

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
 Data File : BG058733.D
 Acq On : 15 Aug 2023 15:40
 Operator : MA/JU
 Sample : 04016-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP15B

Quant Time: Aug 15 16:26:00 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)

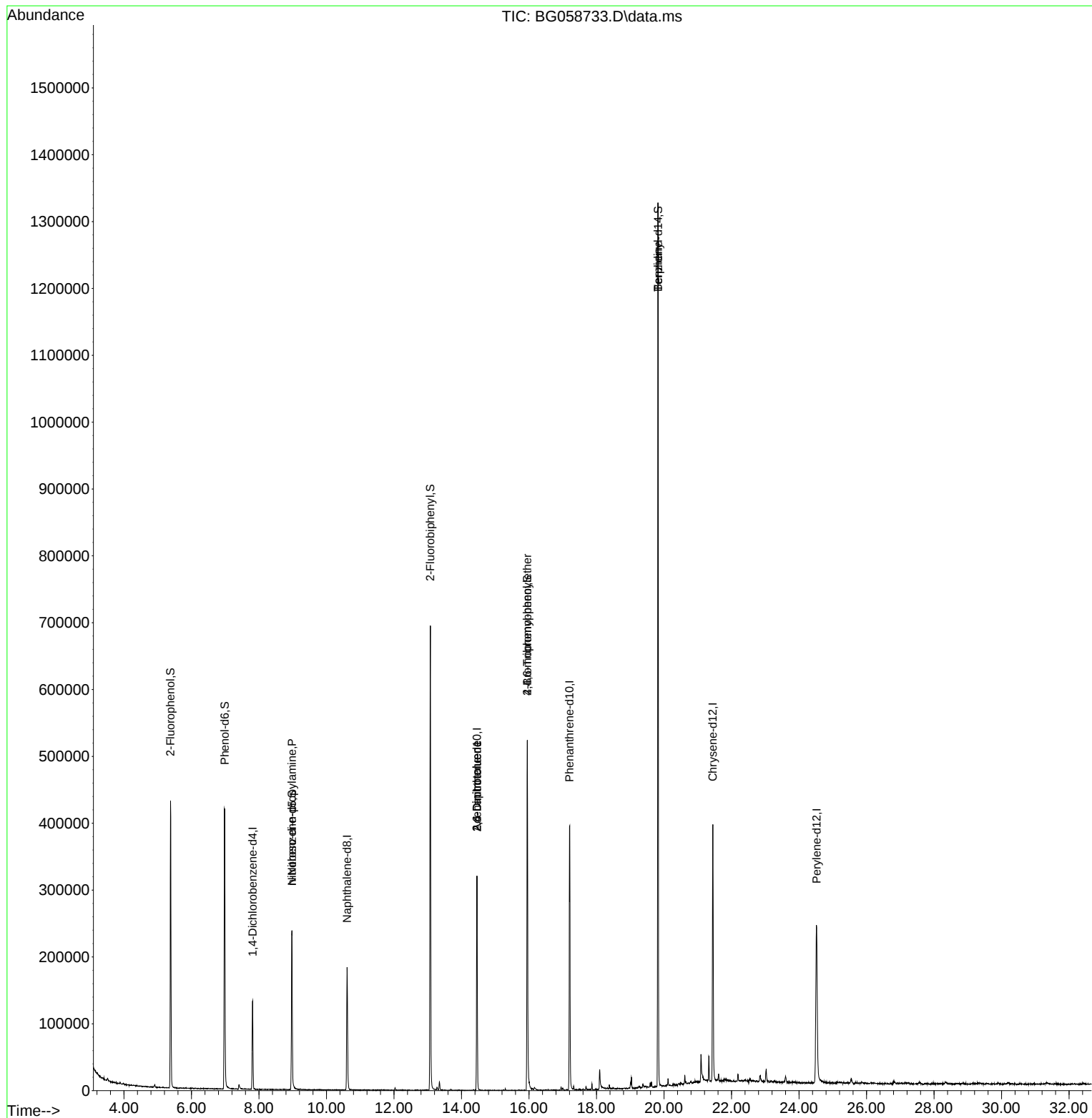
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	38595	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	166485	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	120856	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	281685	20.000	ng	0.00
76) Chrysene-d12	21.443	240	241306	20.000	ng	0.00
86) Perylene-d12	24.522	264	293033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	174574	69.136	ng	0.00
7) Phenol-d6	6.983	99	253336	72.101	ng	0.00
23) Nitrobenzene-d5	8.975	82	152751	45.073	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	125256	63.231	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	392014	48.609	ng	0.00
79) Terphenyl-d14	19.821	244	679607	52.963	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	8.975	70	19064	8.400	ng	# 83
51) 2,6-Dinitrotoluene	14.457	165	15534	7.800	ng	# 26
57) 2,4-Dinitrotoluene	14.457	165	15534	5.626	ng	# 26
67) 4-Bromophenyl-phenylether	15.949	248	7738	2.422	ng	# 1
77) Benzidine	19.821	184	8333	2.277	ng	# 95

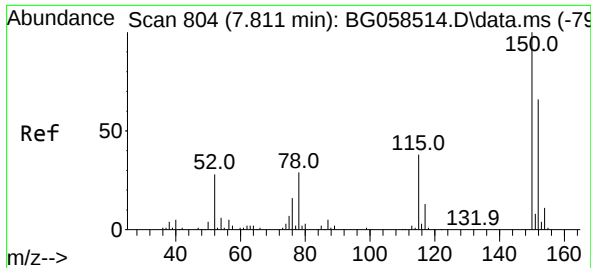
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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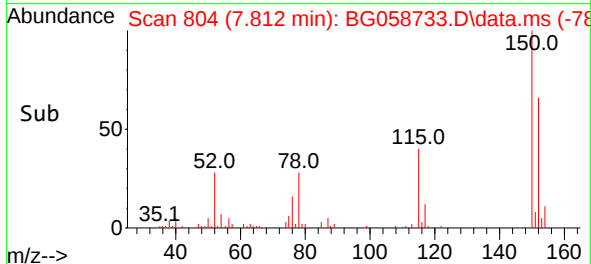
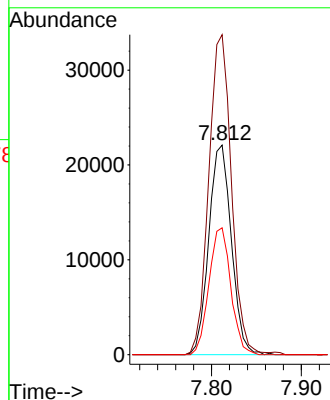
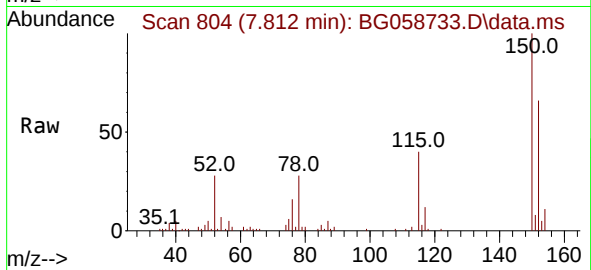




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.812 min Scan# 804
 Delta R.T. 0.001 min
 Lab File: BG058733.D
 Acq: 15 Aug 2023 15:40

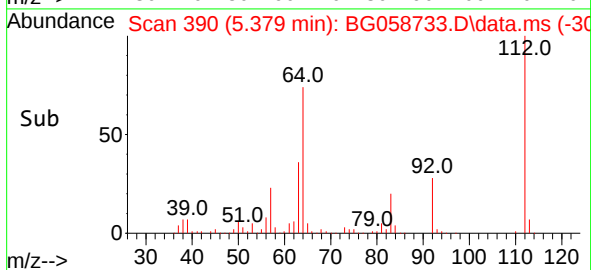
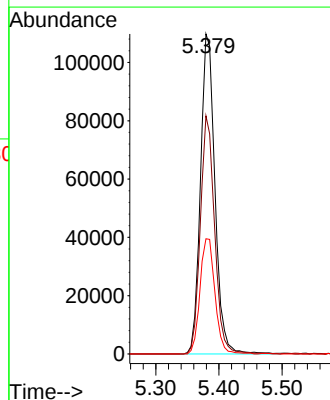
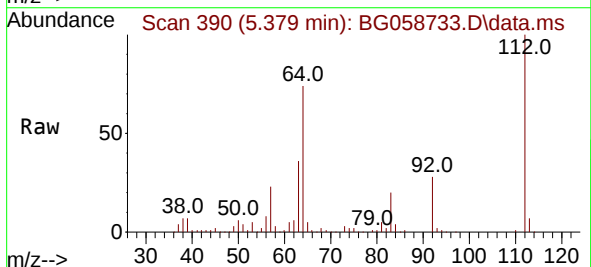
Instrument :
 BNA_G
 ClientSampleId :
 B-PP15B

Tgt Ion:152 Resp: 38595
 Ion Ratio Lower Upper
 152 100
 150 152.6 120.5 180.7
 115 60.5 45.9 68.9



#5
 2-Fluorophenol
 Concen: 69.136 ng
 RT: 5.379 min Scan# 390
 Delta R.T. -0.005 min
 Lab File: BG058733.D
 Acq: 15 Aug 2023 15:40

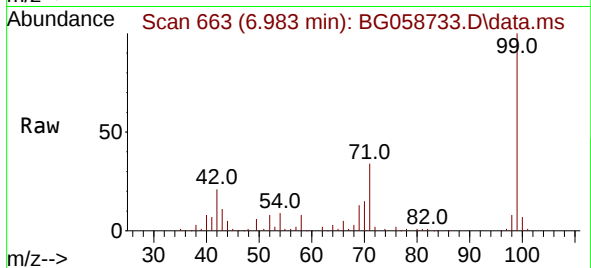
Tgt Ion:112 Resp: 174574
 Ion Ratio Lower Upper
 112 100
 64 74.4 55.3 82.9
 63 36.0 28.3 42.5



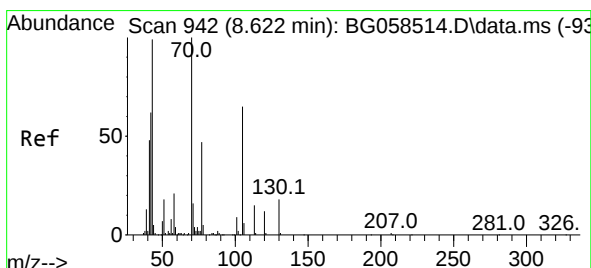
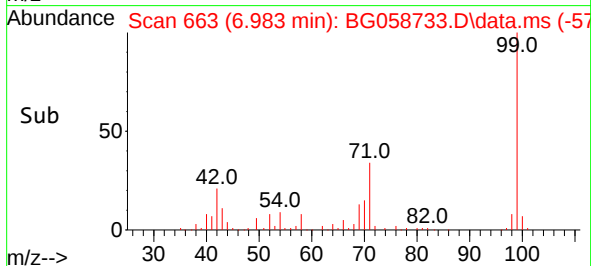
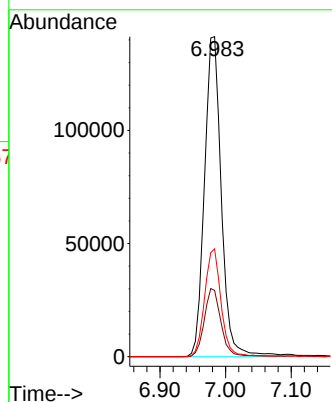


#7
Phenol-d6
Concen: 72.101 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

Instrument :
BNA_G
ClientSampleId :
B-PP15B

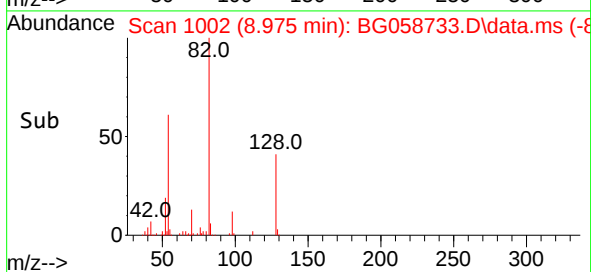
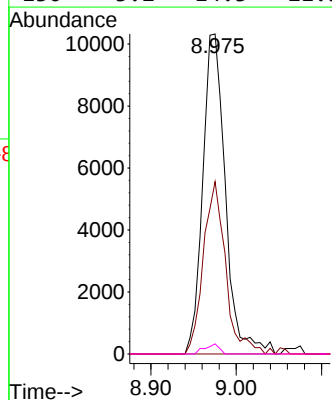
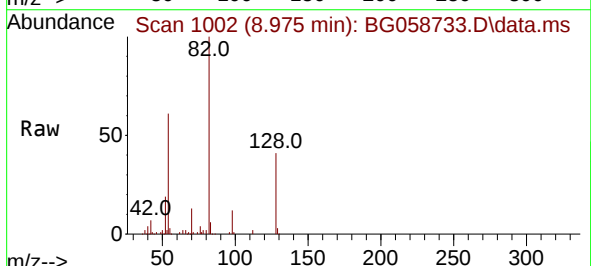


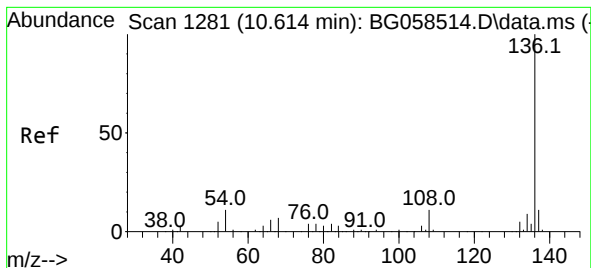
Tgt Ion:	99	Resp:	253336
Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.6	21.8
71	33.7	25.0	37.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.400 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

Tgt Ion:	70	Resp:	19064
Ion	Ratio	Lower	Upper
70	100		
42	53.8	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: 10.608 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG058733.D

Acq: 15 Aug 2023 15:40

Instrument :

BNA_G

ClientSampleId :

B-PP15B

Tgt Ion:136 Resp: 166485

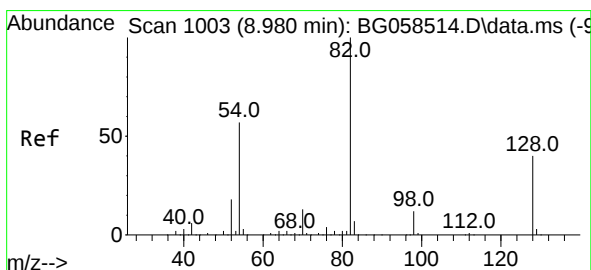
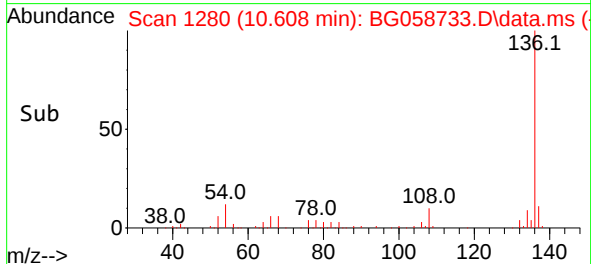
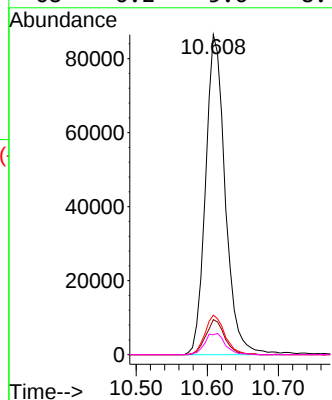
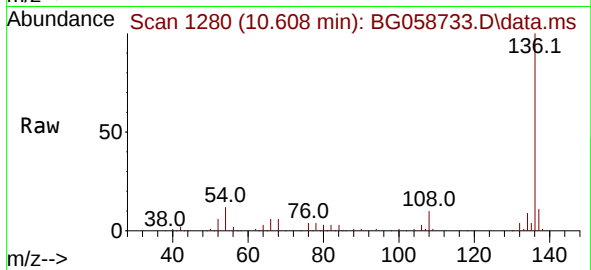
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 12.4 8.9 13.3

68 6.2 5.6 8.4



#23

Nitrobenzene-d5

Concen: 45.073 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058733.D

Acq: 15 Aug 2023 15:40

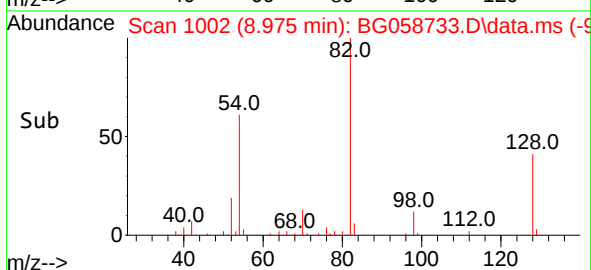
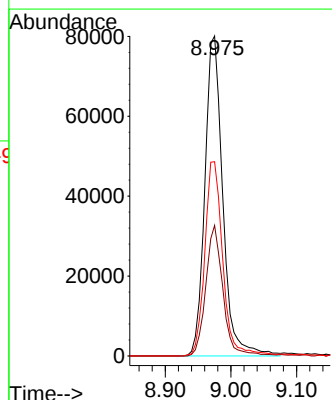
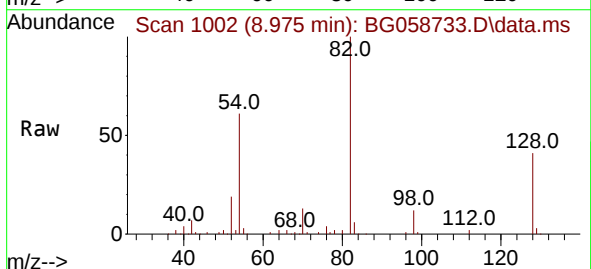
Tgt Ion: 82 Resp: 152751

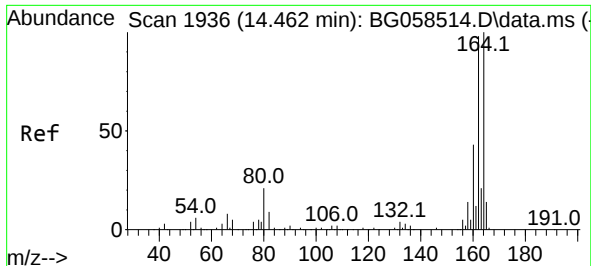
Ion Ratio Lower Upper

82 100

128 40.8 32.2 48.2

54 60.7 46.0 69.0

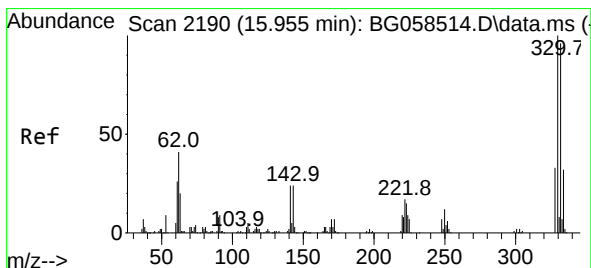
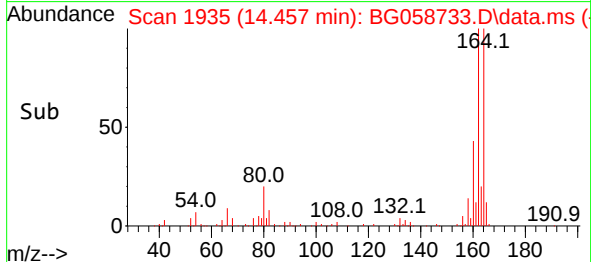
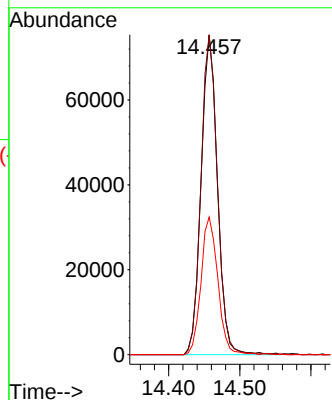
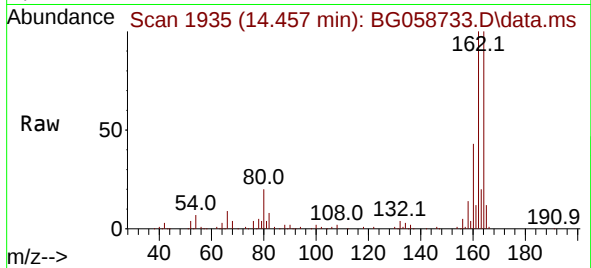




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

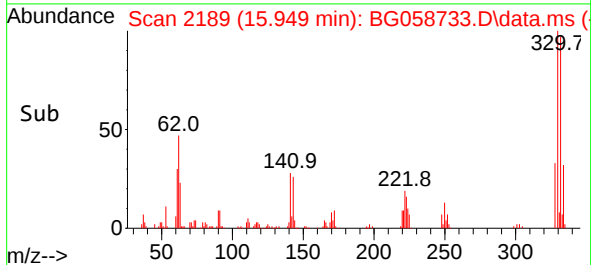
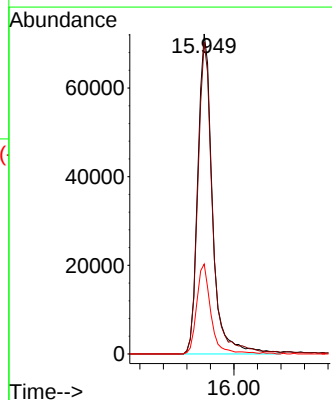
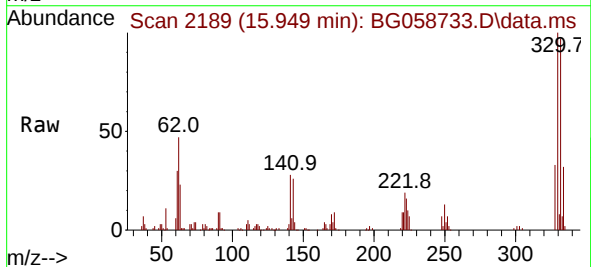
Instrument :
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ClientSampleId :
B-PP15B

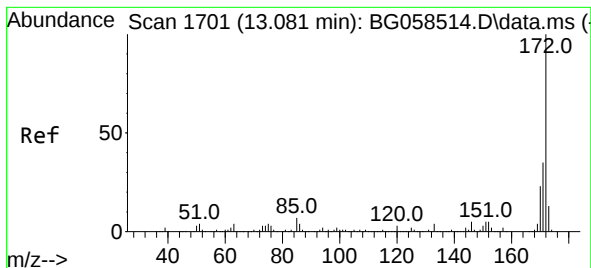
Tgt Ion:164 Resp: 120856
Ion Ratio Lower Upper
164 100
162 100.2 78.3 117.5
160 43.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 63.231 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

Tgt Ion:330 Resp: 125256
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 27.0 20.7 31.1

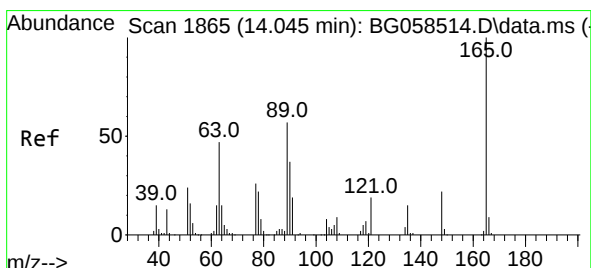
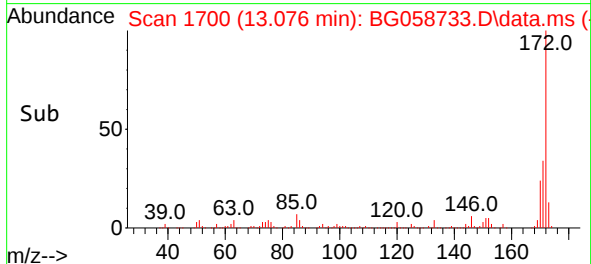
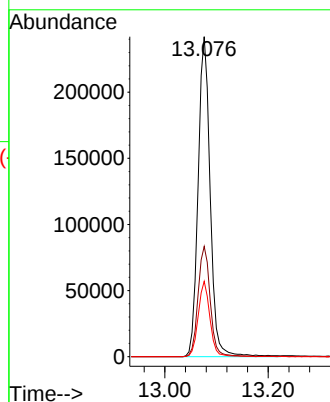
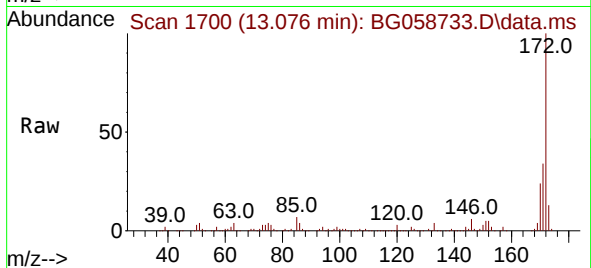




#45
2-Fluorobiphenyl
Concen: 48.609 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

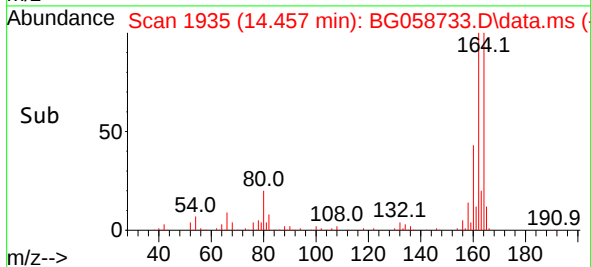
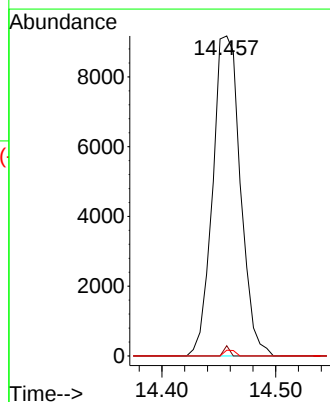
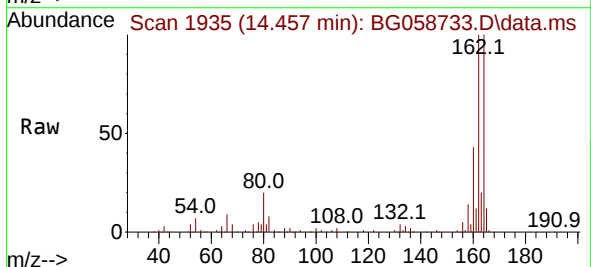
Instrument :
BNA_G
ClientSampleId :
B-PP15B

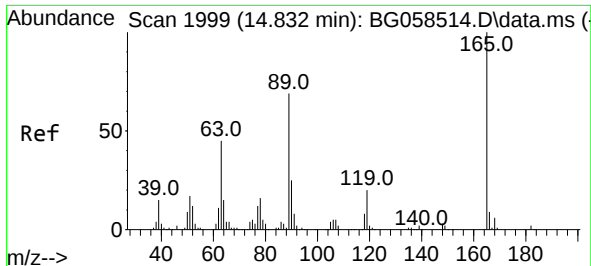
Tgt Ion:172 Resp: 392014
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.5 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.800 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

Tgt Ion:165 Resp: 15534
Ion Ratio Lower Upper
165 100
63 3.2 46.4 69.6#
89 1.8 45.3 67.9#

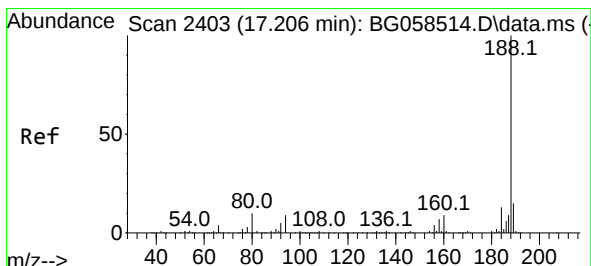
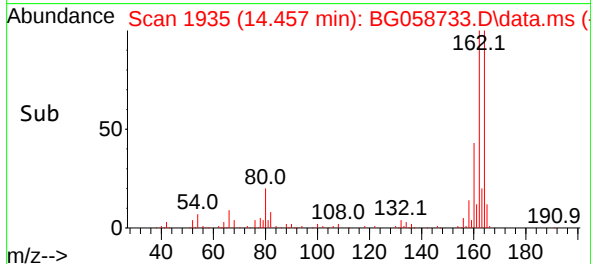
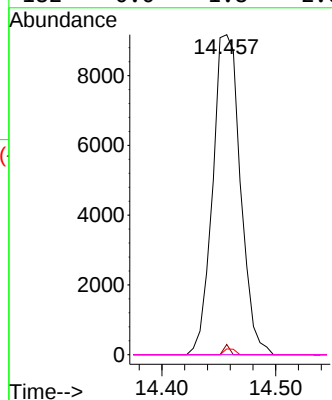
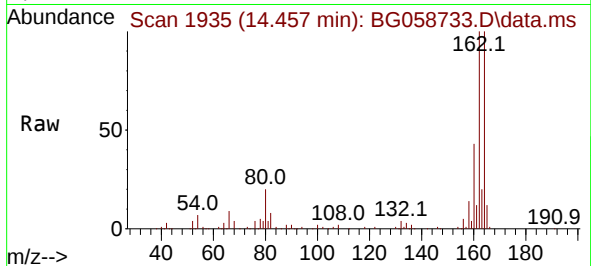




#57
2,4-Dinitrotoluene
Concen: 5.626 ng
RT: 14.457 min Scan# 1999
Delta R.T. -0.375 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

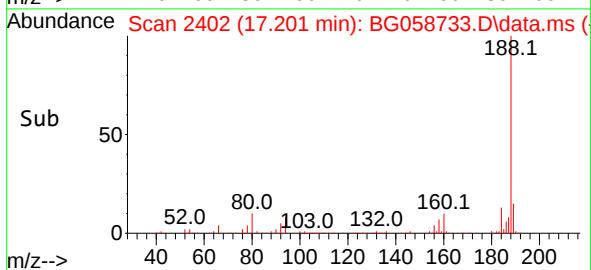
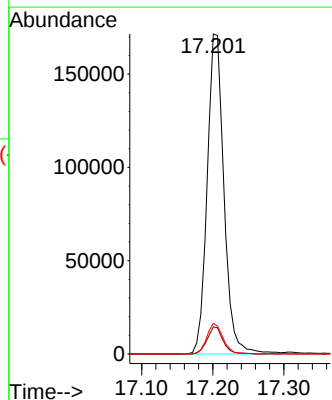
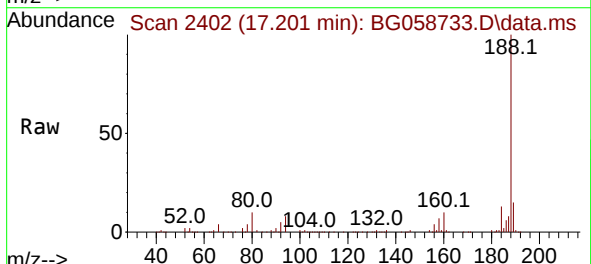
Instrument :
BNA_G
ClientSampleId :
B-PP15B

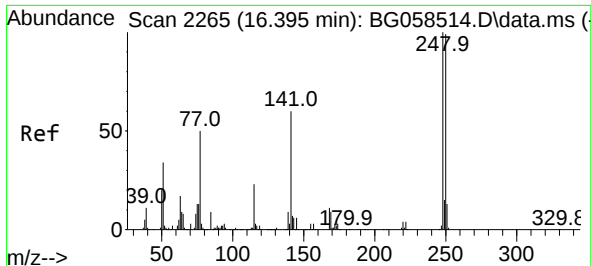
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Ion Ratio Lower Upper
165 100
63 3.2 36.6 54.8#
89 1.8 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

Tgt Ion:188 Resp: 281685
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.6 8.1 12.1

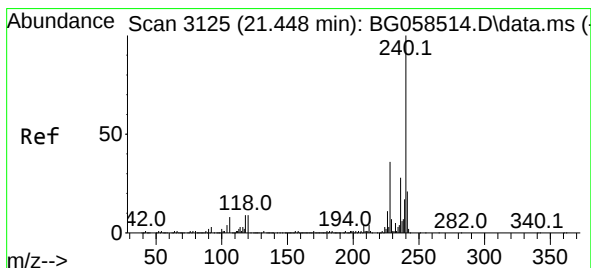
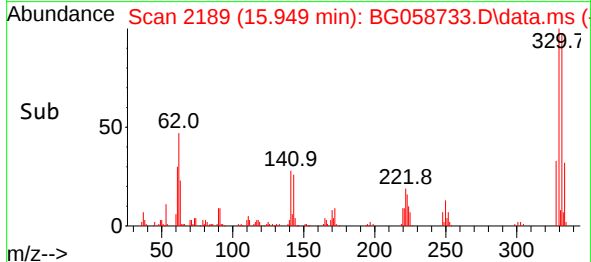
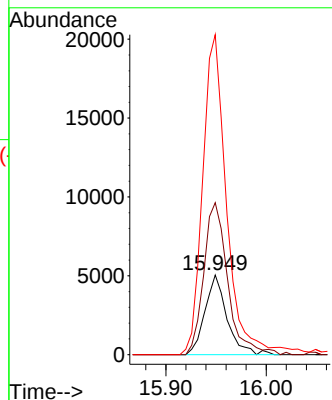
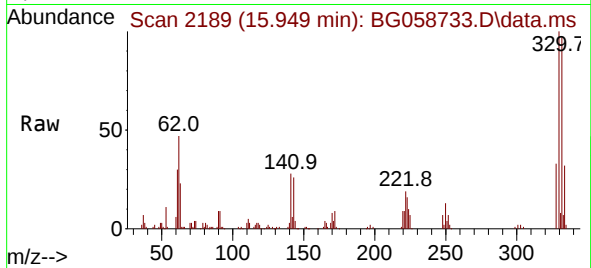




#67
4-Bromophenyl-phenylether
Concen: 2.422 ng
RT: 15.949 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

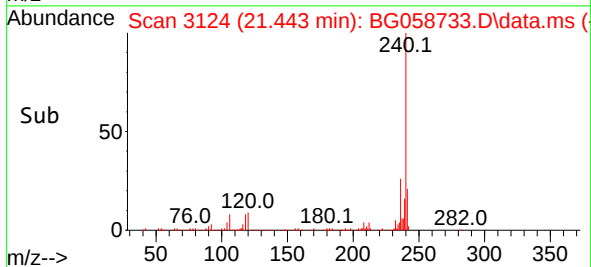
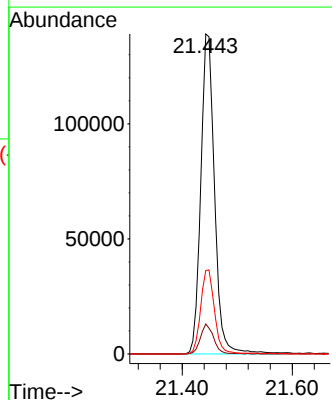
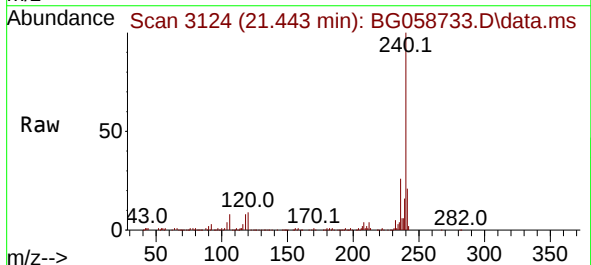
Instrument :
BNA_G
ClientSampleId :
B-PP15B

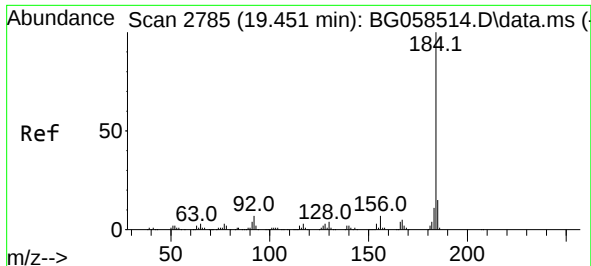
Tgt Ion:248 Resp: 7738
Ion Ratio Lower Upper
248 100
250 148.5 79.5 119.3#
141 312.5 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

Tgt Ion:240 Resp: 241306
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 26.1 22.2 33.4

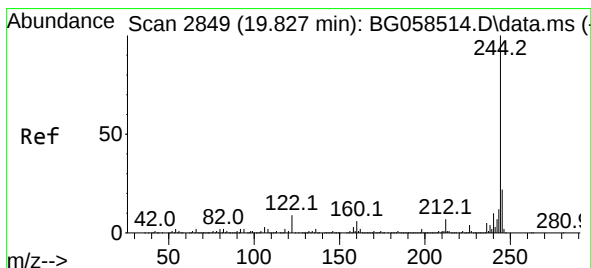
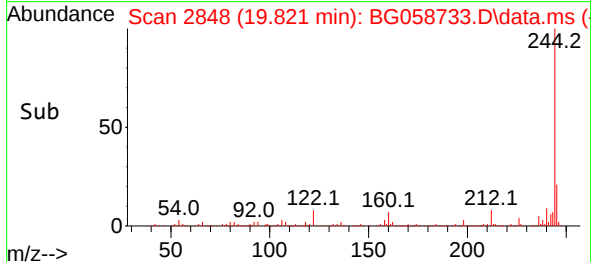
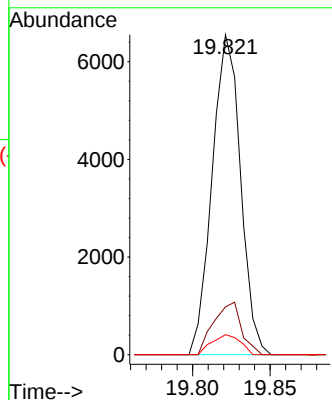
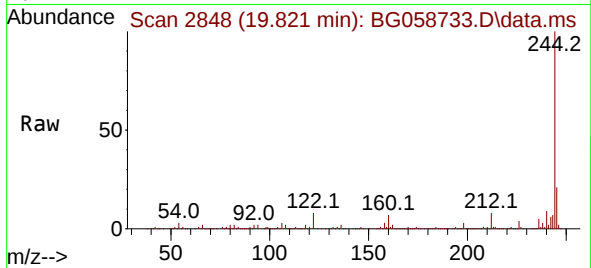




#77
Benzidine
Concen: 2.277 ng
RT: 19.821 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

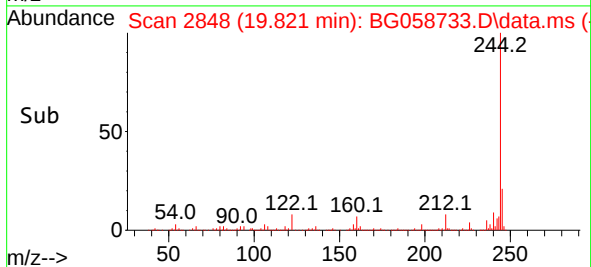
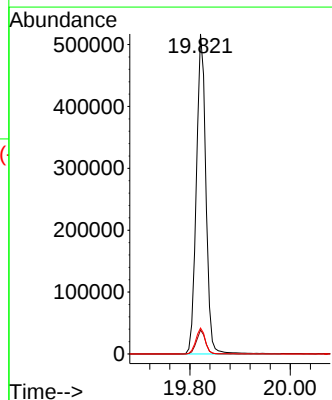
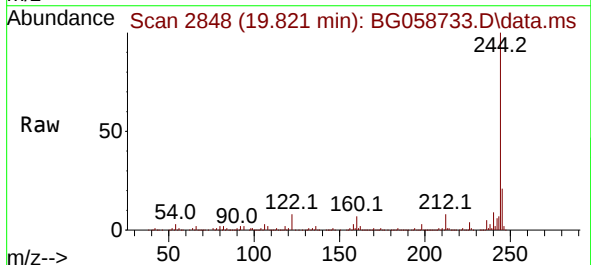
Instrument :
BNA_G
ClientSampleId :
B-PP15B

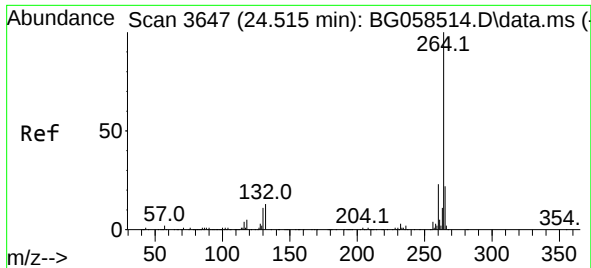
Tgt Ion:184 Resp: 8333
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 6.3 8.7 13.1#



#79
Terphenyl-d14
Concen: 52.963 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.005 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

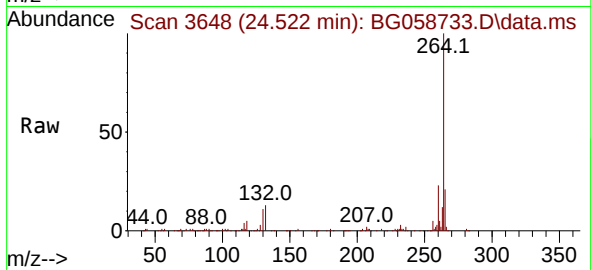
Tgt Ion:244 Resp: 679607
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 8.1 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG058733.D
 Acq: 15 Aug 2023 15:40

Instrument :
 BNA_G
 ClientSampleId :
 B-PP15B



Tgt Ion:264 Resp: 293033
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.1 17.9 26.9

