

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058824.D
 Acq On : 23 Aug 2023 16:15
 Operator : MA/JU
 Sample : 04110-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12(5-7)

Quant Time: Aug 23 16:50:53 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)

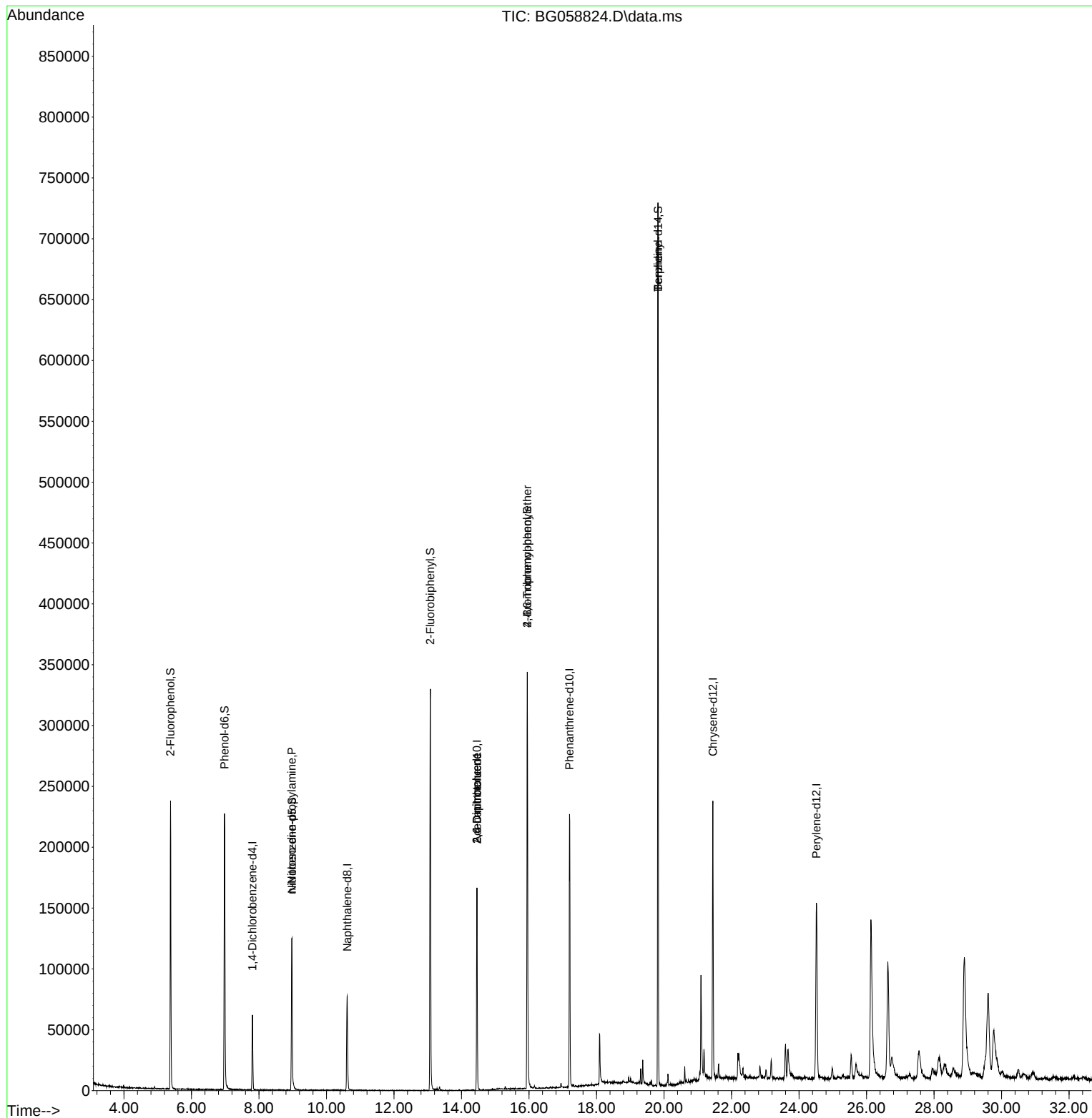
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	16931	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	76459	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	62187	20.000	ng	0.00
64) Phenanthrene-d10	17.200	188	157412	20.000	ng	0.00
76) Chrysene-d12	21.448	240	133825	20.000	ng	0.00
86) Perylene-d12	24.515	264	163878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	94332	89.661	ng	0.00
7) Phenol-d6	6.977	99	135831	92.019	ng	0.00
23) Nitrobenzene-d5	8.975	82	84306	53.012	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	80552	82.611	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	200724	46.946	ng	0.00
79) Terphenyl-d14	19.821	244	364732	48.938	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.969	70	10636	11.147	ng	Qvalue # 66
51) 2,6-Dinitrotoluene	14.456	165	7839	7.749	ng	# 22
57) 2,4-Dinitrotoluene	14.456	165	7839	5.556	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	5060	2.929	ng	# 1
77) Benzidine	19.821	184	5344	2.228	ng	# 92

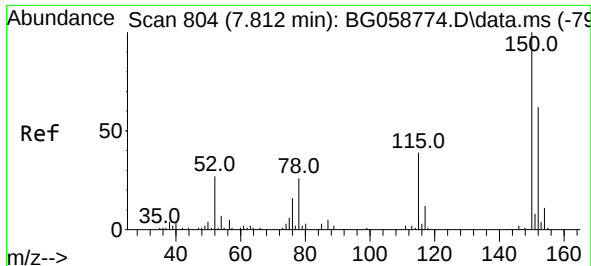
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-12(5-7)

Quant Time: Aug 23 16:50:53 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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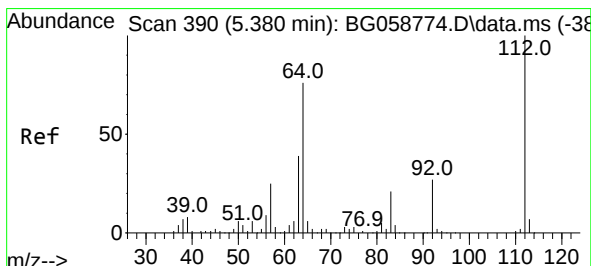
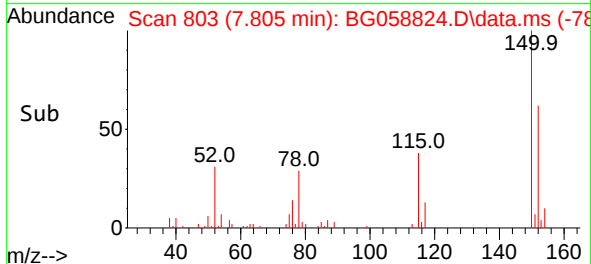
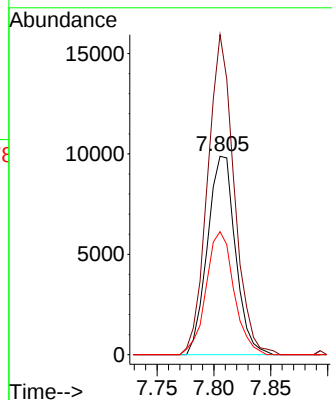
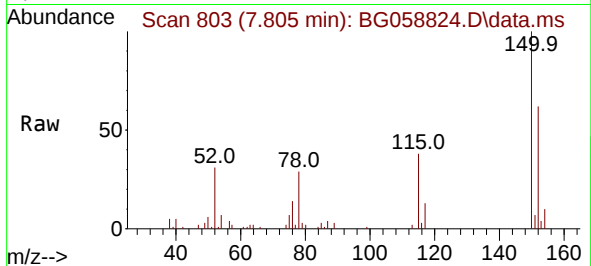




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 804
Delta R.T. -0.007 min
Lab File: BG058824.D
Acq: 23 Aug 2023 16:15

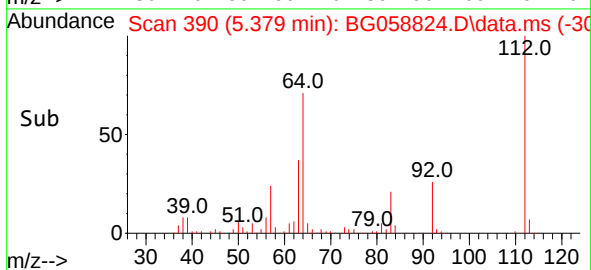
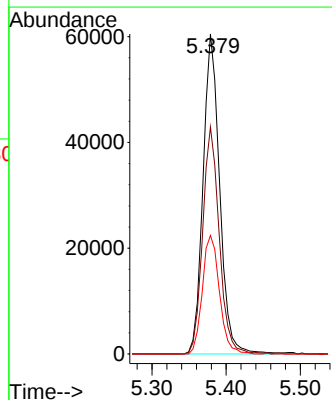
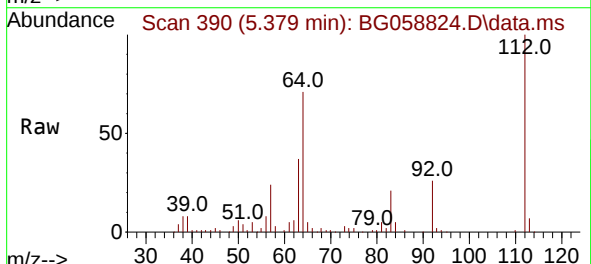
Instrument :
BNA_G
ClientSampleId :
TP-12(5-7)

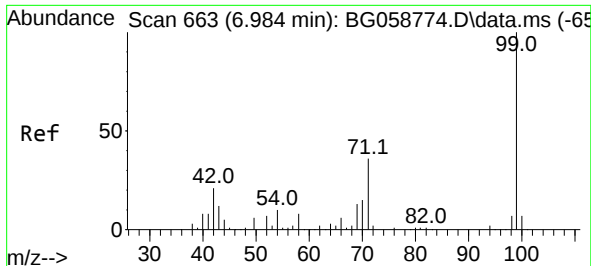
Tgt Ion:152 Resp: 16931
Ion Ratio Lower Upper
152 100
150 161.3 128.6 192.8
115 62.0 50.4 75.6



#5
2-Fluorophenol
Concen: 89.661 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058824.D
Acq: 23 Aug 2023 16:15

Tgt Ion:112 Resp: 94332
Ion Ratio Lower Upper
112 100
64 71.0 60.6 90.8
63 37.0 31.0 46.4

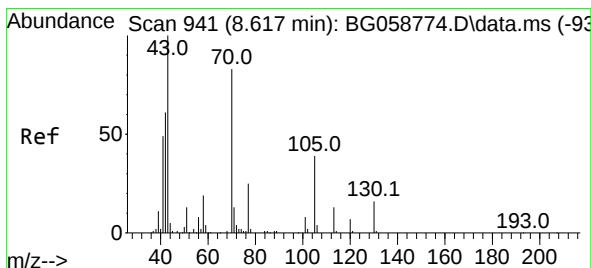
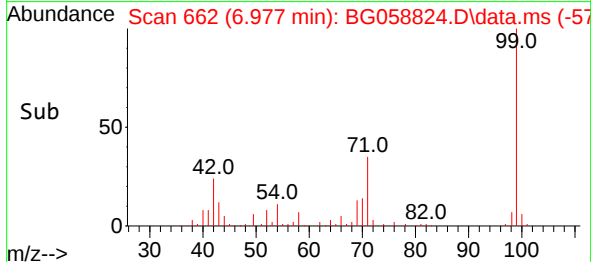
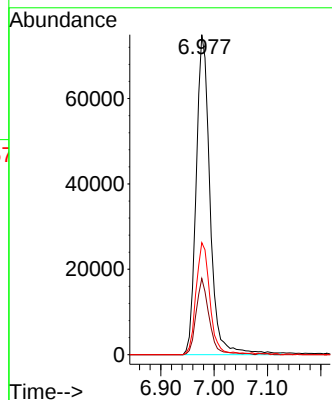
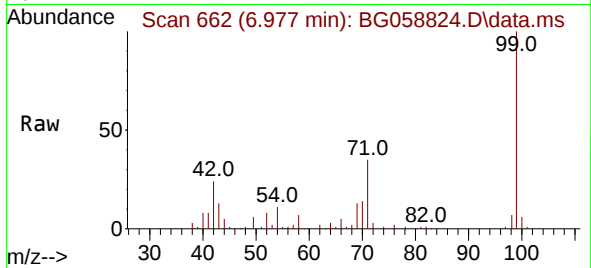




#7
Phenol-d6
Concen: 92.019 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058824.D
Acq: 23 Aug 2023 16:15

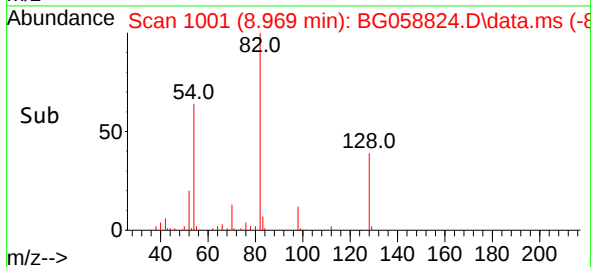
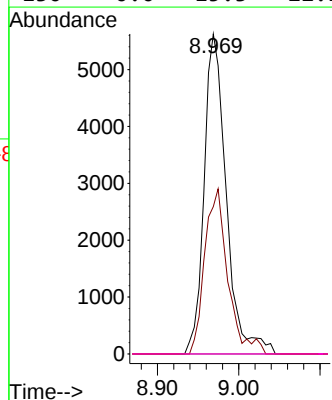
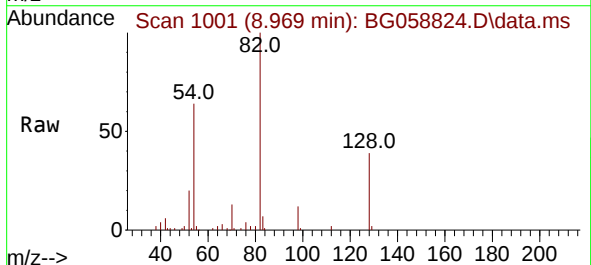
Instrument :
BNA_G
ClientSampleId :
TP-12(5-7)

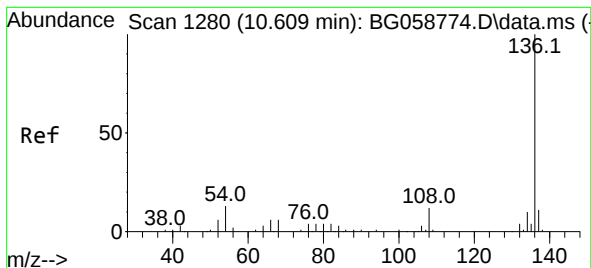
Tgt Ion: 99 Resp: 135831
Ion Ratio Lower Upper
99 100
42 23.8 16.5 24.7
71 35.0 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.147 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.351 min
Lab File: BG058824.D
Acq: 23 Aug 2023 16:15

Tgt Ion: 70 Resp: 10636
Ion Ratio Lower Upper
70 100
42 46.0 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: 10.614 min Scan# 1281

Delta R.T. 0.005 min

Lab File: BG058824.D

Acq: 23 Aug 2023 16:15

Instrument :

BNA_G

ClientSampleId :

TP-12(5-7)

Tgt Ion:136 Resp: 76459

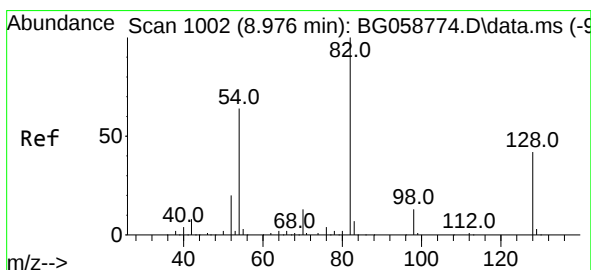
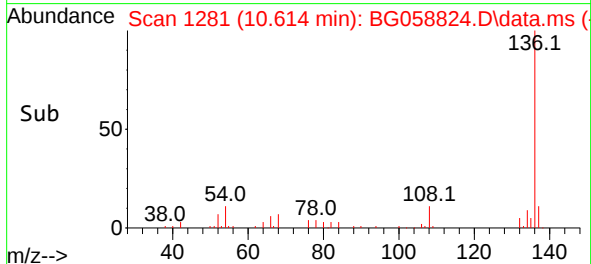
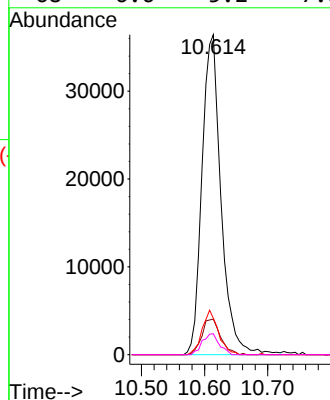
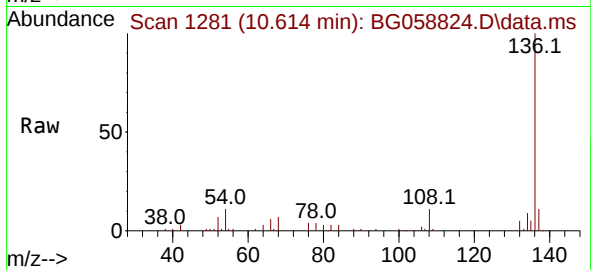
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.4 10.1 15.1

68 6.6 5.2 7.8



#23

Nitrobenzene-d5

Concen: 53.012 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.001 min

Lab File: BG058824.D

Acq: 23 Aug 2023 16:15

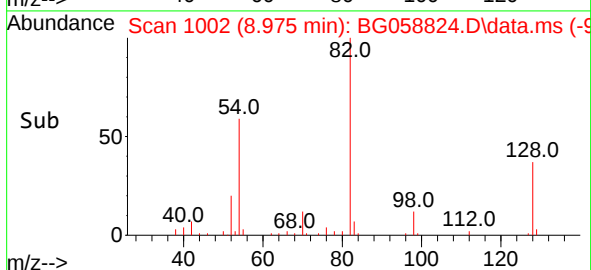
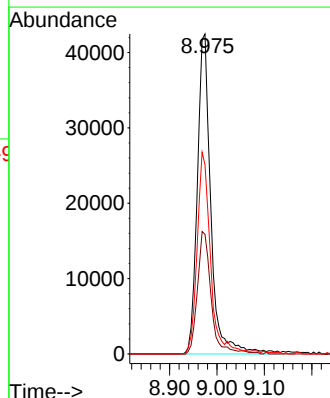
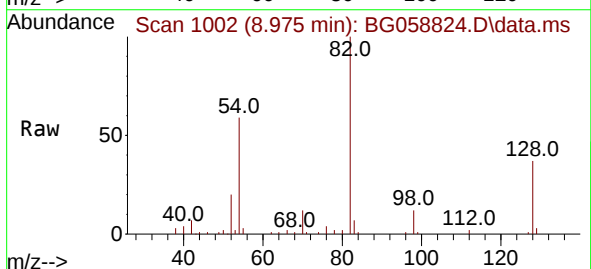
Tgt Ion: 82 Resp: 84306

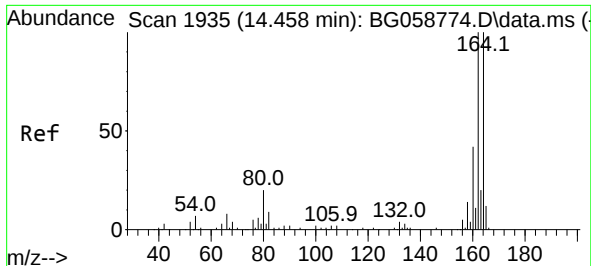
Ion Ratio Lower Upper

82 100

128 37.4 33.2 49.8

54 59.1 51.2 76.8

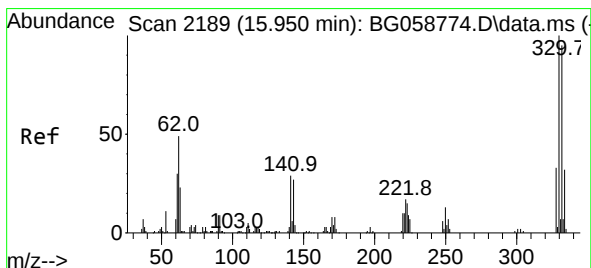
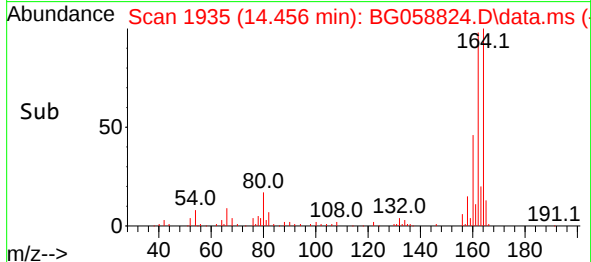
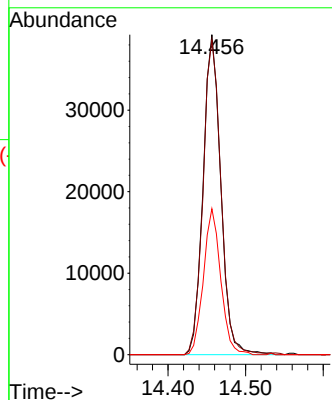
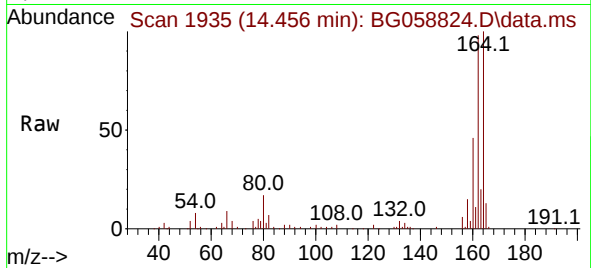




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058824.D
Acq: 23 Aug 2023 16:15

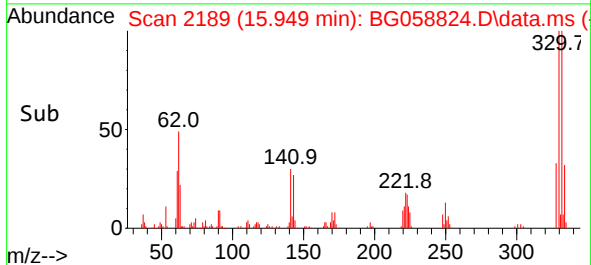
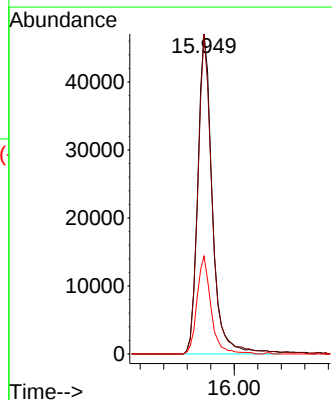
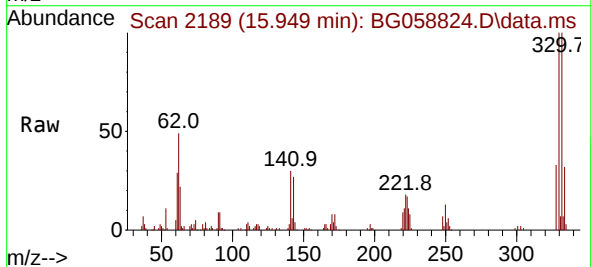
Instrument :
BNA_G
ClientSampleId :
TP-12(5-7)

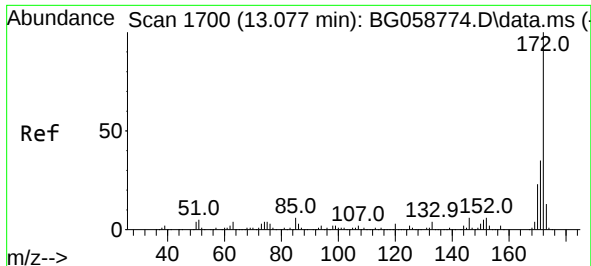
Tgt Ion:164 Resp: 62187
Ion Ratio Lower Upper
164 100
162 98.3 79.6 119.4
160 45.6 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 82.611 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058824.D
Acq: 23 Aug 2023 16:15

Tgt Ion:330 Resp: 80552
Ion Ratio Lower Upper
330 100
332 98.7 78.5 117.7
141 29.4 23.0 34.6

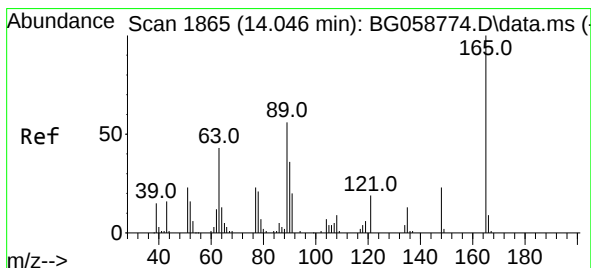
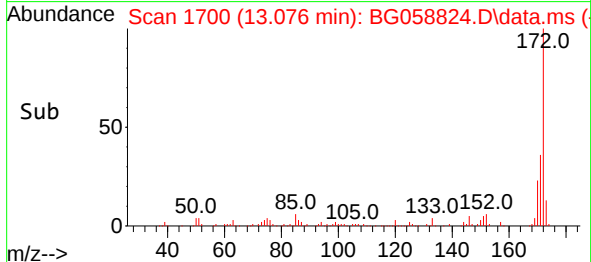
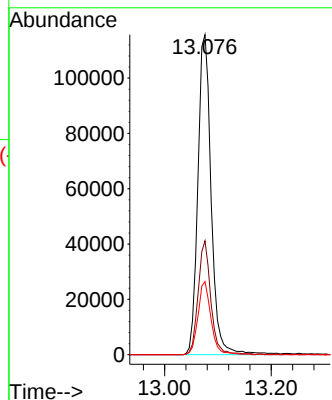
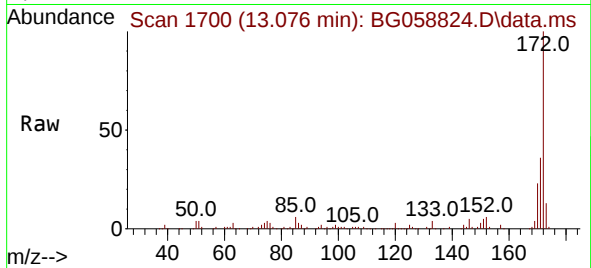




#45
2-Fluorobiphenyl
Concen: 46.946 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG058824.D
Acq: 23 Aug 2023 16:15

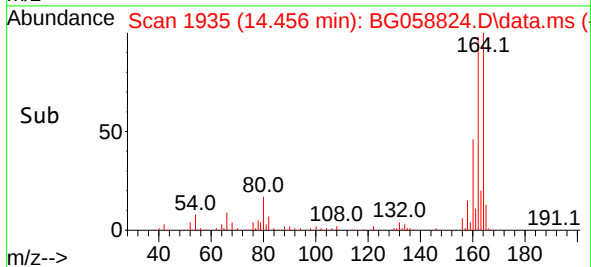
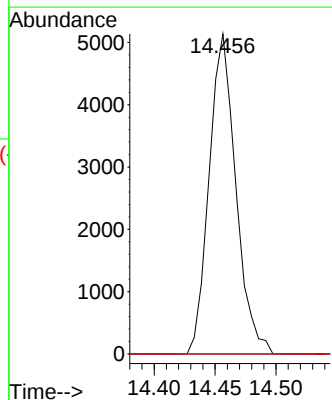
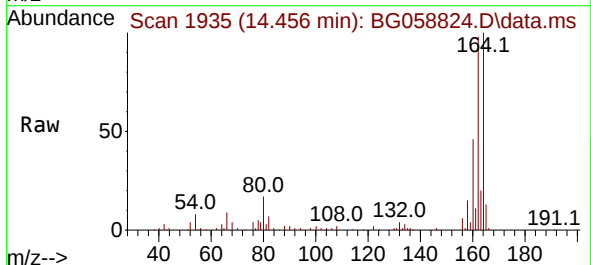
Instrument :
BNA_G
ClientSampleId :
TP-12(5-7)

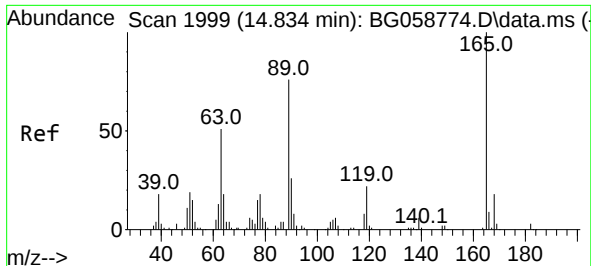
Tgt Ion:172 Resp: 200724
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 22.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.749 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.410 min
Lab File: BG058824.D
Acq: 23 Aug 2023 16:15

Tgt Ion:165 Resp: 7839
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

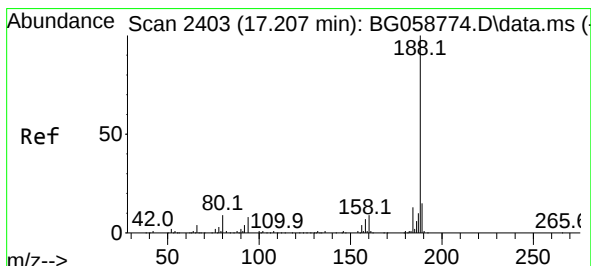
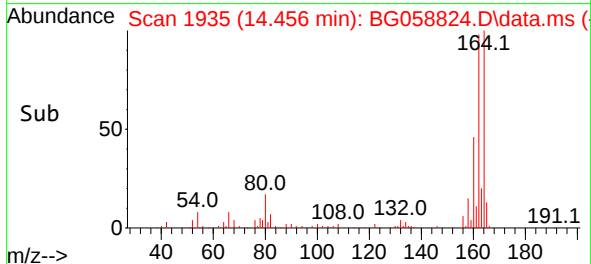
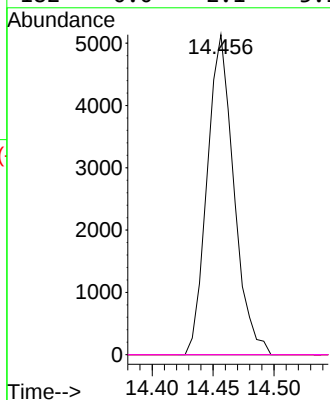
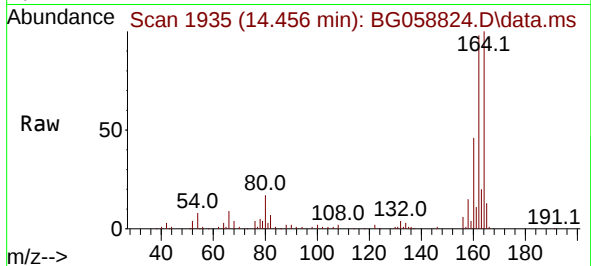




#57
2,4-Dinitrotoluene
Concen: 5.556 ng
RT: 14.456 min Scan# 1999
Delta R.T. -0.377 min
Lab File: BG058824.D
Acq: 23 Aug 2023 16:15

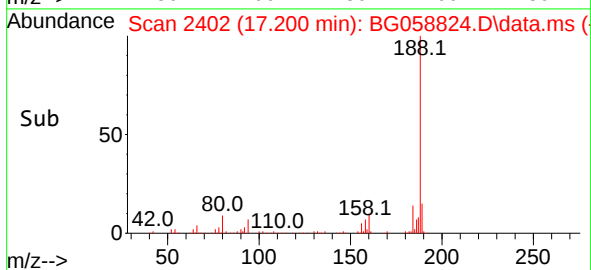
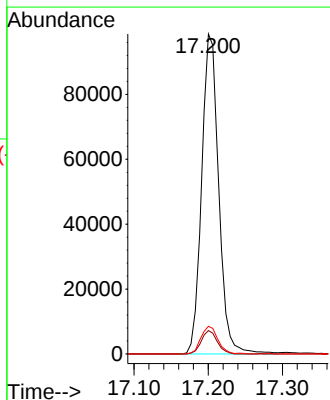
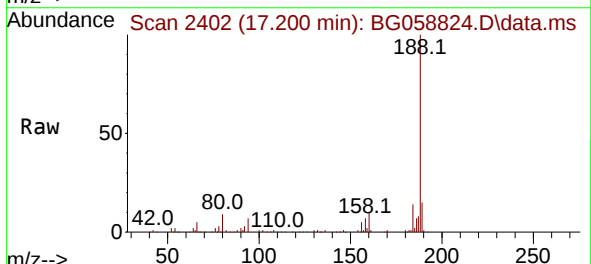
Instrument :
BNA_G
ClientSampleId :
TP-12(5-7)

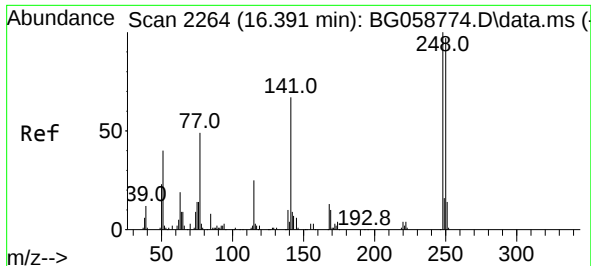
Tgt Ion:165	Resp:	7839
Ion	Ratio	Lower Upper
165	100	
63	0.0	41.8 62.6#
89	0.0	60.7 91.1#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.200 min Scan# 2402
Delta R.T. -0.007 min
Lab File: BG058824.D
Acq: 23 Aug 2023 16:15

Tgt Ion:188	Resp:	157412
Ion	Ratio	Lower Upper
188	100	
94	7.3	6.1 9.1
80	8.7	6.9 10.3

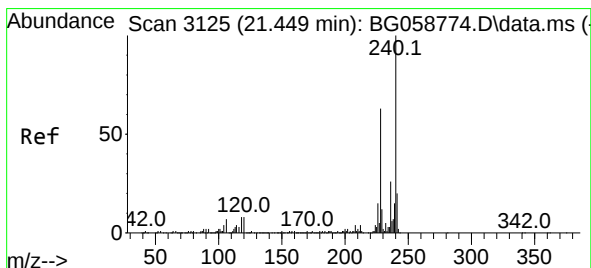
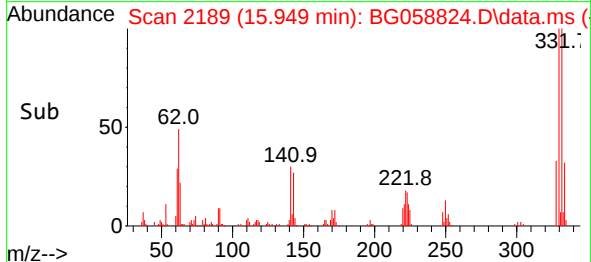
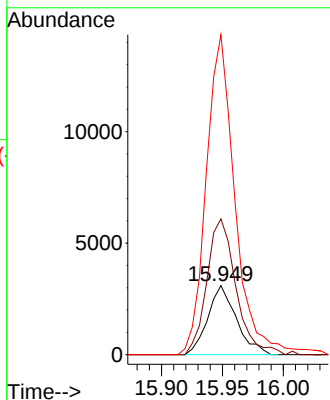
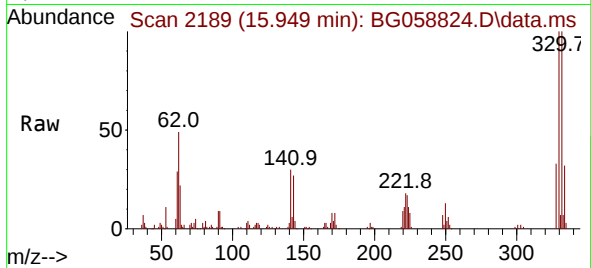




#67
4-Bromophenyl-phenylether
Concen: 2.929 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.442 min
Lab File: BG058824.D
Acq: 23 Aug 2023 16:15

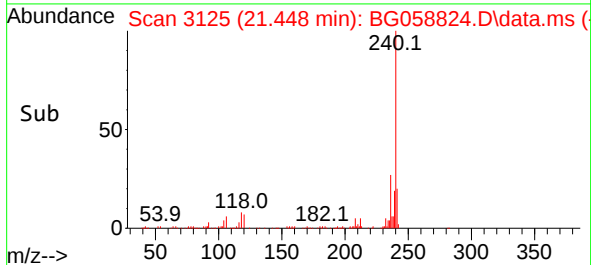
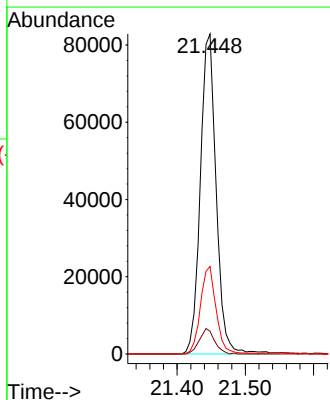
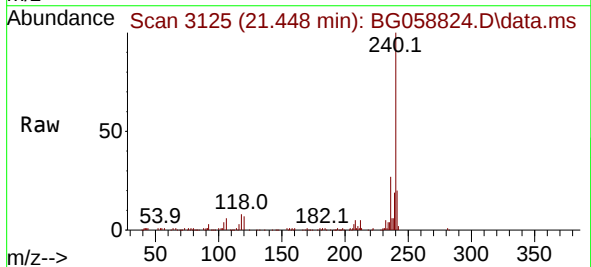
Instrument :
BNA_G
ClientSampleId :
TP-12(5-7)

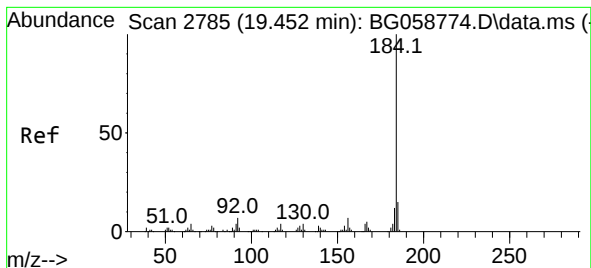
Tgt Ion:248 Resp: 5060
Ion Ratio Lower Upper
248 100
250 196.7 77.7 116.5#
141 463.3 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058824.D
Acq: 23 Aug 2023 16:15

Tgt Ion:240 Resp: 133825
Ion Ratio Lower Upper
240 100
120 7.1 6.2 9.2
236 27.4 20.5 30.7





#77

Benzidine

Concen: 2.228 ng

RT: 19.821 min Scan# 21

Delta R.T. 0.369 min

Lab File: BG058824.D

Acq: 23 Aug 2023 16:15

Instrument :

BNA_G

ClientSampleId :

TP-12(5-7)

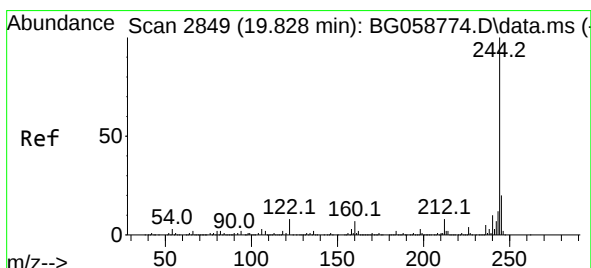
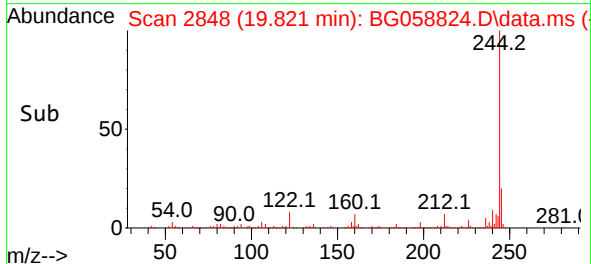
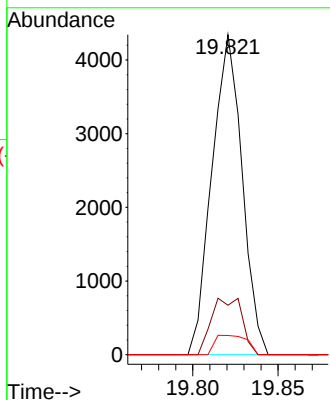
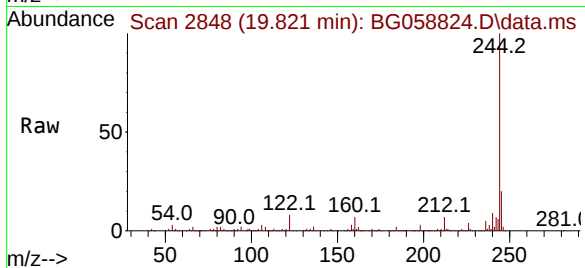
Tgt Ion:184 Resp: 5344

Ion Ratio Lower Upper

184 100

185 15.4 11.9 17.9

183 6.0 10.0 15.0#



#79

Terphenyl-d14

Concen: 48.938 ng

RT: 19.821 min Scan# 2848

Delta R.T. -0.007 min

Lab File: BG058824.D

Acq: 23 Aug 2023 16:15

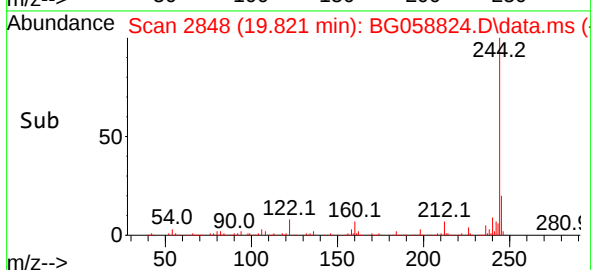
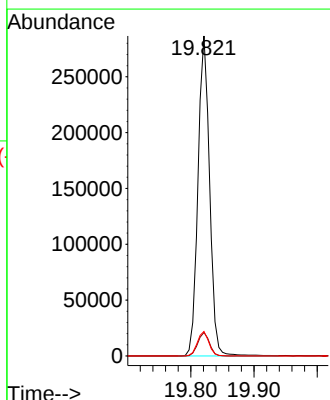
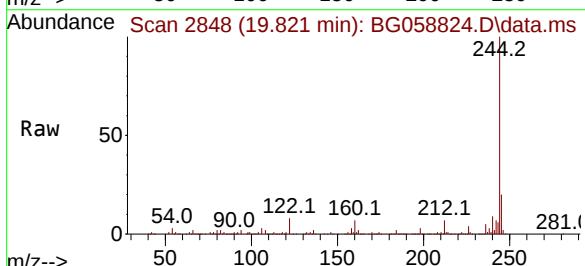
Tgt Ion:244 Resp: 364732

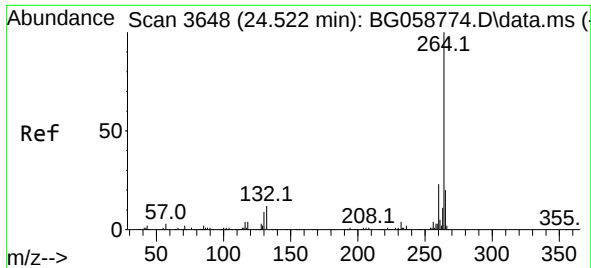
Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

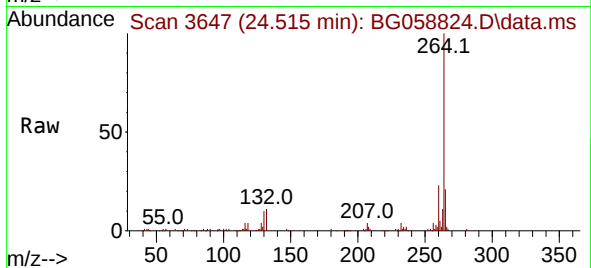
122 7.6 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.515 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG058824.D
 Acq: 23 Aug 2023 16:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-12(5-7)



Tgt Ion:264 Resp: 163878
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 21.0 16.4 24.6

