

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058589.D
 Acq On : 3 Aug 2023 12:15
 Operator : MA/JU
 Sample : 03598-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 03 13:26:23 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)

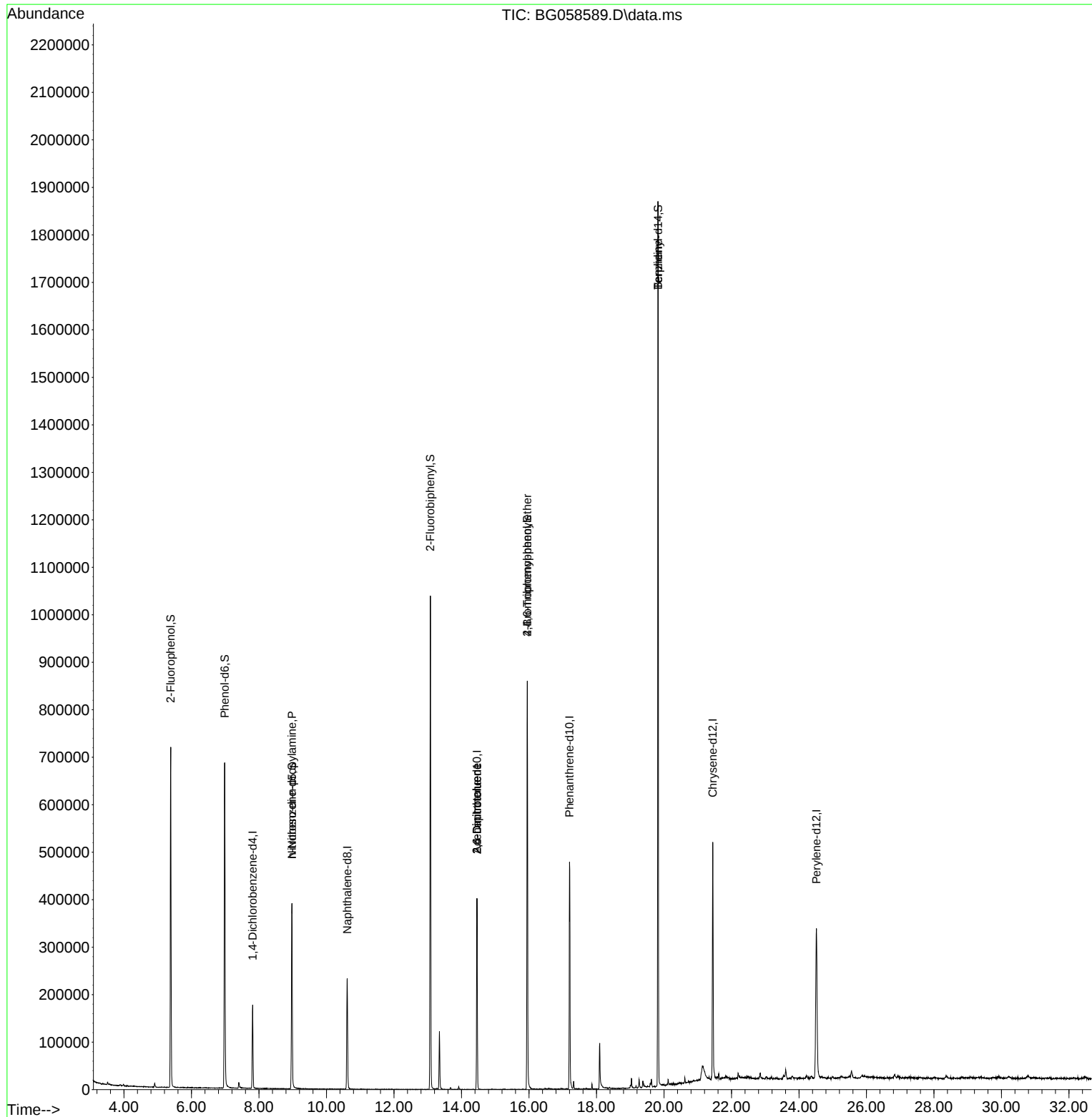
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	48752	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	211100	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	144555	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	327447	20.000	ng	0.00
76) Chrysene-d12	21.444	240	288387	20.000	ng	0.00
86) Perylene-d12	24.517	264	358347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	303198	95.058	ng	0.00
7) Phenol-d6	6.984	99	416264	93.789	ng	0.00
23) Nitrobenzene-d5	8.976	82	248879	57.917	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	192700	81.330	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	577152	59.833	ng	0.00
79) Terphenyl-d14	19.822	244	968836	63.176	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.976	70	31046	10.829	ng	Qvalue
51) 2,6-Dinitrotoluene	14.458	165	18454	7.747	ng	# 79
57) 2,4-Dinitrotoluene	14.458	165	18454	5.588	ng	# 24
67) 4-Bromophenyl-phenylether	15.950	248	11913	3.208	ng	# 25
77) Benzidine	19.822	184	11608	2.654	ng	# 1

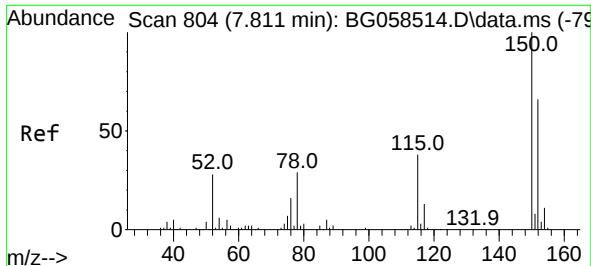
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
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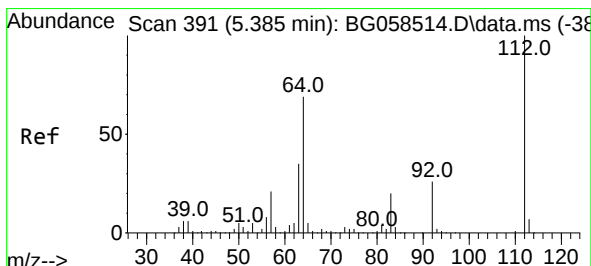
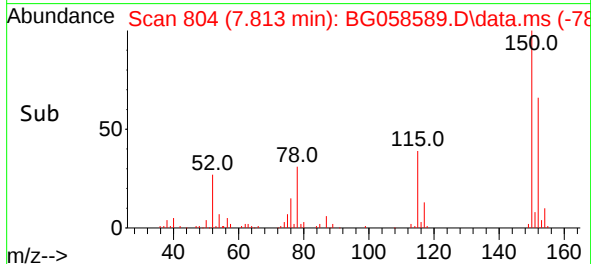
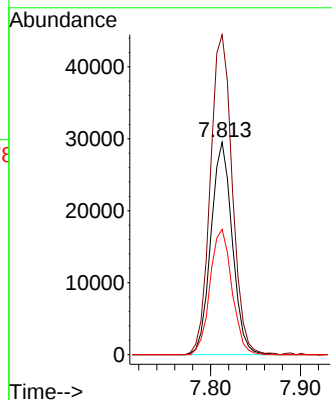
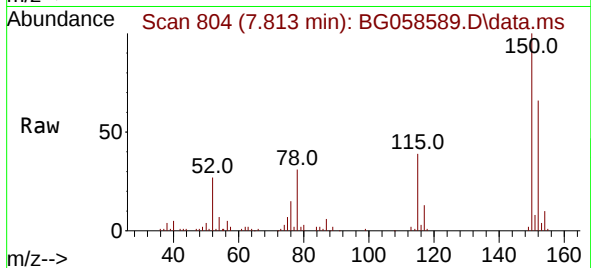




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058589.D
Acq: 3 Aug 2023 12:15

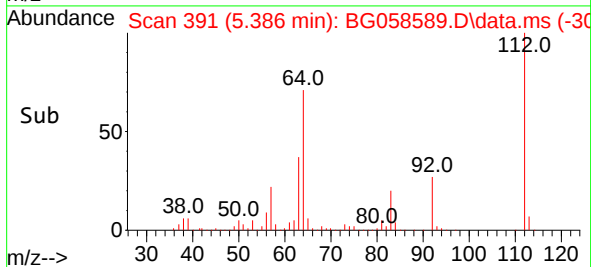
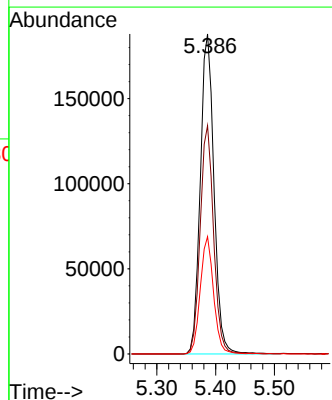
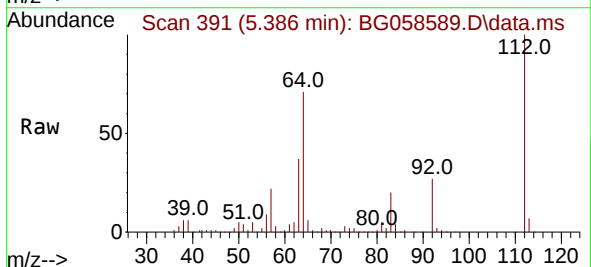
Instrument :
BNA_G
ClientSampleId :

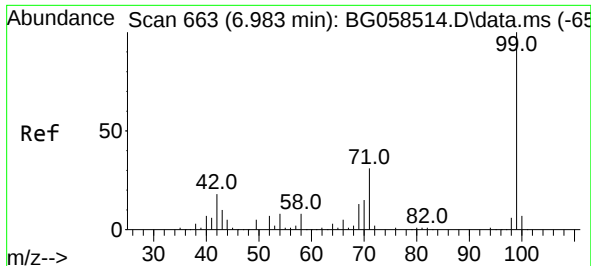
Tgt Ion:152 Resp: 48752
Ion Ratio Lower Upper
152 100
150 150.6 120.5 180.7
115 59.0 45.9 68.9



#5
2-Fluorophenol
Concen: 95.058 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058589.D
Acq: 3 Aug 2023 12:15

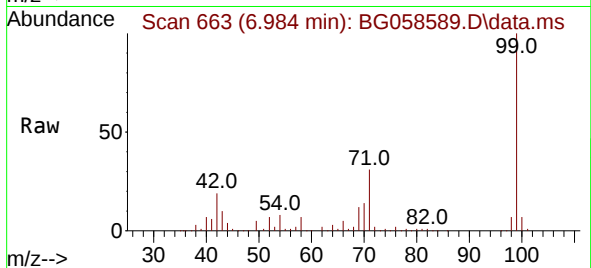
Tgt Ion:112 Resp: 303198
Ion Ratio Lower Upper
112 100
64 71.4 55.3 82.9
63 36.6 28.3 42.5



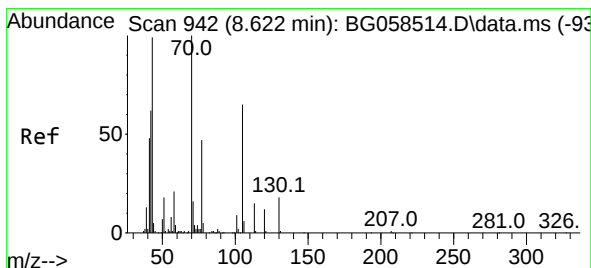
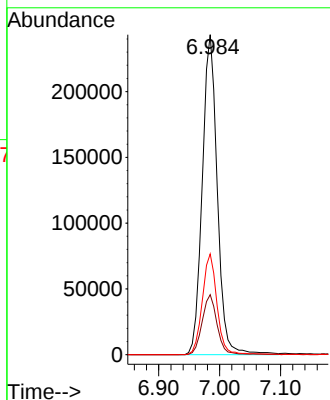
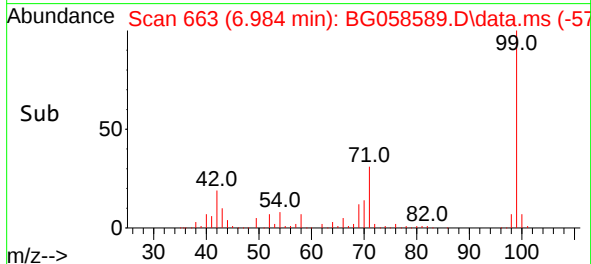


#7
Phenol-d6
Concen: 93.789 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058589.D
Acq: 3 Aug 2023 12:15

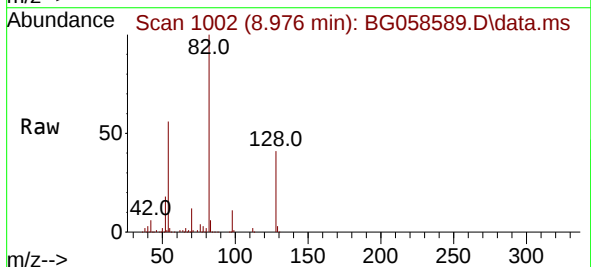
Instrument :
BNA_G
ClientSampleId :



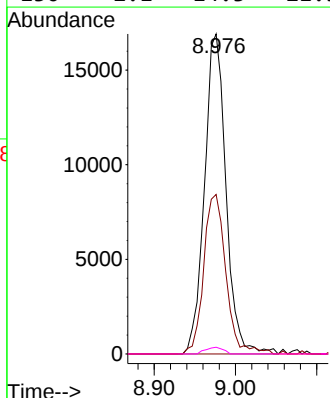
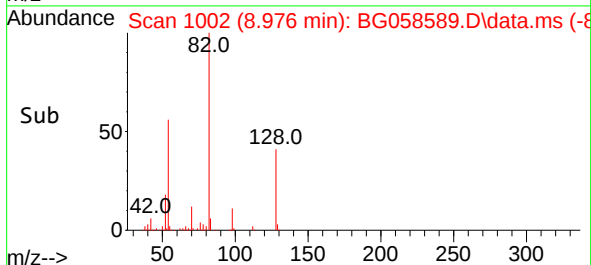
Tgt Ion: 99 Resp: 416264
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 31.5 25.0 37.4

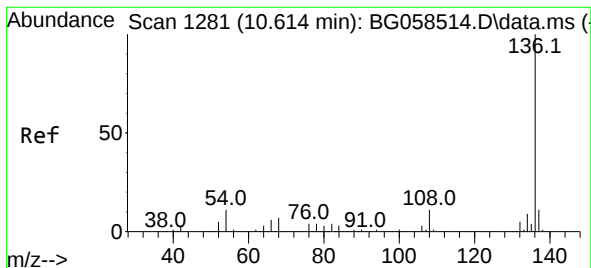


#19
n-Nitroso-di-n-propylamine
Concen: 10.829 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058589.D
Acq: 3 Aug 2023 12:15



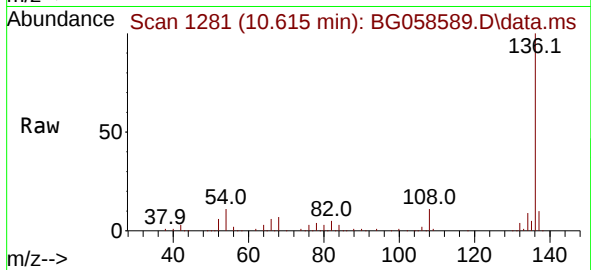
Tgt Ion: 70 Resp: 31046
Ion Ratio Lower Upper
70 100
42 49.9 49.7 74.5
101 0.0 7.0 10.4#
130 2.1 14.3 21.5#



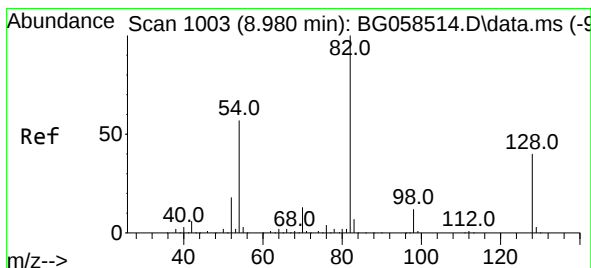
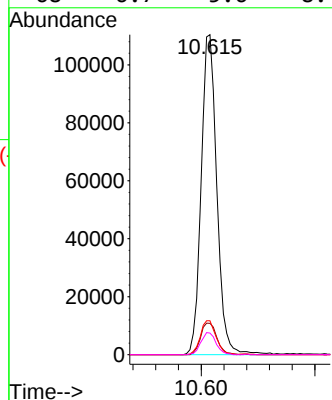
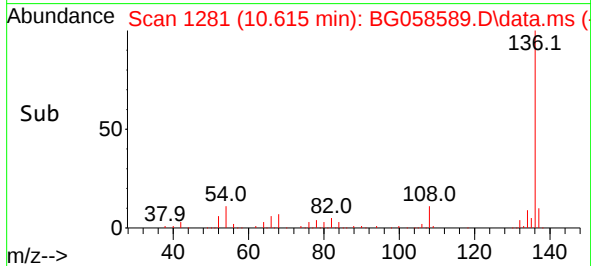


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058589.D
Acq: 3 Aug 2023 12:15

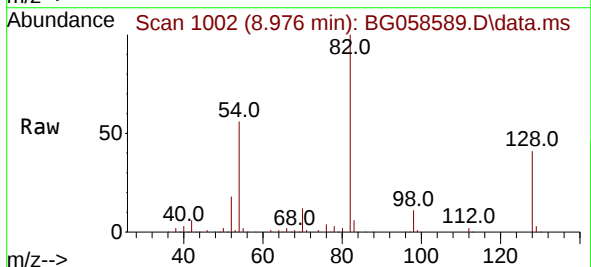
Instrument :
BNA_G
ClientSampleId :



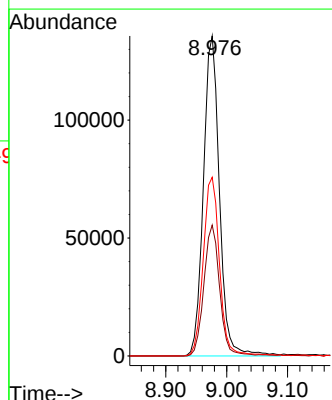
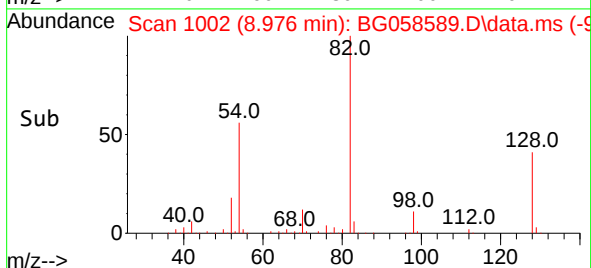
Tgt Ion:136 Resp: 211100
Ion Ratio Lower Upper
136 100
137 9.8 8.6 13.0
54 10.6 8.9 13.3
68 6.7 5.6 8.4

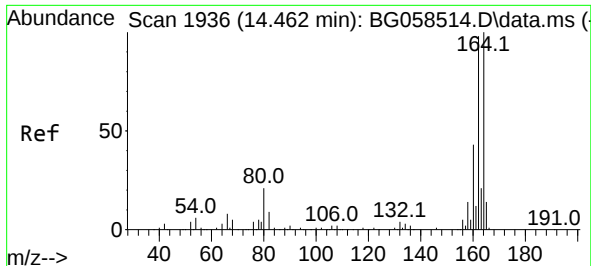


#23
Nitrobenzene-d5
Concen: 57.917 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.004 min
Lab File: BG058589.D
Acq: 3 Aug 2023 12:15



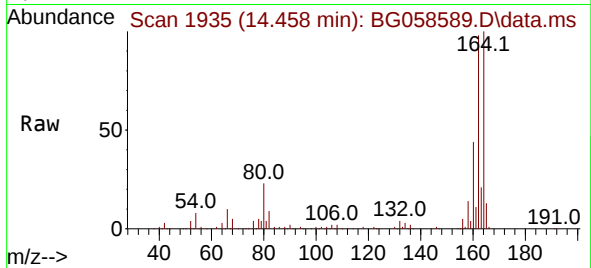
Tgt Ion: 82 Resp: 248879
Ion Ratio Lower Upper
82 100
128 40.9 32.2 48.2
54 55.8 46.0 69.0



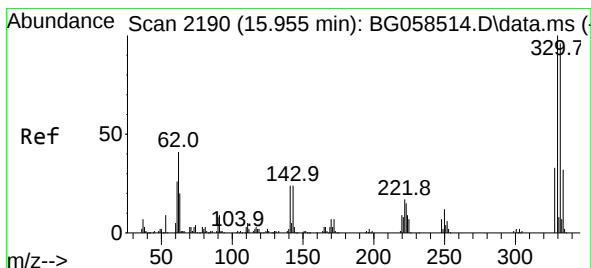
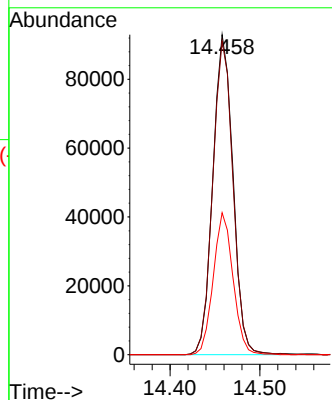
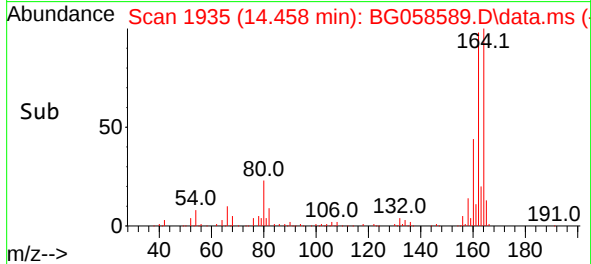


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG058589.D
Acq: 3 Aug 2023 12:15

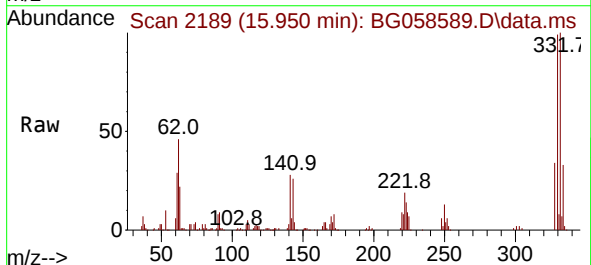
Instrument :
BNA_G
ClientSampleId :



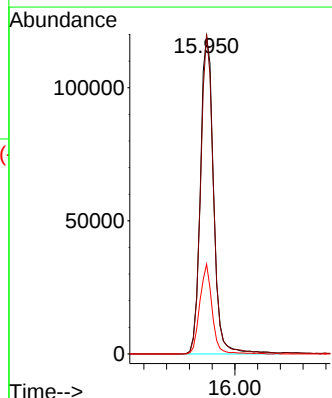
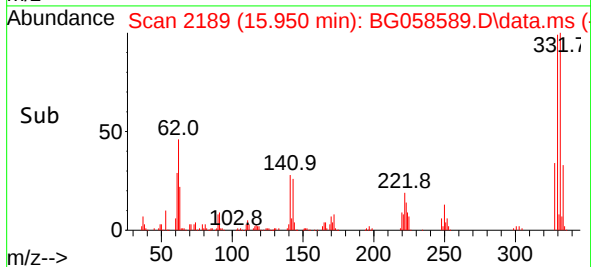
Tgt Ion:164 Resp: 144555
Ion Ratio Lower Upper
164 100
162 98.0 78.3 117.5
160 44.3 34.1 51.1

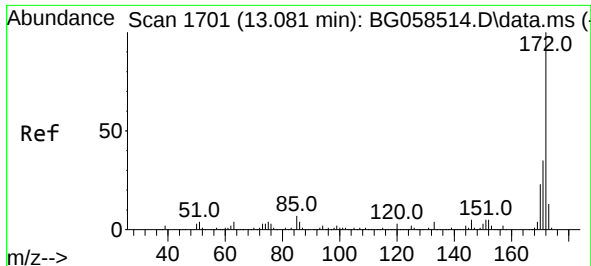


#42
2,4,6-Tribromophenol
Concen: 81.330 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG058589.D
Acq: 3 Aug 2023 12:15



Tgt Ion:330 Resp: 192700
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 26.4 20.7 31.1

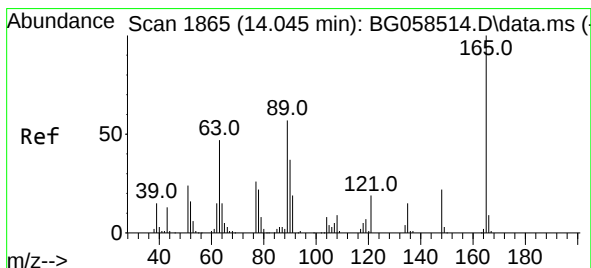
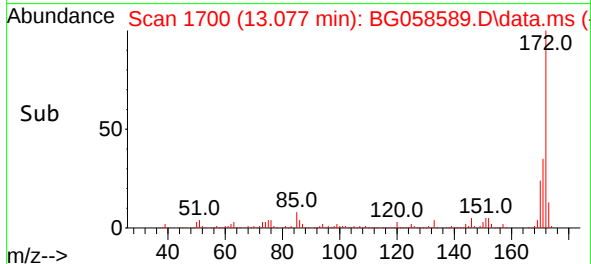
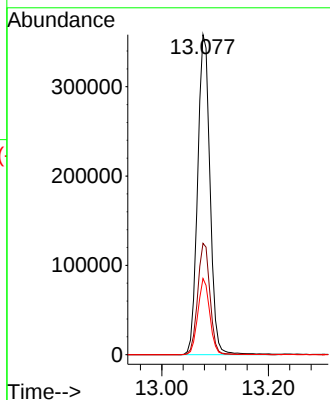
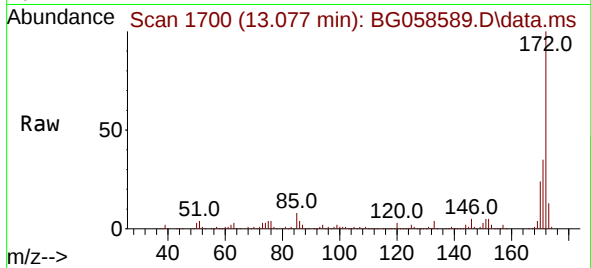




#45
2-Fluorobiphenyl
Concen: 59.833 ng
RT: 13.077 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058589.D
Acq: 3 Aug 2023 12:15

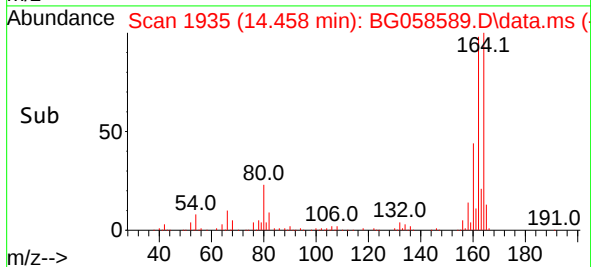
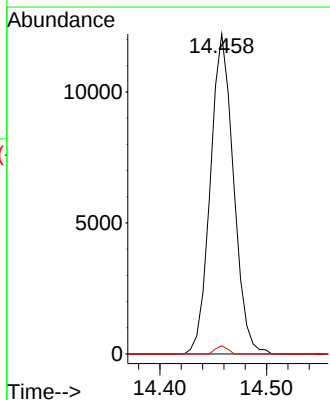
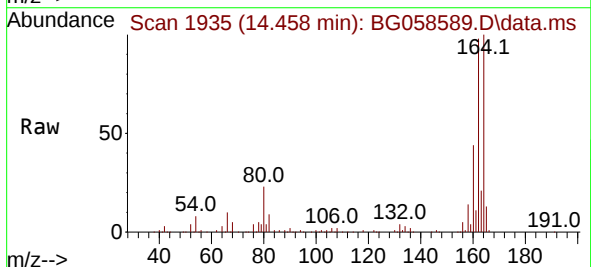
Instrument :
BNA_G
ClientSampleId :

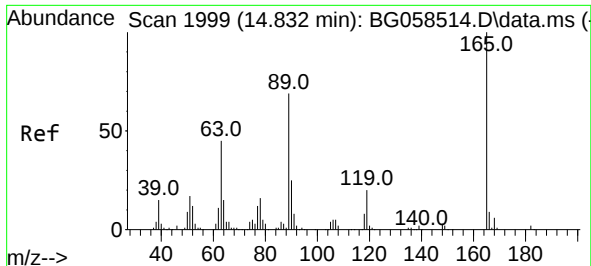
Tgt Ion:172 Resp: 577152
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.8 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.747 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058589.D
Acq: 3 Aug 2023 12:15

Tgt Ion:165 Resp: 18454
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 2.6 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.588 ng

RT: 14.458 min Scan# 1999

Delta R.T. -0.374 min

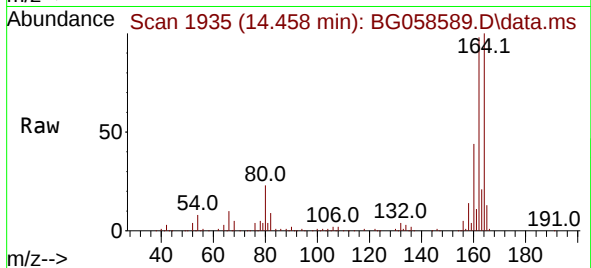
Lab File: BG058589.D

Acq: 3 Aug 2023 12:15

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 18454

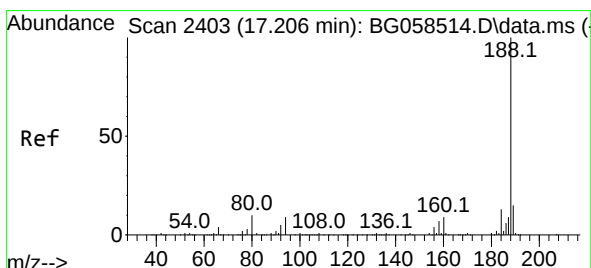
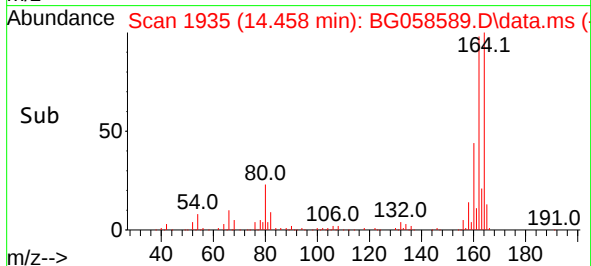
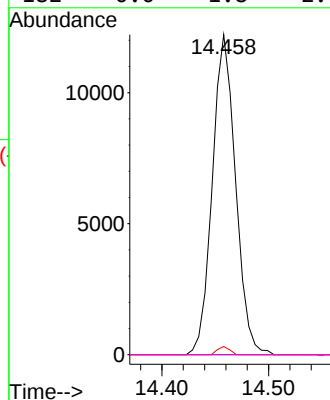
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 2.6 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.202 min Scan# 2402

Delta R.T. -0.004 min

Lab File: BG058589.D

Acq: 3 Aug 2023 12:15

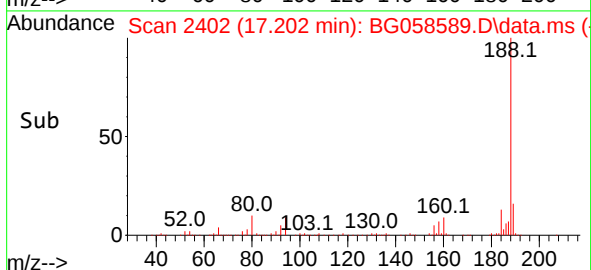
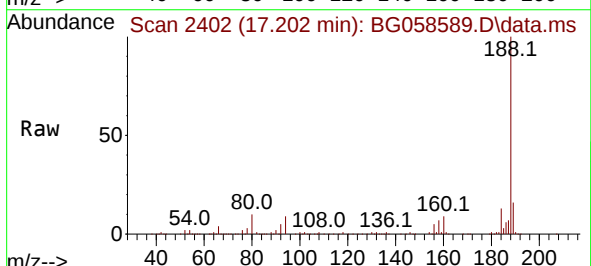
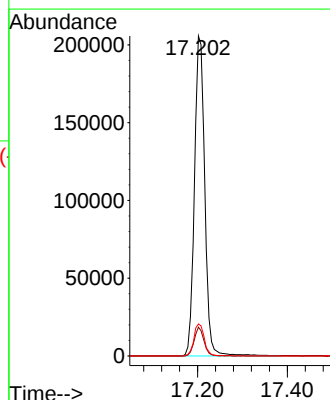
Tgt Ion:188 Resp: 327447

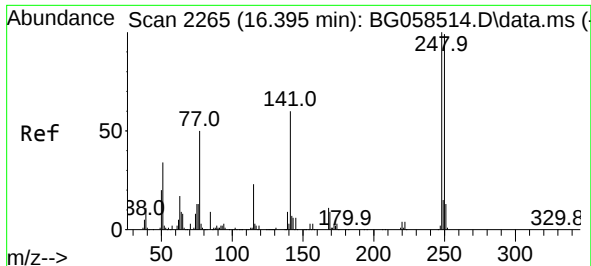
Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 10.0 8.1 12.1

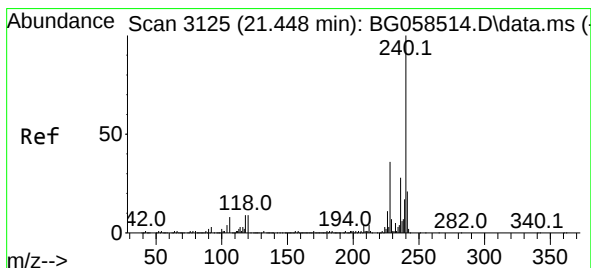
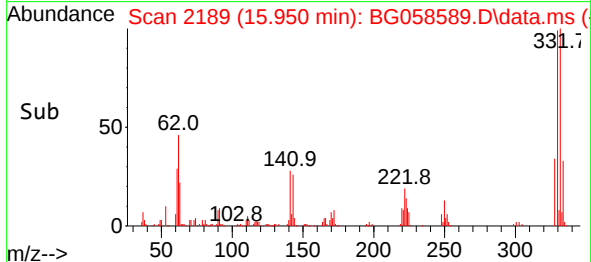
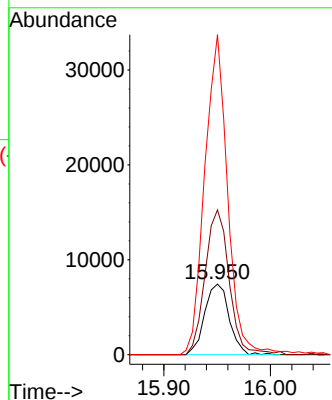
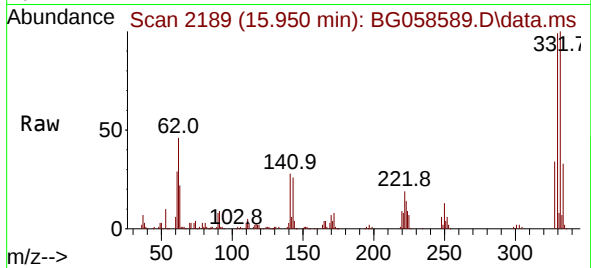




#67
4-Bromophenyl-phenylether
Concen: 3.208 ng
RT: 15.950 min Scan# 2119
Delta R.T. -0.445 min
Lab File: BG058589.D
Acq: 3 Aug 2023 12:15

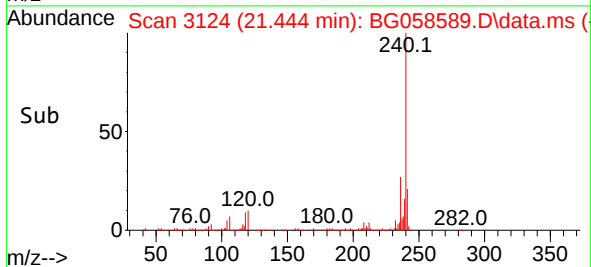
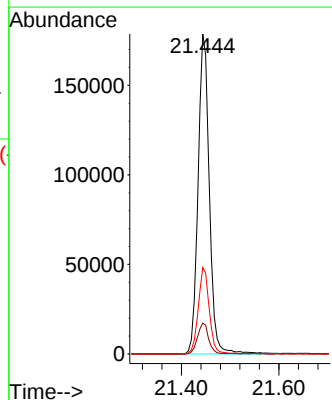
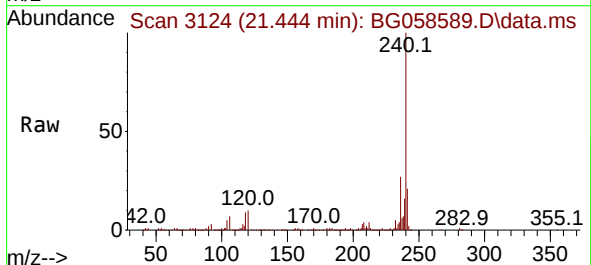
Instrument :
BNA_G
ClientSampleId :

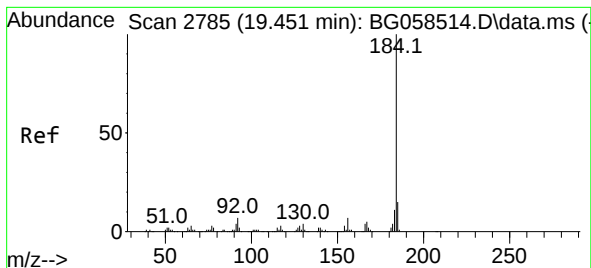
Tgt Ion:248 Resp: 11913
Ion Ratio Lower Upper
248 100
250 205.1 79.5 119.3#
141 453.2 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BG058589.D
Acq: 3 Aug 2023 12:15

Tgt Ion:240 Resp: 288387
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 27.0 22.2 33.4





#77

Benzidine

Concen: 2.654 ng

RT: 19.822 min Scan# 21

Delta R.T. 0.372 min

Lab File: BG058589.D

Acq: 3 Aug 2023 12:15

Instrument :

BNA_G

ClientSampleId :

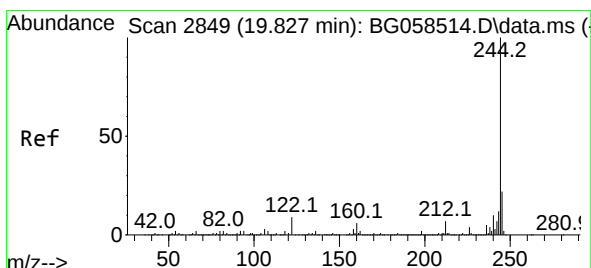
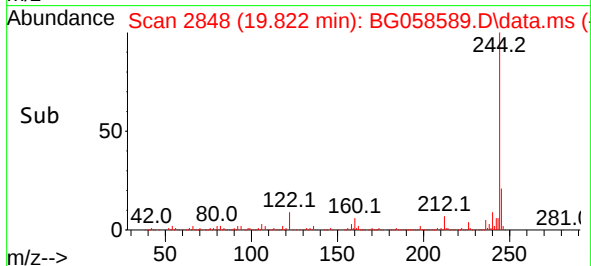
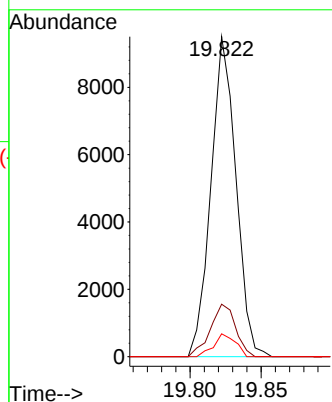
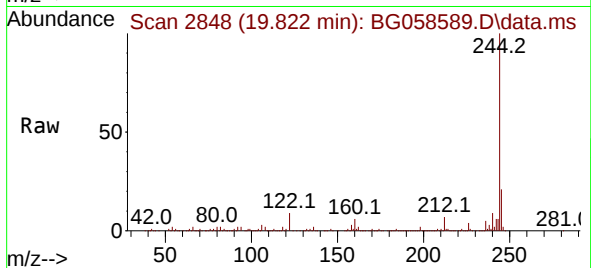
Tgt Ion:184 Resp: 11608

Ion Ratio Lower Upper

184 100

185 16.4 11.9 17.9

183 7.1 8.7 13.1#



#79

Terphenyl-d14

Concen: 63.176 ng

RT: 19.822 min Scan# 2848

Delta R.T. -0.004 min

Lab File: BG058589.D

Acq: 3 Aug 2023 12:15

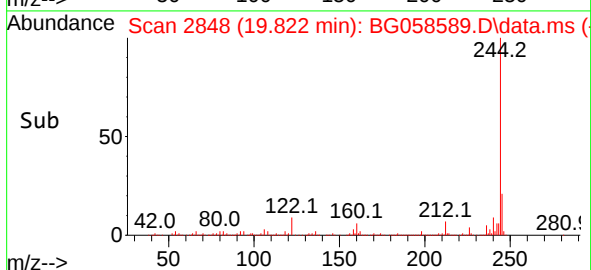
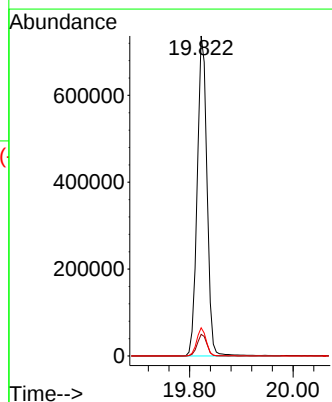
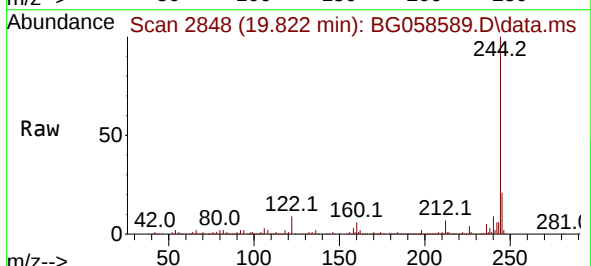
Tgt Ion:244 Resp: 968836

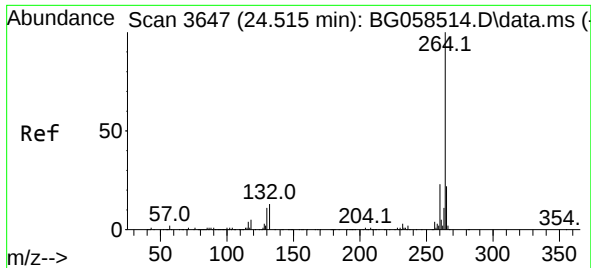
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

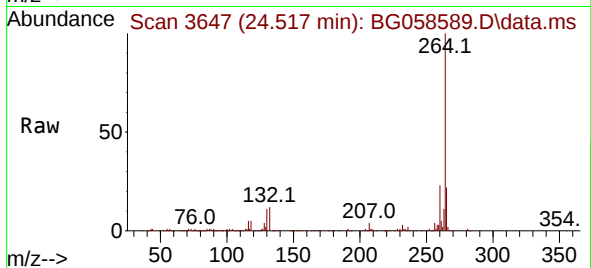
122 8.8 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.517 min Scan# 30
 Delta R.T. 0.002 min
 Lab File: BG058589.D
 Acq: 3 Aug 2023 12:15

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 358347
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.8 17.9 26.9

