

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058530.D
 Acq On : 28 Jul 2023 23:10
 Operator : MA/JU
 Sample : 03632-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-(6-8)

Quant Time: Jul 29 01:05:51 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)

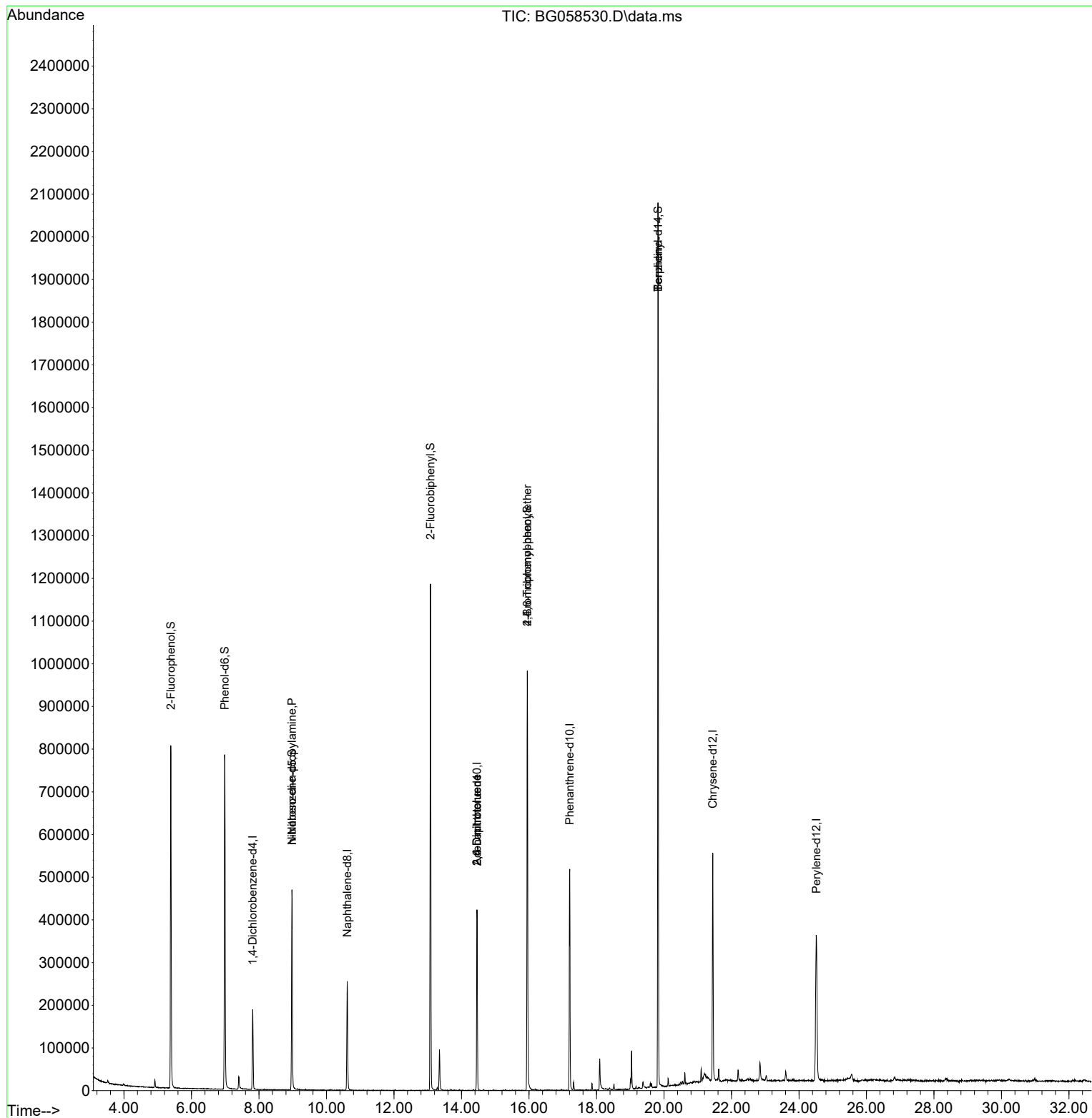
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	53953	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	223914	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	153983	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	350572	20.000	ng	0.00
76) Chrysene-d12	21.444	240	314499	20.000	ng	0.00
86) Perylene-d12	24.516	264	386140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	356526	101.002	ng	0.00
7) Phenol-d6	6.984	99	488164	99.386	ng	0.00
23) Nitrobenzene-d5	8.976	82	301612	66.172	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	229322	90.861	ng	0.00
45) 2-Fluorobiphenyl	13.083	172	673668	65.563	ng	0.00
79) Terphenyl-d14	19.822	244	1107379	66.215	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.976	70	37198	11.725	ng	# 81
51) 2,6-Dinitrotoluene	14.458	165	20149	7.941	ng	# 24
57) 2,4-Dinitrotoluene	14.458	165	20149	5.728	ng	# 24
67) 4-Bromophenyl-phenylether	15.950	248	14432	3.630	ng	# 1
77) Benzidine	19.822	184	13771	2.888	ng	# 95

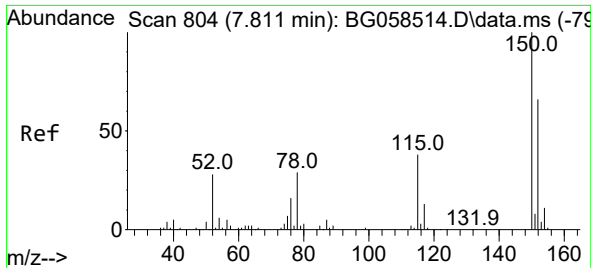
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058530.D
Acq On : 28 Jul 2023 23:10
Operator : MA/JU
Sample : 03632-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-(6-8)

Quant Time: Jul 29 01:05:51 2023
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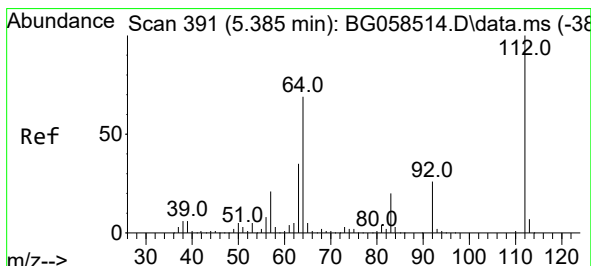
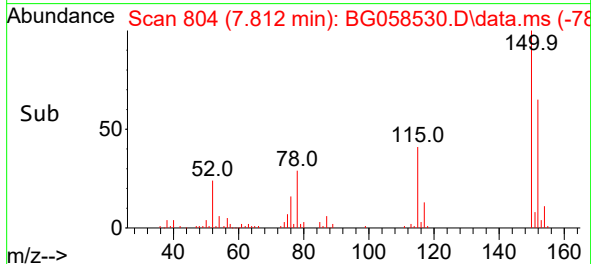
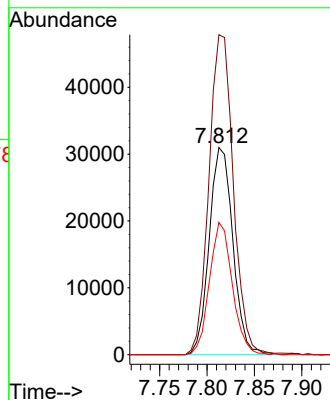
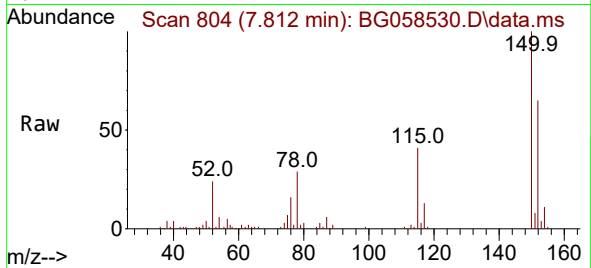




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

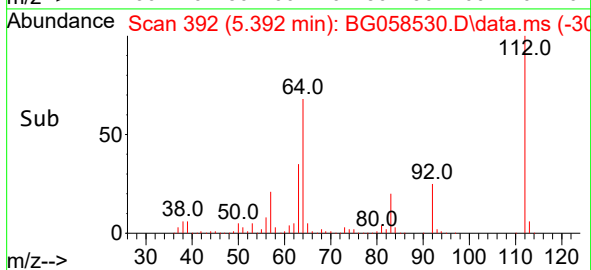
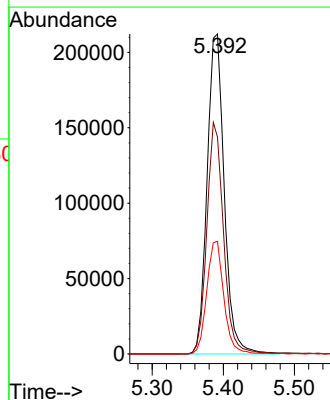
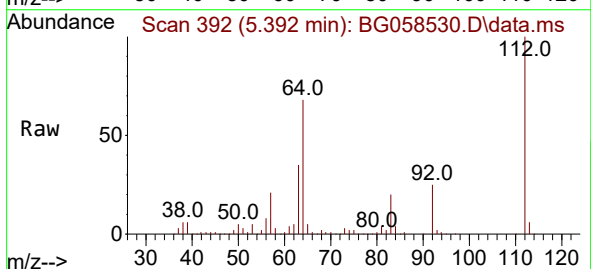
Instrument :
BNA_G
ClientSampleId :
SB-05-(6-8)

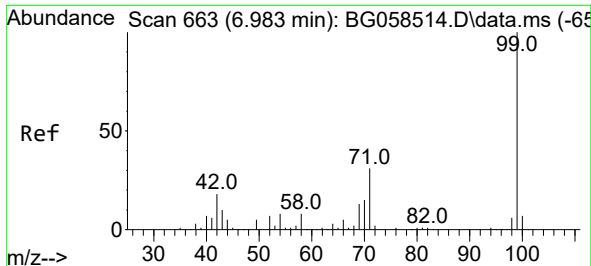
Tgt Ion:152 Resp: 53953
Ion Ratio Lower Upper
152 100
150 154.4 120.5 180.7
115 63.9 45.9 68.9



#5
2-Fluorophenol
Concen: 101.002 ng
RT: 5.392 min Scan# 392
Delta R.T. 0.007 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

Tgt Ion:112 Resp: 356526
Ion Ratio Lower Upper
112 100
64 67.8 55.3 82.9
63 35.2 28.3 42.5

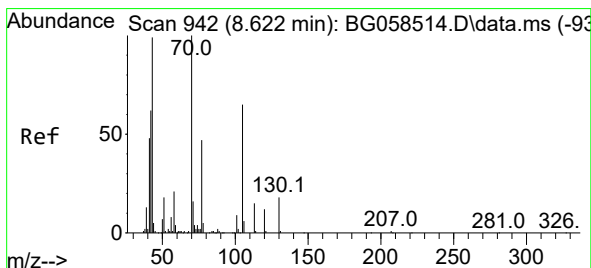
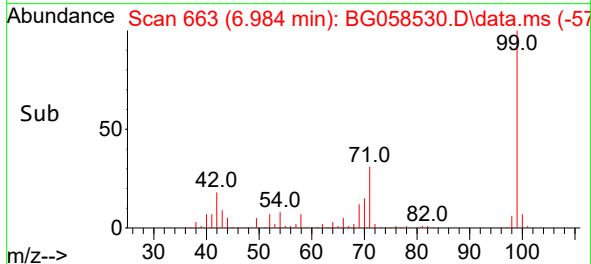
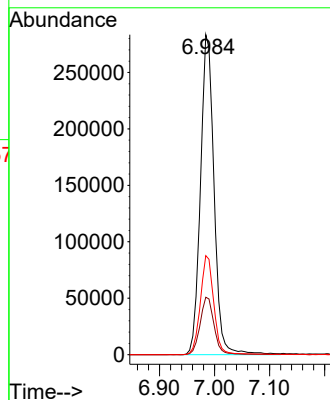
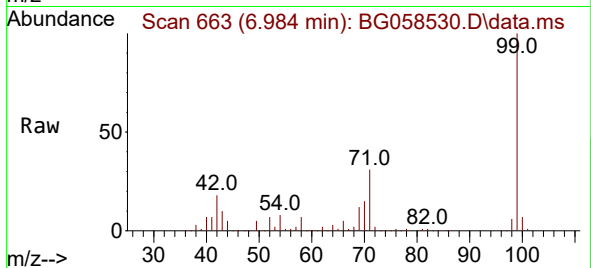




#7
Phenol-d6
Concen: 99.386 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

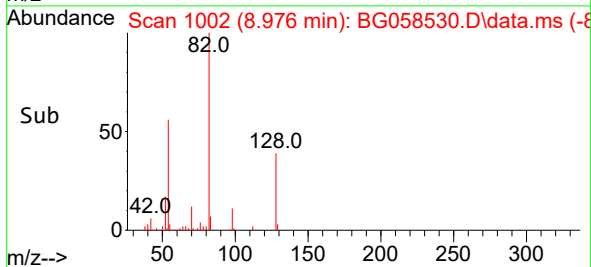
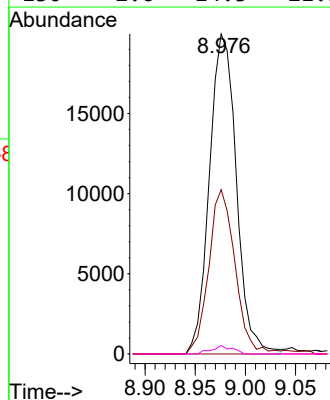
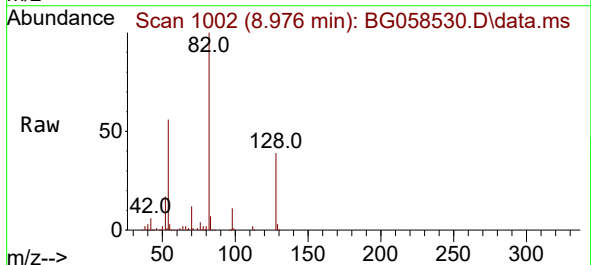
Instrument :
BNA_G
ClientSampleId :
SB-05-(6-8)

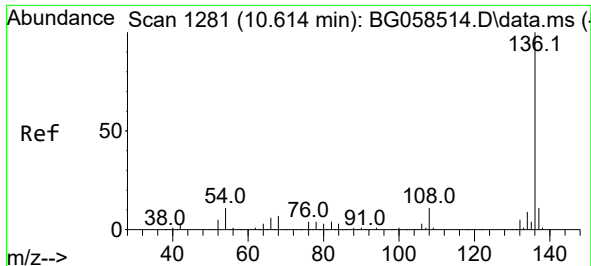
Tgt Ion: 99 Resp: 488164
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 30.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.725 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

Tgt Ion: 70 Resp: 37198
Ion Ratio Lower Upper
70 100
42 51.4 49.7 74.5
101 0.0 7.0 10.4#
130 2.6 14.3 21.5#

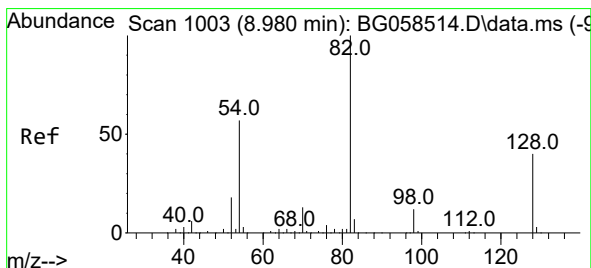
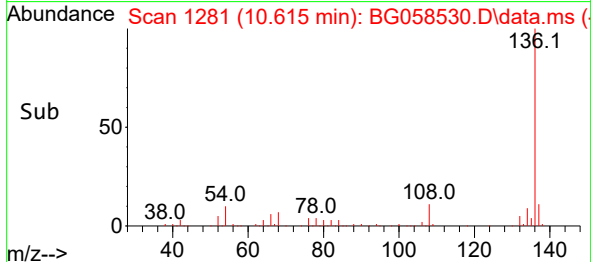
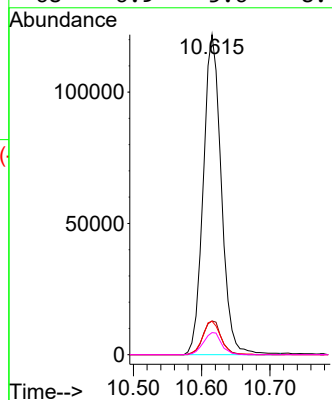
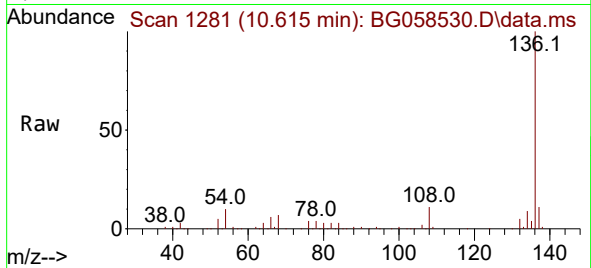




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1001
Delta R.T. 0.001 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

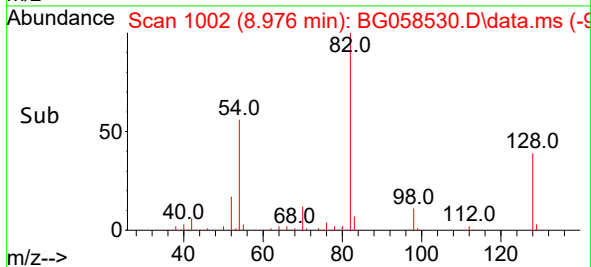
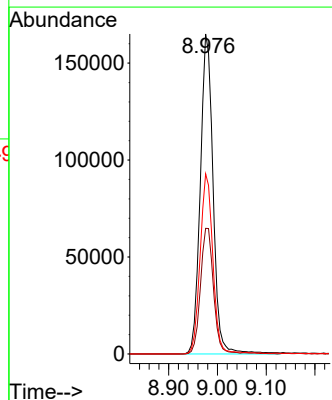
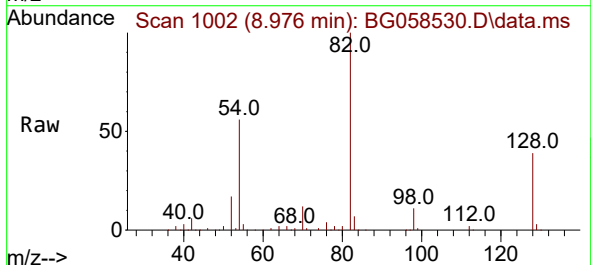
Instrument :
BNA_G
ClientSampleId :
SB-05-(6-8)

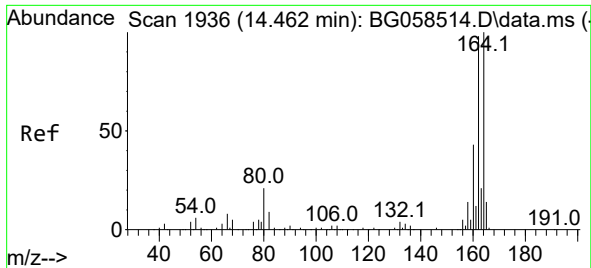
Tgt Ion:	136	Resp:	223914
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	10.4	8.9	13.3
68	6.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 66.172 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

Tgt Ion:	82	Resp:	301612
Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.2	48.2
54	56.3	46.0	69.0

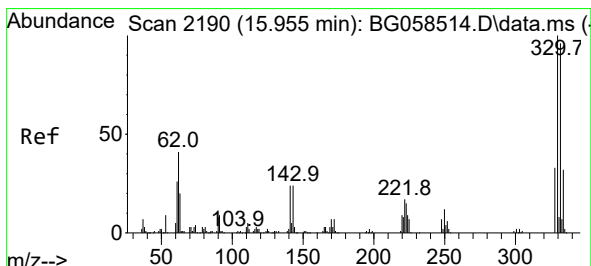
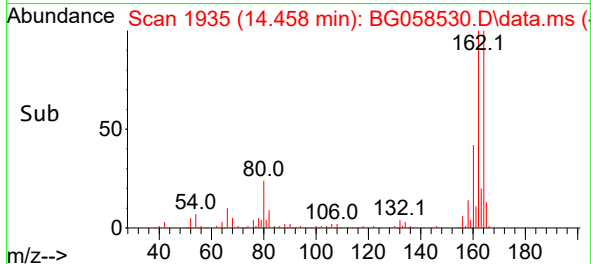
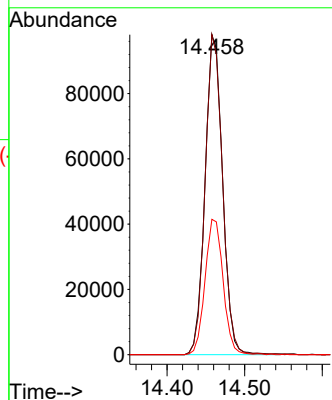
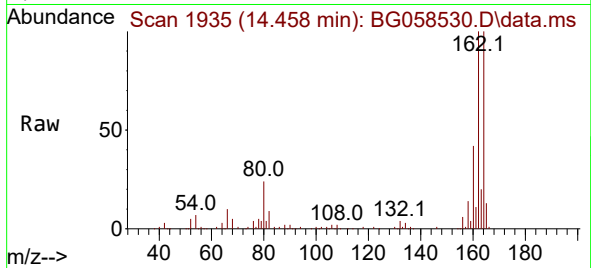




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

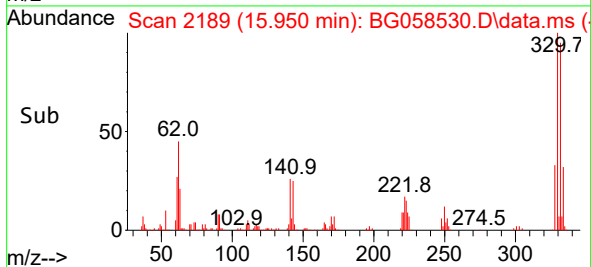
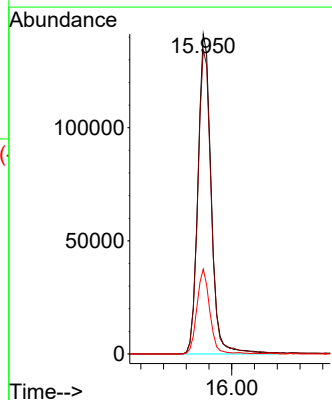
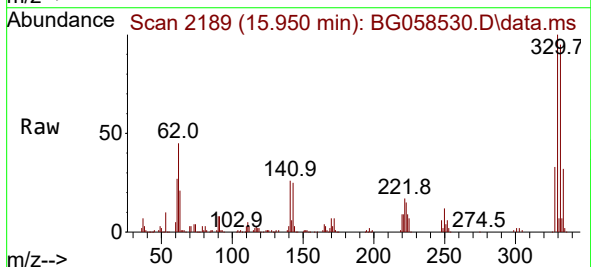
Instrument :
BNA_G
ClientSampleId :
SB-05-(6-8)

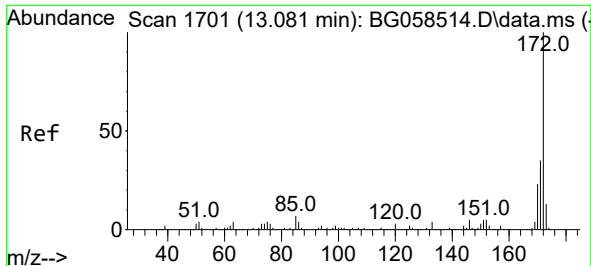
Tgt Ion:164 Resp: 153983
Ion Ratio Lower Upper
164 100
162 100.0 78.3 117.5
160 42.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 90.861 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

Tgt Ion:330 Resp: 229322
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 25.5 20.7 31.1

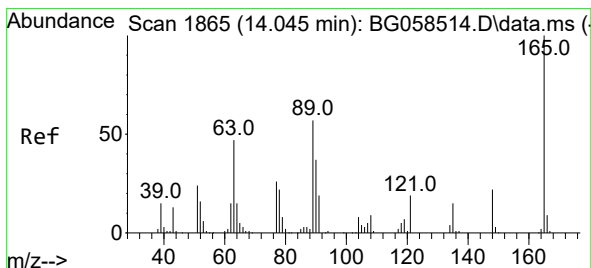
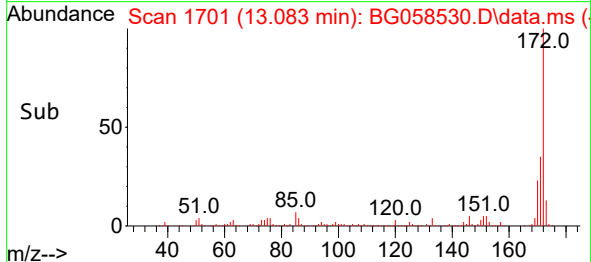
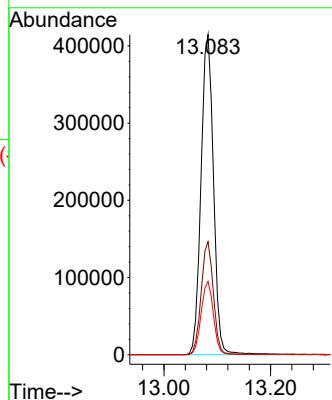
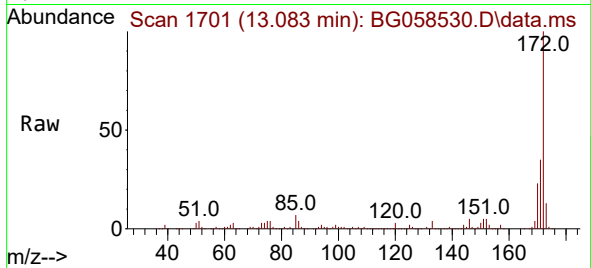




#45
2-Fluorobiphenyl
Concen: 65.563 ng
RT: 13.083 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

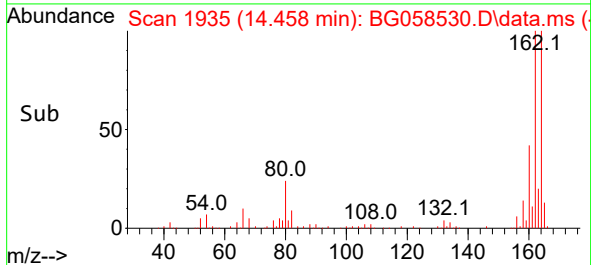
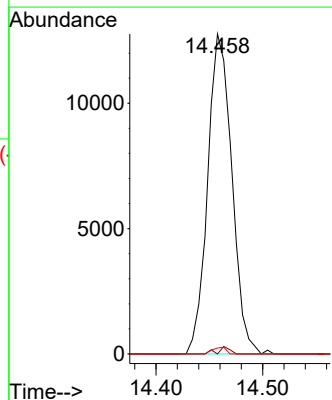
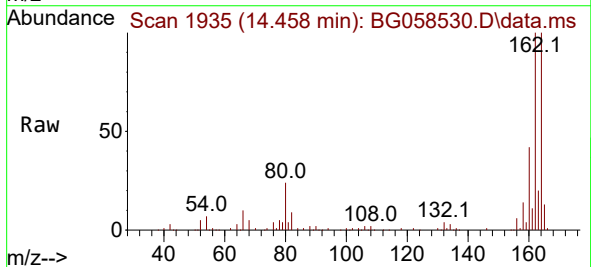
Instrument :
BNA_G
ClientSampleId :
SB-05-(6-8)

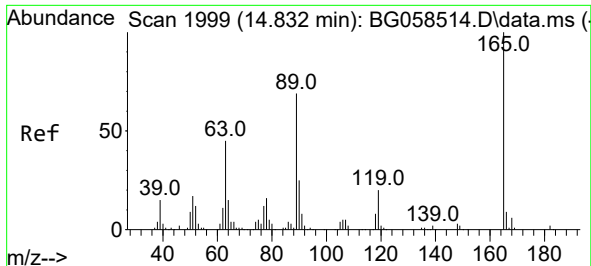
Tgt Ion:172 Resp: 673668
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 22.9 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.941 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

Tgt Ion:165 Resp: 20149
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.8 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.728 ng

RT: 14.458 min Scan# 1999

Delta R.T. -0.374 min

Lab File: BG058530.D

Acq: 28 Jul 2023 23:10

Instrument :

BNA_G

ClientSampleId :

SB-05-(6-8)

Tgt Ion:165 Resp: 20149

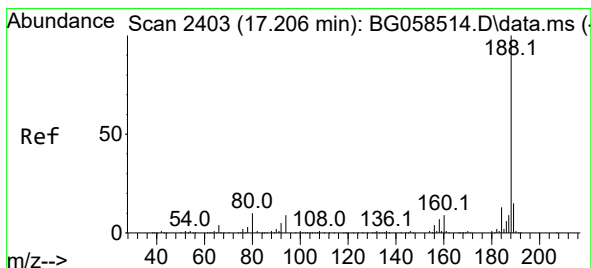
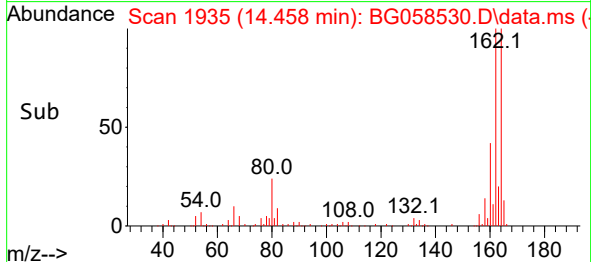
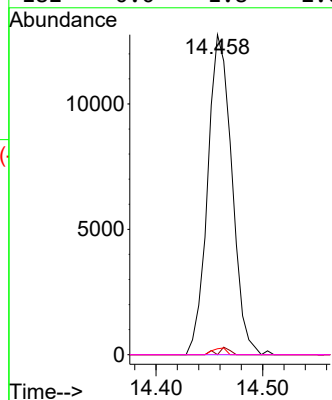
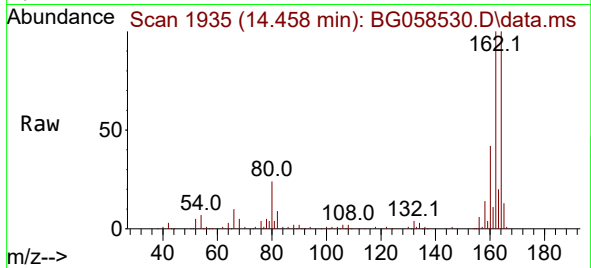
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058530.D

Acq: 28 Jul 2023 23:10

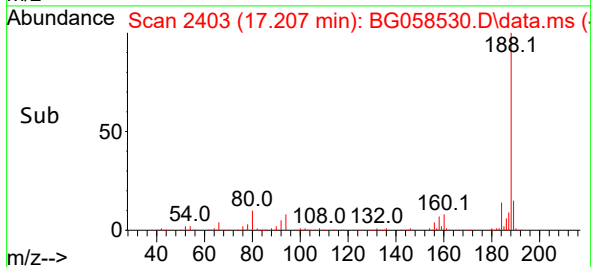
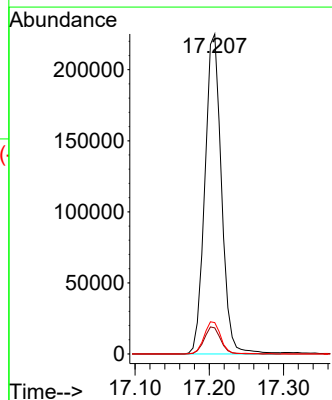
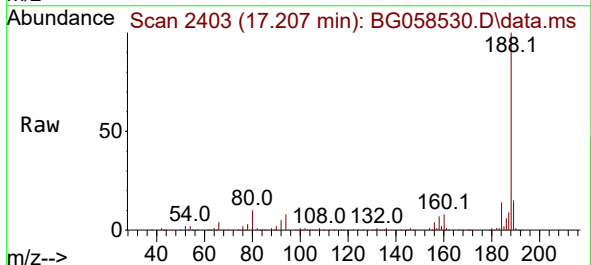
Tgt Ion:188 Resp: 350572

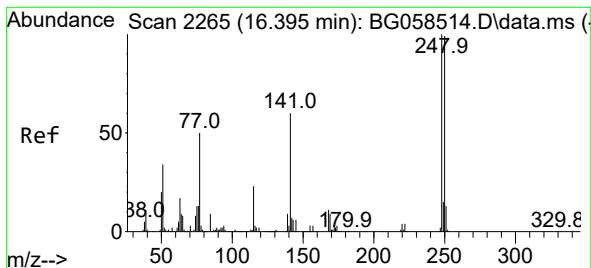
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 9.8 8.1 12.1

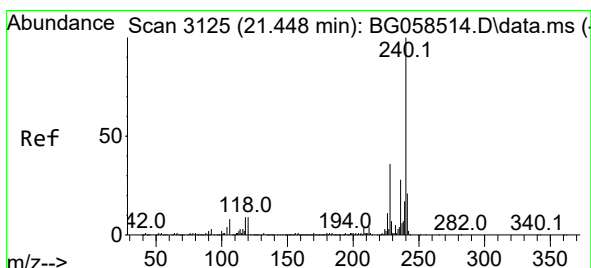
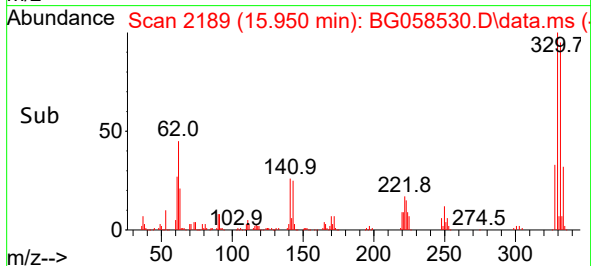
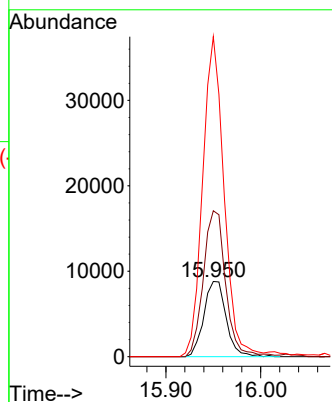
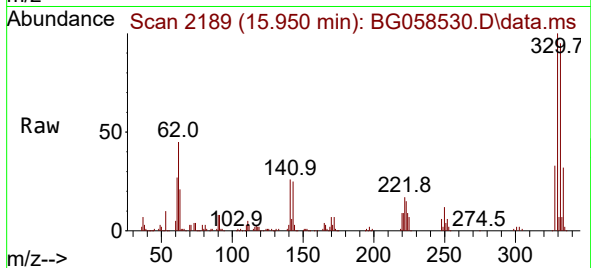




#67
4-Bromophenyl-phenylether
Concen: 3.630 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.445 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

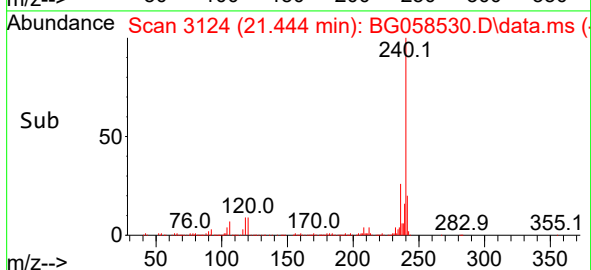
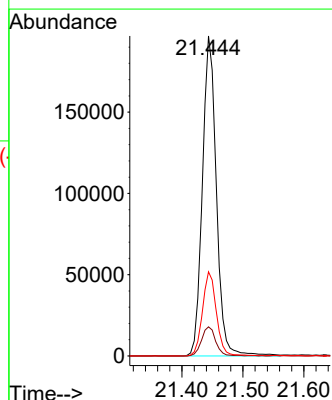
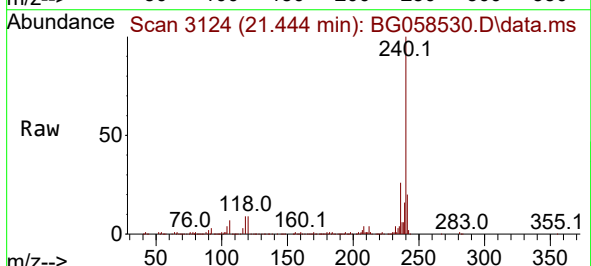
Instrument :
BNA_G
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SB-05-(6-8)

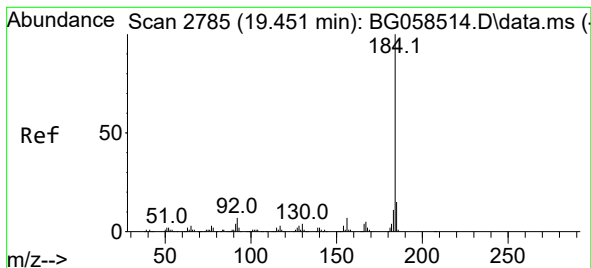
Tgt Ion:248 Resp: 14432
Ion Ratio Lower Upper
248 100
250 194.1 79.5 119.3#
141 425.6 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

Tgt Ion:240 Resp: 314499
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 26.3 22.2 33.4





#77

Benzidine

Concen: 2.888 ng

RT: 19.822 min Scan# 21

Delta R.T. 0.371 min

Lab File: BG058530.D

Acq: 28 Jul 2023 23:10

Instrument :

BNA_G

ClientSampleId :

SB-05-(6-8)

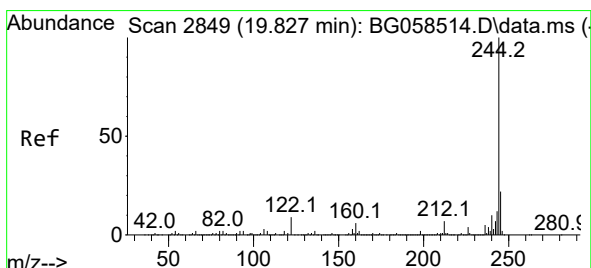
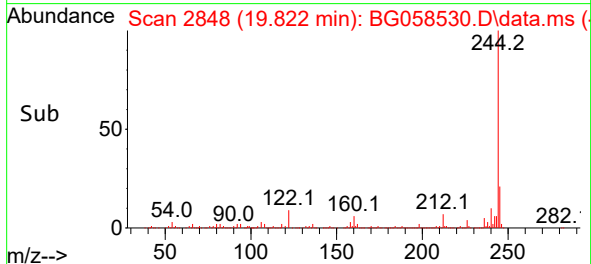
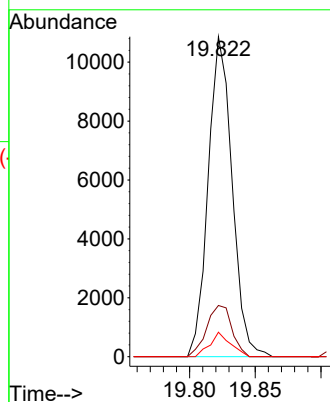
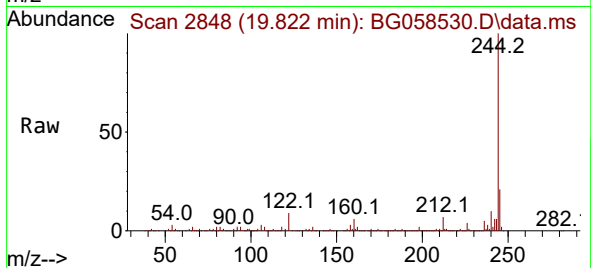
Tgt Ion:184 Resp: 13771

Ion Ratio Lower Upper

184 100

185 16.0 11.9 17.9

183 7.7 8.7 13.1#



#79

Terphenyl-d14

Concen: 66.215 ng

RT: 19.822 min Scan# 2848

Delta R.T. -0.005 min

Lab File: BG058530.D

Acq: 28 Jul 2023 23:10

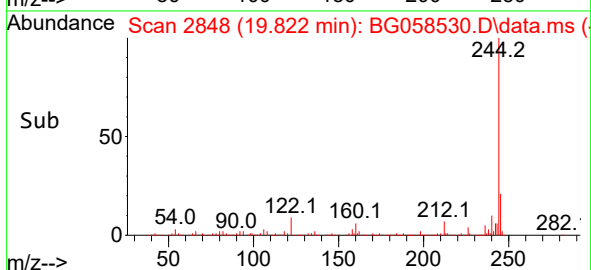
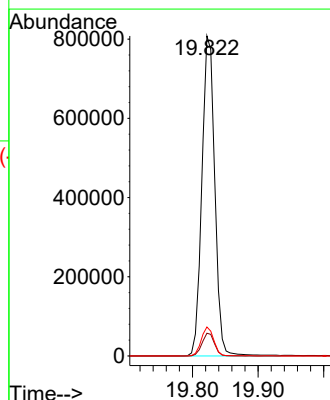
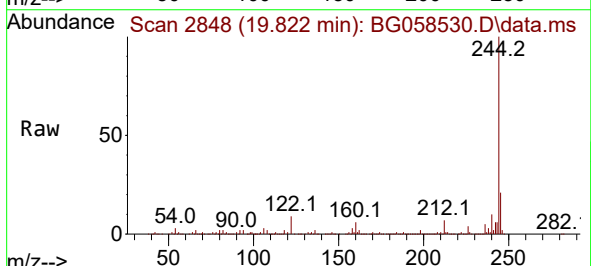
Tgt Ion:244 Resp: 1107379

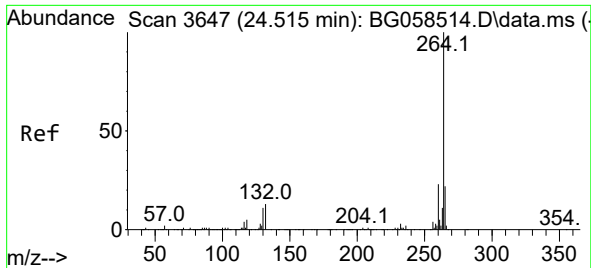
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 9.1 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG058530.D
 Acq: 28 Jul 2023 23:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-(6-8)

Tgt Ion:264 Resp: 386140
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.5 17.9 26.9

