

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058833.D
 Acq On : 24 Aug 2023 11:05
 Operator : MA/JU
 Sample : PB155001BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB155001BL

Quant Time: Aug 24 11:37:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

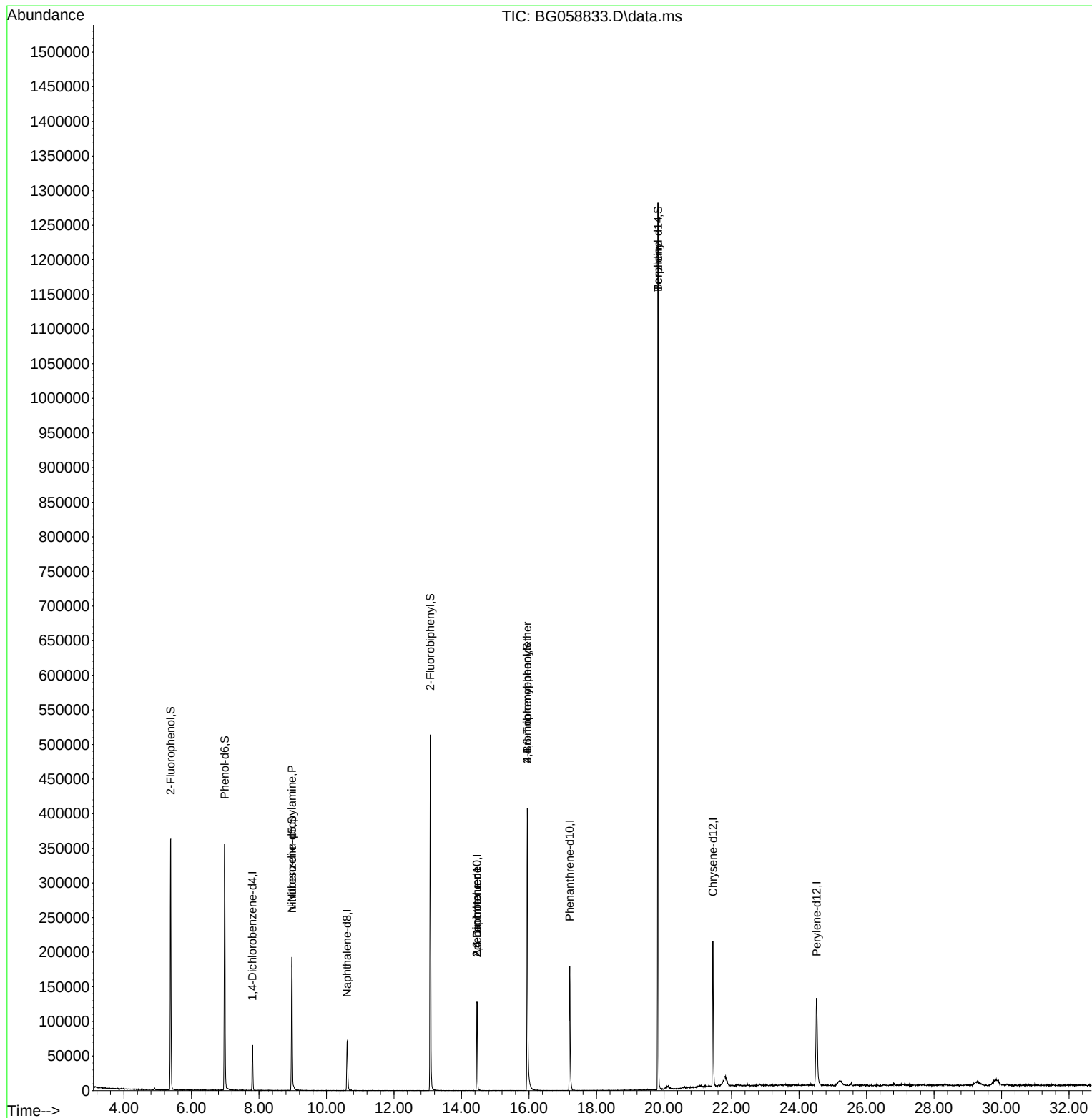
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	18416	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	73687	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	53683	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	144319	20.000	ng	0.00
76) Chrysene-d12	21.448	240	141534	20.000	ng	0.00
86) Perylene-d12	24.521	264	172028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	148934	130.144	ng	0.00
7) Phenol-d6	6.983	99	197254	122.855	ng	0.00
23) Nitrobenzene-d5	8.975	82	121093	79.008	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	106993	127.109	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	295953	80.184	ng	0.00
79) Terphenyl-d14	19.821	244	678201	86.041	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	15349	14.789	ng	# 72
51) 2,6-Dinitrotoluene	14.457	165	6692	7.663	ng	# 22
57) 2,4-Dinitrotoluene	14.457	165	6692	5.494	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	6720	4.243	ng	# 1
77) Benzidine	19.821	184	9818	3.871	ng	# 88

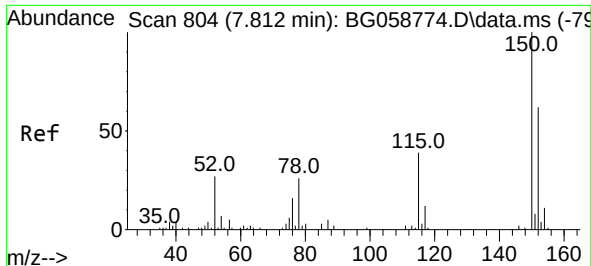
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

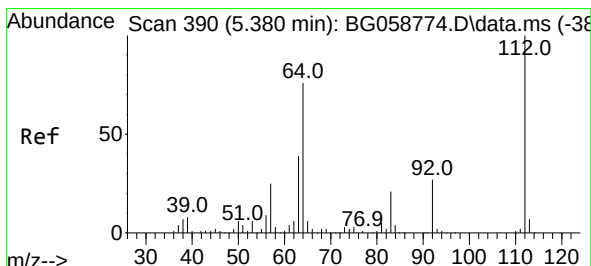
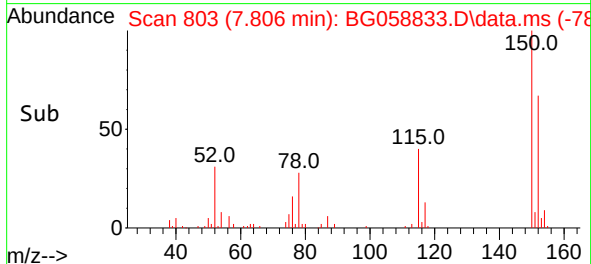
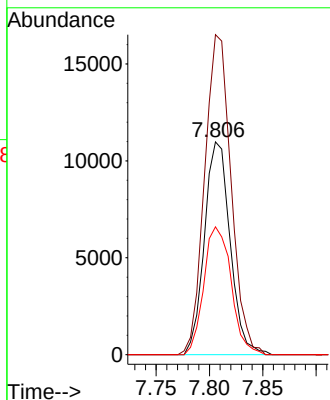
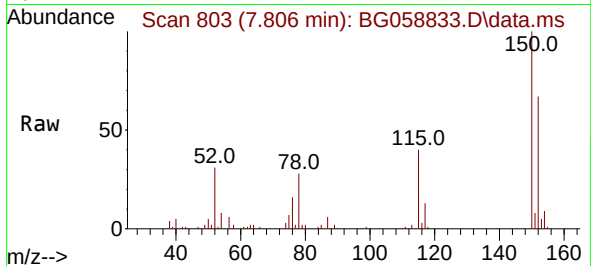




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

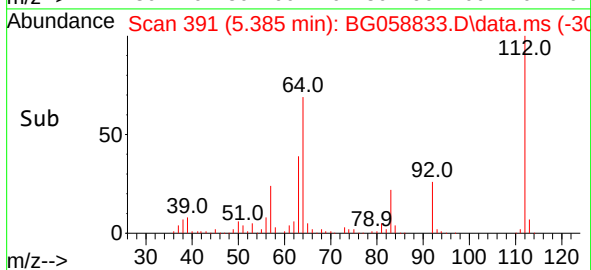
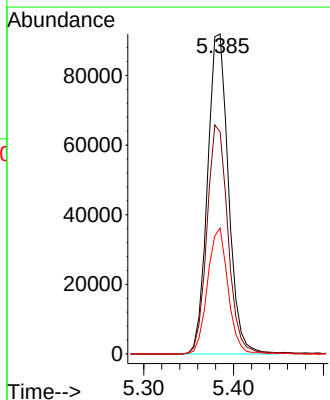
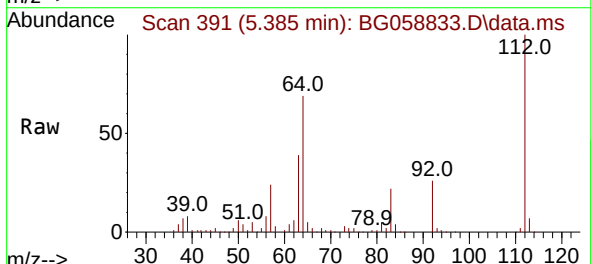
Instrument :
BNA_G
ClientSampleId :
PB155001BL

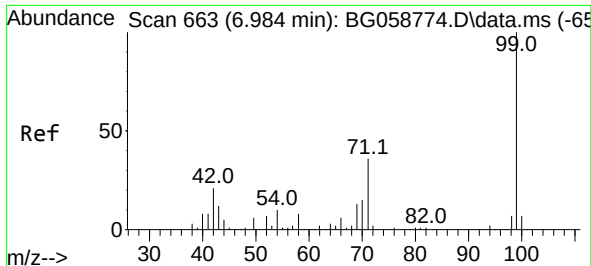
Tgt Ion:152 Resp: 18416
Ion Ratio Lower Upper
152 100
150 150.4 128.6 192.8
115 60.1 50.4 75.6



#5
2-Fluorophenol
Concen: 130.144 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.005 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

Tgt Ion:112 Resp: 148934
Ion Ratio Lower Upper
112 100
64 69.4 60.6 90.8
63 39.3 31.0 46.4

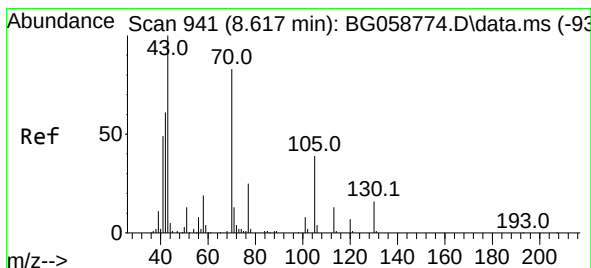
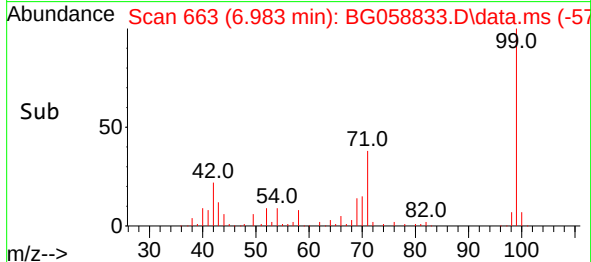
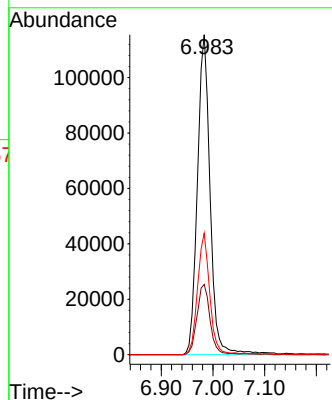
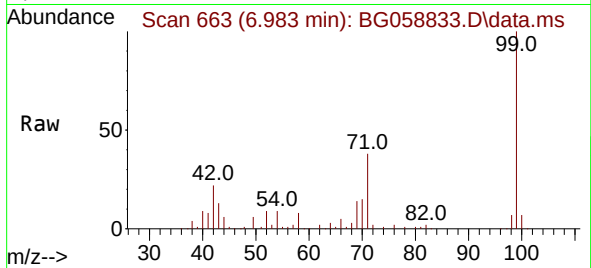




#7
Phenol-d6
Concen: 122.855 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

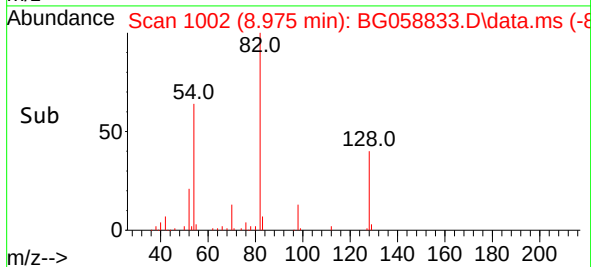
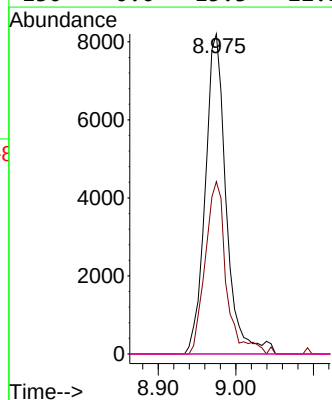
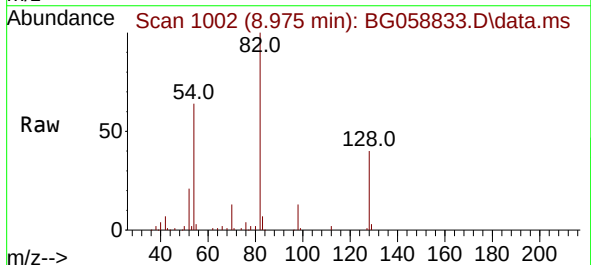
Instrument :
BNA_G
ClientSampleId :
PB155001BL

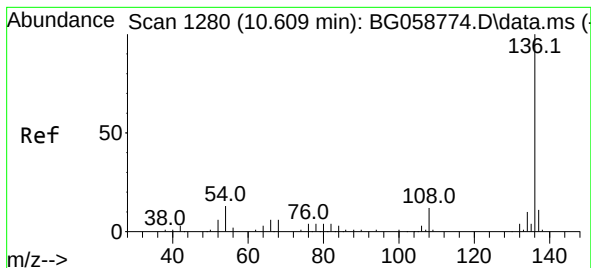
Tgt Ion: 99 Resp: 197254
Ion Ratio Lower Upper
99 100
42 21.9 16.5 24.7
71 38.0 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.789 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.358 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

Tgt Ion: 70 Resp: 15349
Ion Ratio Lower Upper
70 100
42 53.9 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.608 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG058833.D

Acq: 24 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB155001BL

Tgt Ion:136 Resp: 73687

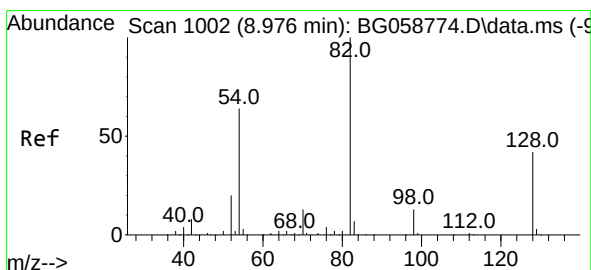
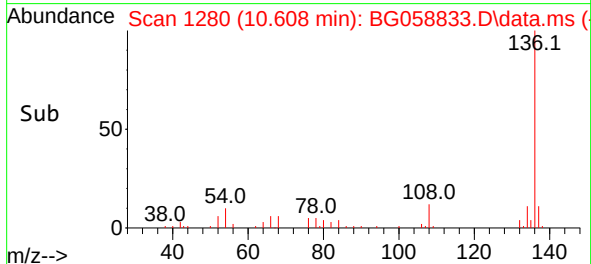
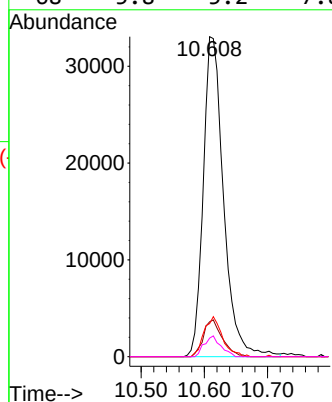
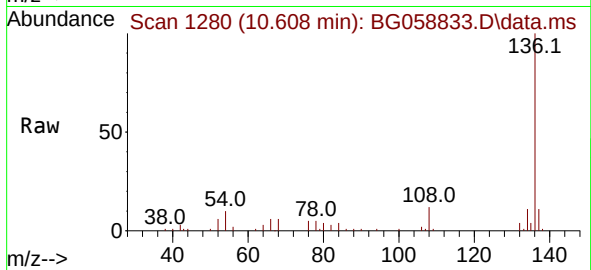
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.3 10.1 15.1

68 5.8 5.2 7.8



#23

Nitrobenzene-d5

Concen: 79.008 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.001 min

Lab File: BG058833.D

Acq: 24 Aug 2023 11:05

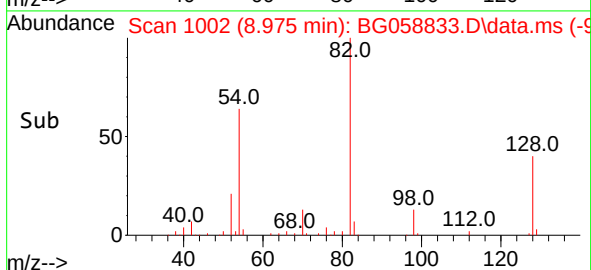
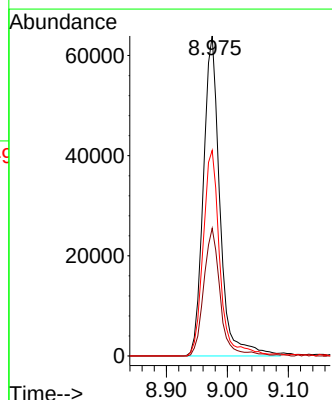
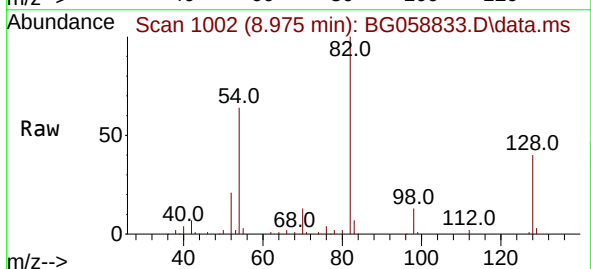
Tgt Ion: 82 Resp: 121093

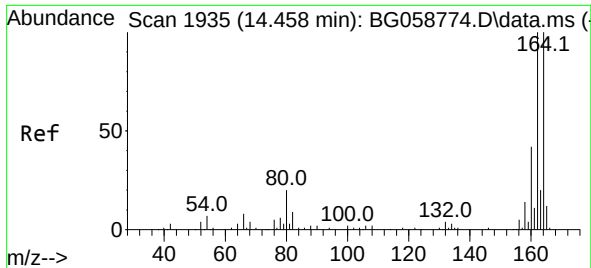
Ion Ratio Lower Upper

82 100

128 39.9 33.2 49.8

54 64.2 51.2 76.8

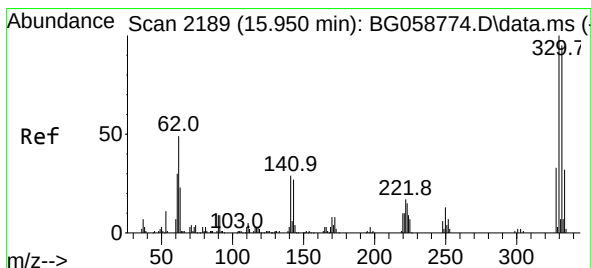
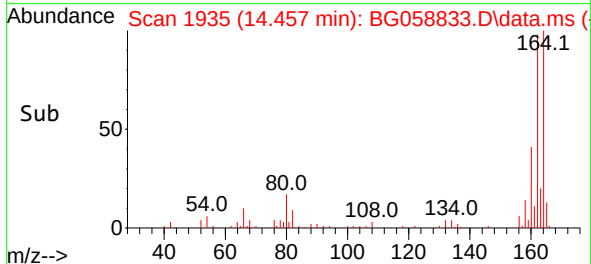
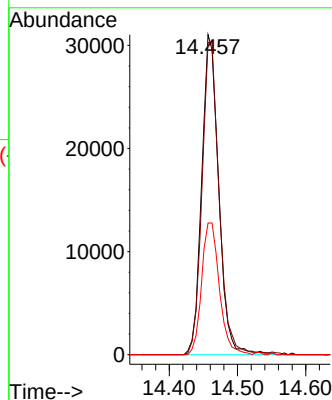
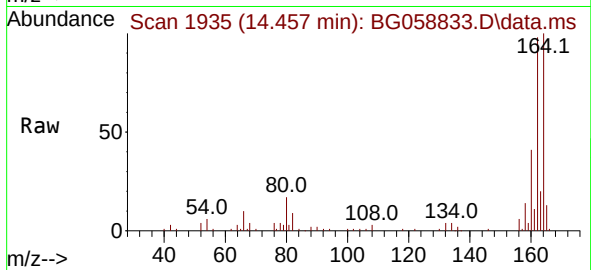




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

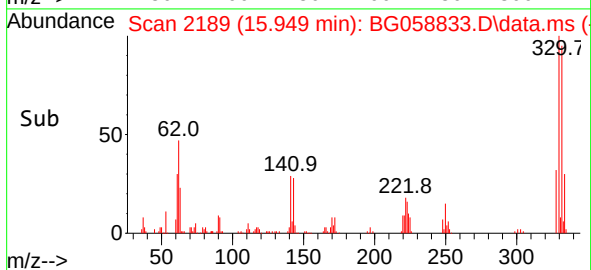
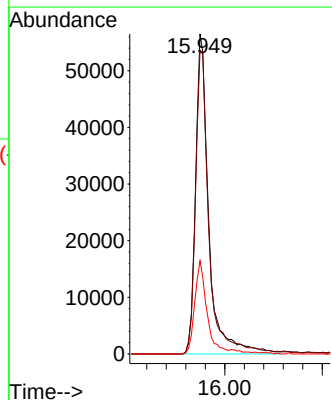
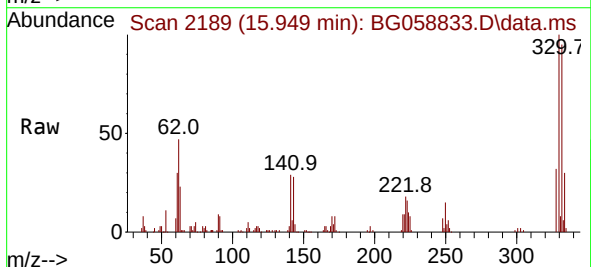
Instrument :
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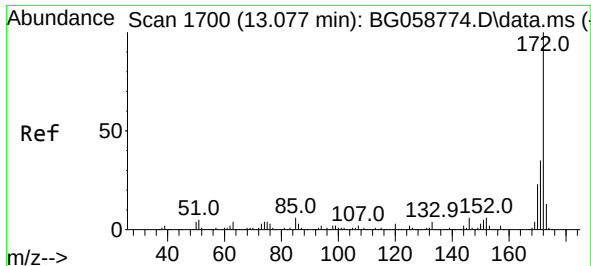
Tgt Ion:164 Resp: 53683
Ion Ratio Lower Upper
164 100
162 97.6 79.6 119.4
160 41.1 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 127.109 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

Tgt Ion:330 Resp: 106993
Ion Ratio Lower Upper
330 100
332 95.7 78.5 117.7
141 26.6 23.0 34.6

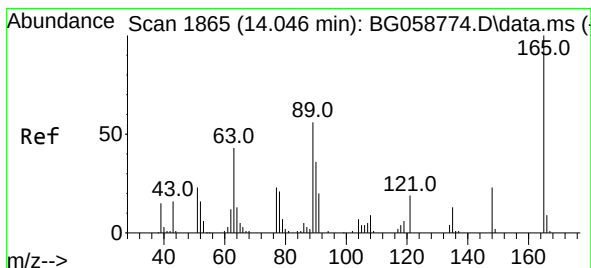
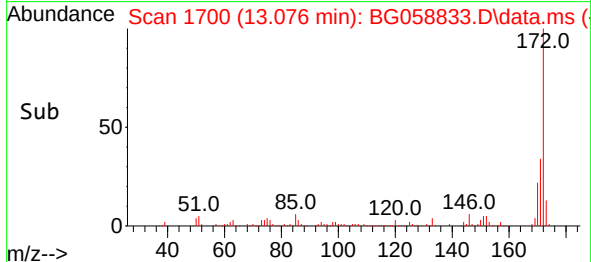
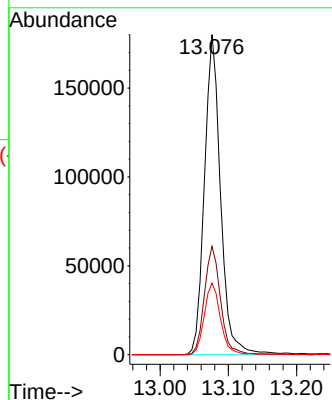
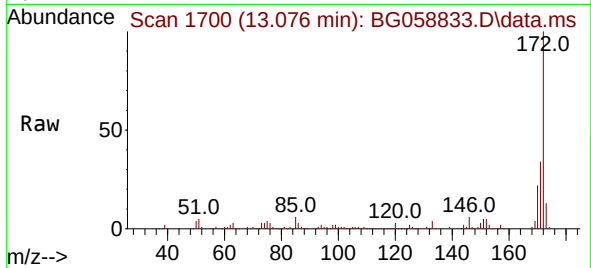




#45
 2-Fluorobiphenyl
 Concen: 80.184 ng
 RT: 13.076 min Scan# 1
 Delta R.T. -0.001 min
 Lab File: BG058833.D
 Acq: 24 Aug 2023 11:05

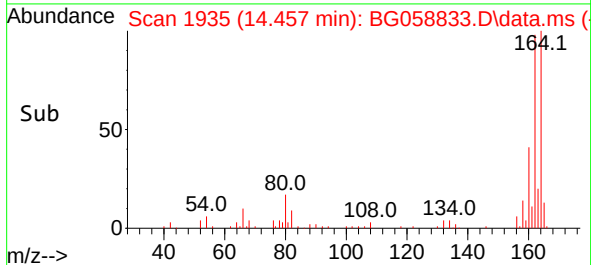
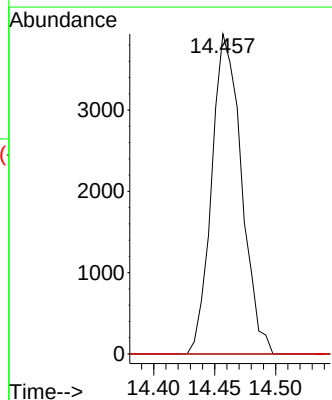
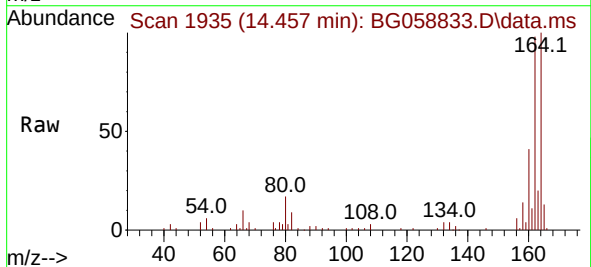
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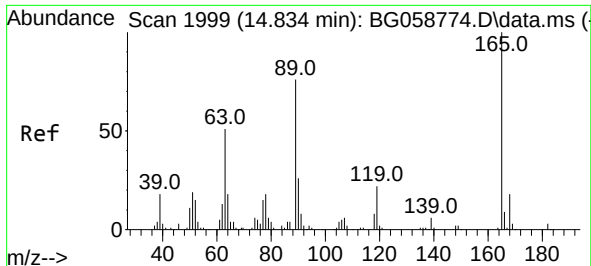
Tgt Ion:172 Resp: 295953
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.1 42.1
 170 22.4 18.6 27.8



#51
 2,6-Dinitrotoluene
 Concen: 7.663 ng
 RT: 14.457 min Scan# 1935
 Delta R.T. 0.410 min
 Lab File: BG058833.D
 Acq: 24 Aug 2023 11:05

Tgt Ion:165 Resp: 6692
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.2 70.8#
 89 0.0 45.0 67.4#

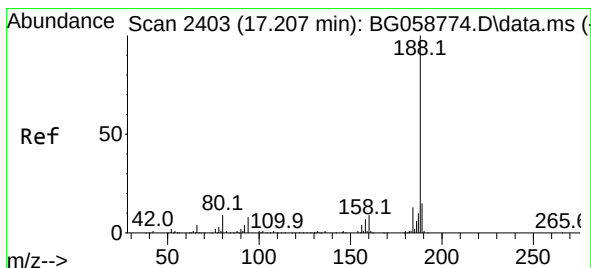
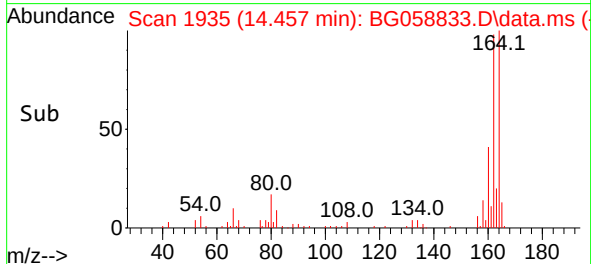
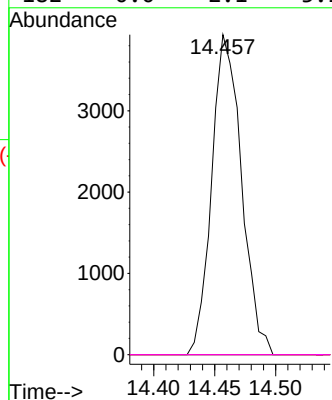
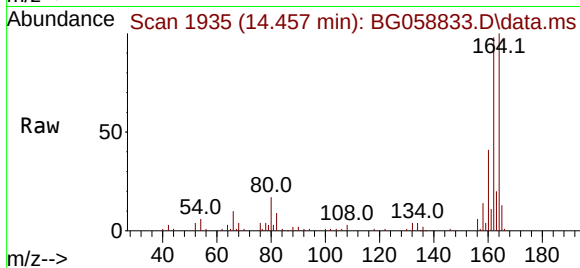




#57
2,4-Dinitrotoluene
Concen: 5.494 ng
RT: 14.457 min Scan# 1999
Delta R.T. -0.377 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

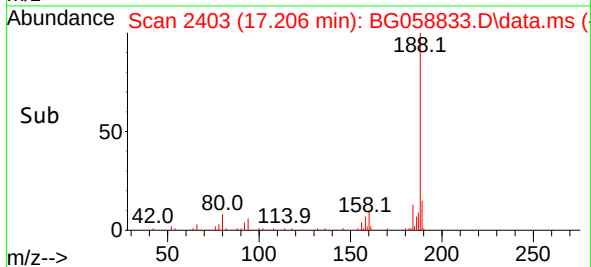
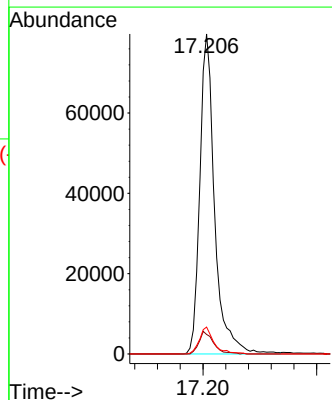
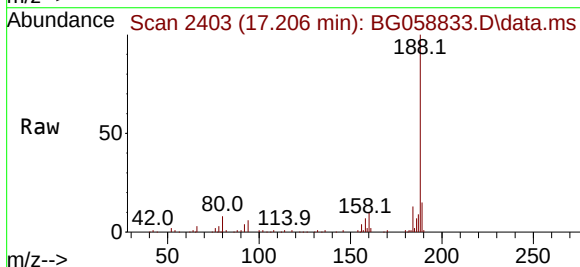
Instrument :
BNA_G
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PB155001BL

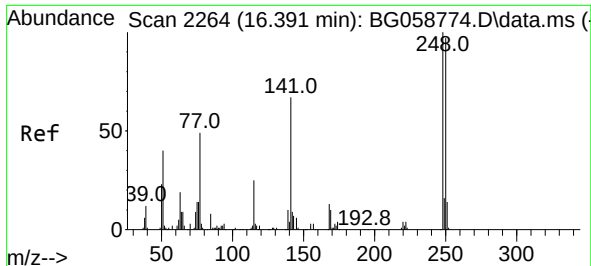
Tgt Ion:	165	Resp:	6692
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.6#
89	0.0	60.7	91.1#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

Tgt Ion:	188	Resp:	144319
Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.1	9.1
80	8.4	6.9	10.3

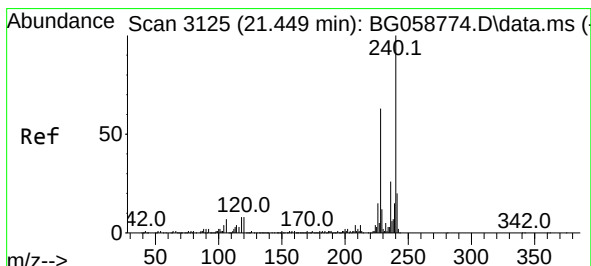
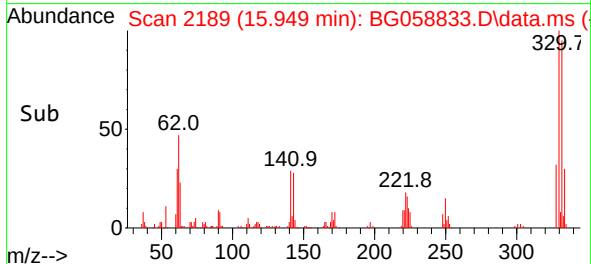
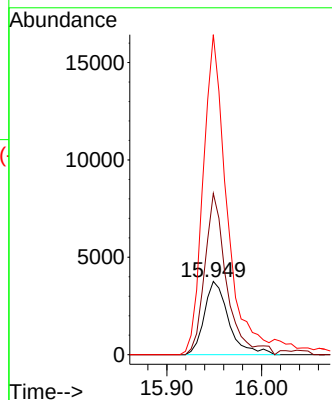
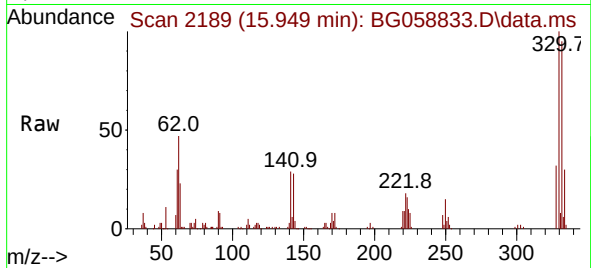




#67
4-Bromophenyl-phenylether
Concen: 4.243 ng
RT: 15.949 min Scan# 2119
Delta R.T. -0.442 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

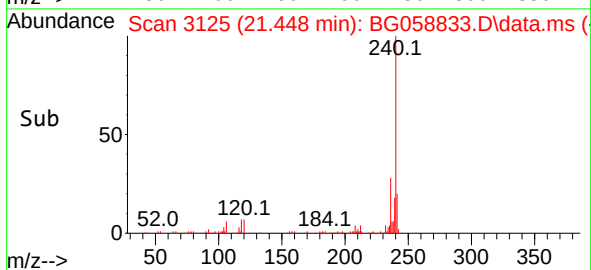
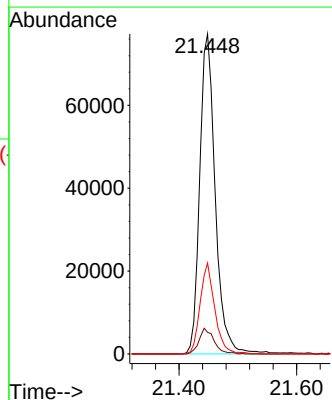
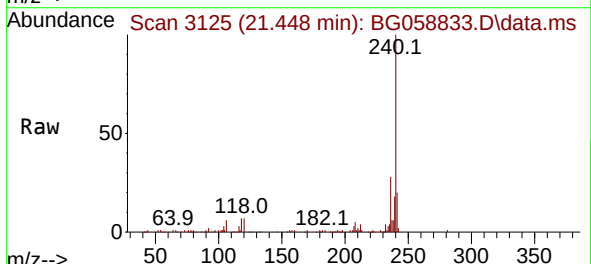
Instrument :
BNA_G
ClientSampleId :
PB155001BL

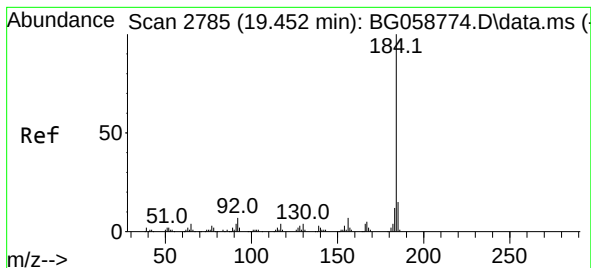
Tgt Ion:248 Resp: 6720
Ion Ratio Lower Upper
248 100
250 220.3 77.7 116.5#
141 437.0 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

Tgt Ion:240 Resp: 141534
Ion Ratio Lower Upper
240 100
120 6.8 6.2 9.2
236 28.5 20.5 30.7





#77

Benzidine

Concen: 3.871 ng

RT: 19.821 min Scan# 21

Delta R.T. 0.369 min

Lab File: BG058833.D

Acq: 24 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB155001BL

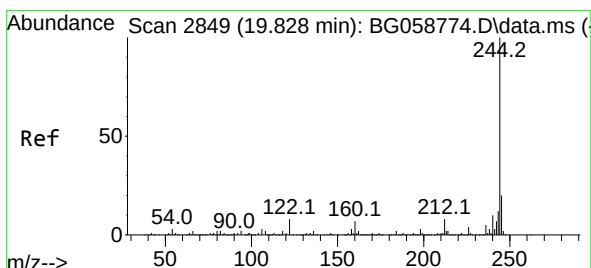
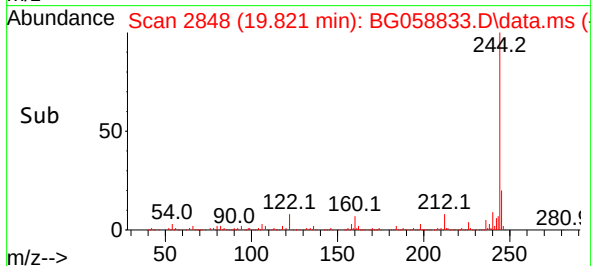
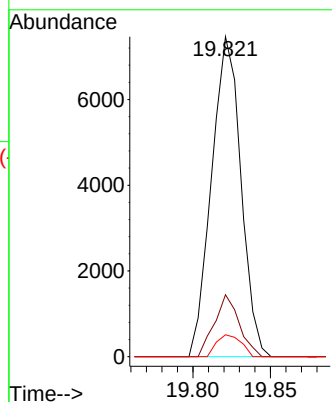
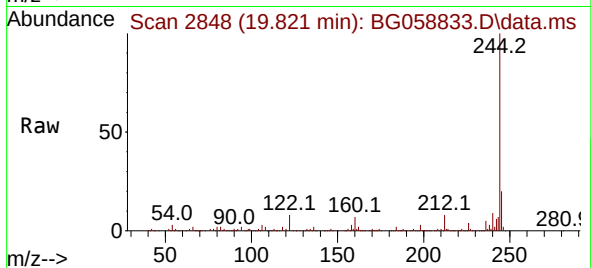
Tgt Ion:184 Resp: 9818

Ion Ratio Lower Upper

184 100

185 19.4 11.9 17.9#

183 6.8 10.0 15.0#



#79

Terphenyl-d14

Concen: 86.041 ng

RT: 19.821 min Scan# 2848

Delta R.T. -0.007 min

Lab File: BG058833.D

Acq: 24 Aug 2023 11:05

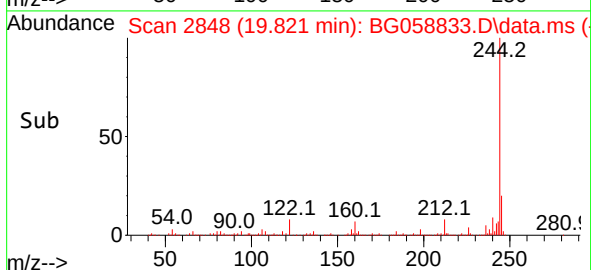
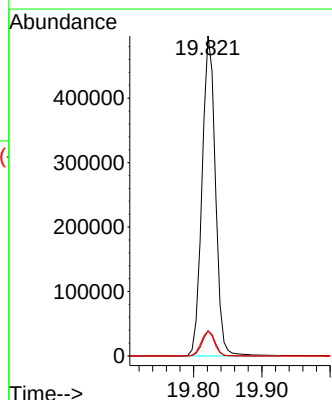
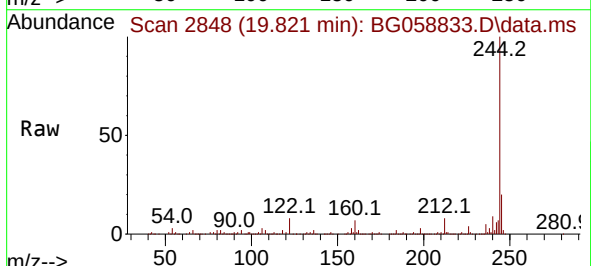
Tgt Ion:244 Resp: 678201

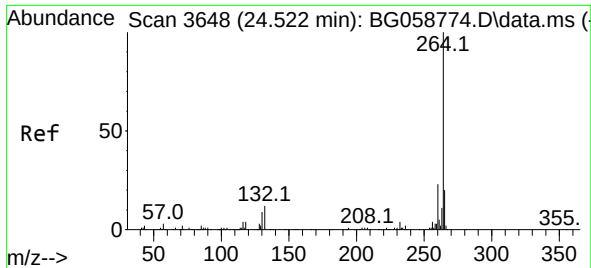
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

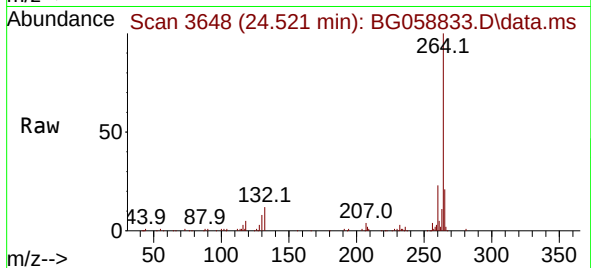
122 7.8 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG058833.D
 Acq: 24 Aug 2023 11:05

Instrument :
 BNA_G
 ClientSampleId :
 PB155001BL



Tgt Ion:	264	Resp:	172028
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	20.6	16.4	24.6

