

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058529.D
 Acq On : 28 Jul 2023 22:27
 Operator : MA/JU
 Sample : 03719-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 29 01:05:38 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)

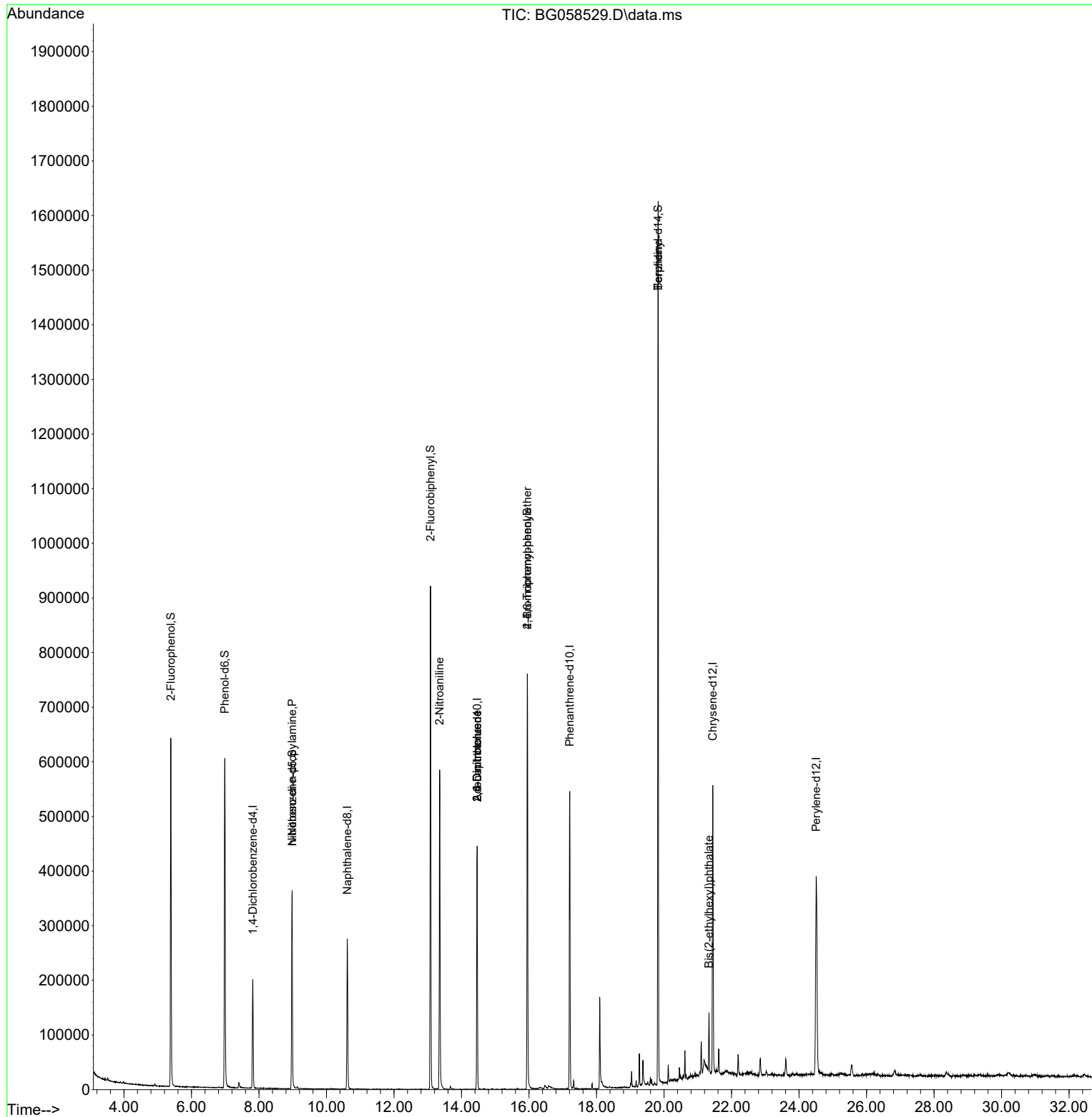
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	56732	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	236432	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	160543	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	362936	20.000	ng	0.00
76) Chrysene-d12	21.442	240	318689	20.000	ng	0.00
86) Perylene-d12	24.509	264	398633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	280258	75.506	ng	0.00
7) Phenol-d6	6.989	99	384038	74.357	ng	0.00
23) Nitrobenzene-d5	8.980	82	229223	47.627	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	176760	67.173	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	516632	48.225	ng	0.00
79) Terphenyl-d14	19.826	244	869602	51.314	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.980	70	28481	8.537	ng	# 75
48) 2-Nitroaniline	13.352	65	11726	3.574	ng	# 19
51) 2,6-Dinitrotoluene	14.462	165	20433	7.723	ng	# 22
57) 2,4-Dinitrotoluene	14.462	165	20433	5.571	ng	# 23
67) 4-Bromophenyl-phenylether	15.949	248	10445	2.537	ng	# 1
77) Benzidine	19.826	184	10738	2.222	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.331	149	41472	3.186	ng	# 98

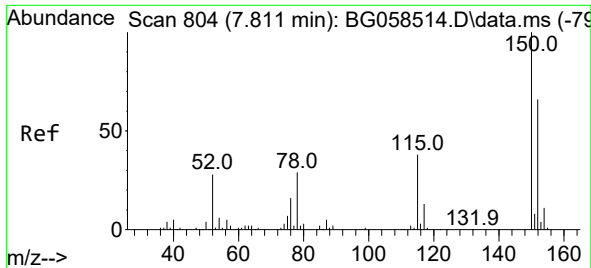
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058529.D
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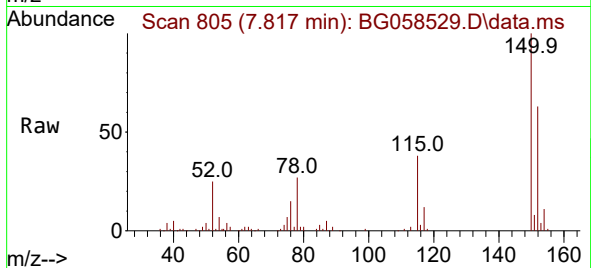
Quant Time: Jul 29 01:05:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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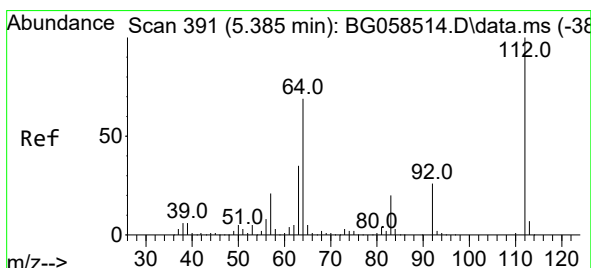
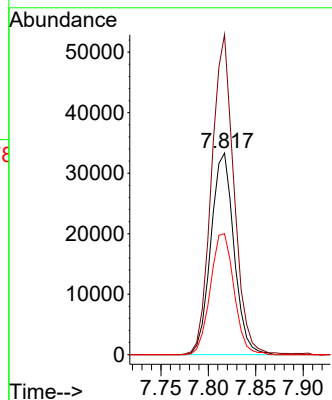
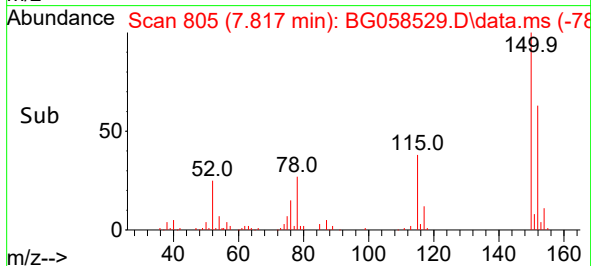


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 804
Delta R.T. 0.006 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

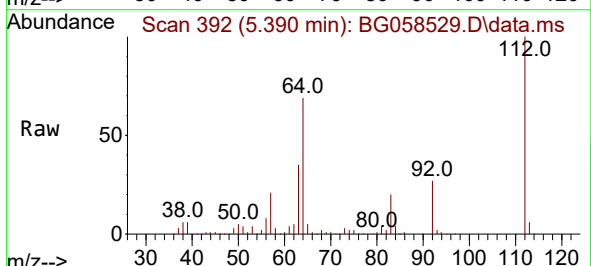
Instrument :
BNA_G
ClientSampleId :



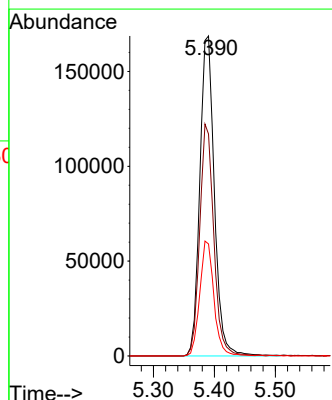
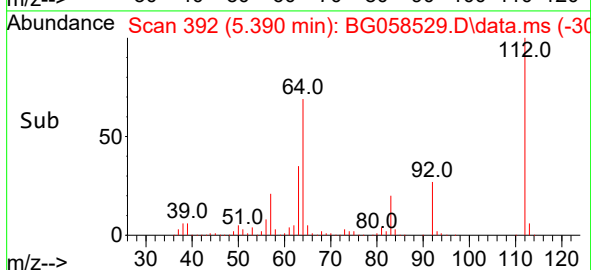
Tgt Ion:152 Resp: 56732
Ion Ratio Lower Upper
152 100
150 158.7 120.5 180.7
115 60.0 45.9 68.9

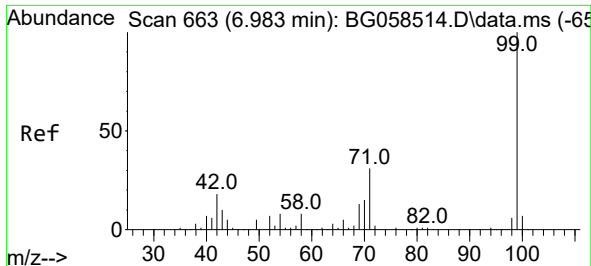


#5
2-Fluorophenol
Concen: 75.506 ng
RT: 5.390 min Scan# 392
Delta R.T. 0.006 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27



Tgt Ion:112 Resp: 280258
Ion Ratio Lower Upper
112 100
64 69.4 55.3 82.9
63 35.0 28.3 42.5

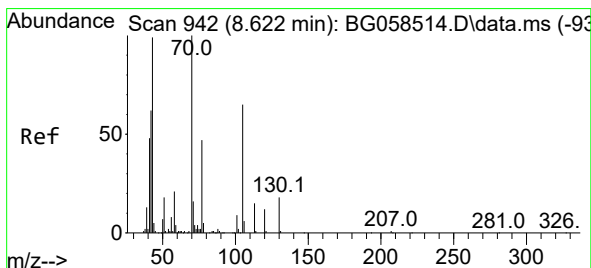
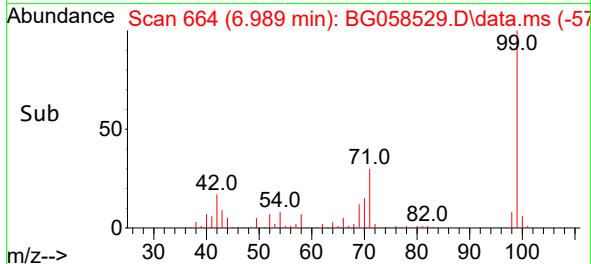
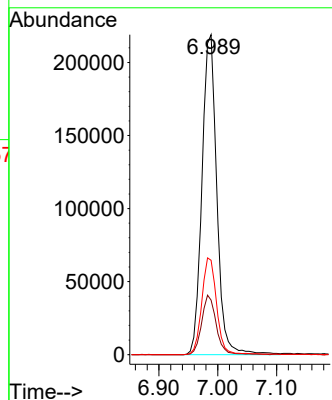
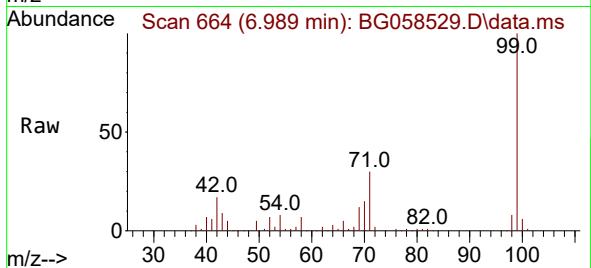




#7
Phenol-d6
Concen: 74.357 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

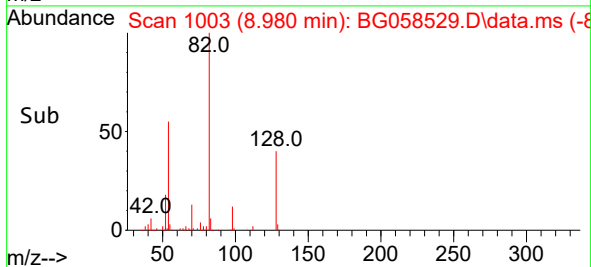
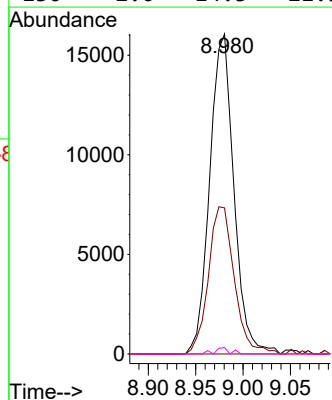
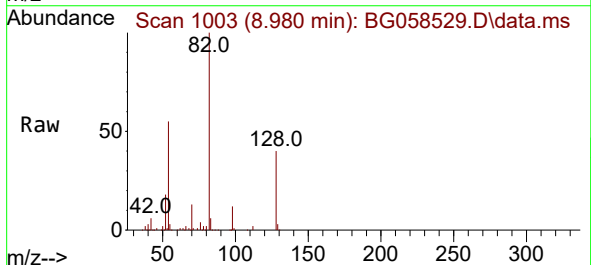
Instrument :
BNA_G
ClientSampleId :

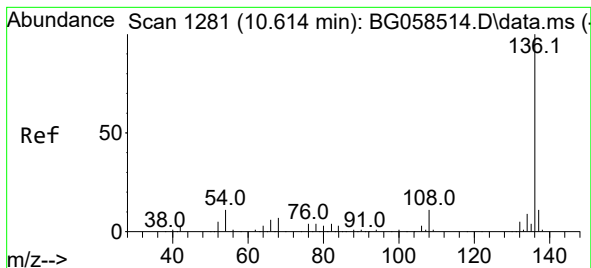
Tgt Ion: 99 Resp: 384038
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 29.5 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.537 ng
RT: 8.980 min Scan# 1003
Delta R.T. 0.358 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

Tgt Ion: 70 Resp: 28481
Ion Ratio Lower Upper
70 100
42 45.7 49.7 74.5#
101 0.0 7.0 10.4#
130 2.0 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.614 min Scan# 1281

Delta R.T. -0.000 min

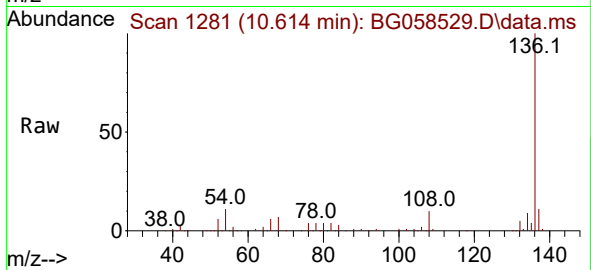
Lab File: BG058529.D

Acq: 28 Jul 2023 22:27

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:136 Resp: 236432

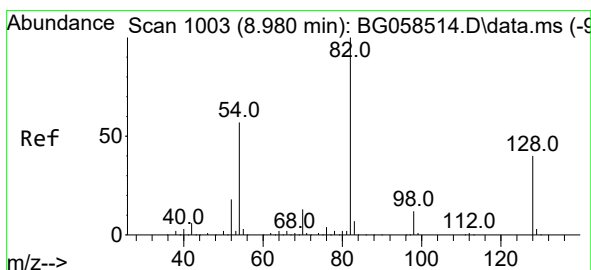
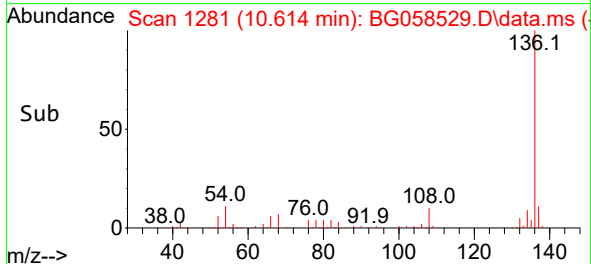
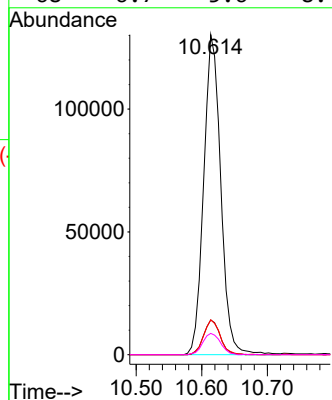
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 10.9 8.9 13.3

68 6.7 5.6 8.4



#23

Nitrobenzene-d5

Concen: 47.627 ng

RT: 8.980 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BG058529.D

Acq: 28 Jul 2023 22:27

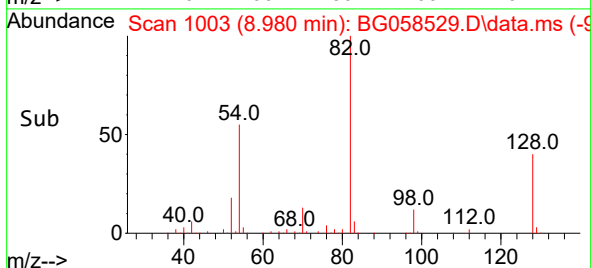
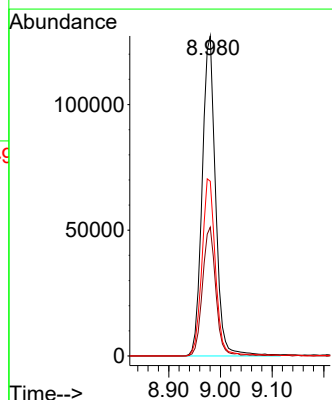
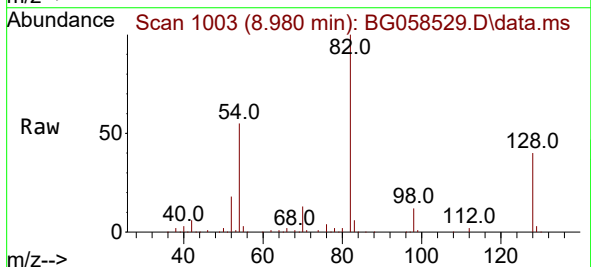
Tgt Ion: 82 Resp: 229223

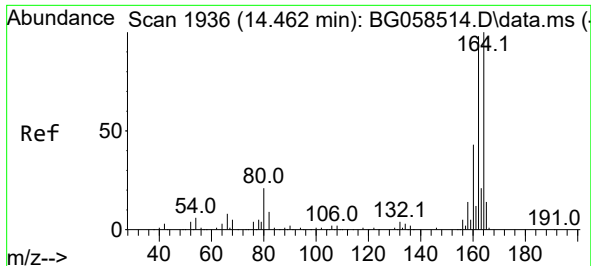
Ion Ratio Lower Upper

82 100

128 40.2 32.2 48.2

54 54.6 46.0 69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.462 min Scan# 1936

Delta R.T. -0.000 min

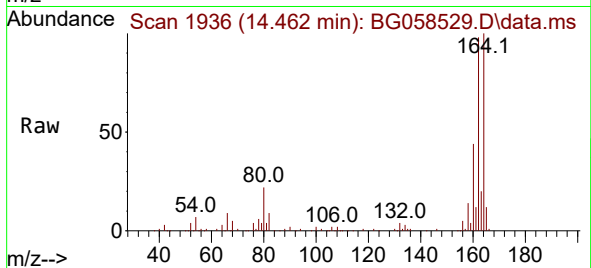
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Acq: 28 Jul 2023 22:27

Instrument :

BNA_G

ClientSampleId :



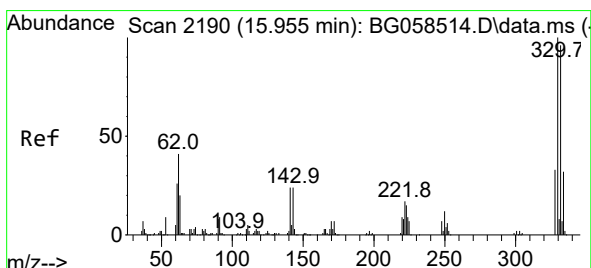
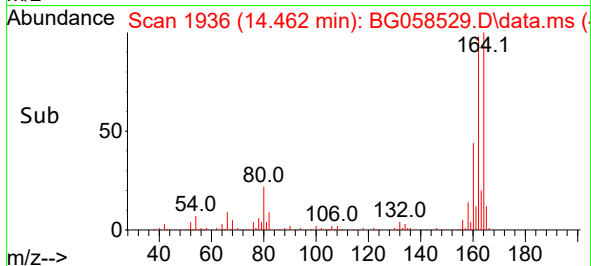
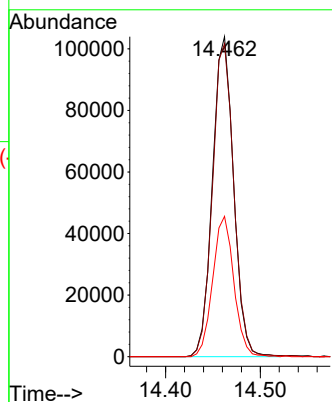
Tgt Ion:164 Resp: 160543

Ion Ratio Lower Upper

164 100

162 97.8 78.3 117.5

160 43.9 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 67.173 ng

RT: 15.949 min Scan# 2189

Delta R.T. -0.006 min

Lab File: BG058529.D

Acq: 28 Jul 2023 22:27

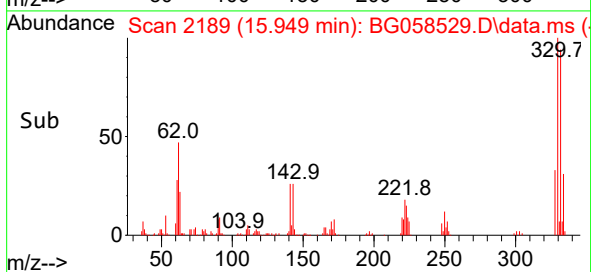
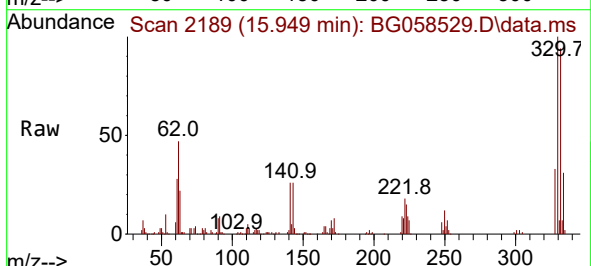
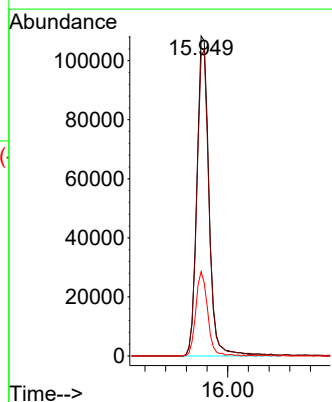
Tgt Ion:330 Resp: 176760

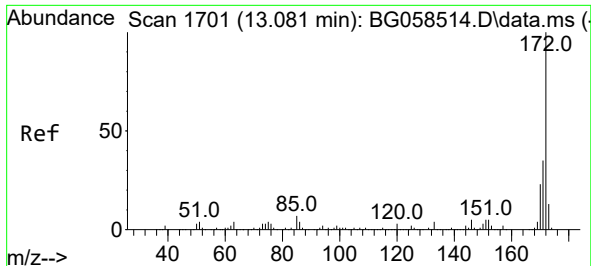
Ion Ratio Lower Upper

330 100

332 95.0 77.5 116.3

141 25.7 20.7 31.1

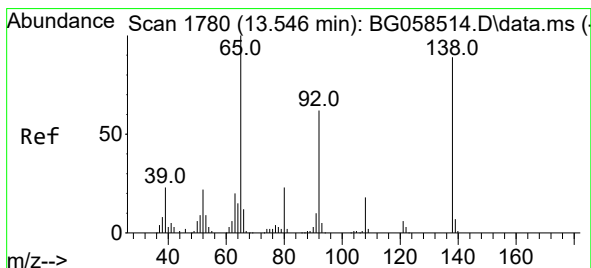
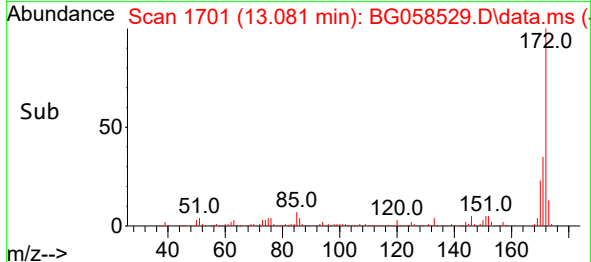
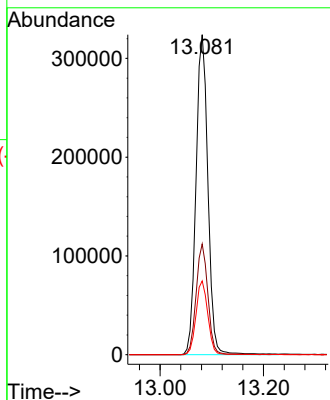
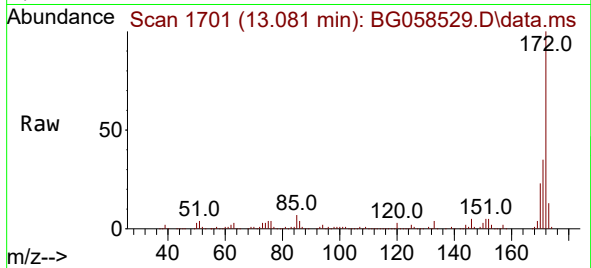




#45
2-Fluorobiphenyl
Concen: 48.225 ng
RT: 13.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

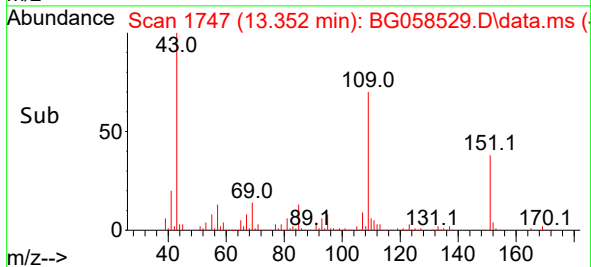
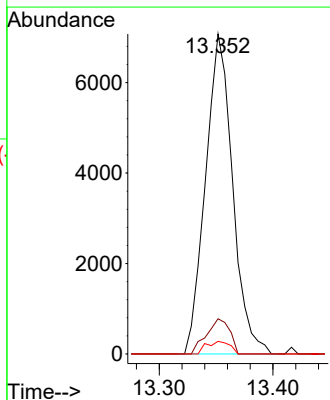
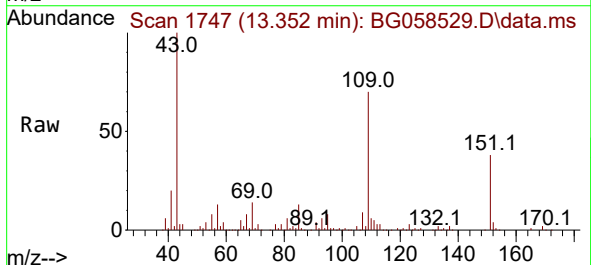
Instrument :
BNA_G
ClientSampleId :

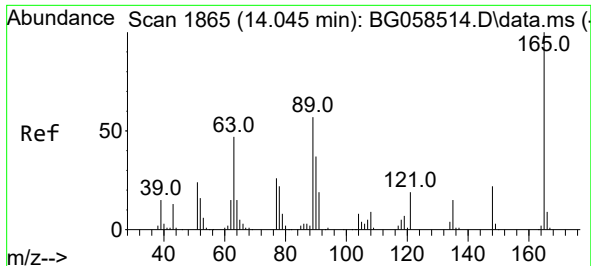
Tgt Ion:172 Resp: 516632
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.1 18.4 27.6



#48
2-Nitroaniline
Concen: 3.574 ng
RT: 13.352 min Scan# 1747
Delta R.T. -0.194 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

Tgt Ion: 65 Resp: 11726
Ion Ratio Lower Upper
65 100
92 11.0 49.2 73.8#
138 4.0 71.5 107.3#

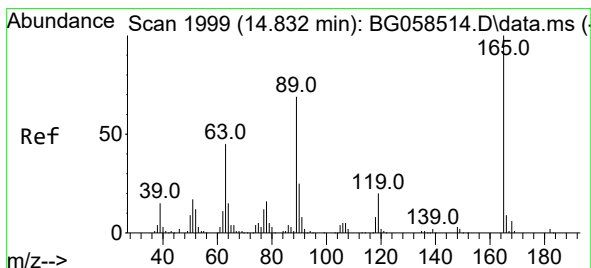
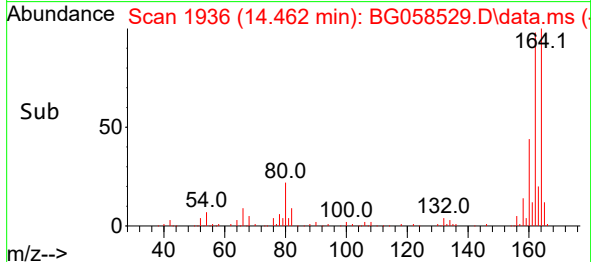
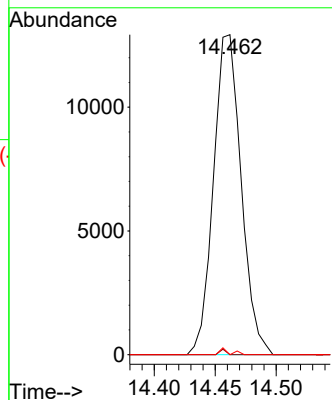
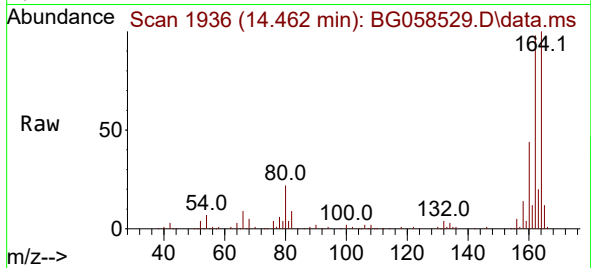




#51
2,6-Dinitrotoluene
Concen: 7.723 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

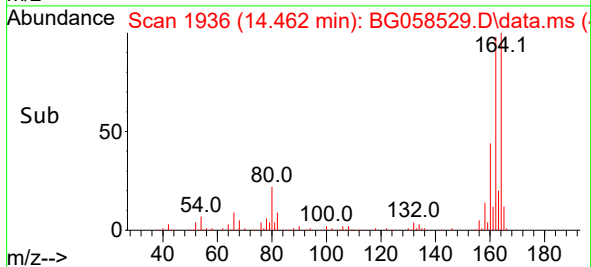
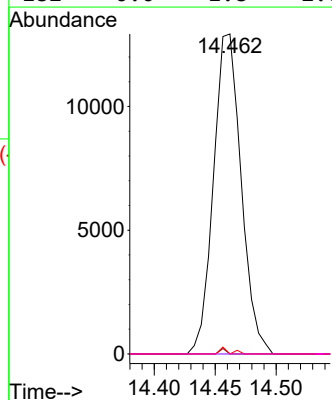
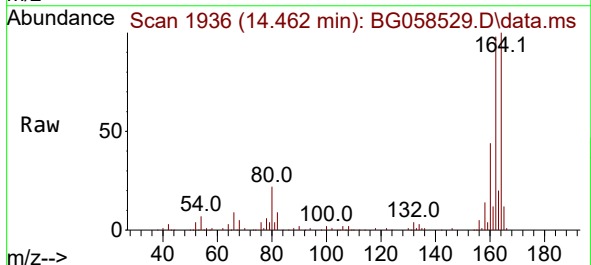
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BNA_G
ClientSampleId :

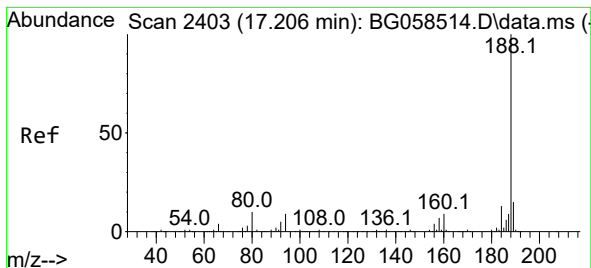
Tgt Ion:165 Resp: 20433
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#



#57
2,4-Dinitrotoluene
Concen: 5.571 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.370 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

Tgt Ion:165 Resp: 20433
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 24

Delta R.T. -0.000 min

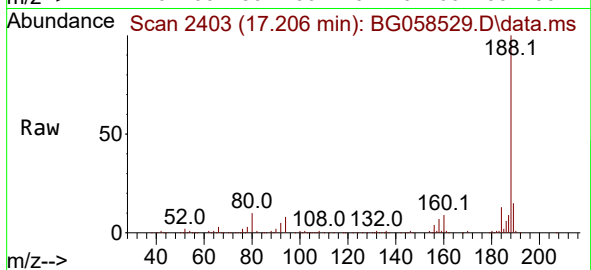
Lab File: BG058529.D

Acq: 28 Jul 2023 22:27

Instrument :

BNA_G

ClientSampleId :



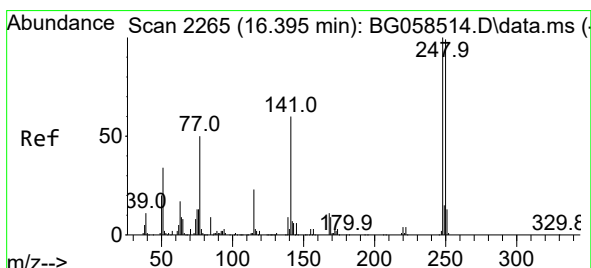
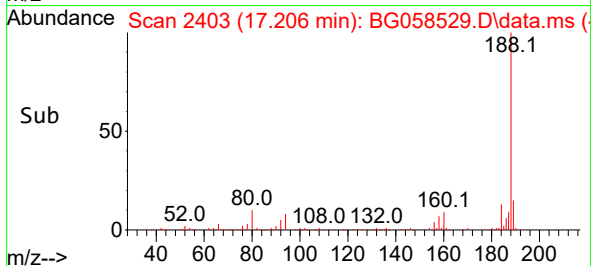
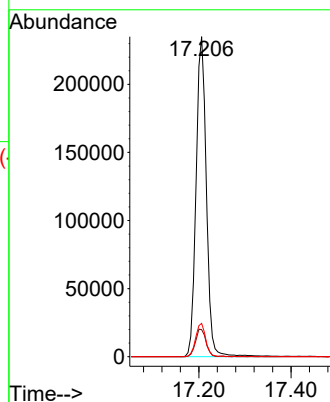
Tgt Ion:188 Resp: 362936

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 10.4 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.537 ng

RT: 15.949 min Scan# 2189

Delta R.T. -0.447 min

Lab File: BG058529.D

Acq: 28 Jul 2023 22:27

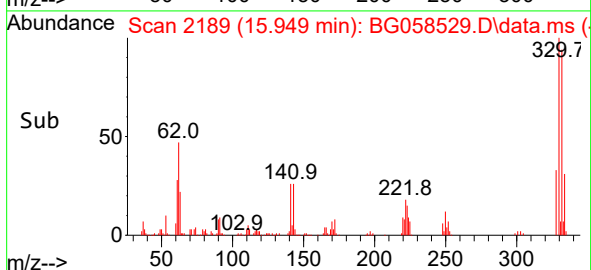
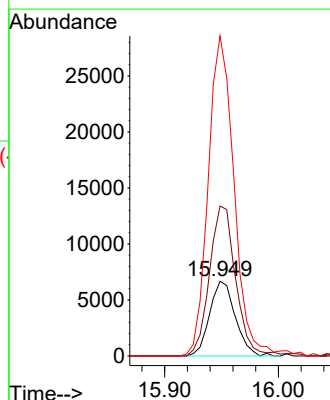
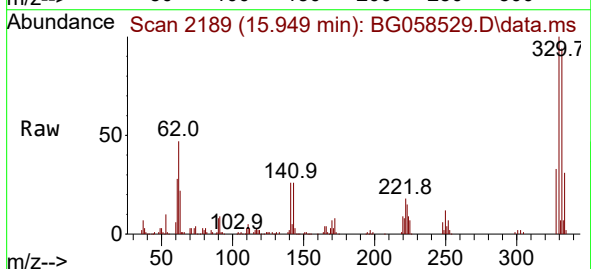
Tgt Ion:248 Resp: 10445

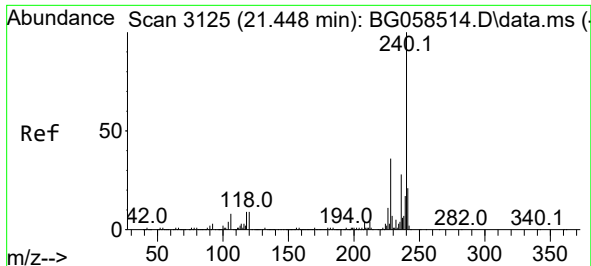
Ion Ratio Lower Upper

248 100

250 200.8 79.5 119.3#

141 428.6 48.2 72.2#

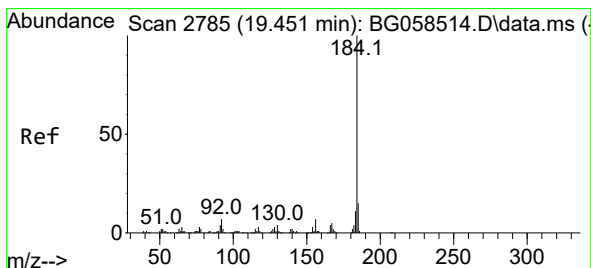
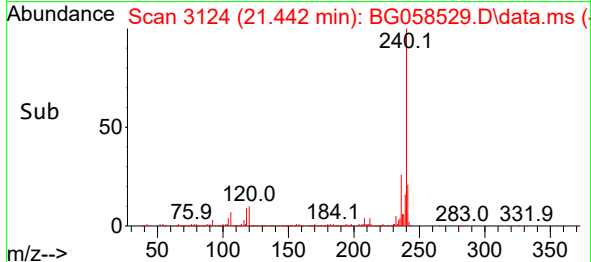
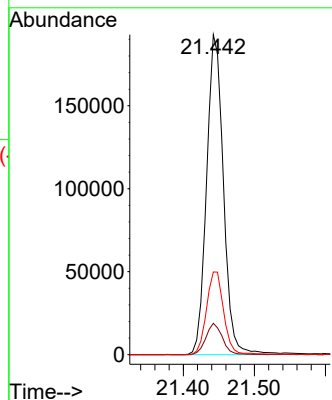
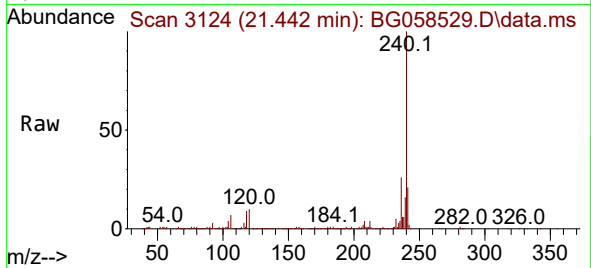




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

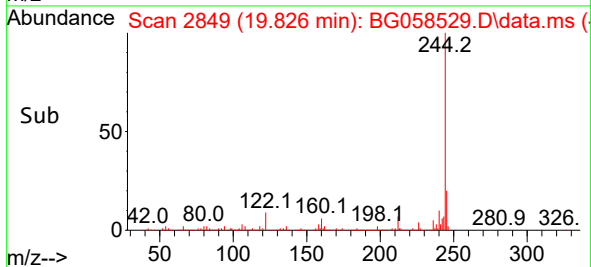
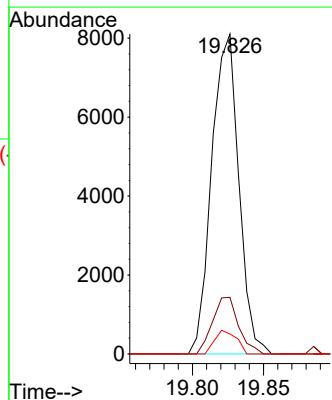
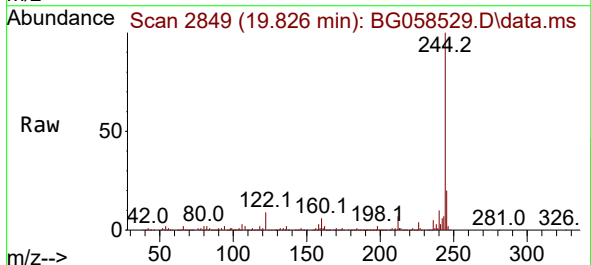
Instrument :
BNA_G
ClientSampleId :

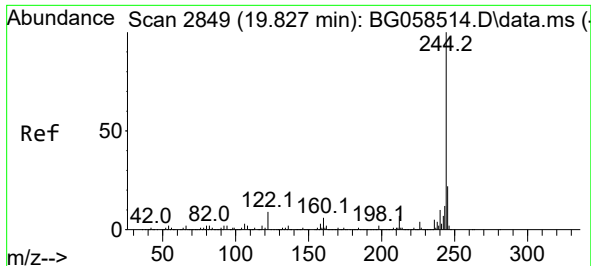
Tgt Ion:240 Resp: 318689
Ion Ratio Lower Upper
240 100
120 9.8 7.4 11.0
236 25.8 22.2 33.4



#77
Benzidine
Concen: 2.222 ng
RT: 19.826 min Scan# 2849
Delta R.T. 0.376 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

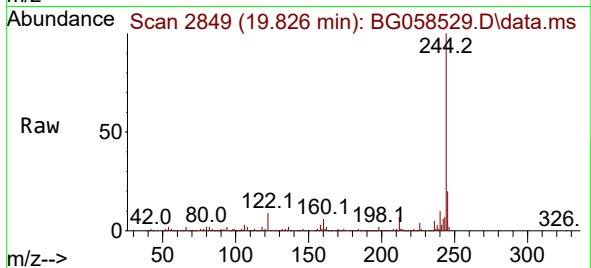
Tgt Ion:184 Resp: 10738
Ion Ratio Lower Upper
184 100
185 17.7 11.9 17.9
183 6.3 8.7 13.1#



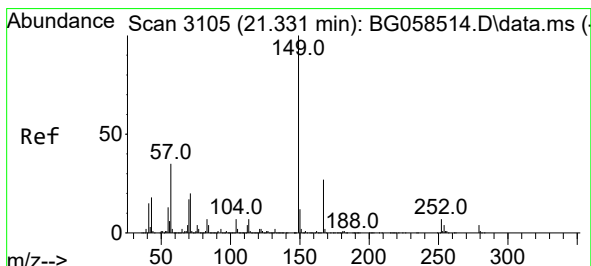
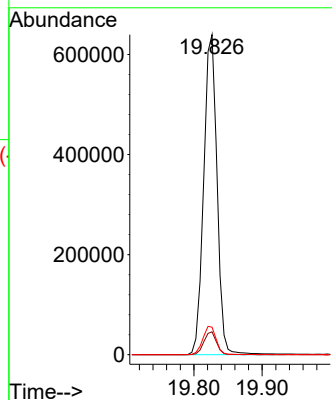
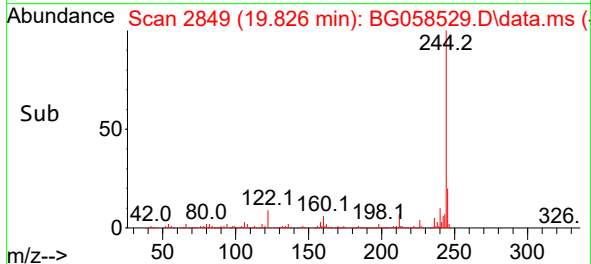


#79
 Terphenyl-d14
 Concen: 51.314 ng
 RT: 19.826 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG058529.D
 Acq: 28 Jul 2023 22:27

Instrument :
 BNA_G
 ClientSampleId :

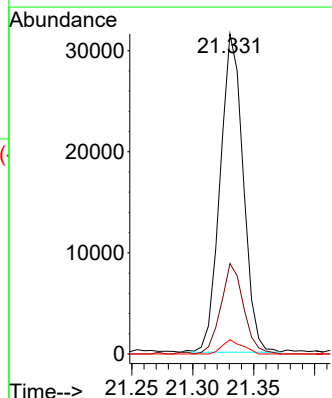
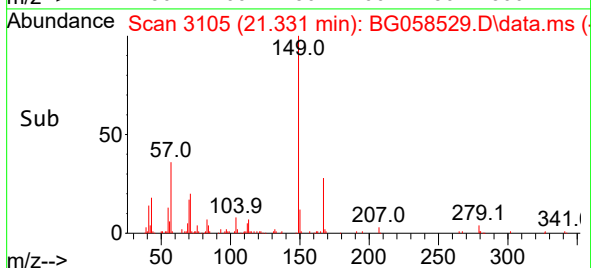
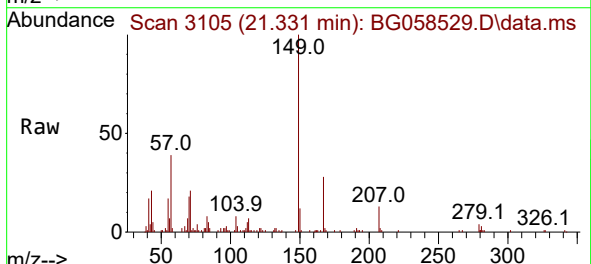


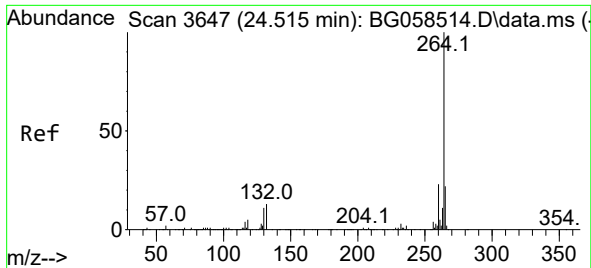
Tgt Ion:244 Resp: 869602
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.6 6.8 10.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.186 ng
 RT: 21.331 min Scan# 3105
 Delta R.T. -0.000 min
 Lab File: BG058529.D
 Acq: 28 Jul 2023 22:27

Tgt Ion:149 Resp: 41472
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.8 32.8
 279 4.4 2.9 4.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.509 min Scan# 30

Delta R.T. -0.006 min

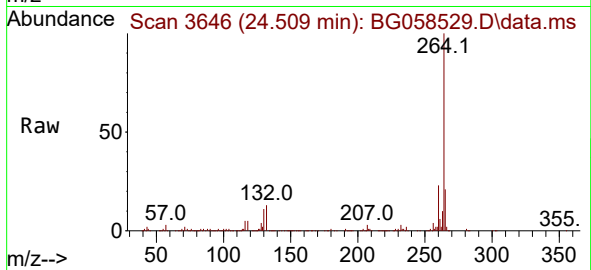
Lab File: BG058529.D

Acq: 28 Jul 2023 22:27

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:264 Resp: 398633

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.3 17.9 26.9

