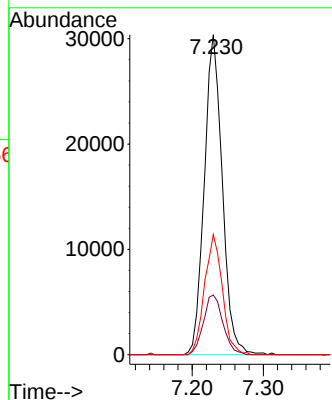
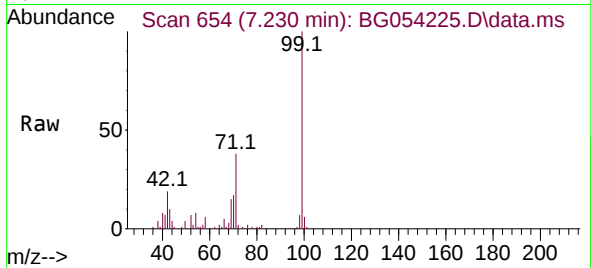




#7
Phenol-d6
Concen: 33.414 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054225.D
Acq: 7 Jul 2022 14:48

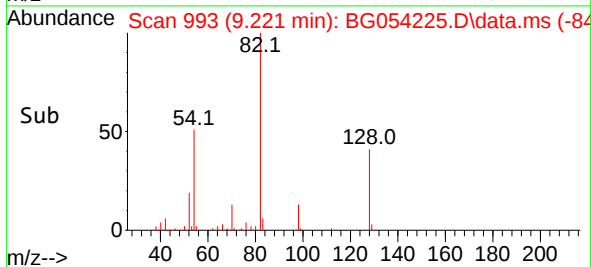
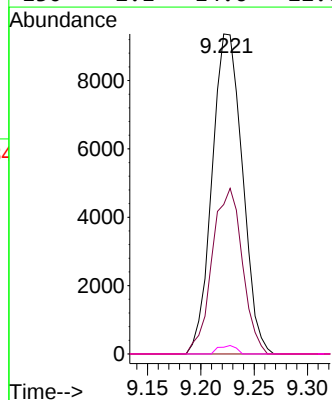
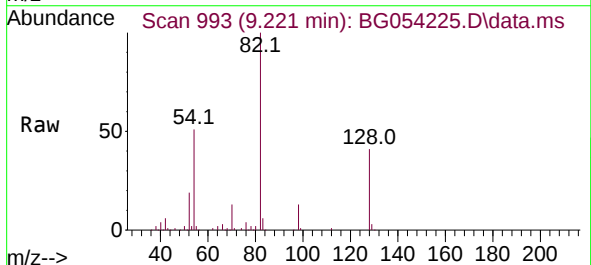
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BNA_G
ClientSampleId :
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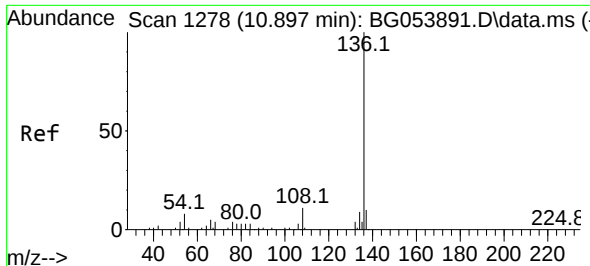
Tgt Ion: 99 Resp: 53635
Ion Ratio Lower Upper
99 100
42 18.7 17.0 25.6
71 37.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.187 ng
RT: 9.221 min Scan# 993
Delta R.T. 0.346 min
Lab File: BG054225.D
Acq: 7 Jul 2022 14:48

Tgt Ion: 70 Resp: 18535
Ion Ratio Lower Upper
70 100
42 46.7 47.3 70.9#
101 0.0 7.0 10.4#
130 2.1 14.6 22.0#

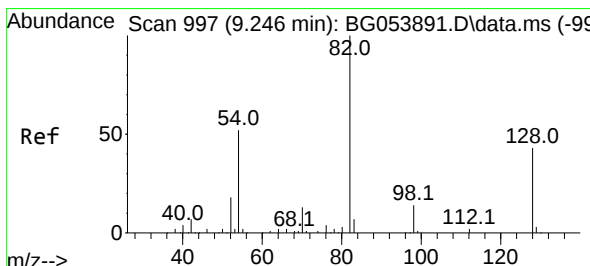
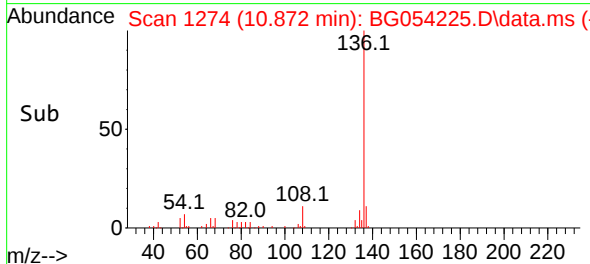
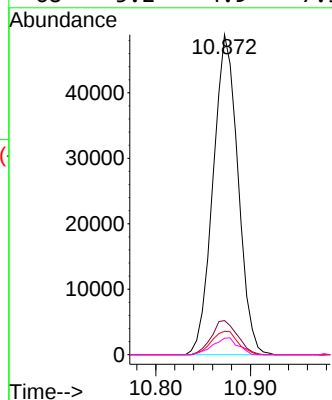
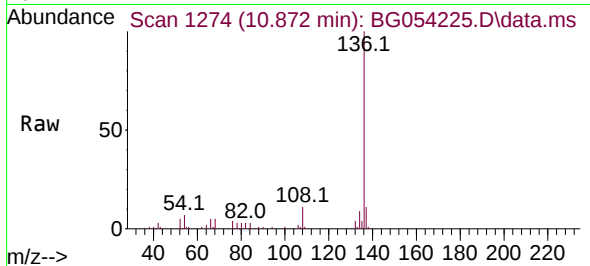




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.872 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054225.D
Acq: 7 Jul 2022 14:48

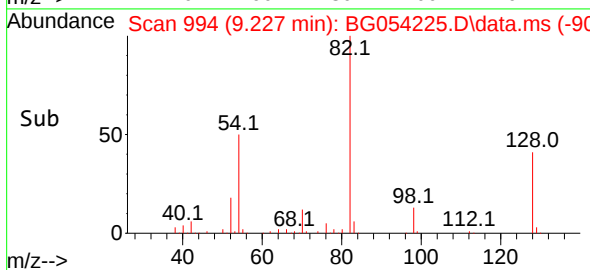
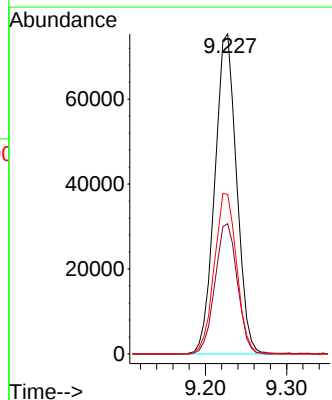
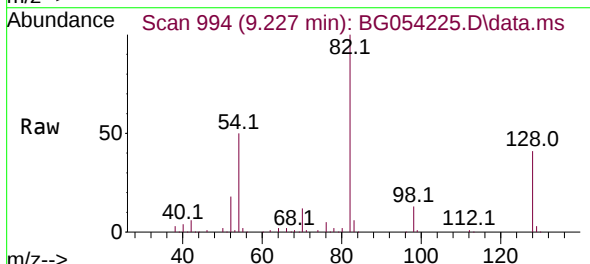
Instrument :
BNA_G
ClientSampleId :
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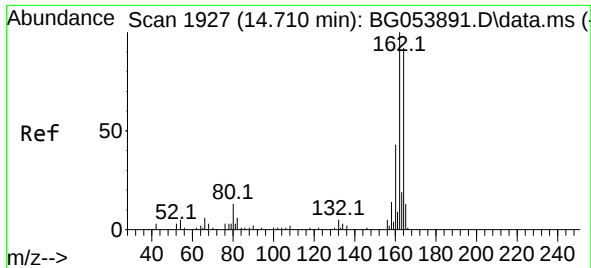
Tgt Ion:	136	Resp:	89268
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	7.3	7.4	11.2#
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 88.639 ng
RT: 9.227 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054225.D
Acq: 7 Jul 2022 14:48

Tgt Ion:	82	Resp:	140803
Ion Ratio	Lower	Upper	
82	100		
128	40.7	27.9	41.9
54	49.9	41.2	61.8

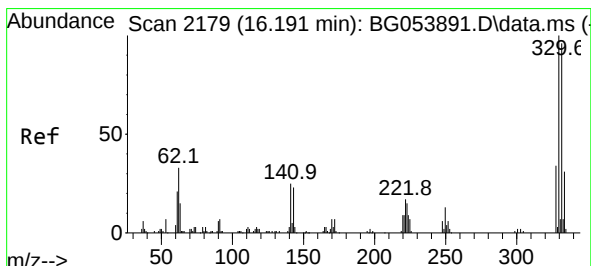
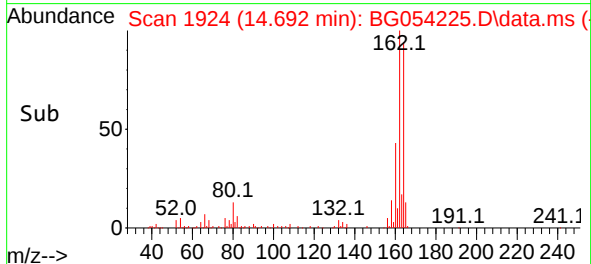
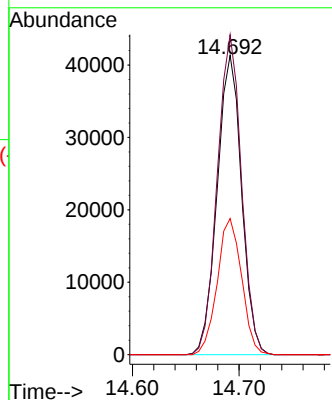
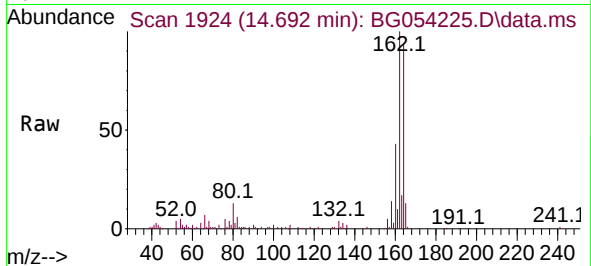




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054225.D
Acq: 7 Jul 2022 14:48

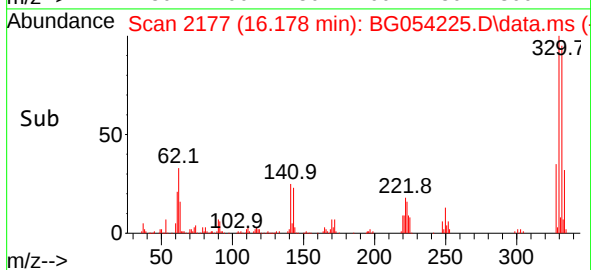
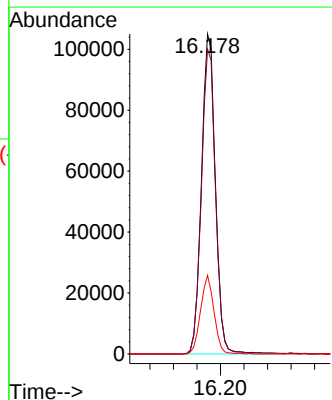
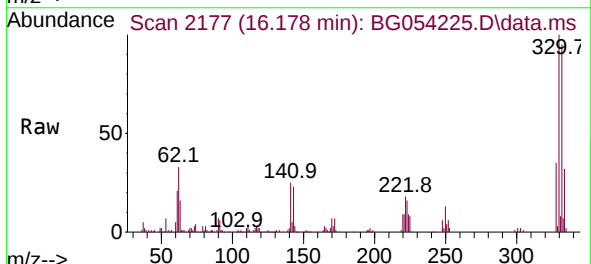
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ClientSampleId :
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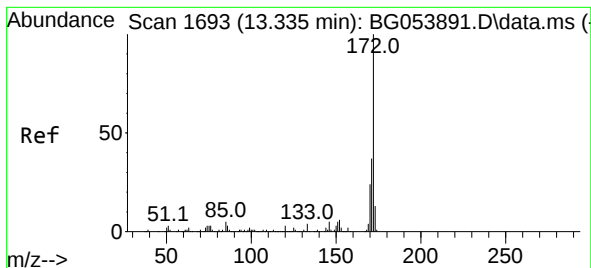
Tgt Ion:164 Resp: 65767
Ion Ratio Lower Upper
164 100
162 106.9 82.3 123.5
160 45.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 163.571 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054225.D
Acq: 7 Jul 2022 14:48

Tgt Ion:330 Resp: 172840
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 23.6 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 81.695 ng

RT: 13.317 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054225.D

Acq: 7 Jul 2022 14:48

Instrument :

BNA_G

ClientSampleId :

20220493-FIELD-BLANK

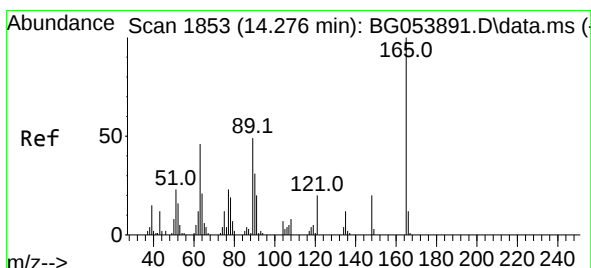
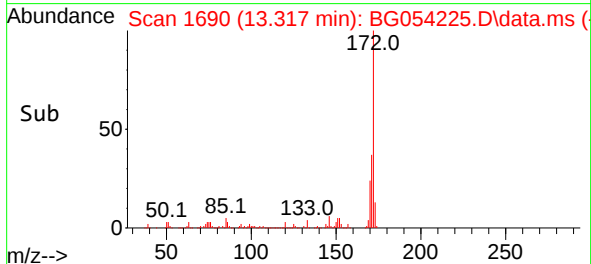
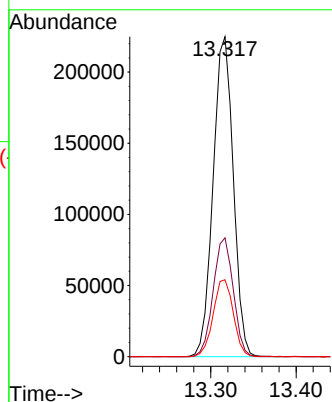
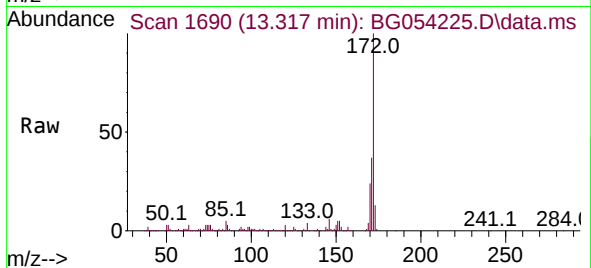
Tgt Ion:172 Resp: 369486

Ion Ratio Lower Upper

172 100

171 37.1 28.5 42.7

170 24.0 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.979 ng

RT: 14.692 min Scan# 1924

Delta R.T. 0.428 min

Lab File: BG054225.D

Acq: 7 Jul 2022 14:48

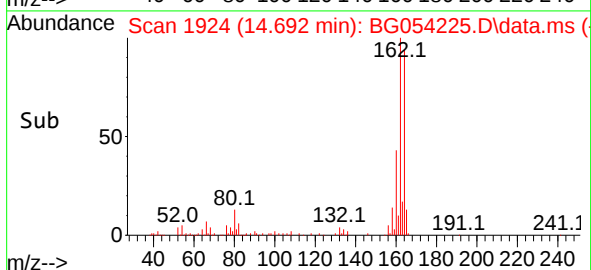
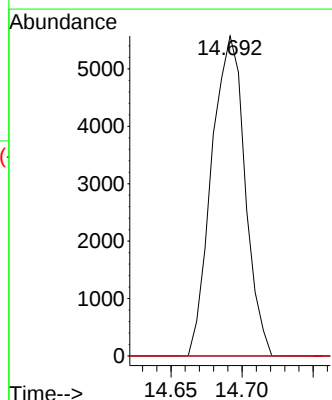
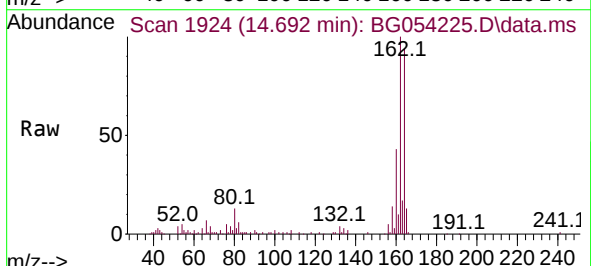
Tgt Ion:165 Resp: 9086

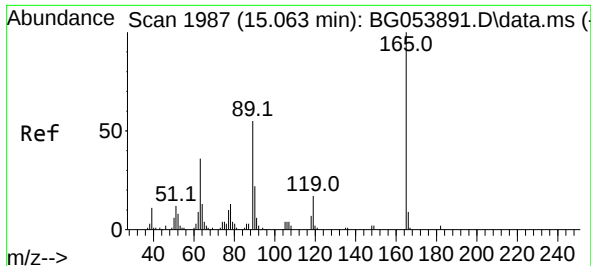
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

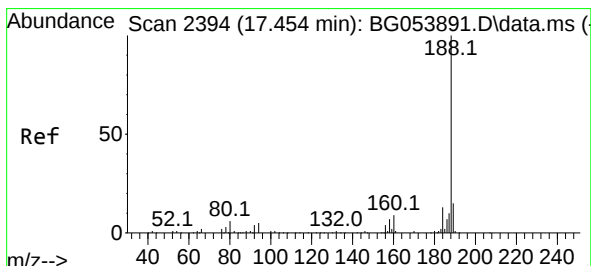
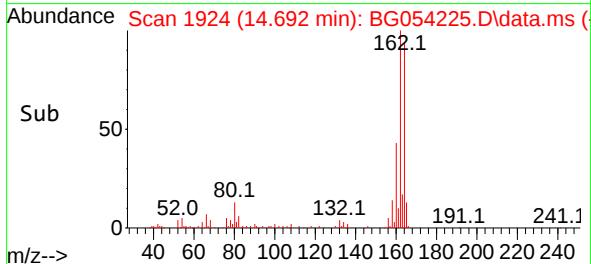
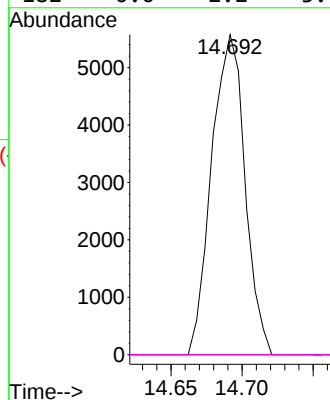
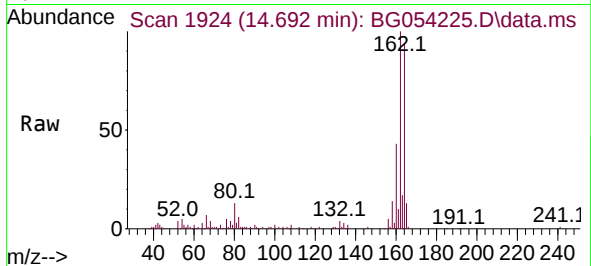




#57
2,4-Dinitrotoluene
Concen: 6.357 ng
RT: 14.692 min Scan# 1987
Delta R.T. -0.359 min
Lab File: BG054225.D
Acq: 7 Jul 2022 14:48

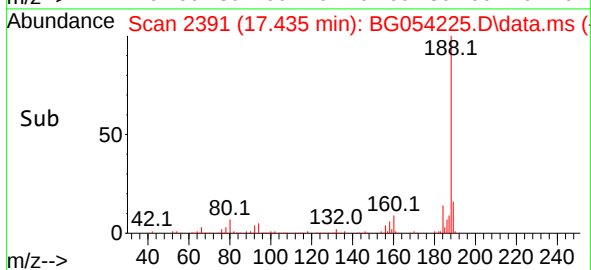
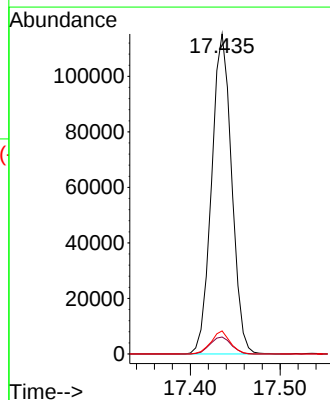
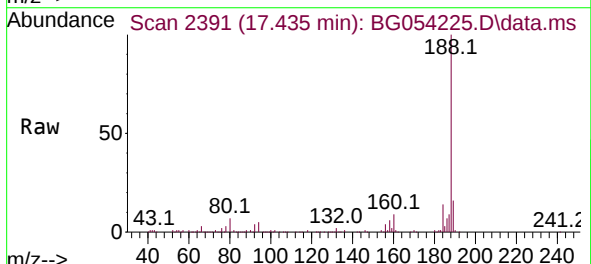
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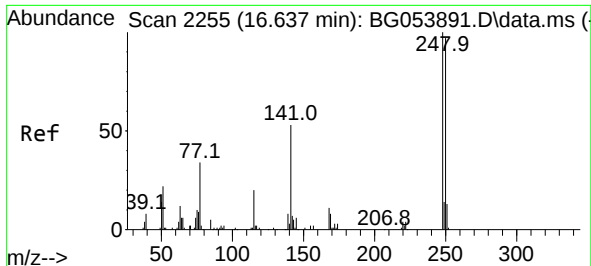
Tgt Ion:165 Resp: 9086
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.435 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BG054225.D
Acq: 7 Jul 2022 14:48

Tgt Ion:188 Resp: 178732
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 7.2 6.8 10.2

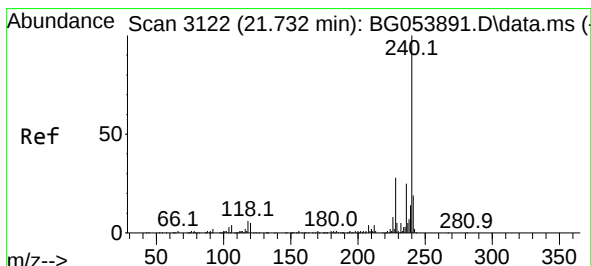
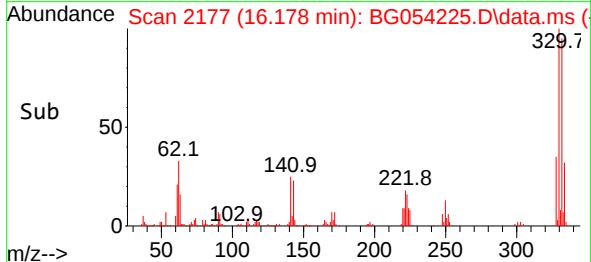
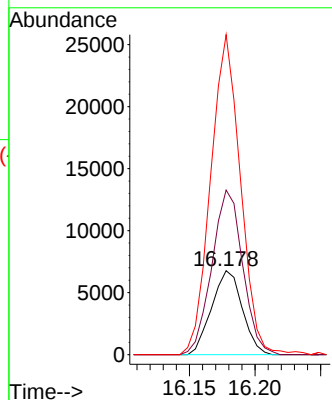
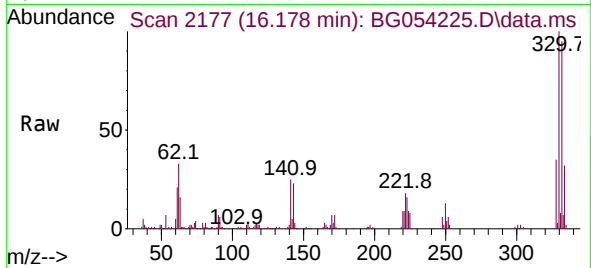




#67
4-Bromophenyl-phenylether
Concen: 4.927 ng
RT: 16.178 min Scan# 2119
Delta R.T. -0.447 min
Lab File: BG054225.D
Acq: 7 Jul 2022 14:48

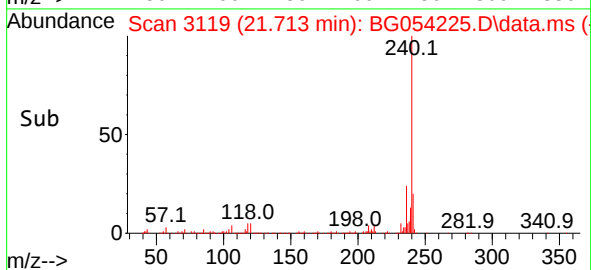
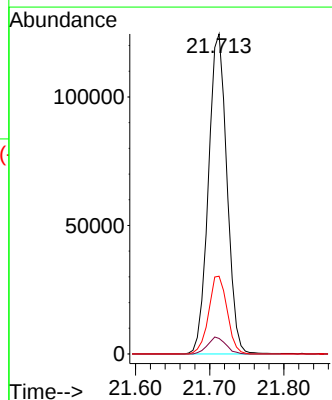
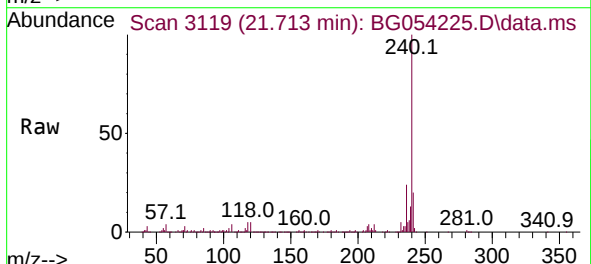
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ClientSampleId :
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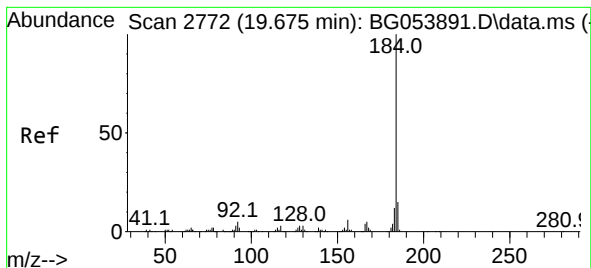
Tgt Ion:248 Resp: 10999
Ion Ratio Lower Upper
248 100
250 198.9 75.2 112.8#
141 295.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054225.D
Acq: 7 Jul 2022 14:48

Tgt Ion:240 Resp: 215857
Ion Ratio Lower Upper
240 100
120 4.9 4.6 7.0
236 24.3 20.2 30.4





#77

Benzidine

Concen: 2.942 ng

RT: 20.044 min Scan# 21

Delta R.T. 0.381 min

Lab File: BG054225.D

Acq: 7 Jul 2022 14:48

Instrument :

BNA_G

ClientSampleId :

20220493-FIELD-BLANK

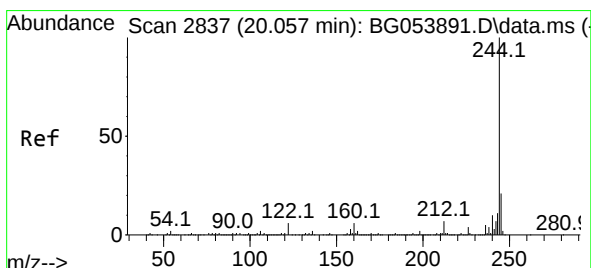
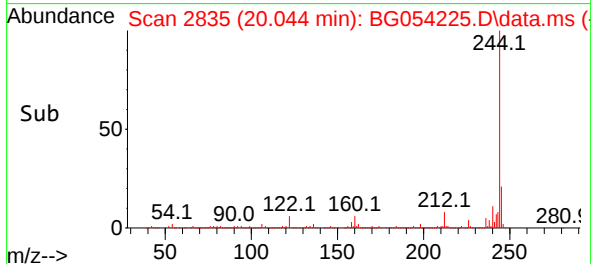
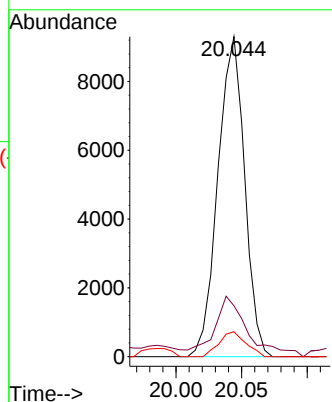
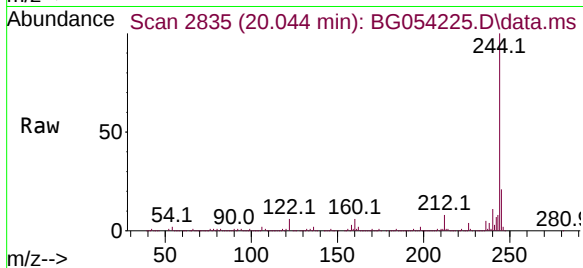
Tgt Ion:184 Resp: 13151

Ion Ratio Lower Upper

184 100

185 15.9 11.8 17.6

183 7.8 8.9 13.3#



#79

Terphenyl-d14

Concen: 88.560 ng

RT: 20.044 min Scan# 2835

Delta R.T. -0.001 min

Lab File: BG054225.D

Acq: 7 Jul 2022 14:48

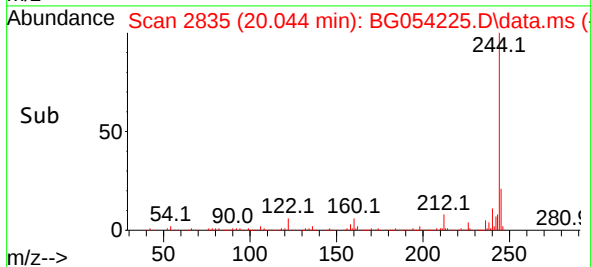
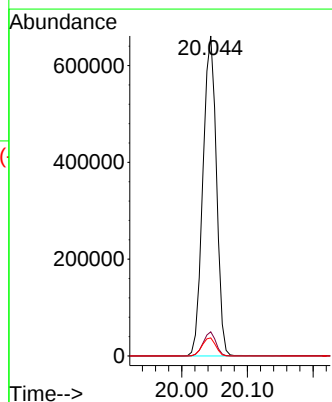
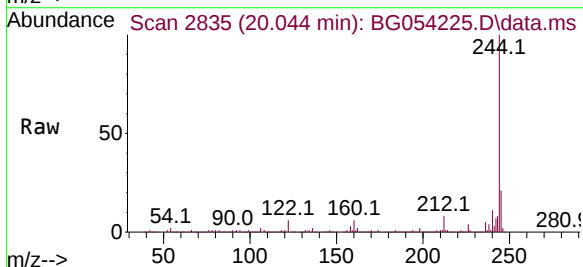
Tgt Ion:244 Resp: 949130

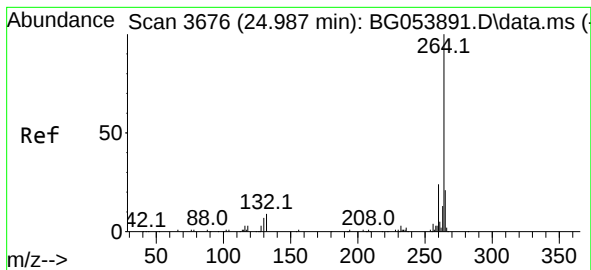
Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

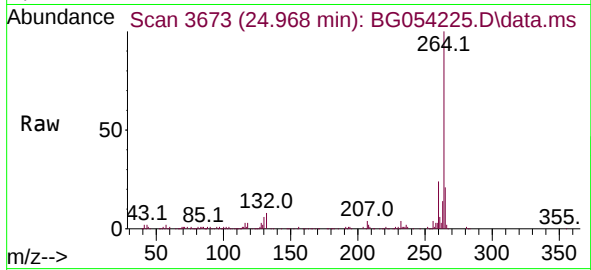
122 5.6 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.968 min Scan# 30
 Delta R.T. 0.005 min
 Lab File: BG054225.D
 Acq: 7 Jul 2022 14:48

Instrument :
 BNA_G
 ClientSampleId :
 20220493-FIELD-BLANK



Tgt Ion:264 Resp: 226549
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 20.9 17.4 26.2

