

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058691.D
 Acq On : 10 Aug 2023 23:16
 Operator : MA/JU
 Sample : 03955-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-25

Quant Time: Aug 11 01:59:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

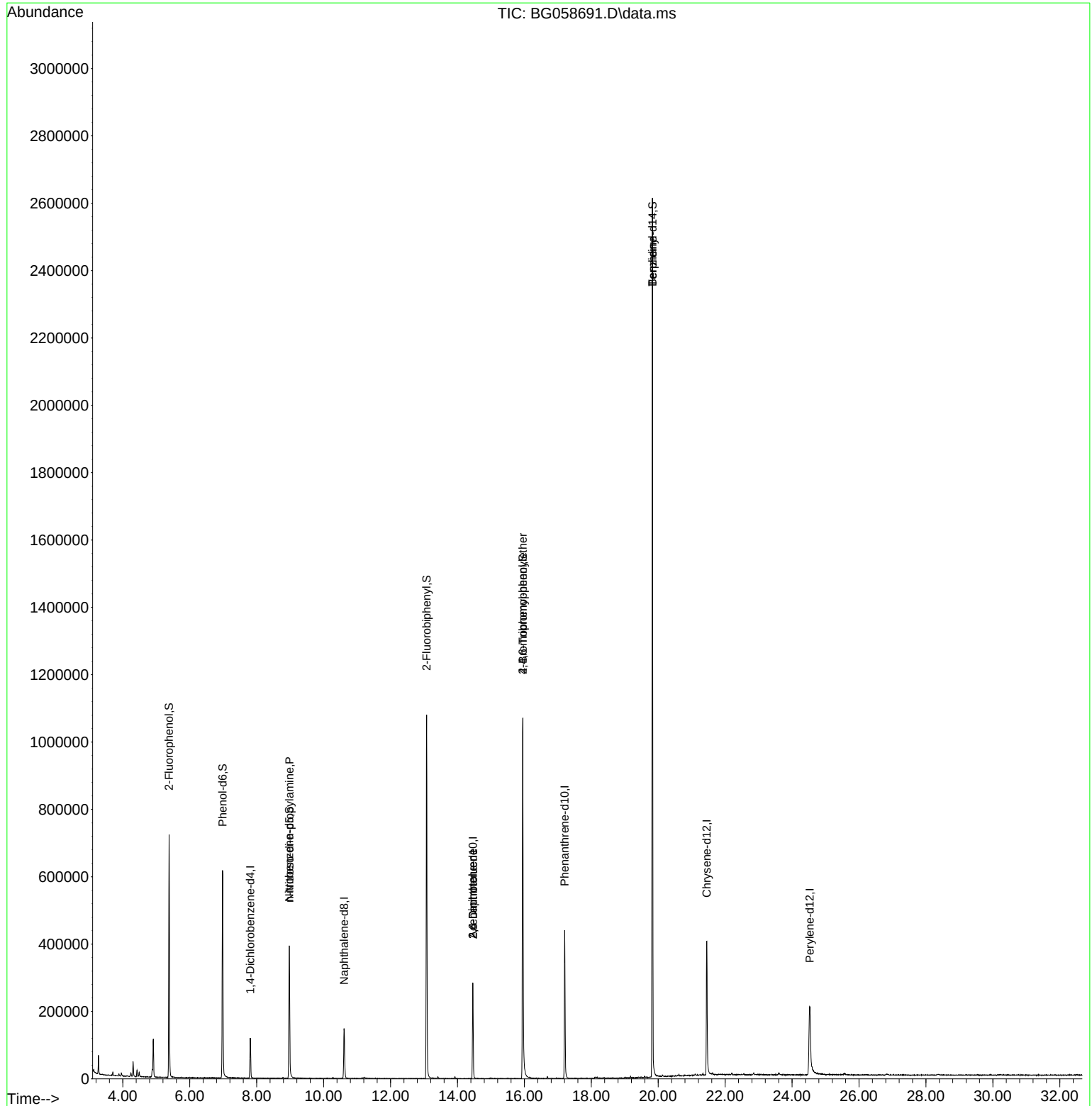
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	33348	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	140787	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	105541	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	305832	20.000	ng	0.00
76) Chrysene-d12	21.446	240	276885	20.000	ng	0.00
86) Perylene-d12	24.525	264	297489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	299404	137.228	ng	0.00
7) Phenol-d6	6.980	99	386542	127.322	ng	0.00
23) Nitrobenzene-d5	8.972	82	266785	93.090	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	269778	155.951	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	633118	89.897	ng	0.00
79) Terphenyl-d14	19.824	244	1420532	96.479	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.978	70	32911	16.783	ng	Qvalue
51) 2,6-Dinitrotoluene	14.460	165	13977	8.036	ng	# 79
57) 2,4-Dinitrotoluene	14.460	165	13977	5.797	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	16523	4.763	ng	# 1
77) Benzidine	19.824	184	17939	4.273	ng	# 91

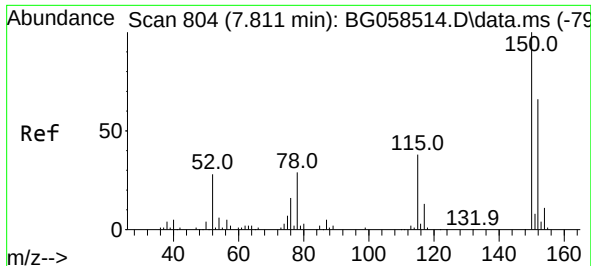
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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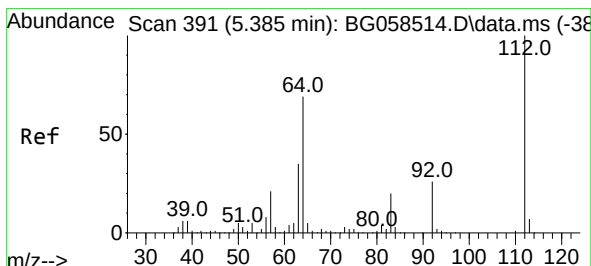
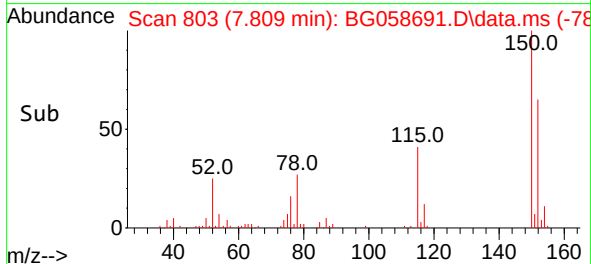
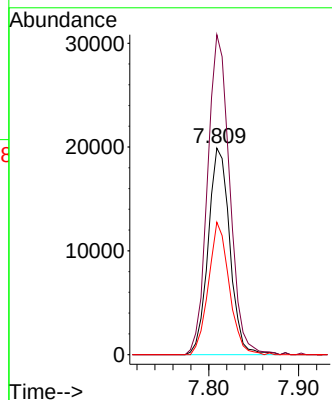
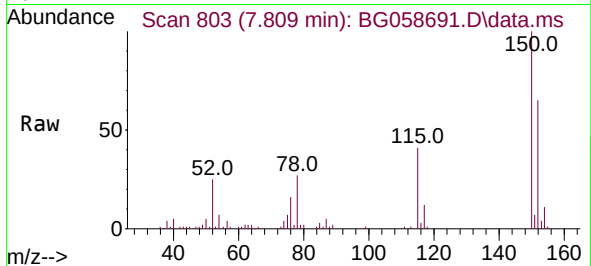




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

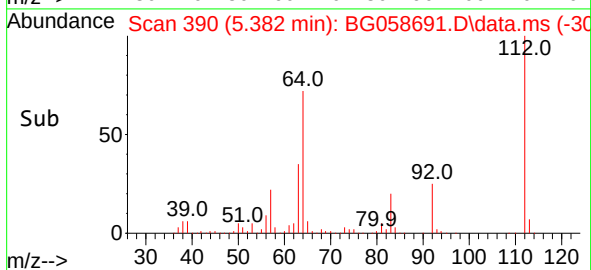
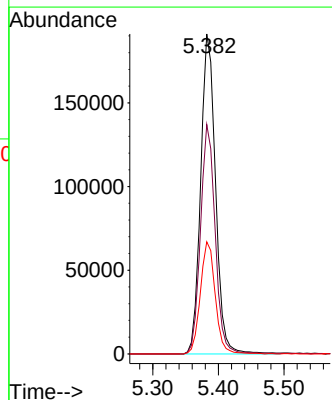
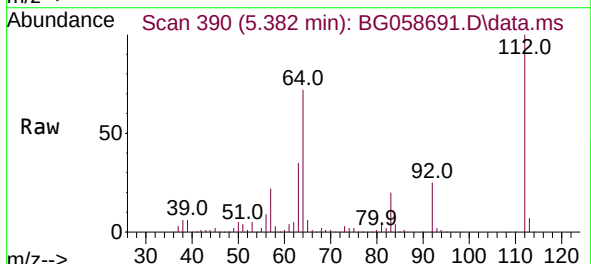
Instrument :
BNA_G
ClientSampleId :
WC-25

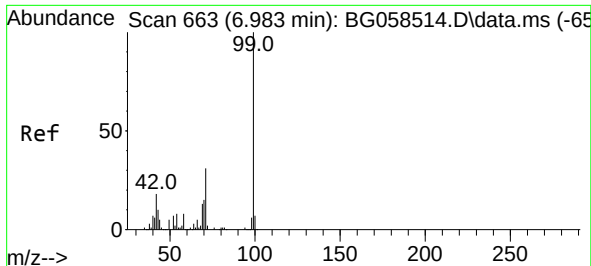
Tgt Ion:152 Resp: 33348
Ion Ratio Lower Upper
152 100
150 155.0 120.5 180.7
115 64.1 45.9 68.9



#5
2-Fluorophenol
Concen: 137.228 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

Tgt Ion:112 Resp: 299404
Ion Ratio Lower Upper
112 100
64 71.7 55.3 82.9
63 35.0 28.3 42.5

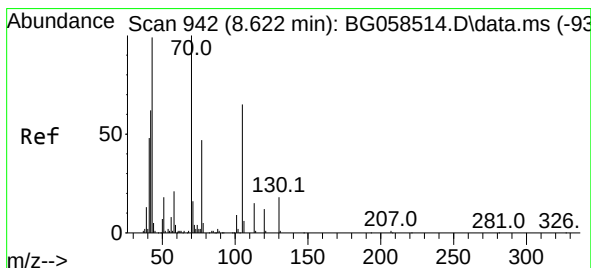
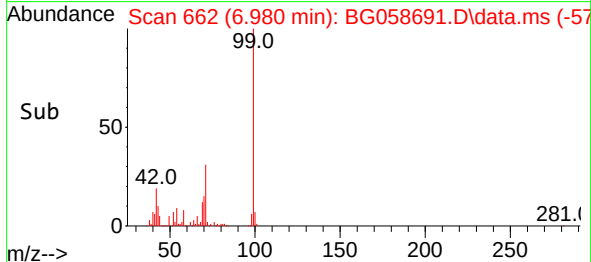
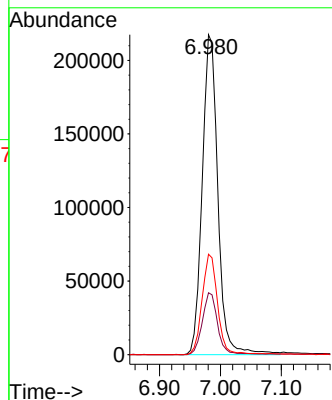
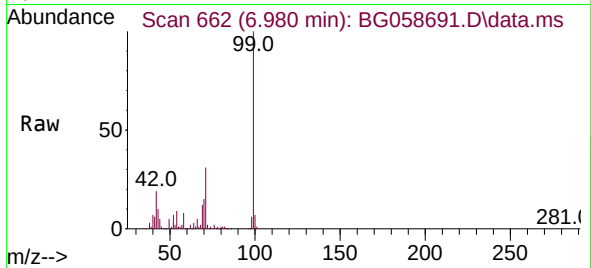




#7
Phenol-d6
Concen: 127.322 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

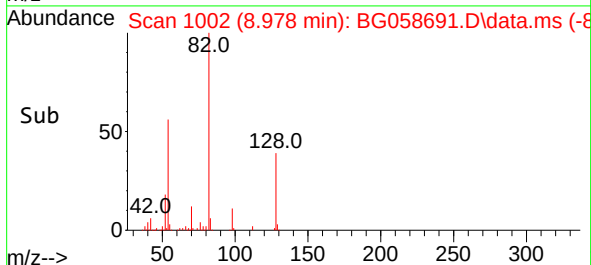
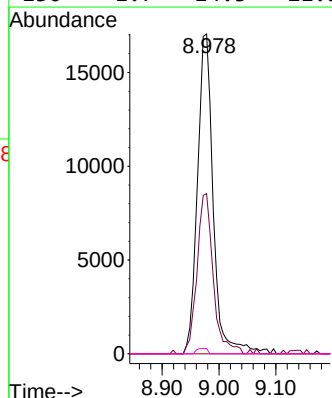
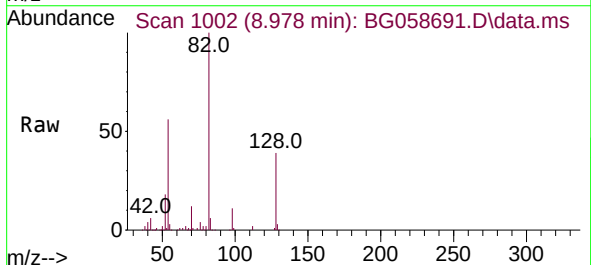
Instrument :
BNA_G
ClientSampleId :
WC-25

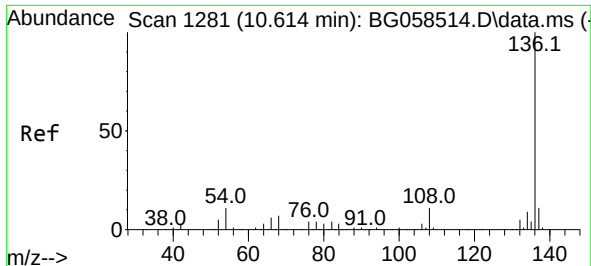
Tgt Ion: 99 Resp: 386542
Ion Ratio Lower Upper
99 100
42 19.3 14.6 21.8
71 31.4 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.783 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.356 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

Tgt Ion: 70 Resp: 32911
Ion Ratio Lower Upper
70 100
42 50.1 49.7 74.5
101 0.0 7.0 10.4#
130 1.7 14.3 21.5#

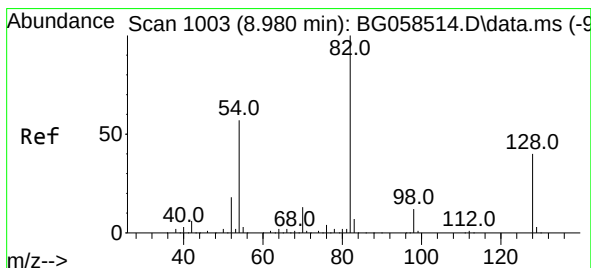
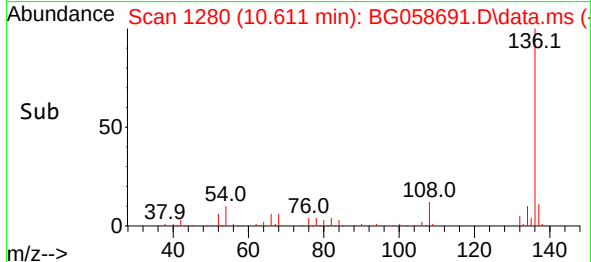
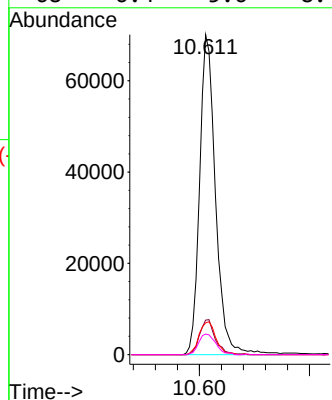
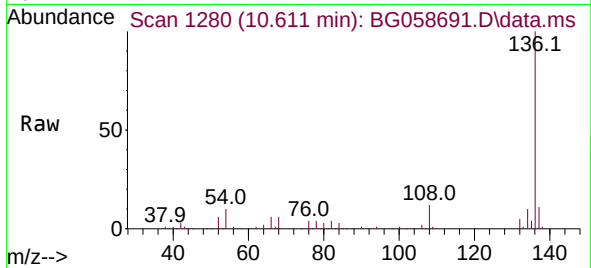




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

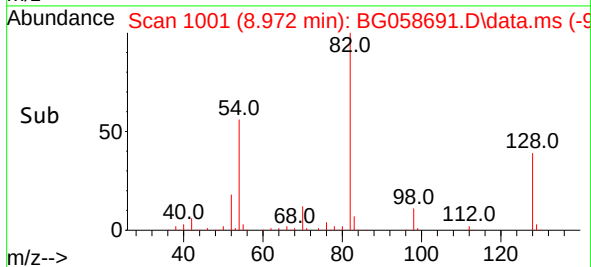
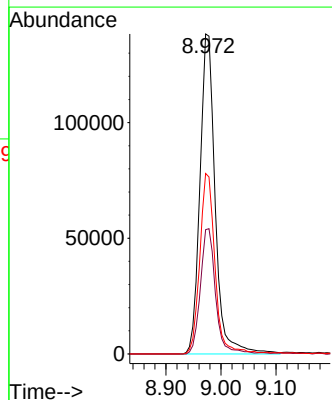
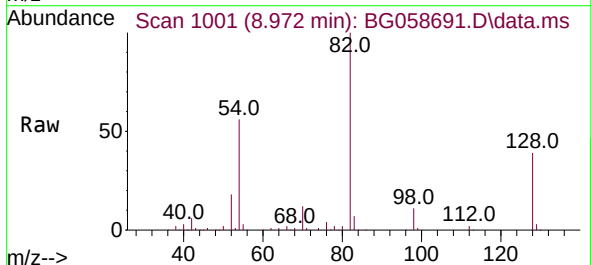
Instrument :
BNA_G
ClientSampleId :
WC-25

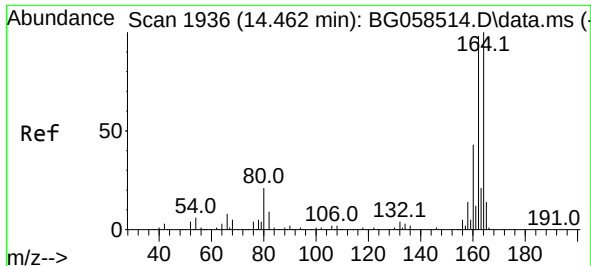
Tgt Ion:	136	Resp:	140787
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.9	8.9	13.3
68	6.4	5.6	8.4



#23
Nitrobenzene-d5
Concen: 93.090 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.008 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

Tgt Ion:	82	Resp:	266785
Ion Ratio	Lower	Upper	
82	100		
128	38.8	32.2	48.2
54	56.4	46.0	69.0

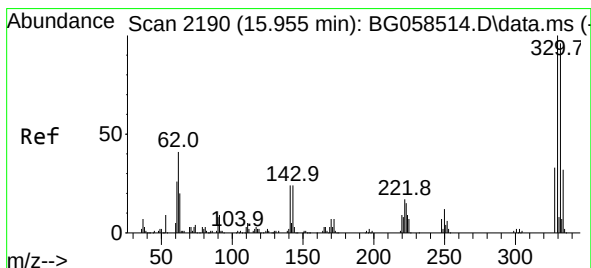
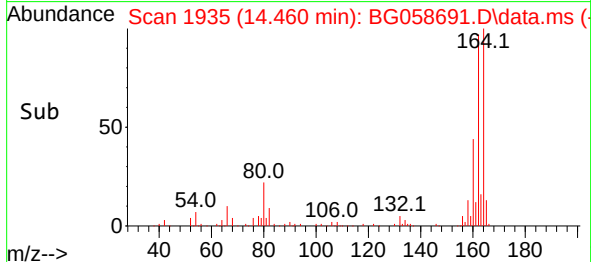
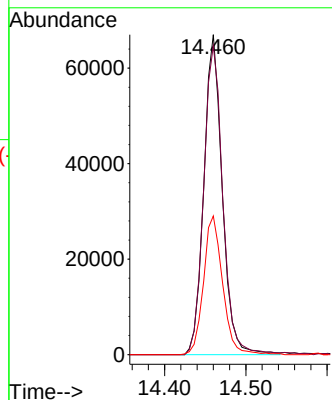
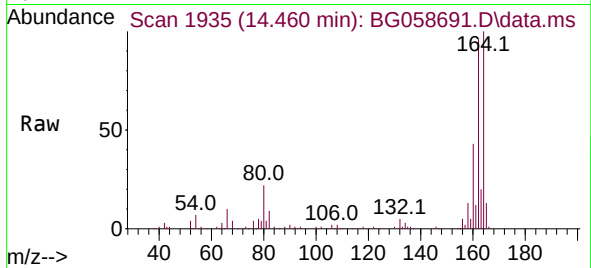




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

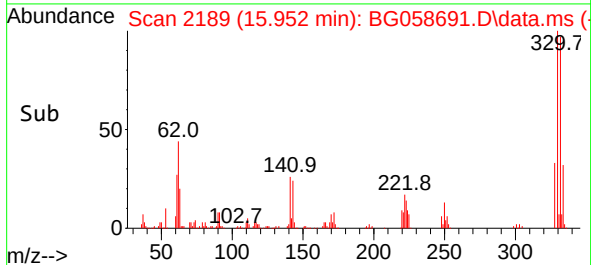
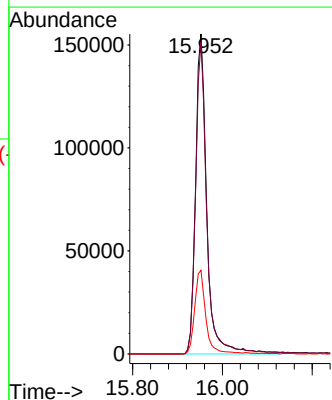
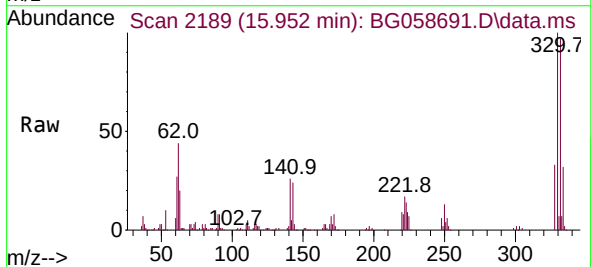
Instrument :
BNA_G
ClientSampleId :
WC-25

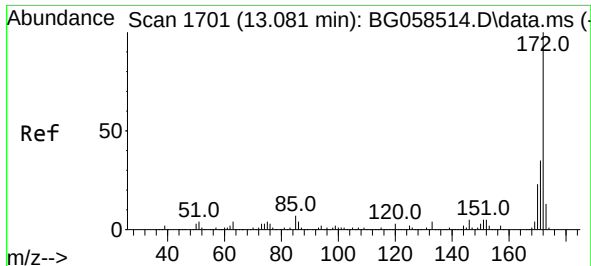
Tgt Ion:164 Resp: 105541
Ion Ratio Lower Upper
164 100
162 96.5 78.3 117.5
160 43.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 155.951 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

Tgt Ion:330 Resp: 269778
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 25.8 20.7 31.1

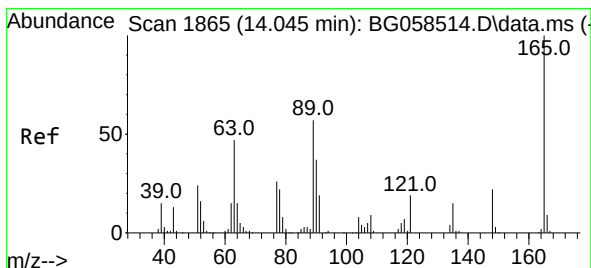
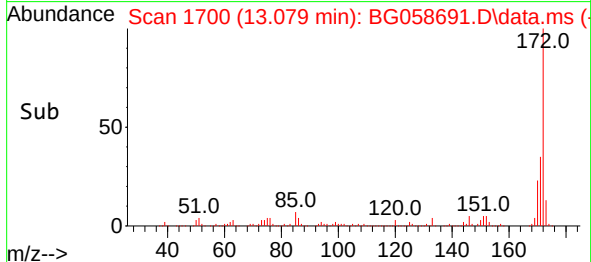
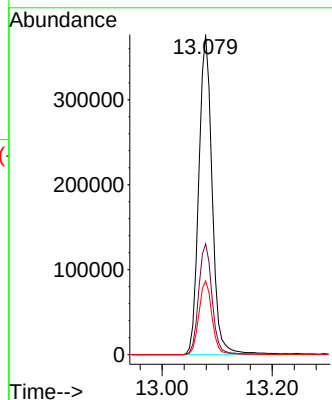
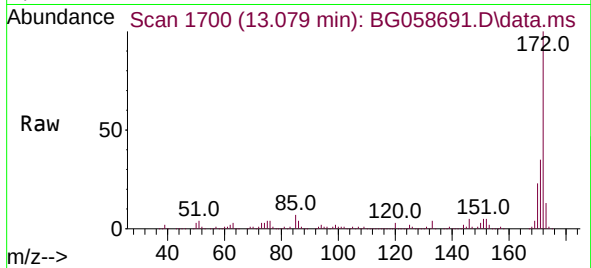




#45
2-Fluorobiphenyl
Concen: 89.897 ng
RT: 13.079 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

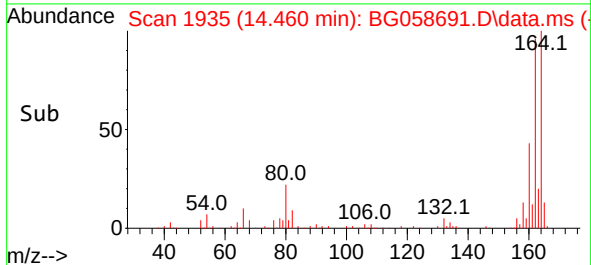
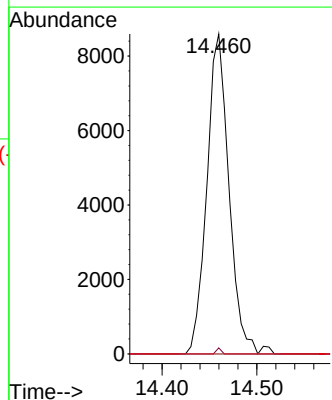
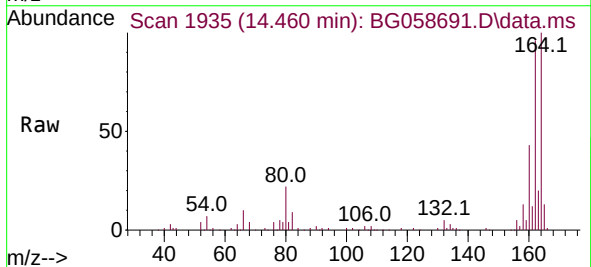
Instrument :
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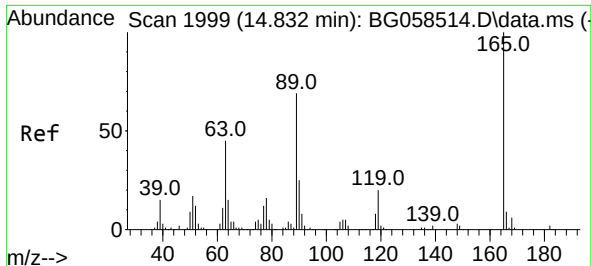
Tgt Ion:172 Resp: 633118
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.0 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.036 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.415 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

Tgt Ion:165 Resp: 13977
Ion Ratio Lower Upper
165 100
63 1.9 46.4 69.6#
89 0.0 45.3 67.9#

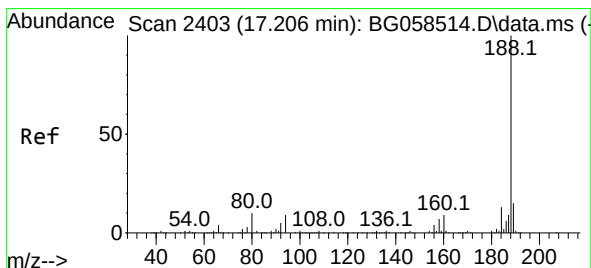
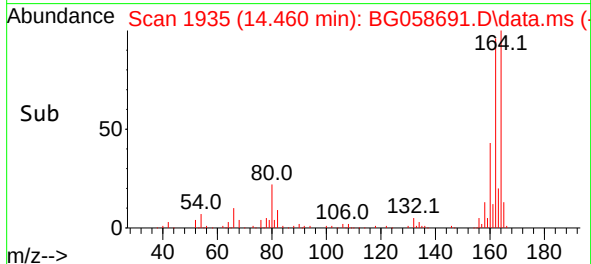
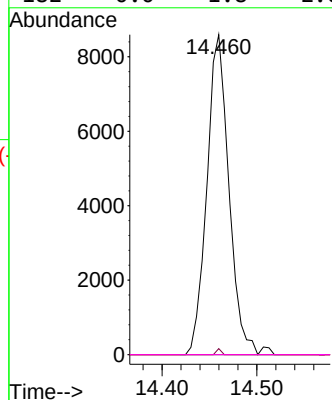
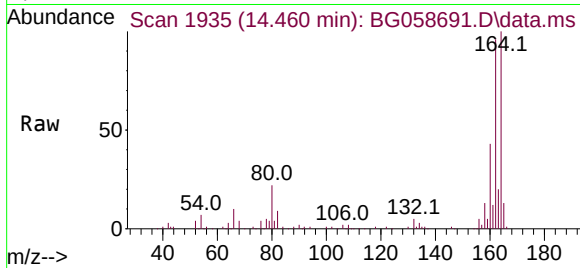




#57
2,4-Dinitrotoluene
Concen: 5.797 ng
RT: 14.460 min Scan# 1999
Delta R.T. -0.372 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

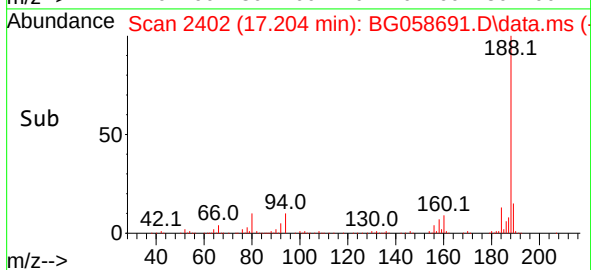
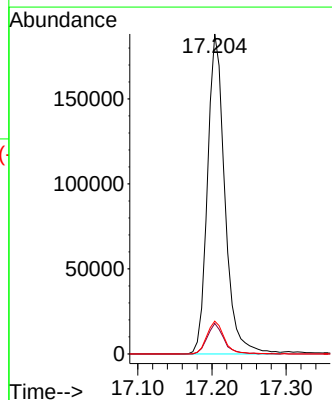
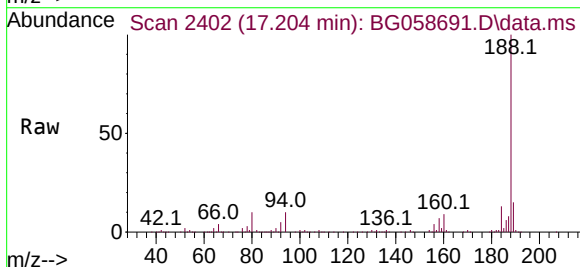
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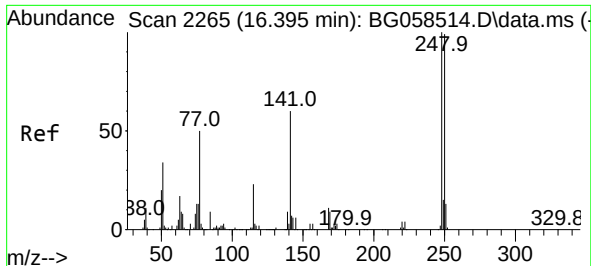
Tgt Ion:	165	Resp:	13977
Ion Ratio	Lower	Upper	
165	100		
63	1.9	36.6	54.8#
89	0.0	55.4	83.0#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

Tgt Ion:	188	Resp:	305832
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.0	10.6
80	10.2	8.1	12.1

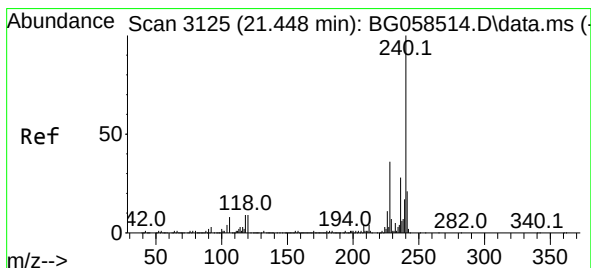
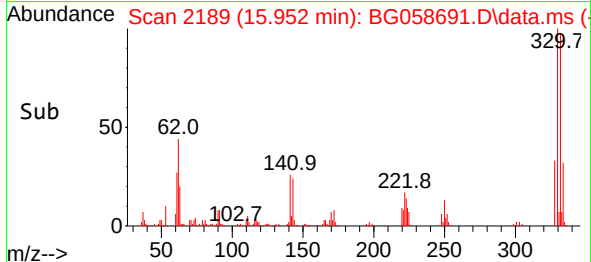
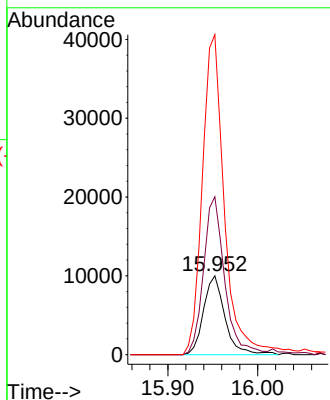
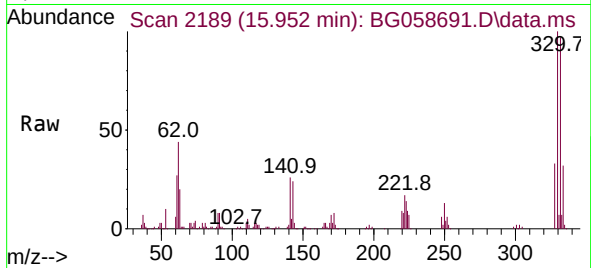




#67
4-Bromophenyl-phenylether
Concen: 4.763 ng
RT: 15.952 min Scan# 2119
Delta R.T. -0.443 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

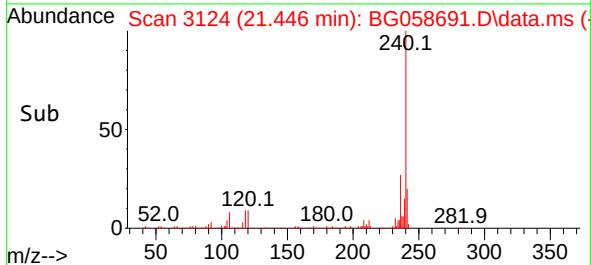
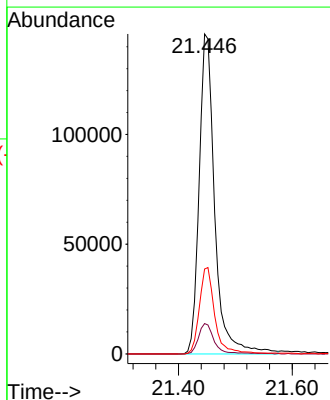
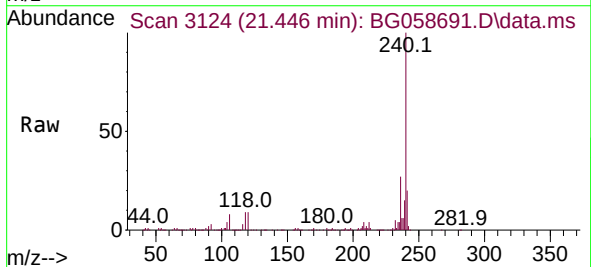
Instrument :
BNA_G
ClientSampleId :
WC-25

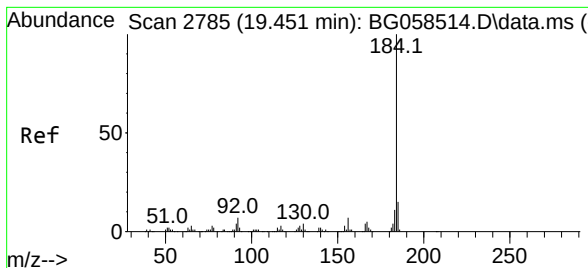
Tgt Ion:248 Resp: 16523
Ion Ratio Lower Upper
248 100
250 200.3 79.5 119.3#
141 406.2 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG058691.D
Acq: 10 Aug 2023 23:16

Tgt Ion:240 Resp: 276885
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.5 22.2 33.4





#77

Benzidine

Concen: 4.273 ng

RT: 19.824 min Scan# 2848

Delta R.T. 0.374 min

Lab File: BG058691.D

Acq: 10 Aug 2023 23:16

Instrument :

BNA_G

ClientSampleId :

WC-25

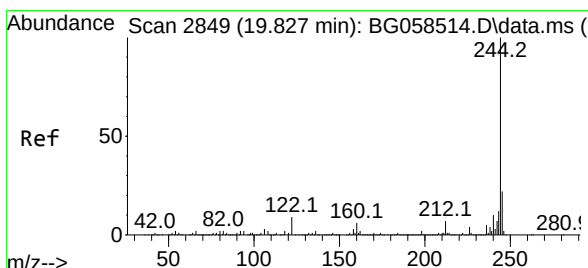
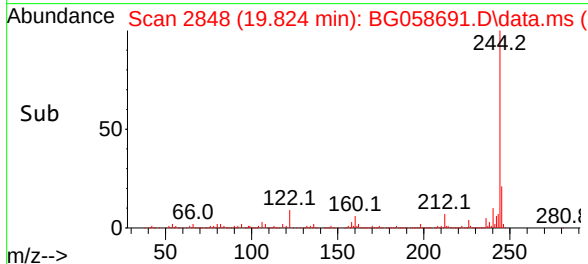
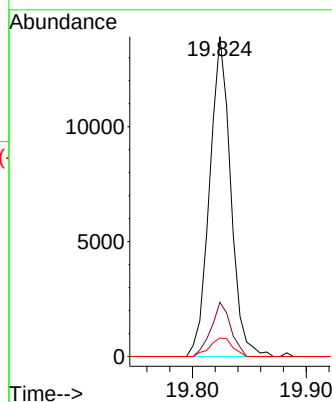
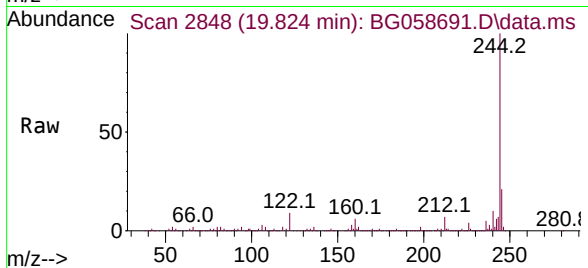
Tgt Ion:184 Resp: 17939

Ion Ratio Lower Upper

184 100

185 17.0 11.9 17.9

183 5.8 8.7 13.1#



#79

Terphenyl-d14

Concen: 96.479 ng

RT: 19.824 min Scan# 2848

Delta R.T. -0.002 min

Lab File: BG058691.D

Acq: 10 Aug 2023 23:16

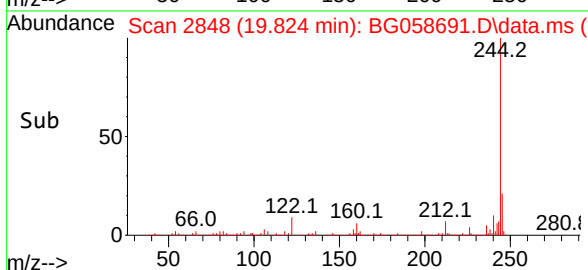
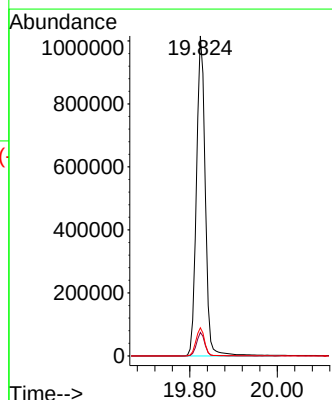
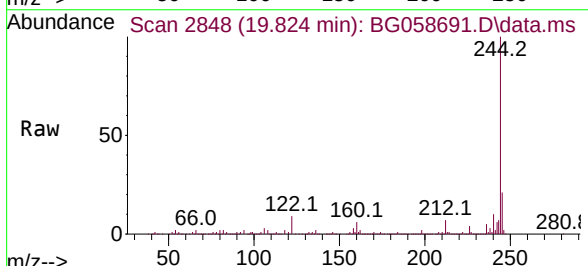
Tgt Ion:244 Resp: 1420532

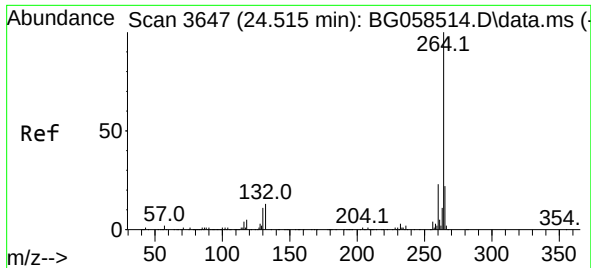
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 8.8 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.525 min Scan# 30
 Delta R.T. 0.009 min
 Lab File: BG058691.D
 Acq: 10 Aug 2023 23:16

Instrument :
 BNA_G
 ClientSampleId :
 WC-25

Tgt Ion:264 Resp: 297489
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 21.8 17.9 26.9

