

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073123\
 Data File : BG058551.D
 Acq On : 31 Jul 2023 20:14
 Operator : MA/JU
 Sample : 03741-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P29A

Quant Time: Aug 01 02:51:27 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)

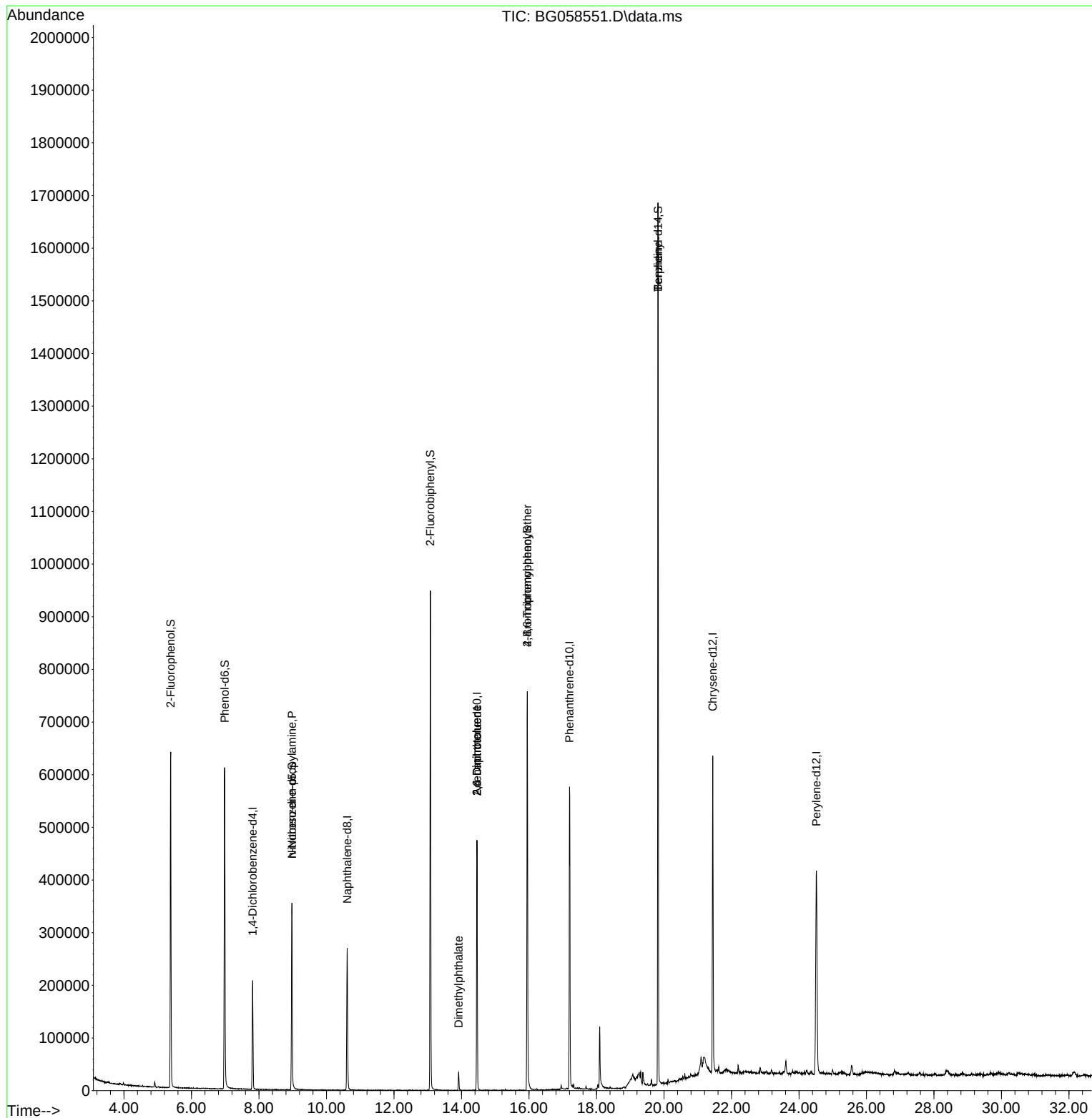
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	58604	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	246265	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	173478	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	396007	20.000	ng	0.00
76) Chrysene-d12	21.444	240	343623	20.000	ng	0.00
86) Perylene-d12	24.517	264	424445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	276375	72.082	ng	0.00
7) Phenol-d6	6.985	99	387340	72.601	ng	0.00
23) Nitrobenzene-d5	8.977	82	228333	45.548	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	175831	61.838	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	534396	46.164	ng	0.00
79) Terphenyl-d14	19.823	244	886575	48.519	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.977	70	28701	8.328	ng	Qvalue # 82
50) Dimethylphthalate	13.918	163	27333	2.098	ng	97
51) 2,6-Dinitrotoluene	14.458	165	22504	7.872	ng	# 24
57) 2,4-Dinitrotoluene	14.458	165	22504	5.678	ng	# 25
67) 4-Bromophenyl-phenylether	15.951	248	10727	2.388	ng	# 1
77) Benzydine	19.823	184	10495	2.014	ng	# 93

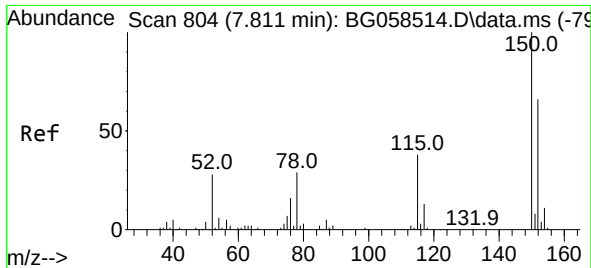
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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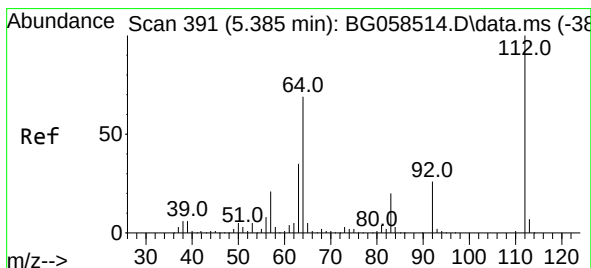
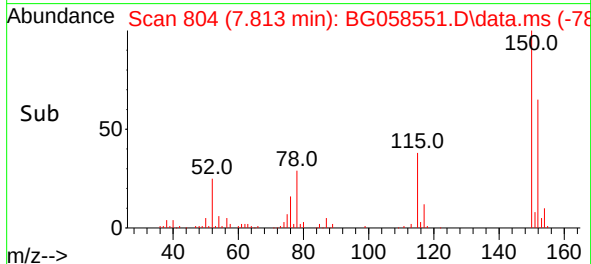
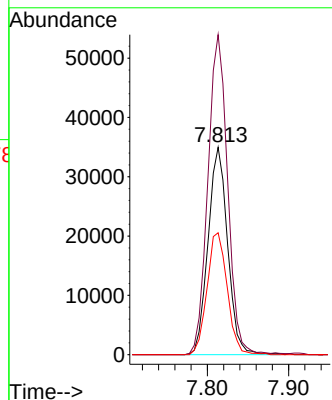
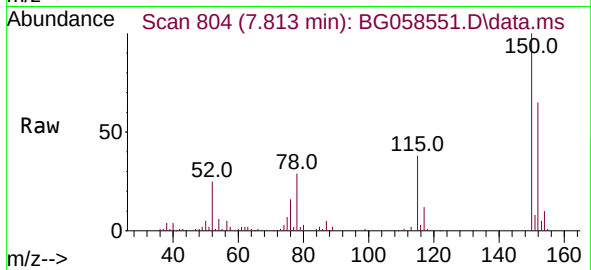




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.813 min Scan# 804
 Delta R.T. 0.002 min
 Lab File: BG058551.D
 Acq: 31 Jul 2023 20:14

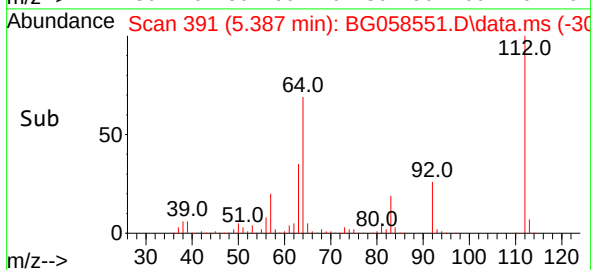
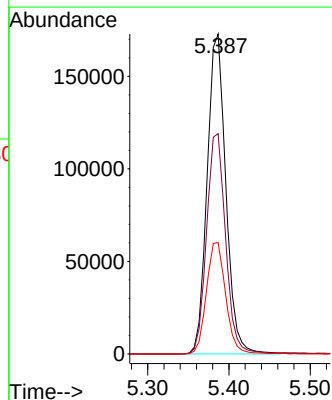
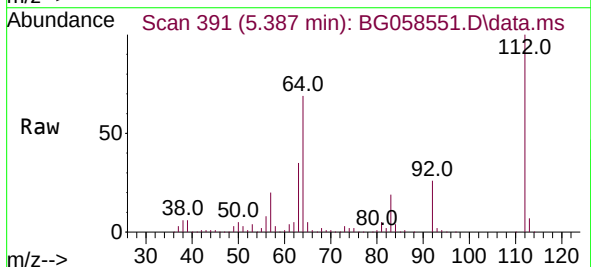
Instrument :
 BNA_G
 ClientSampleId :
 B-P29A

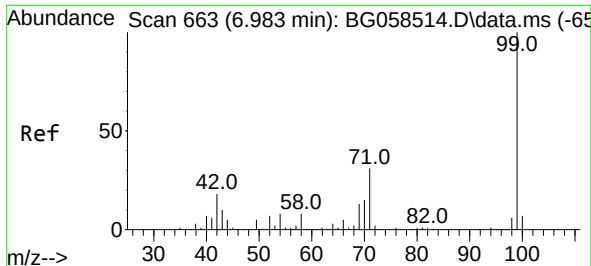
Tgt Ion:152 Resp: 58604
 Ion Ratio Lower Upper
 152 100
 150 154.3 120.5 180.7
 115 58.8 45.9 68.9



#5
 2-Fluorophenol
 Concen: 72.082 ng
 RT: 5.387 min Scan# 391
 Delta R.T. 0.002 min
 Lab File: BG058551.D
 Acq: 31 Jul 2023 20:14

Tgt Ion:112 Resp: 276375
 Ion Ratio Lower Upper
 112 100
 64 68.9 55.3 82.9
 63 34.8 28.3 42.5

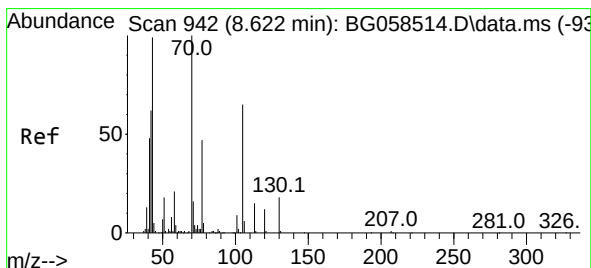
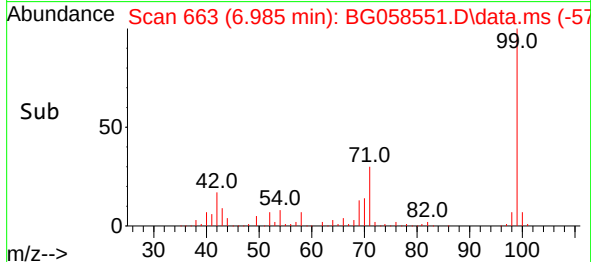
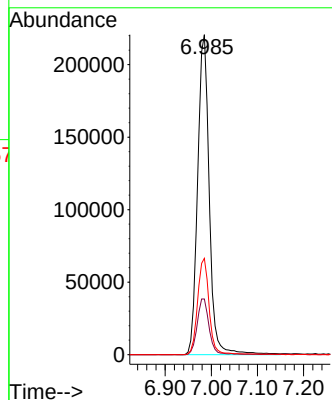
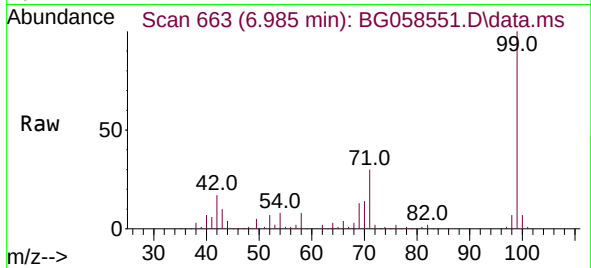




#7
Phenol-d6
Concen: 72.601 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058551.D
Acq: 31 Jul 2023 20:14

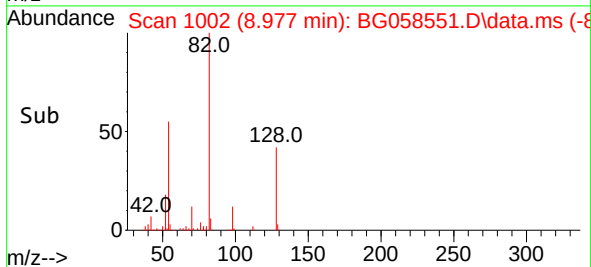
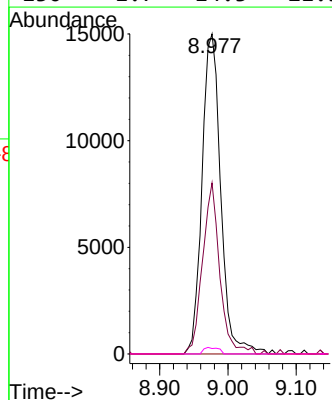
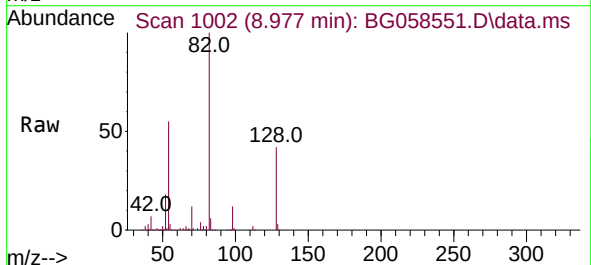
Instrument :
BNA_G
ClientSampleId :
B-P29A

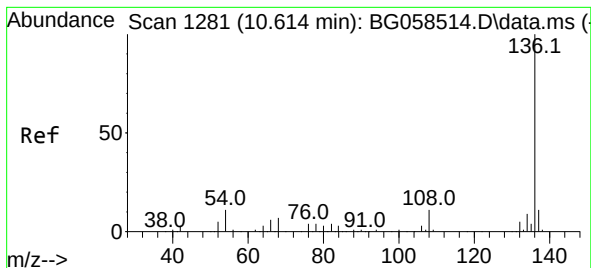
Tgt Ion: 99 Resp: 387340
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 30.1 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.328 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058551.D
Acq: 31 Jul 2023 20:14

Tgt Ion: 70 Resp: 28701
Ion Ratio Lower Upper
70 100
42 53.4 49.7 74.5
101 0.0 7.0 10.4#
130 1.7 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.616 min Scan# 1002

Delta R.T. 0.002 min

Lab File: BG058551.D

Acq: 31 Jul 2023 20:14

Instrument :

BNA_G

ClientSampleId :

B-P29A

Tgt Ion:136 Resp: 246265

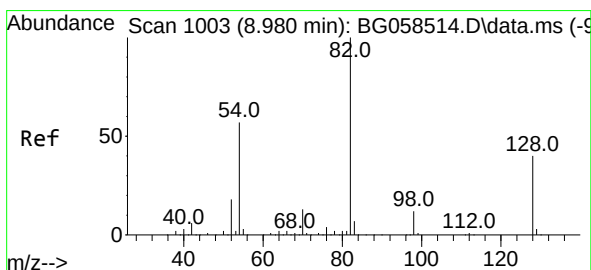
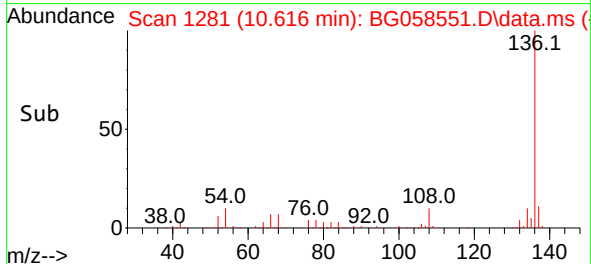
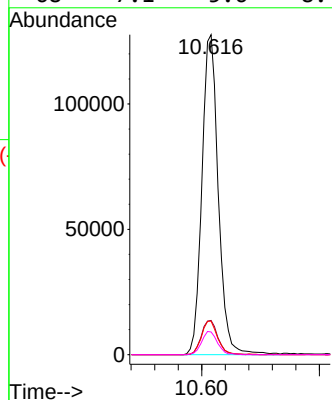
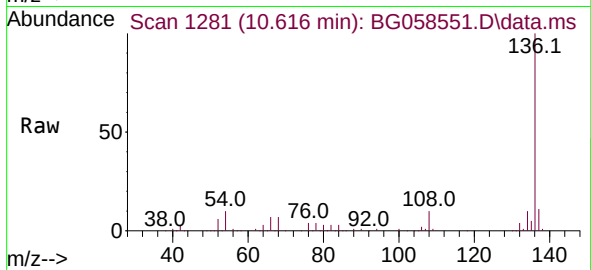
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 10.5 8.9 13.3

68 7.1 5.6 8.4



#23

Nitrobenzene-d5

Concen: 45.548 ng

RT: 8.977 min Scan# 1002

Delta R.T. -0.004 min

Lab File: BG058551.D

Acq: 31 Jul 2023 20:14

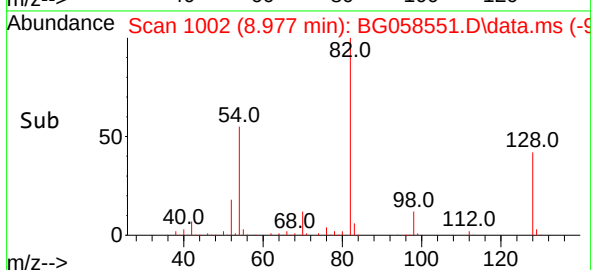
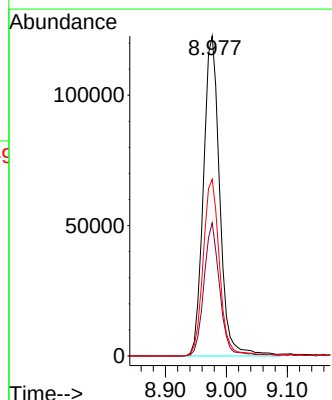
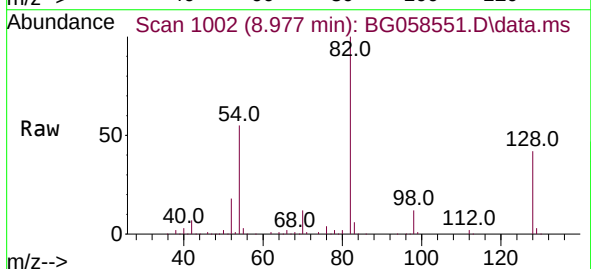
Tgt Ion: 82 Resp: 228333

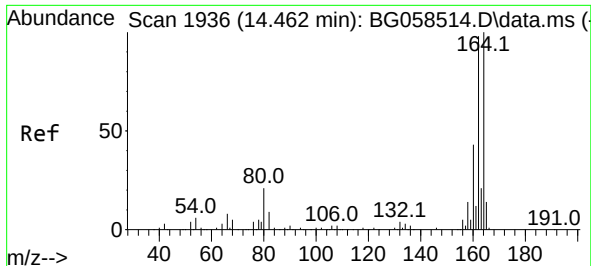
Ion Ratio Lower Upper

82 100

128 41.6 32.2 48.2

54 55.2 46.0 69.0

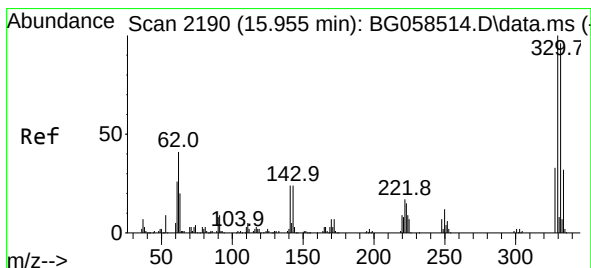
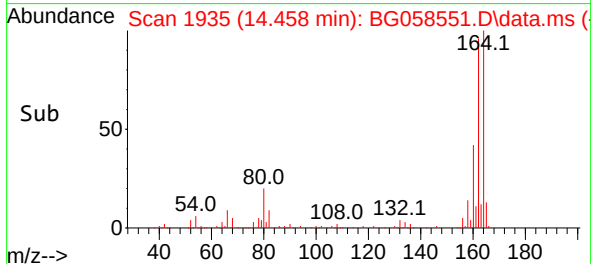
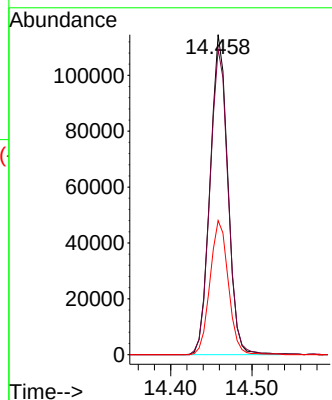
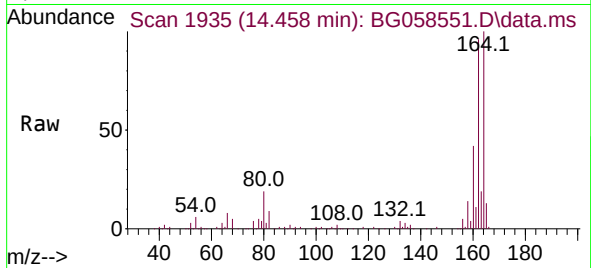




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG058551.D
Acq: 31 Jul 2023 20:14

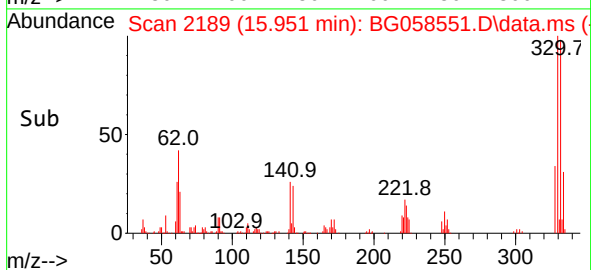
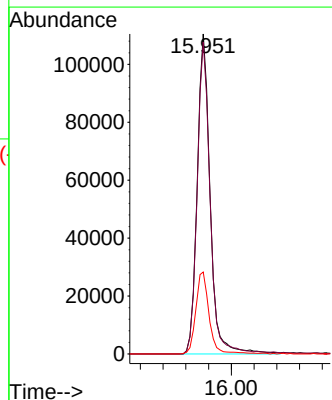
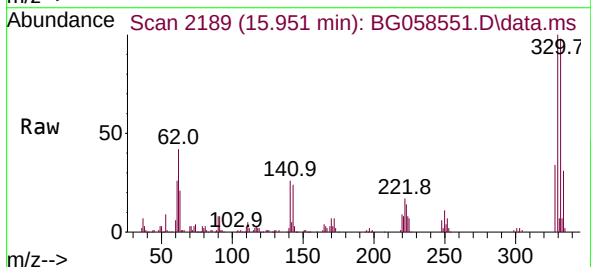
Instrument :
BNA_G
ClientSampleId :
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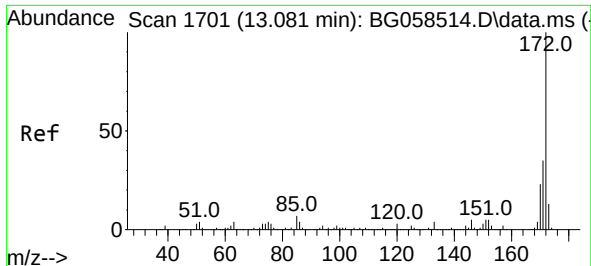
Tgt Ion:164 Resp: 173478
Ion Ratio Lower Upper
164 100
162 95.5 78.3 117.5
160 41.9 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 61.838 ng
RT: 15.951 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG058551.D
Acq: 31 Jul 2023 20:14

Tgt Ion:330 Resp: 175831
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 26.1 20.7 31.1

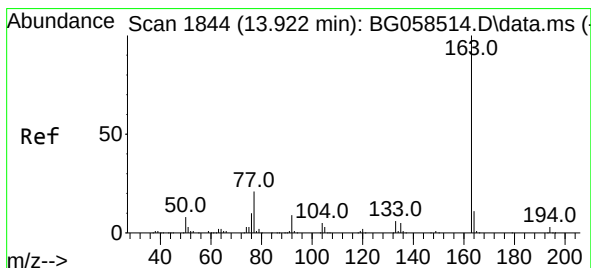
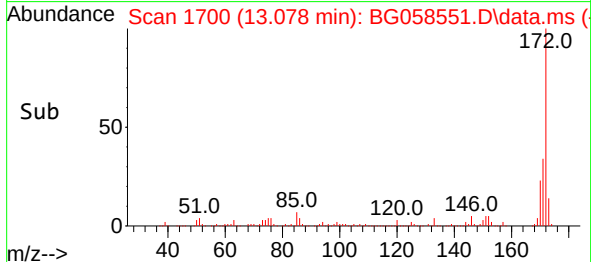
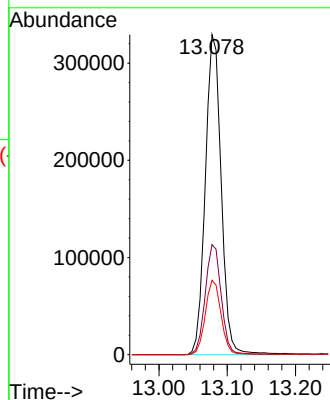
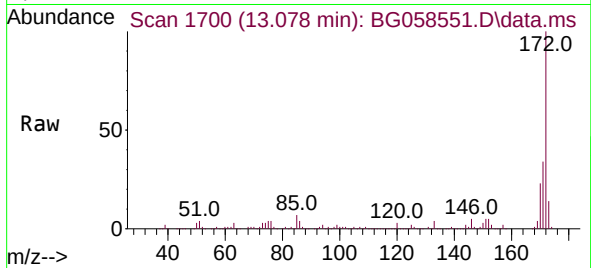




#45
2-Fluorobiphenyl
Concen: 46.164 ng
RT: 13.078 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058551.D
Acq: 31 Jul 2023 20:14

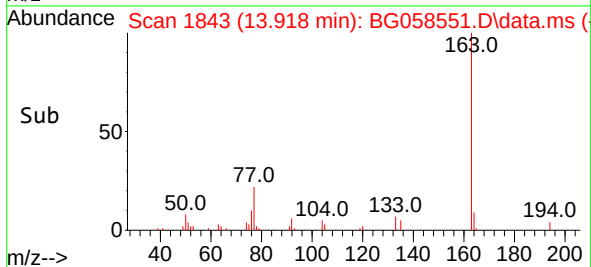
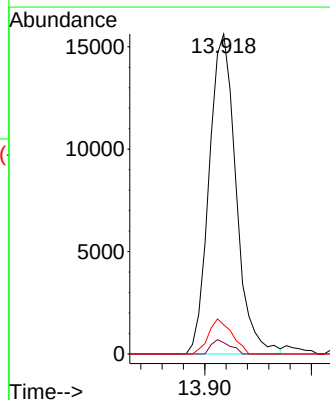
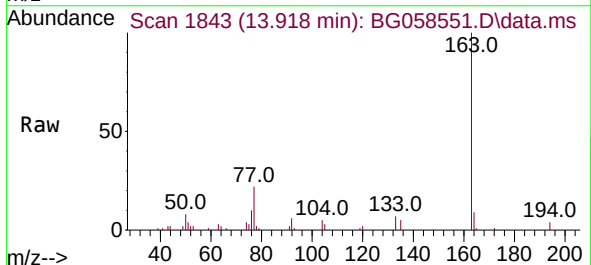
Instrument :
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ClientSampleId :
B-P29A

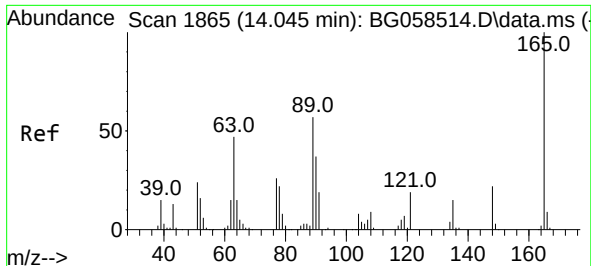
Tgt Ion:172 Resp: 534396
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.3 18.4 27.6



#50
Dimethylphthalate
Concen: 2.098 ng
RT: 13.918 min Scan# 1843
Delta R.T. -0.004 min
Lab File: BG058551.D
Acq: 31 Jul 2023 20:14

Tgt Ion:163 Resp: 27333
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.1 8.6 12.8

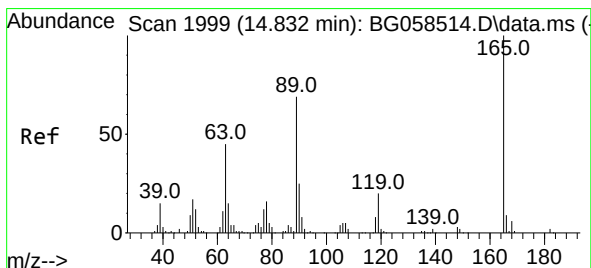
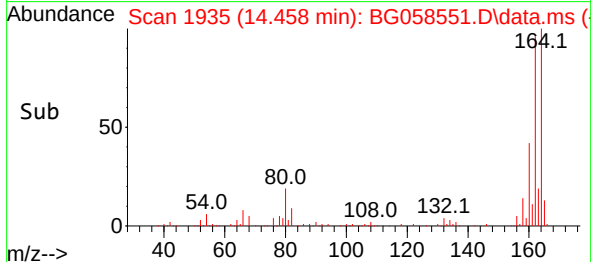
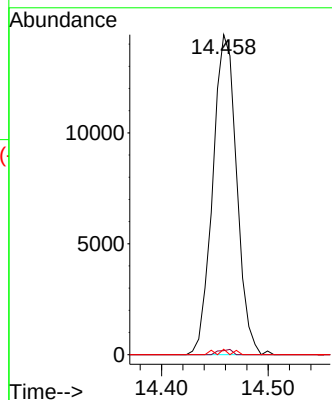
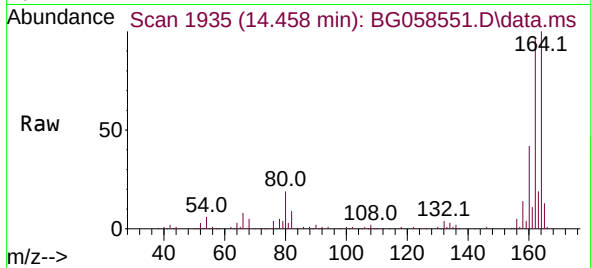




#51
2,6-Dinitrotoluene
Concen: 7.872 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058551.D
Acq: 31 Jul 2023 20:14

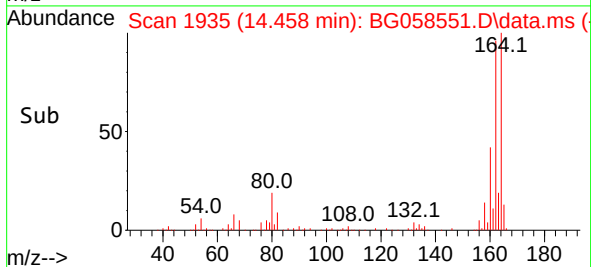
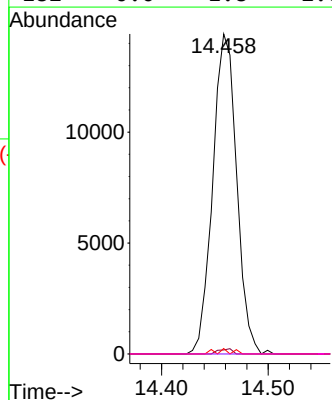
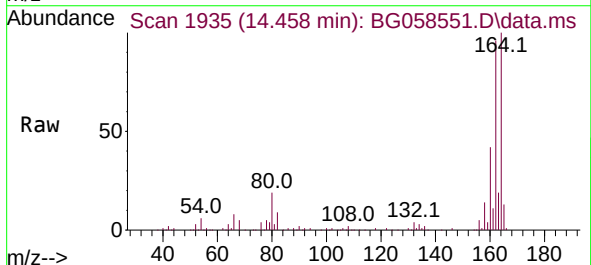
Instrument :
BNA_G
ClientSampleId :
B-P29A

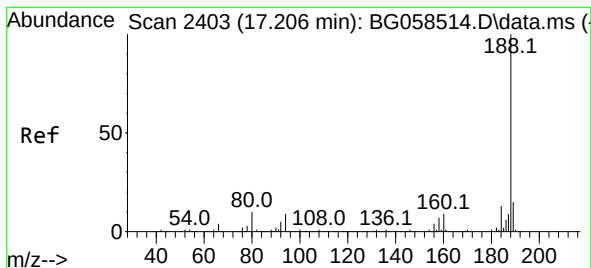
Tgt Ion:165 Resp: 22504
Ion Ratio Lower Upper
165 100
63 1.3 46.4 69.6#
89 1.7 45.3 67.9#



#57
2,4-Dinitrotoluene
Concen: 5.678 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.374 min
Lab File: BG058551.D
Acq: 31 Jul 2023 20:14

Tgt Ion:165 Resp: 22504
Ion Ratio Lower Upper
165 100
63 1.3 36.6 54.8#
89 1.7 55.4 83.0#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.202 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG058551.D

Acq: 31 Jul 2023 20:14

Instrument :

BNA_G

ClientSampleId :

B-P29A

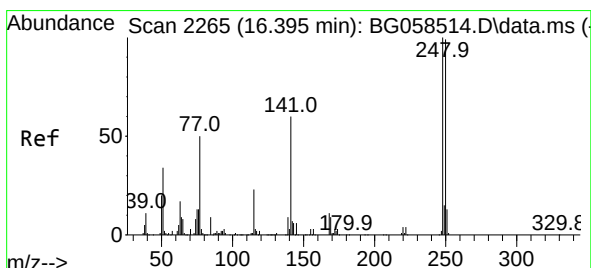
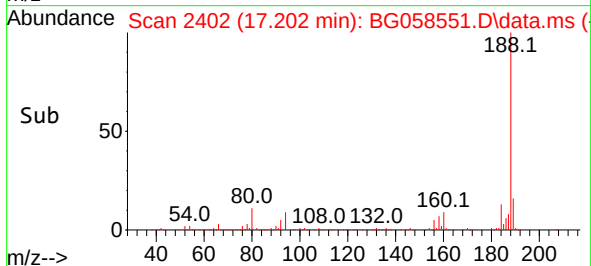
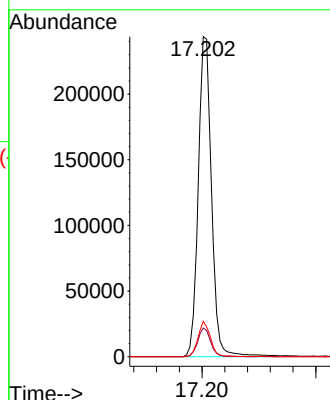
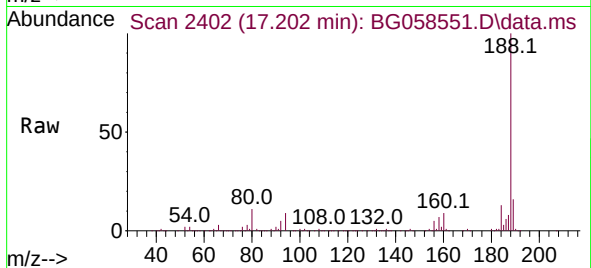
Tgt Ion:188 Resp: 396007

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 11.0 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.388 ng

RT: 15.951 min Scan# 2189

Delta R.T. -0.445 min

Lab File: BG058551.D

Acq: 31 Jul 2023 20:14

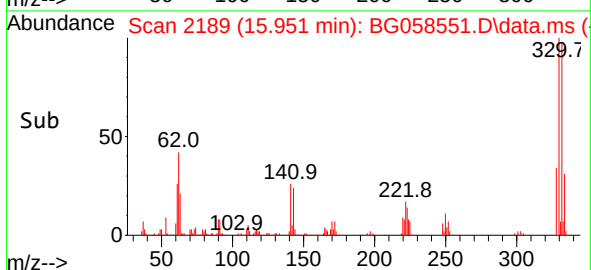
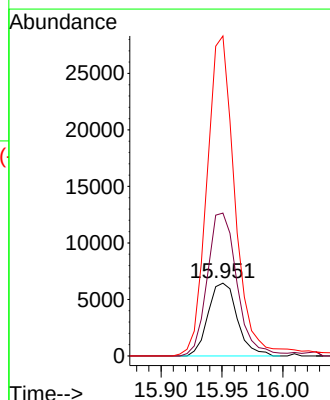
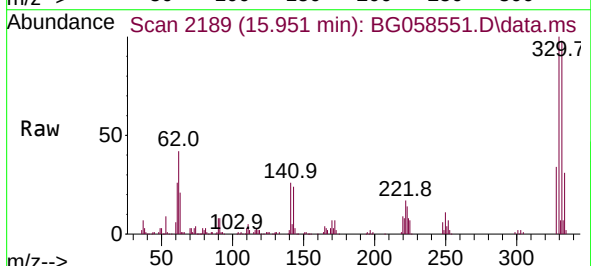
Tgt Ion:248 Resp: 10727

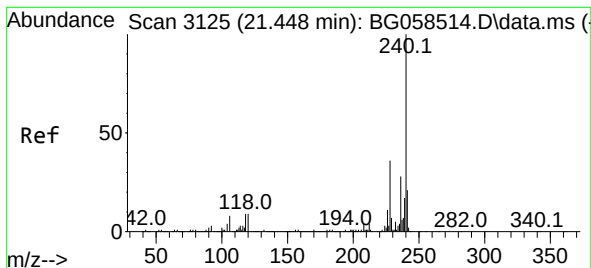
Ion Ratio Lower Upper

248 100

250 196.3 79.5 119.3#

141 439.4 48.2 72.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG058551.D

Acq: 31 Jul 2023 20:14

Instrument :

BNA_G

ClientSampleId :

B-P29A

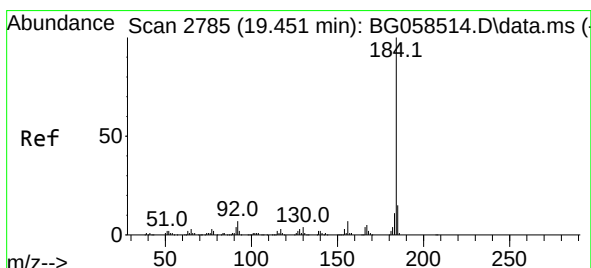
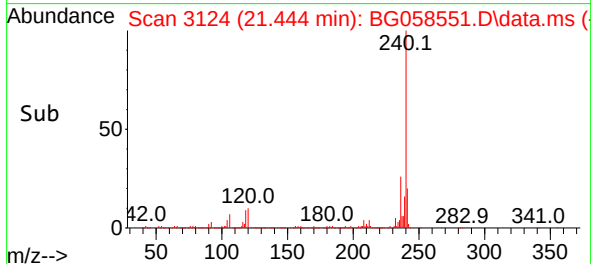
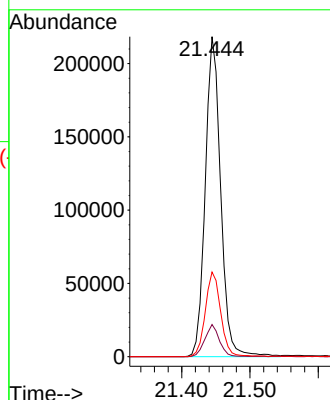
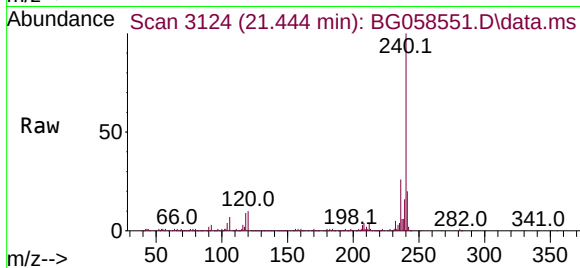
Tgt Ion:240 Resp: 343623

Ion Ratio Lower Upper

240 100

120 10.0 7.4 11.0

236 26.5 22.2 33.4



#77

Benzidine

Concen: 2.014 ng

RT: 19.823 min Scan# 2848

Delta R.T. 0.372 min

Lab File: BG058551.D

Acq: 31 Jul 2023 20:14

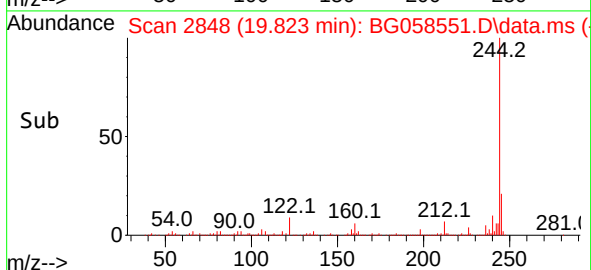
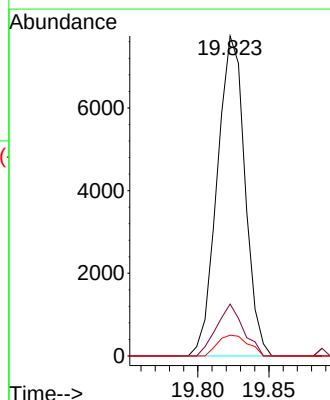
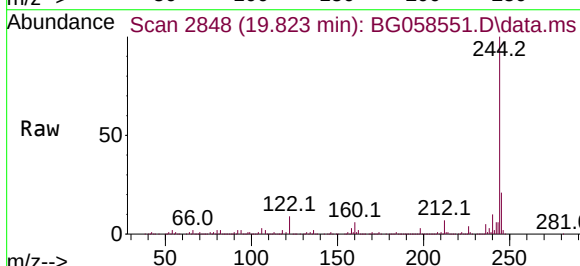
Tgt Ion:184 Resp: 10495

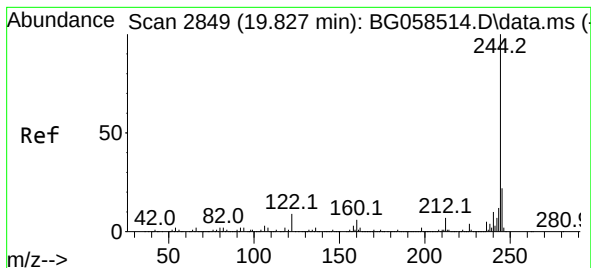
Ion Ratio Lower Upper

184 100

185 16.2 11.9 17.9

183 6.5 8.7 13.1#





#79

Terphenyl-d14

Concen: 48.519 ng

RT: 19.823 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG058551.D

Acq: 31 Jul 2023 20:14

Instrument :

BNA_G

ClientSampleId :

B-P29A

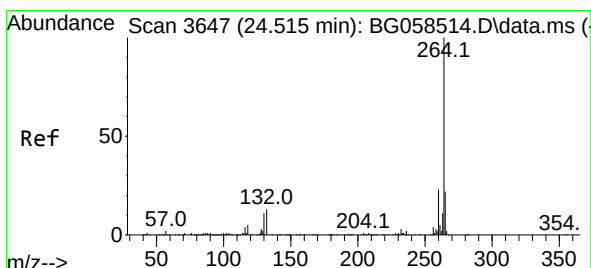
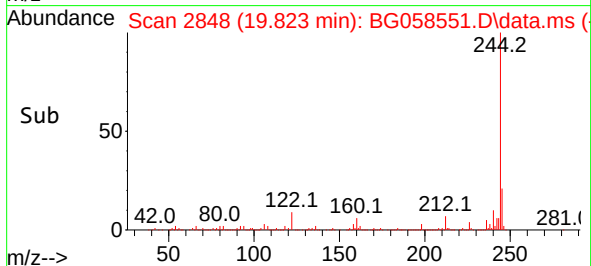
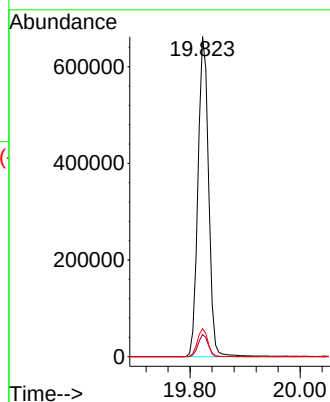
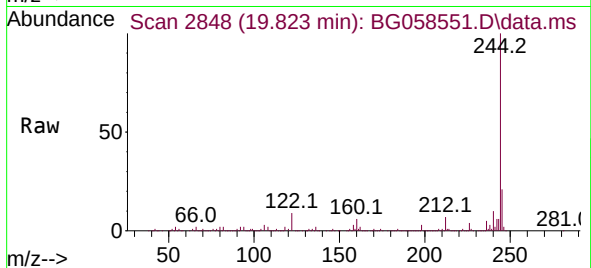
Tgt Ion:244 Resp: 886575

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.7 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.517 min Scan# 3647

Delta R.T. 0.002 min

Lab File: BG058551.D

Acq: 31 Jul 2023 20:14

Tgt Ion:264 Resp: 424445

Ion Ratio Lower Upper

264 100

260 22.3 18.4 27.6

265 21.6 17.9 26.9

