

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058681.D
 Acq On : 10 Aug 2023 16:22
 Operator : MA/JU
 Sample : 03955-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-26

Quant Time: Aug 11 01:55:45 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)

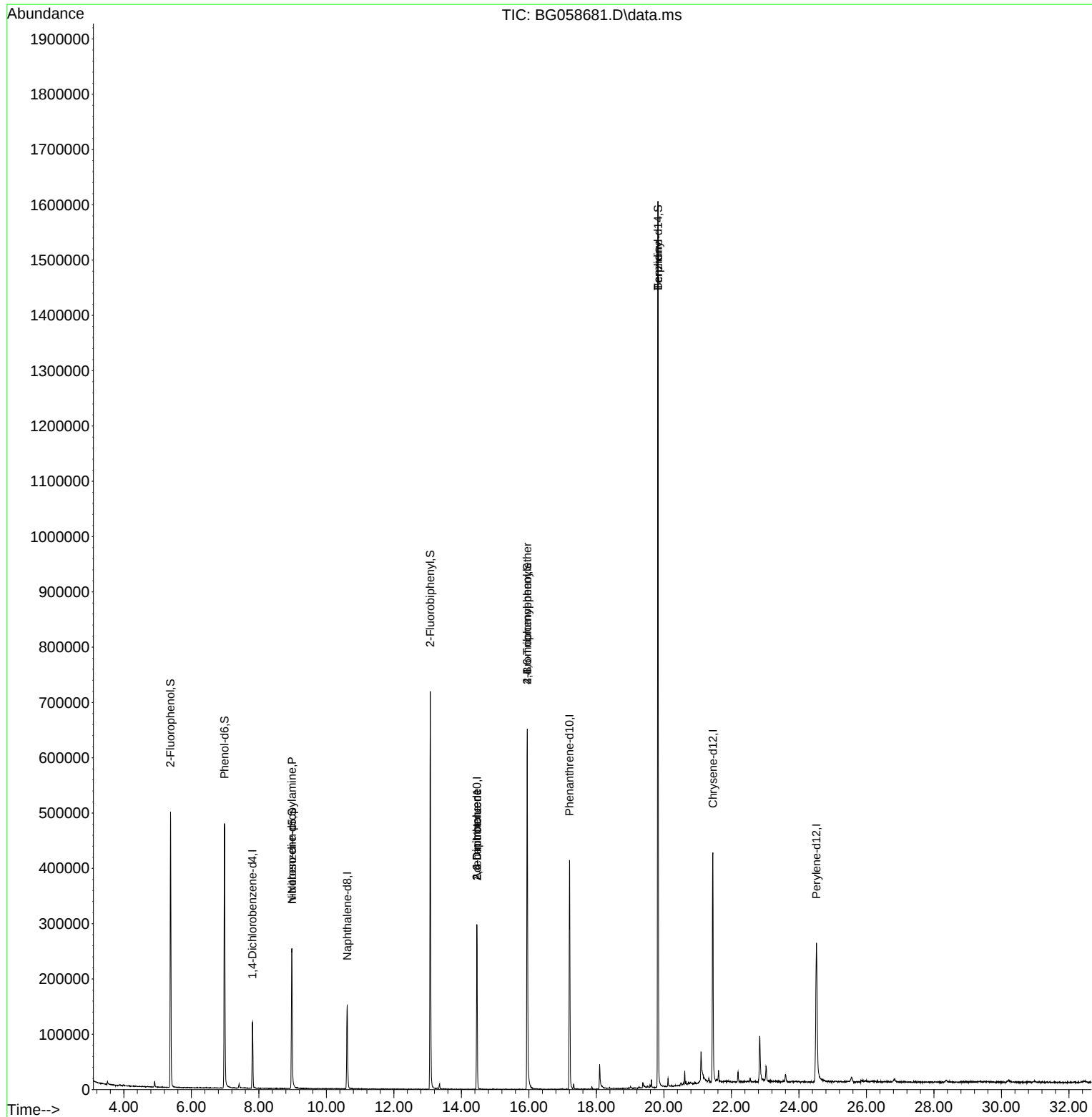
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	33967	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	143608	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	106883	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	290325	20.000	ng	0.00
76) Chrysene-d12	21.451	240	266363	20.000	ng	0.00
86) Perylene-d12	24.518	264	306695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	218771	98.443	ng	0.00
7) Phenol-d6	6.980	99	306514	99.122	ng	0.00
23) Nitrobenzene-d5	8.977	82	172910	59.149	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	159934	91.292	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	407549	57.142	ng	0.00
79) Terphenyl-d14	19.824	244	858697	60.624	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.977	70	21704	10.866	ng	# 76
51) 2,6-Dinitrotoluene	14.459	165	13331	7.569	ng	# 24
57) 2,4-Dinitrotoluene	14.459	165	13331	5.459	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	9633	2.925	ng	# 1
77) Benzidine	19.824	184	10326	2.556	ng	# 89

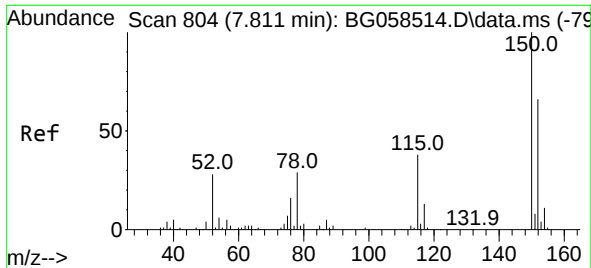
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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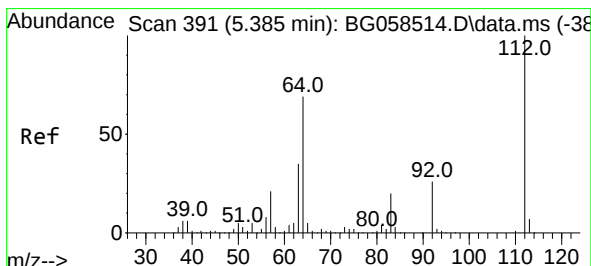
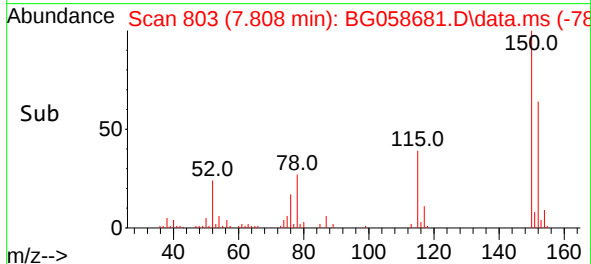
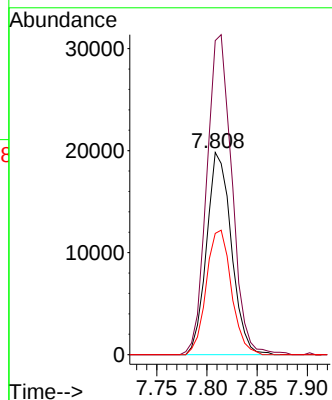
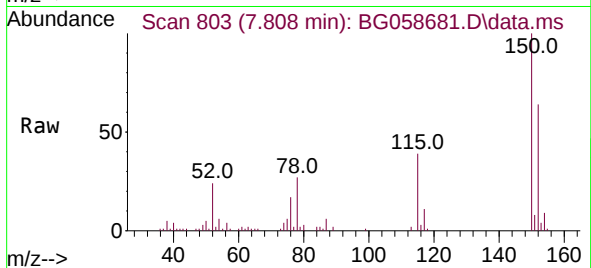




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.808 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG058681.D
Acq: 10 Aug 2023 16:22

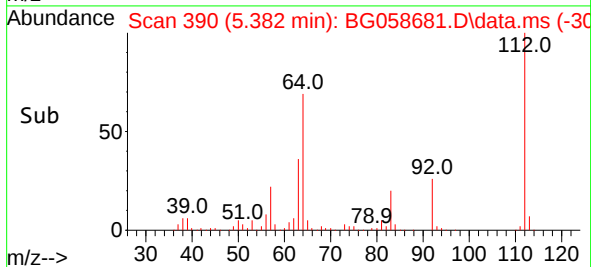
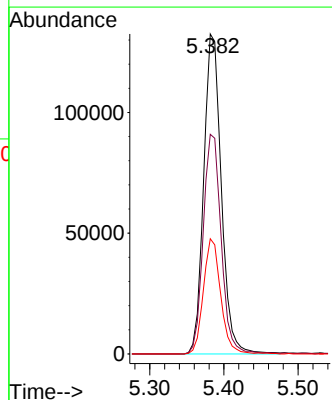
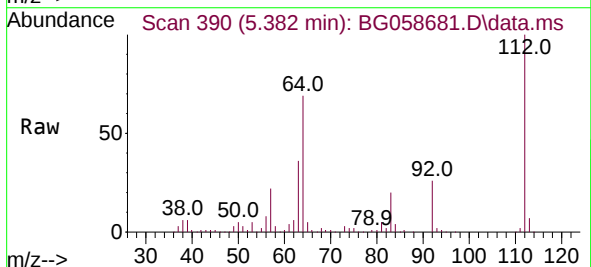
Instrument :
BNA_G
ClientSampleId :
WC-26

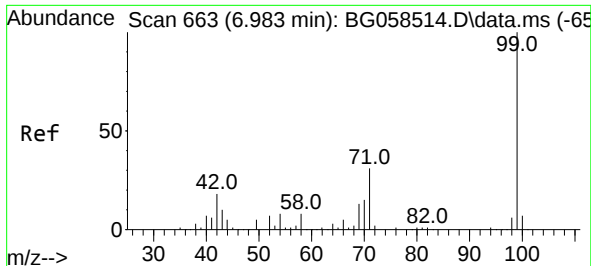
Tgt Ion:152 Resp: 33967
Ion Ratio Lower Upper
152 100
150 155.3 120.5 180.7
115 59.9 45.9 68.9



#5
2-Fluorophenol
Concen: 98.443 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG058681.D
Acq: 10 Aug 2023 16:22

Tgt Ion:112 Resp: 218771
Ion Ratio Lower Upper
112 100
64 68.6 55.3 82.9
63 36.0 28.3 42.5

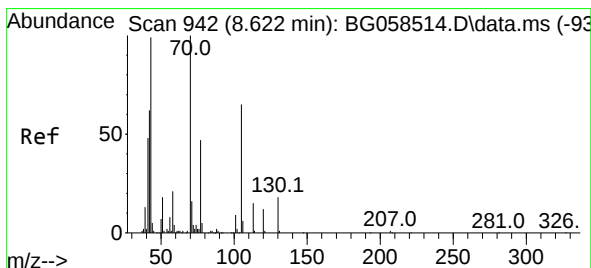
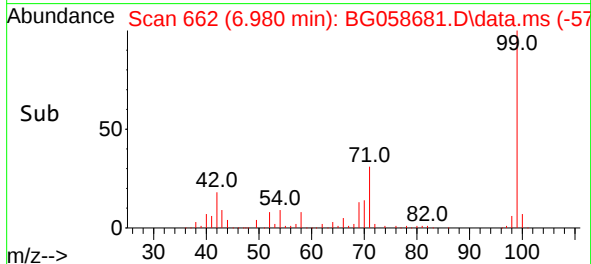
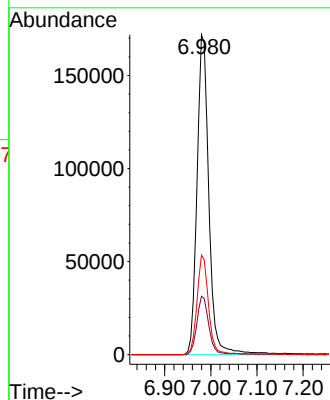
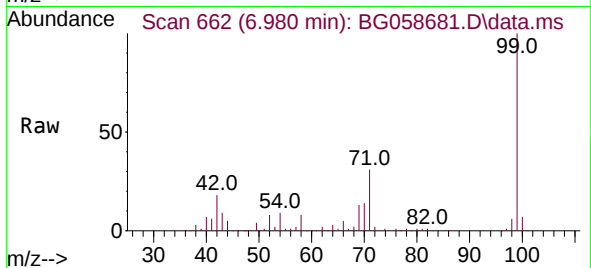




#7
Phenol-d6
Concen: 99.122 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG058681.D
Acq: 10 Aug 2023 16:22

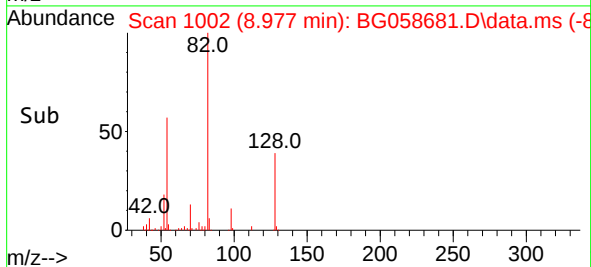
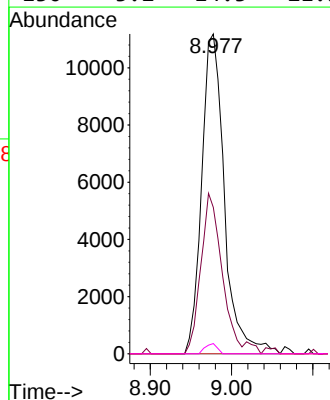
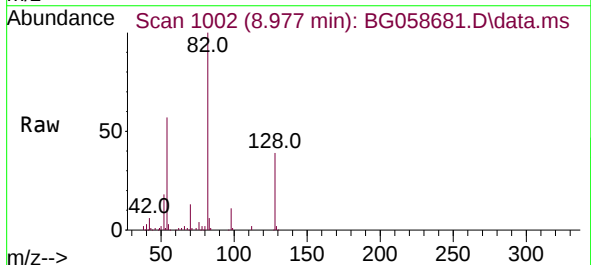
Instrument :
BNA_G
ClientSampleId :
WC-26

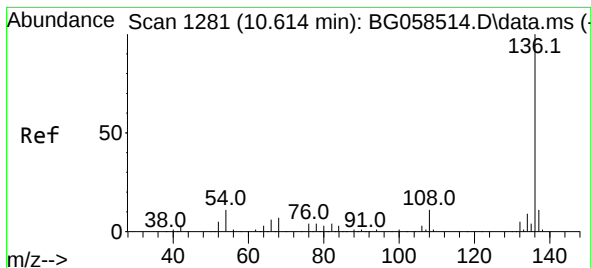
Tgt Ion: 99 Resp: 306514
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 31.1 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.866 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.355 min
Lab File: BG058681.D
Acq: 10 Aug 2023 16:22

Tgt Ion: 70 Resp: 21704
Ion Ratio Lower Upper
70 100
42 45.8 49.7 74.5#
101 0.0 7.0 10.4#
130 3.2 14.3 21.5#

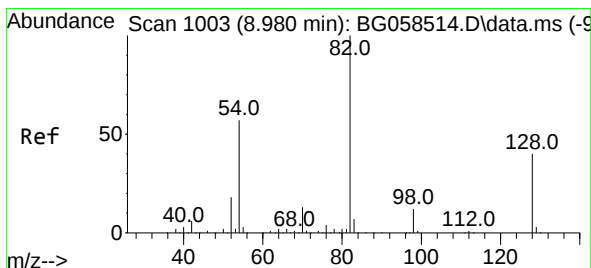
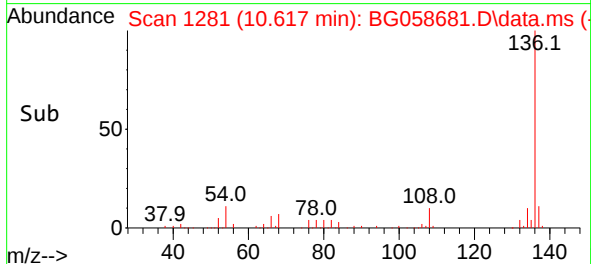
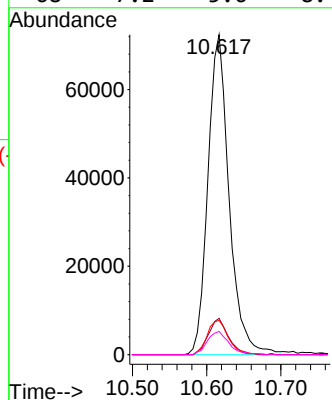
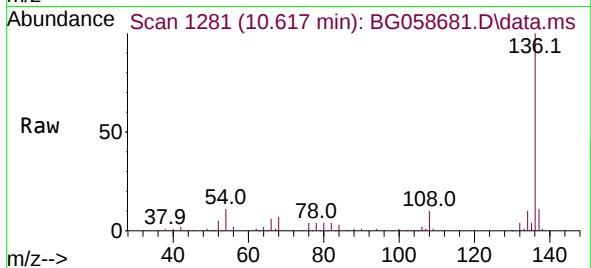




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058681.D
Acq: 10 Aug 2023 16:22

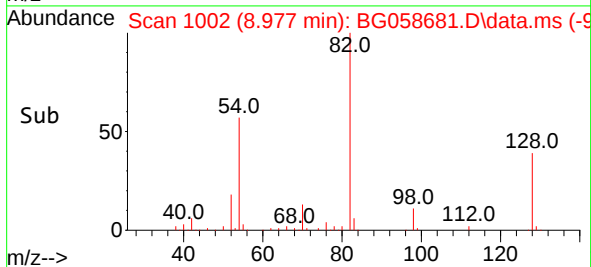
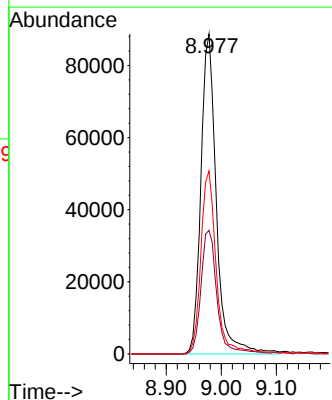
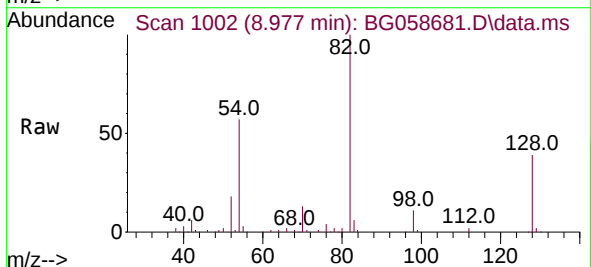
Instrument :
BNA_G
ClientSampleId :
WC-26

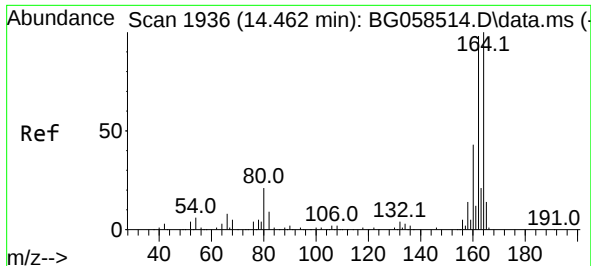
Tgt Ion:	136	Resp:	143608
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	10.7	8.9	13.3
68	7.2	5.6	8.4



#23
Nitrobenzene-d5
Concen: 59.149 ng
RT: 8.977 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058681.D
Acq: 10 Aug 2023 16:22

Tgt Ion:	82	Resp:	172910
Ion Ratio	Lower	Upper	
82	100		
128	38.6	32.2	48.2
54	57.2	46.0	69.0

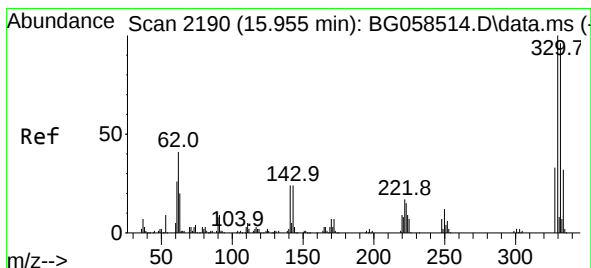
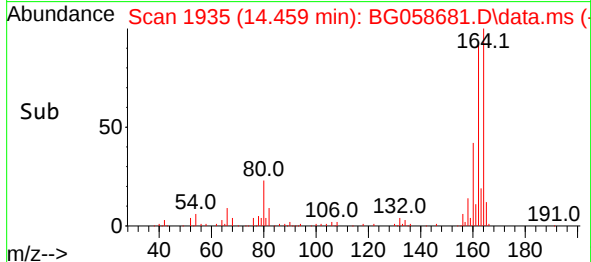
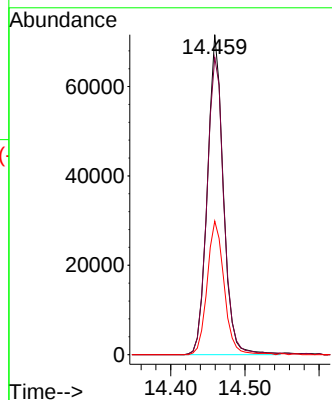
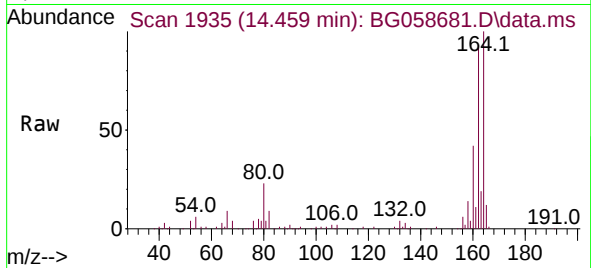




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058681.D
Acq: 10 Aug 2023 16:22

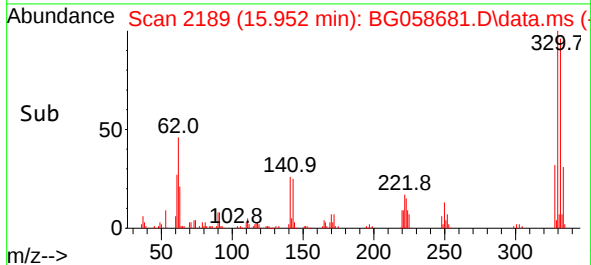
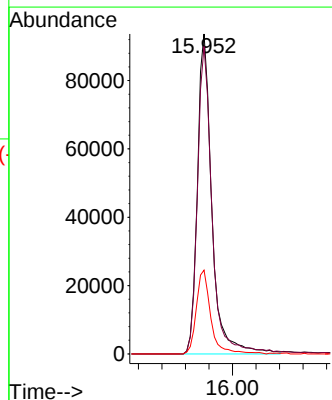
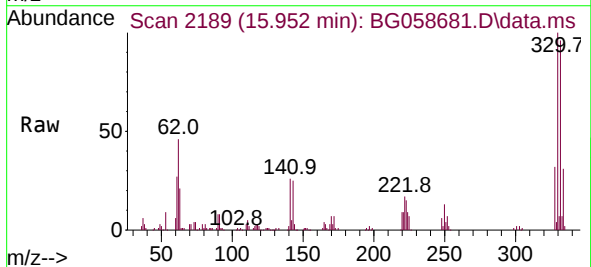
Instrument :
BNA_G
ClientSampleId :
WC-26

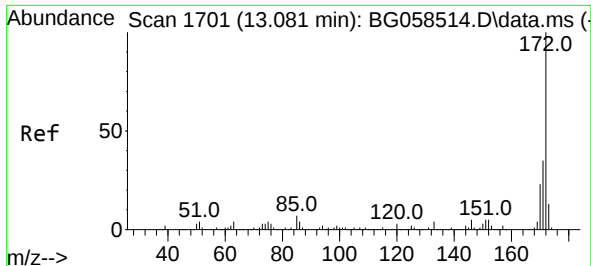
Tgt Ion:164 Resp: 106883
Ion Ratio Lower Upper
164 100
162 92.9 78.3 117.5
160 41.7 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 91.292 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG058681.D
Acq: 10 Aug 2023 16:22

Tgt Ion:330 Resp: 159934
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 26.1 20.7 31.1

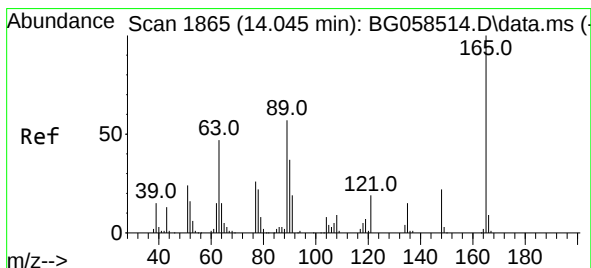
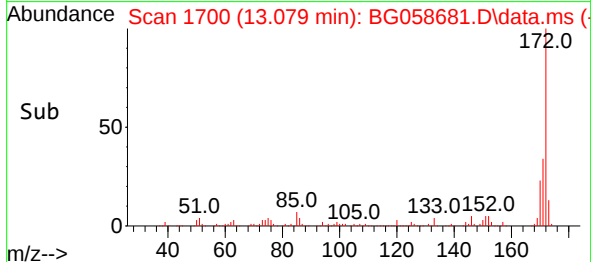
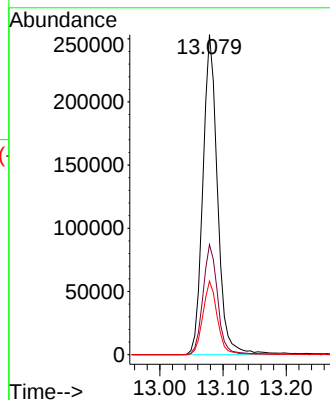
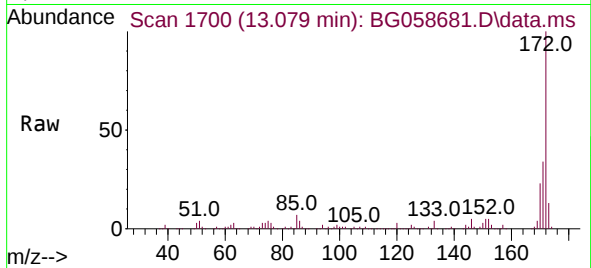




#45
2-Fluorobiphenyl
Concen: 57.142 ng
RT: 13.079 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058681.D
Acq: 10 Aug 2023 16:22

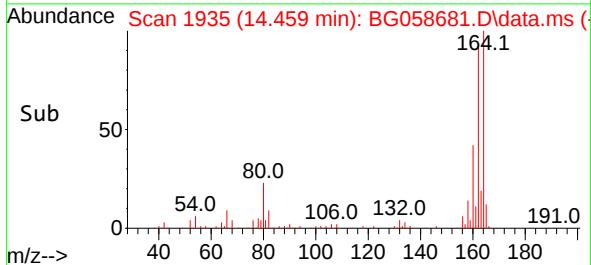
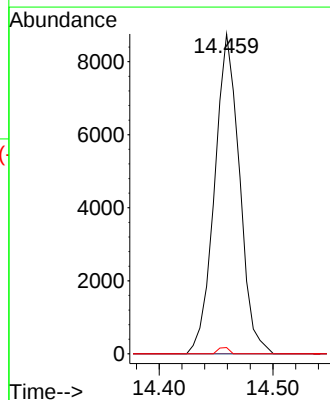
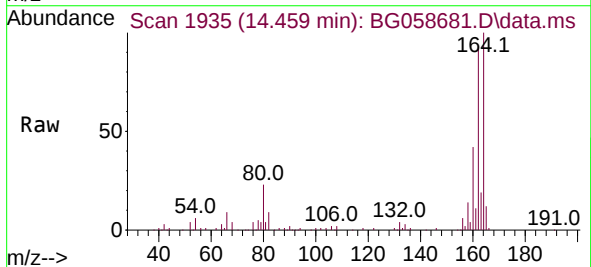
Instrument :
BNA_G
ClientSampleId :
WC-26

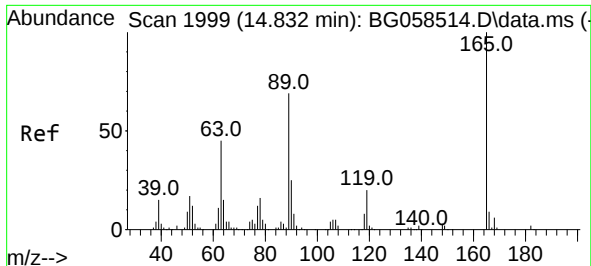
Tgt Ion:172 Resp: 407549
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.0 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.569 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.414 min
Lab File: BG058681.D
Acq: 10 Aug 2023 16:22

Tgt Ion:165 Resp: 13331
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 2.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.459 ng

RT: 14.459 min Scan# 1999

Delta R.T. -0.373 min

Lab File: BG058681.D

Acq: 10 Aug 2023 16:22

Instrument :

BNA_G

ClientSampleId :

WC-26

Tgt Ion:165 Resp: 13331

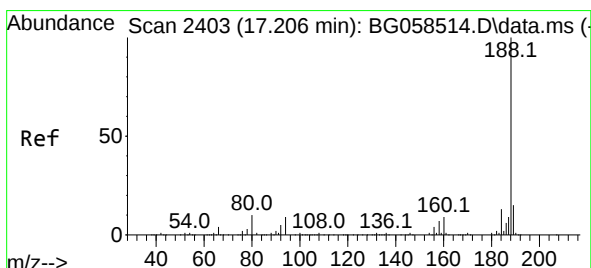
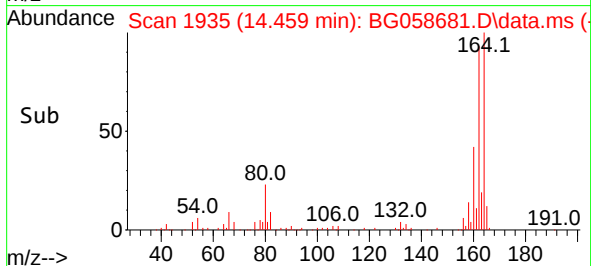
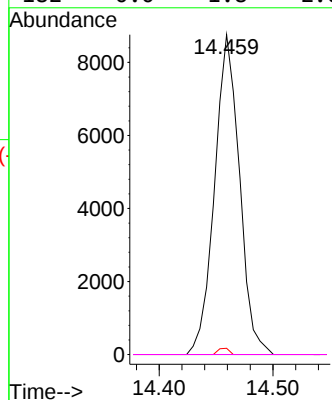
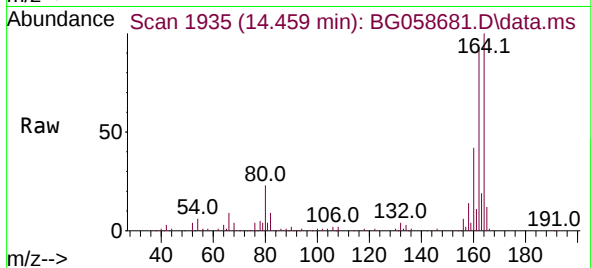
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 2.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.203 min Scan# 2402

Delta R.T. -0.003 min

Lab File: BG058681.D

Acq: 10 Aug 2023 16:22

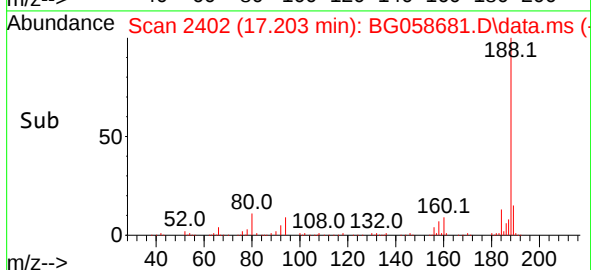
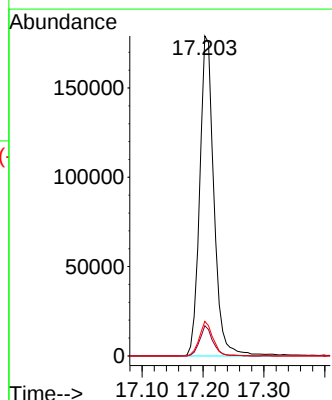
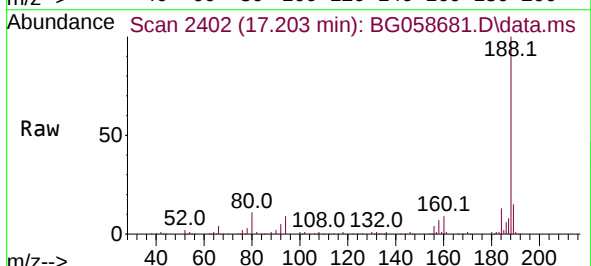
Tgt Ion:188 Resp: 290325

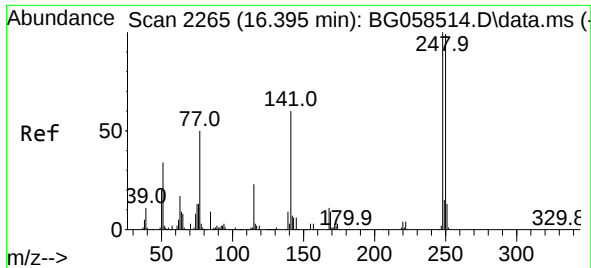
Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 10.8 8.1 12.1

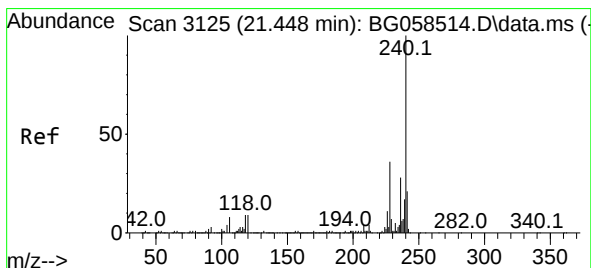
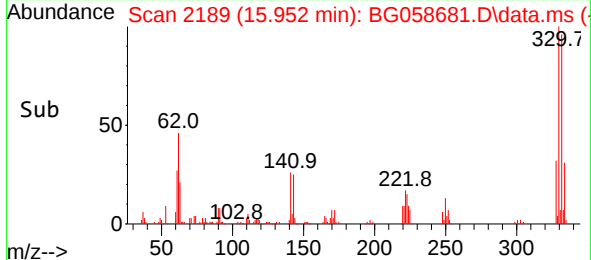
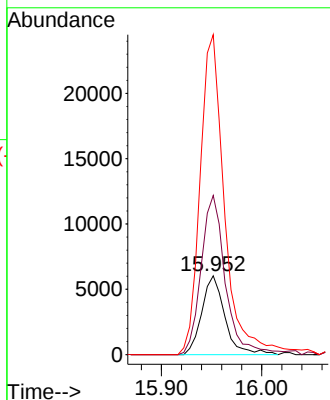
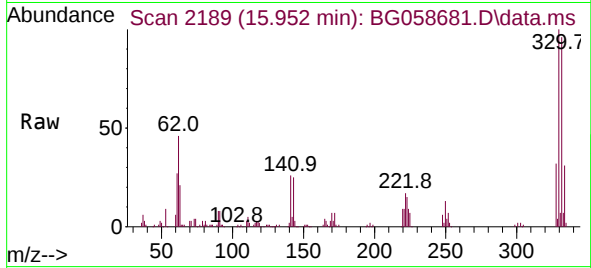




#67
4-Bromophenyl-phenylether
Concen: 2.925 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.444 min
Lab File: BG058681.D
Acq: 10 Aug 2023 16:22

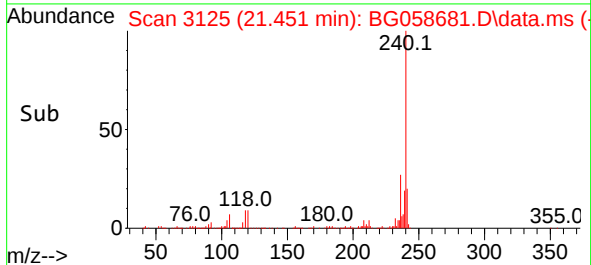
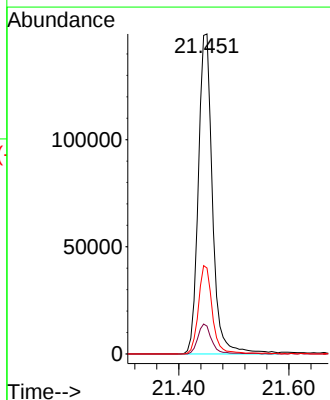
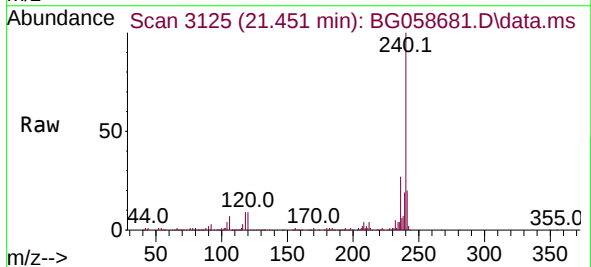
Instrument :
BNA_G
ClientSampleId :
WC-26

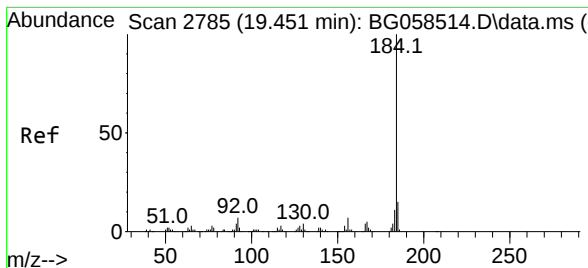
Tgt Ion:248 Resp: 9633
Ion Ratio Lower Upper
248 100
250 202.1 79.5 119.3#
141 406.3 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058681.D
Acq: 10 Aug 2023 16:22

Tgt Ion:240 Resp: 266363
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 26.8 22.2 33.4





#77

Benzidine

Concen: 2.556 ng

RT: 19.824 min Scan# 2848

Delta R.T. 0.373 min

Lab File: BG058681.D

Acq: 10 Aug 2023 16:22

Instrument :

BNA_G

ClientSampleId :

WC-26

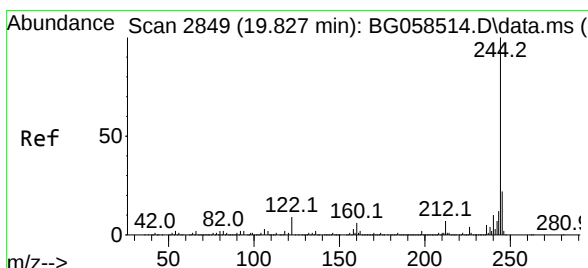
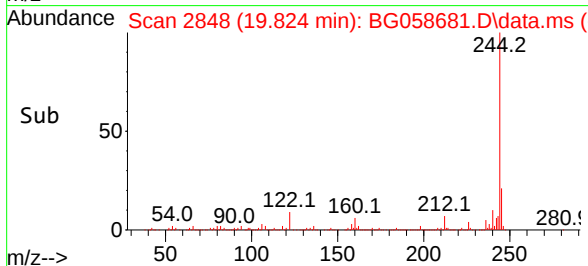
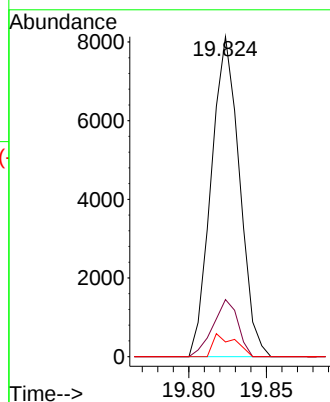
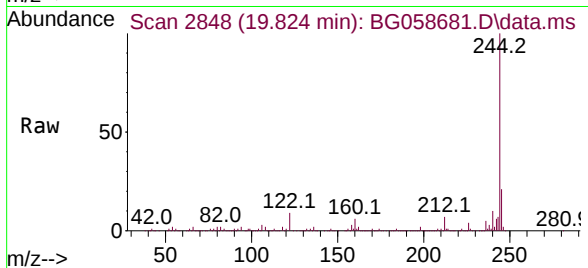
Tgt Ion:184 Resp: 10326

Ion Ratio Lower Upper

184 100

185 17.8 11.9 17.9

183 4.6 8.7 13.1#



#79

Terphenyl-d14

Concen: 60.624 ng

RT: 19.824 min Scan# 2848

Delta R.T. -0.003 min

Lab File: BG058681.D

Acq: 10 Aug 2023 16:22

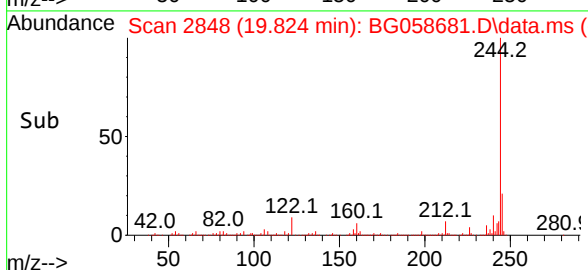
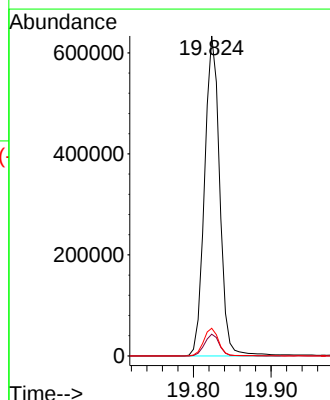
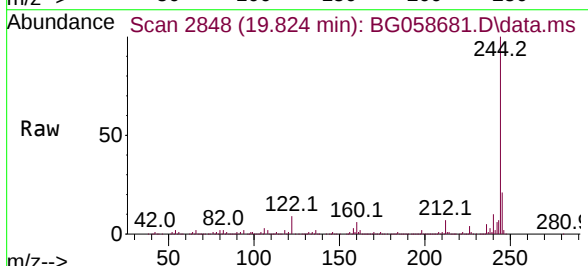
Tgt Ion:244 Resp: 858697

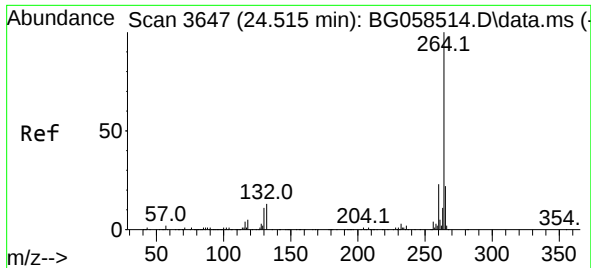
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 8.6 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.518 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BG058681.D
 Acq: 10 Aug 2023 16:22

Instrument :
 BNA_G
 ClientSampleId :
 WC-26

Tgt Ion:264 Resp: 306695
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 22.3 17.9 26.9

