

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 :
 B-P11B

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)

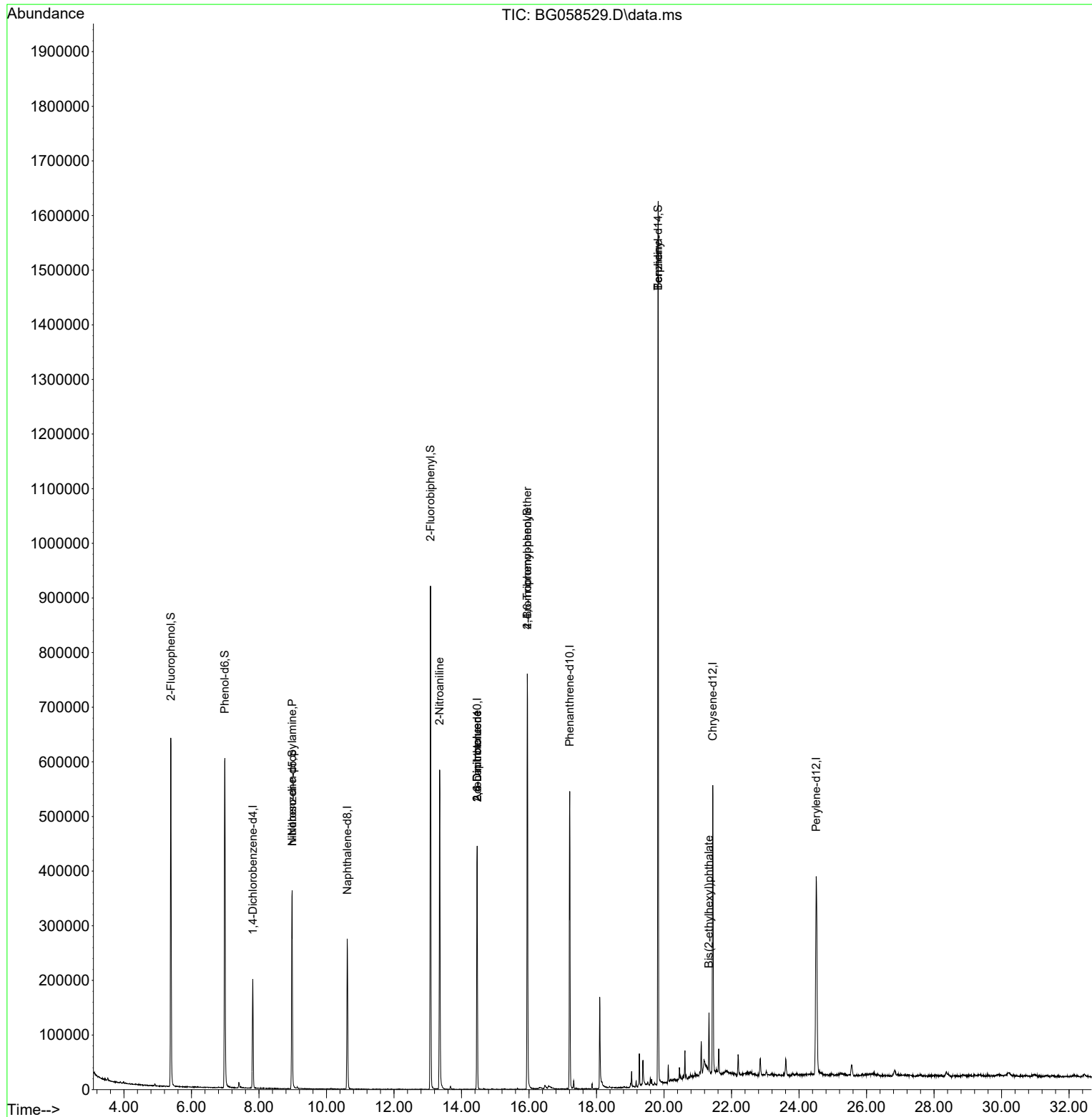
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	56732	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	236432	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	160543	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	362936	20.000	ng	0.00
76) Chrysene-d12	21.442	240	318689	20.000	ng	0.00
86) Perylene-d12	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

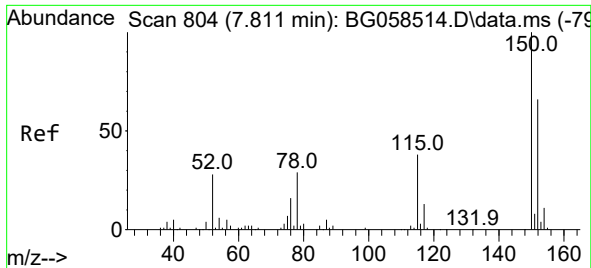
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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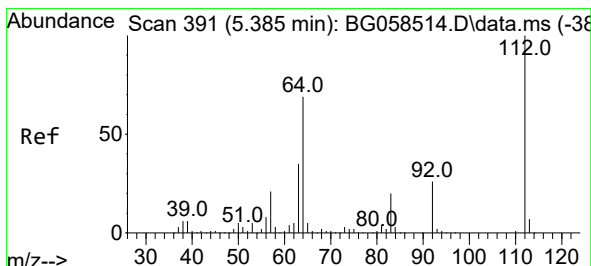
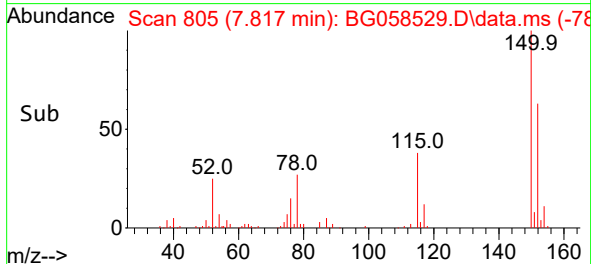
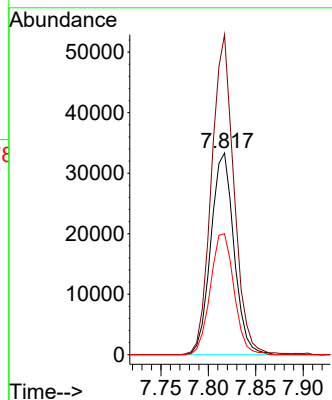
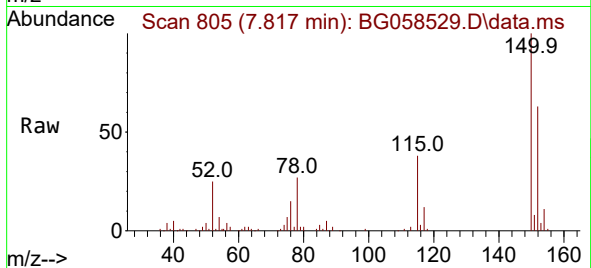




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 804
Delta R.T. 0.006 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

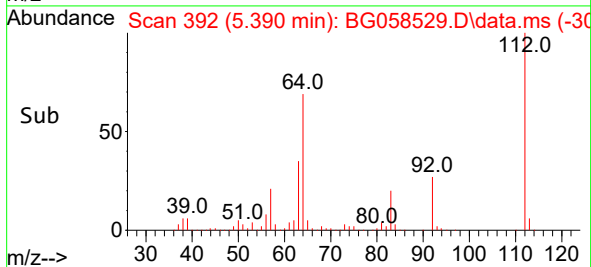
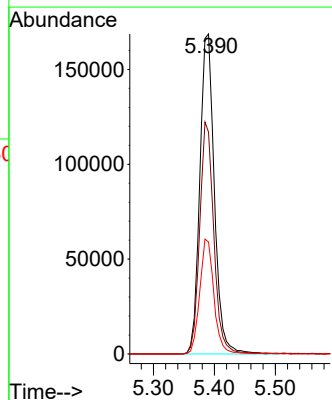
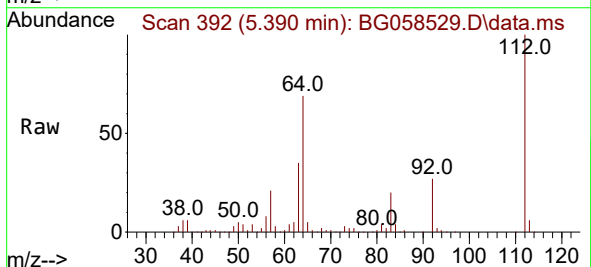
Instrument :
BNA_G
ClientSampleId :
B-P11B

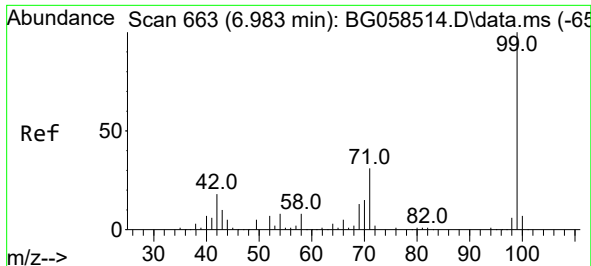
Tgt Ion:152 Resp: 56732
Ion Ratio Lower Upper
152 100
150 158.7 120.5 180.7
115 60.0 45.9 68.9



#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

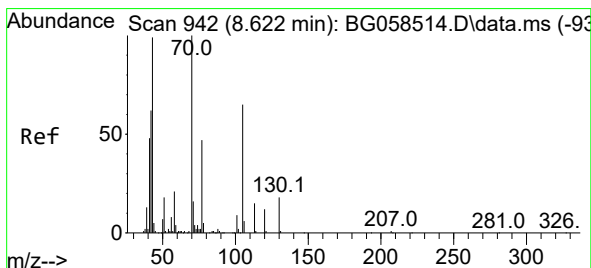
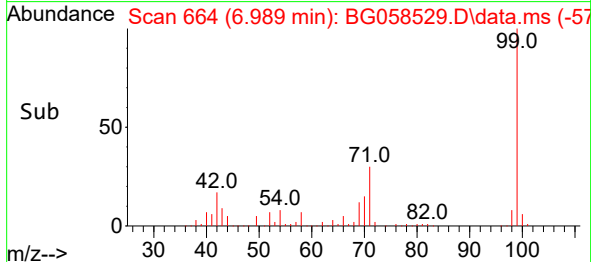
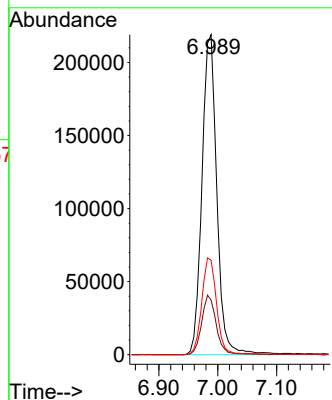
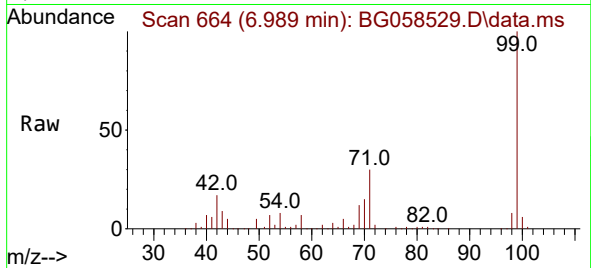




#7
Phenol-d6
Concen: 74.357 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

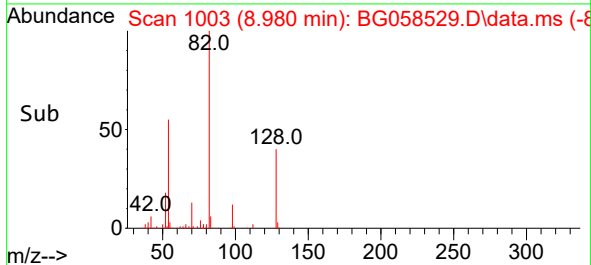
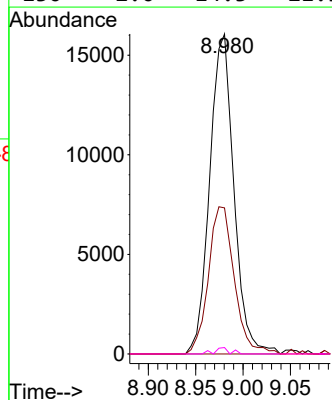
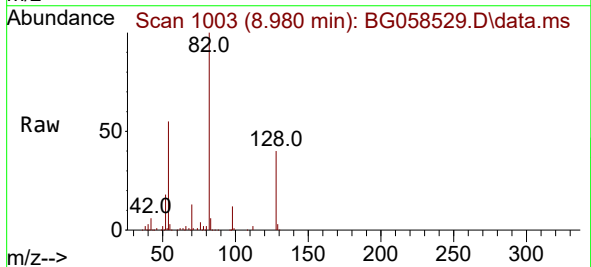
Instrument :
BNA_G
ClientSampleId :
B-P11B

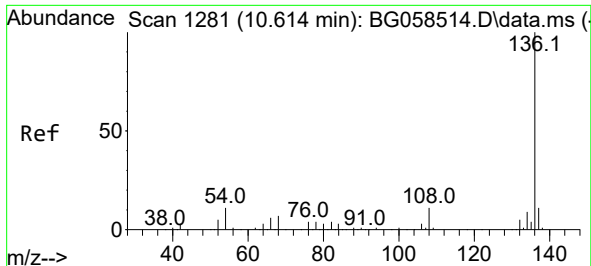
Tgt Ion: 99 Resp: 384038
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 29.5 25.0 37.4



#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#

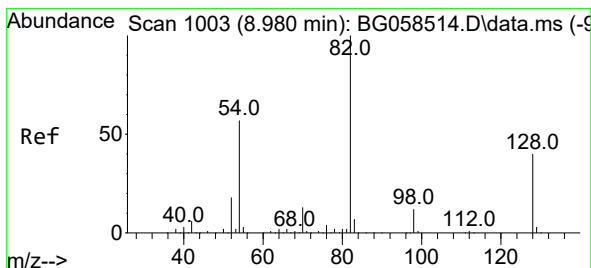
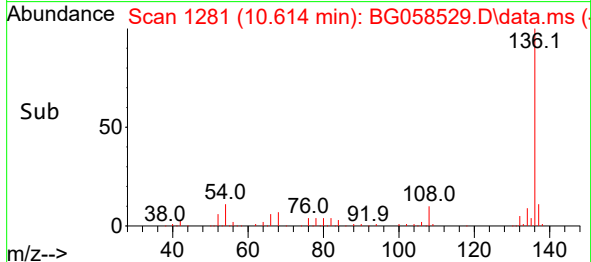
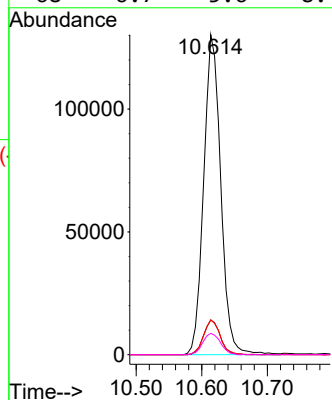
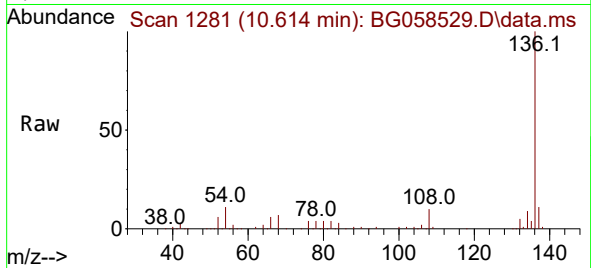




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

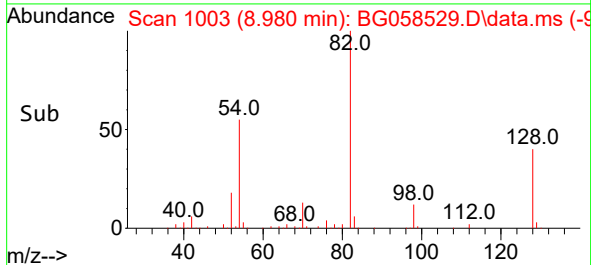
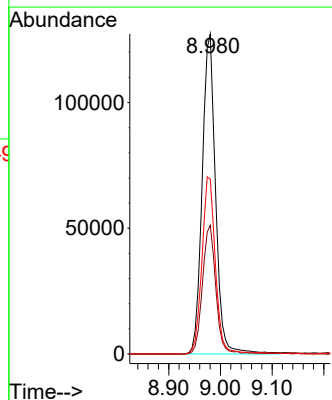
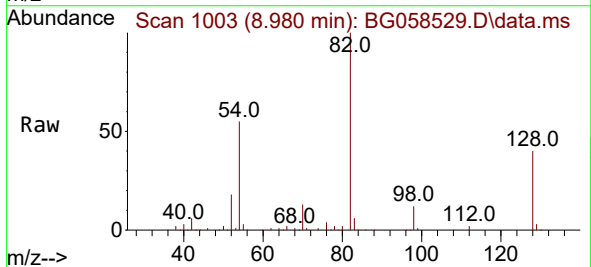
Instrument :
BNA_G
ClientSampleId :
B-P11B

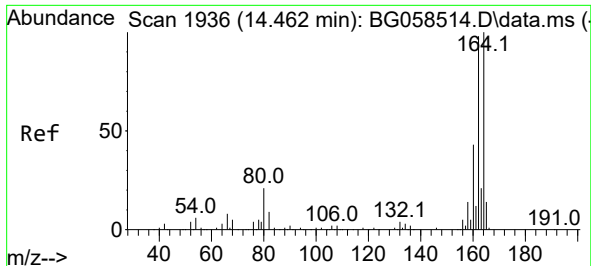
Tgt Ion:	136	Resp:	236432
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.9	8.9	13.3
68	6.7	5.6	8.4



#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

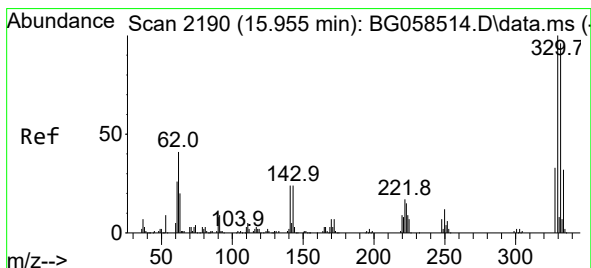
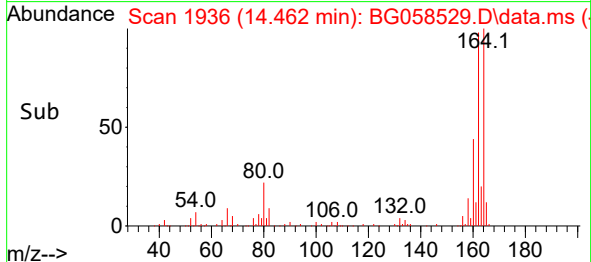
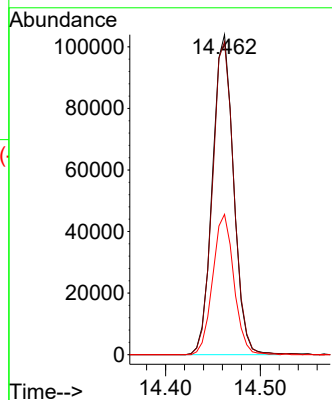
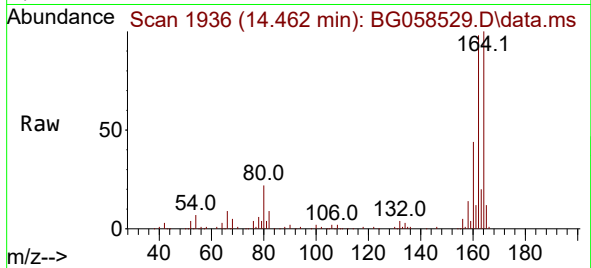




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

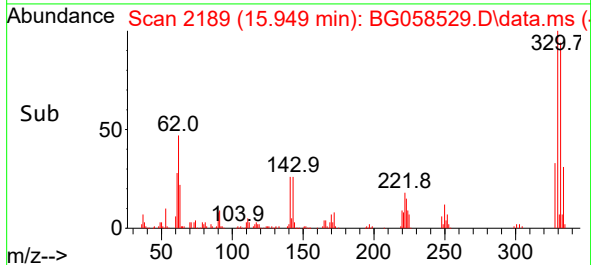
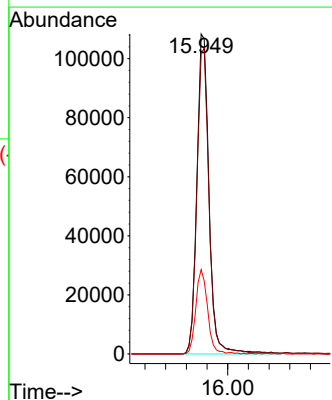
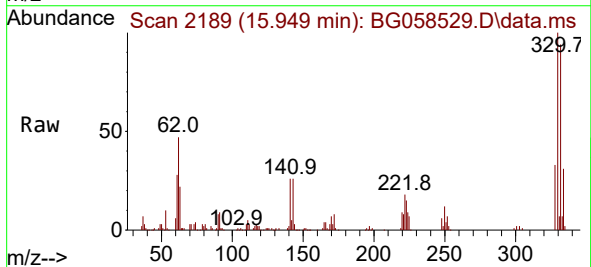
Instrument :
BNA_G
ClientSampleId :
B-P11B

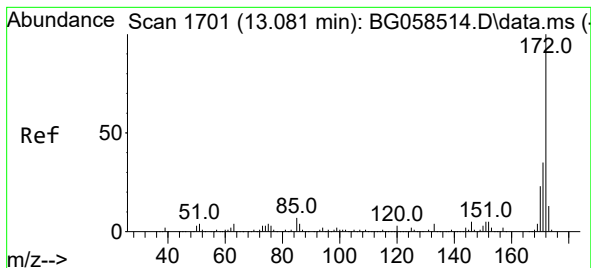
Tgt Ion:164 Resp: 160543
Ion Ratio Lower Upper
164 100
162 97.8 78.3 117.5
160 43.9 34.1 51.1



#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 :

B-P11B

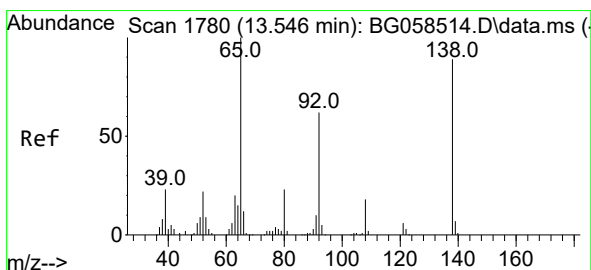
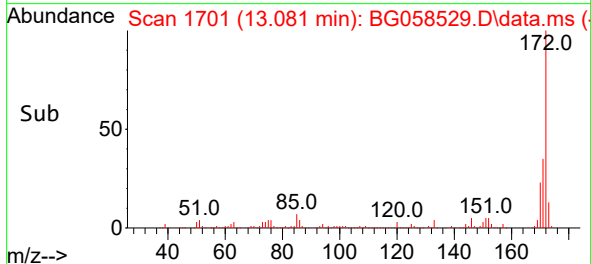
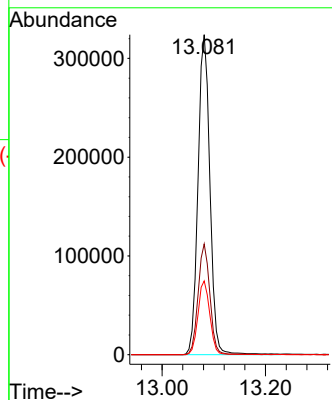
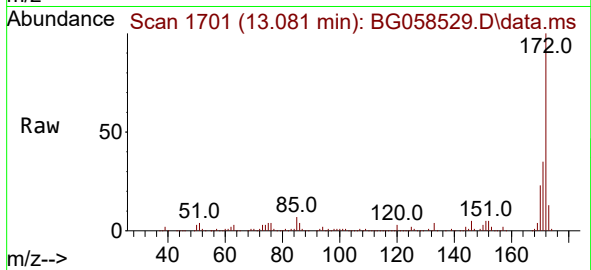
Tgt Ion:172 Resp: 516632

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

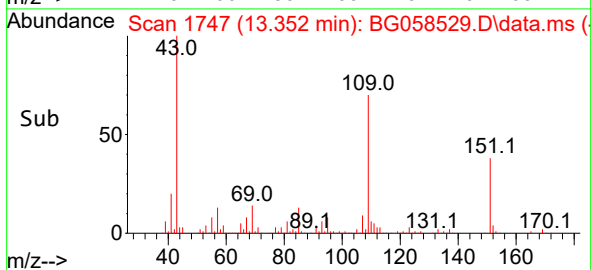
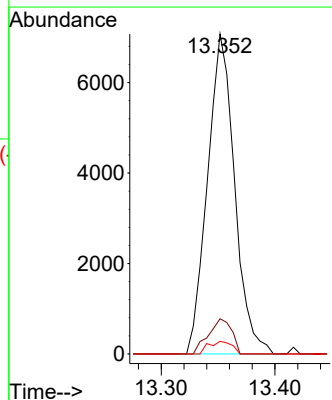
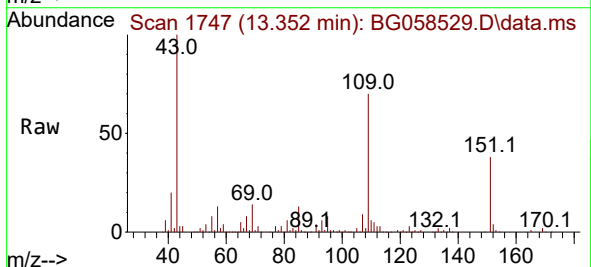
Tgt Ion: 65 Resp: 11726

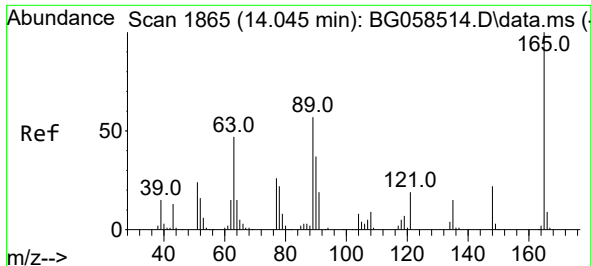
Ion Ratio Lower Upper

65 100

92 11.0 49.2 73.8#

138 4.0 71.5 107.3#

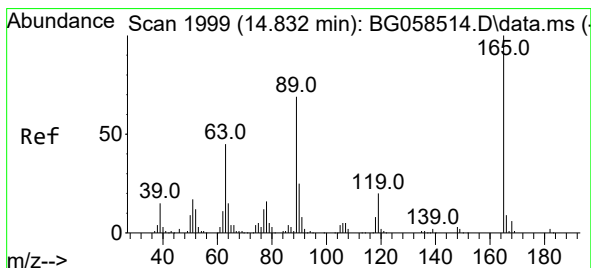
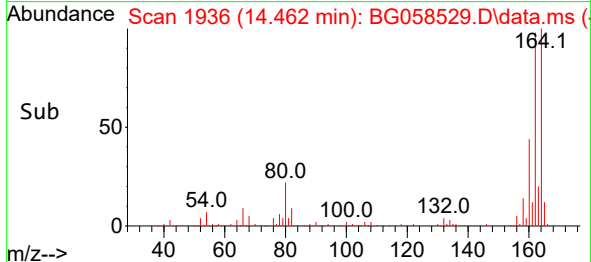
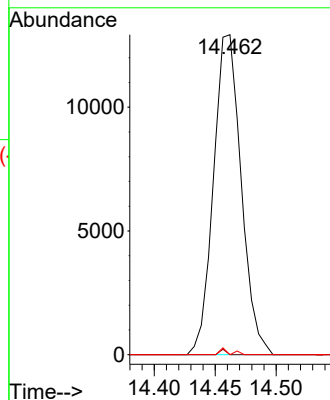
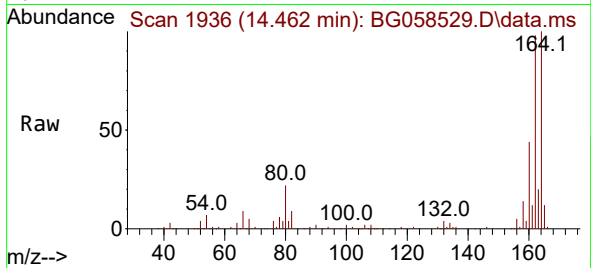




#51
2,6-Dinitrotoluene
Concen: 7.723 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

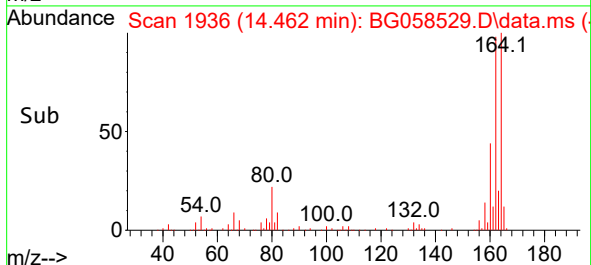
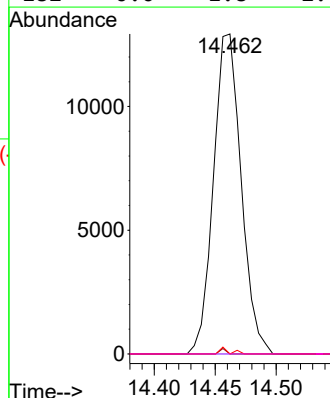
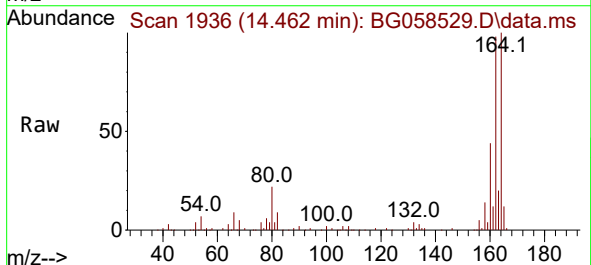
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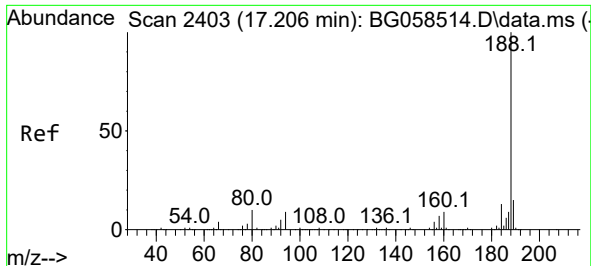
Tgt Ion:165 Resp: 20433
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#



#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#

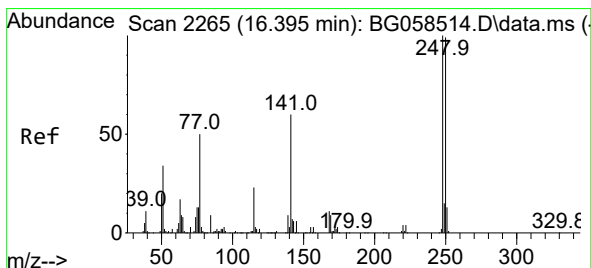
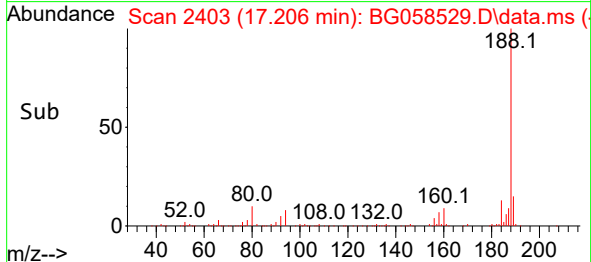
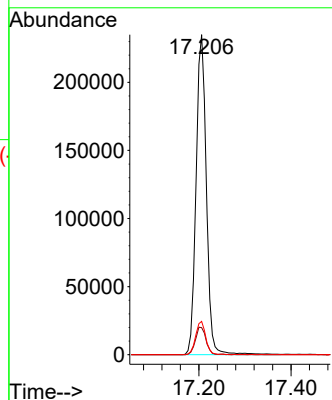
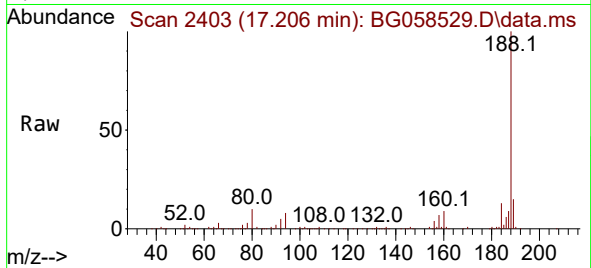




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG058529.D
Acq: 28 Jul 2023 22:27

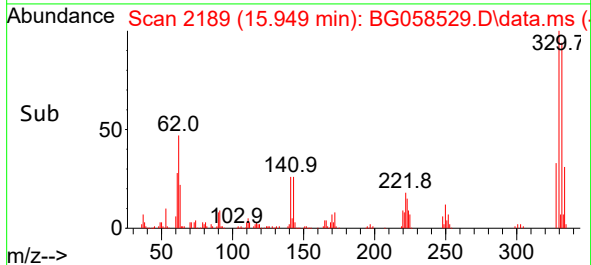
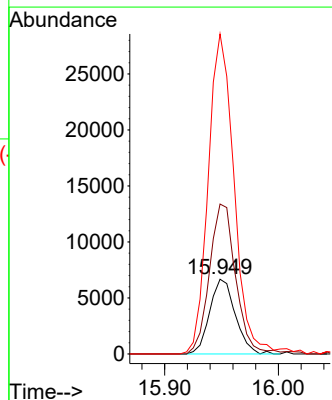
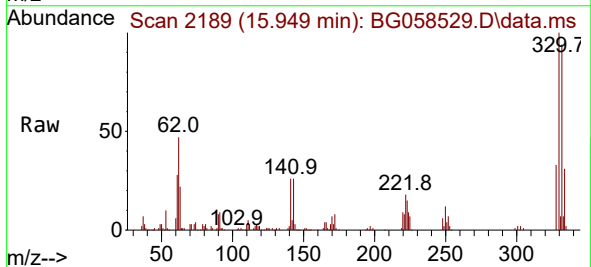
Instrument :
BNA_G
ClientSampleId :
B-P11B

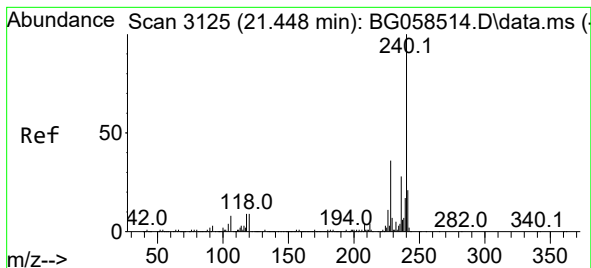
Tgt Ion:188 Resp: 362936
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 10.4 8.1 12.1



#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# 3125

Delta R.T. -0.006 min

Lab File: BG058529.D

Acq: 28 Jul 2023 22:27

Instrument :

BNA_G

ClientSampleId :

B-P11B

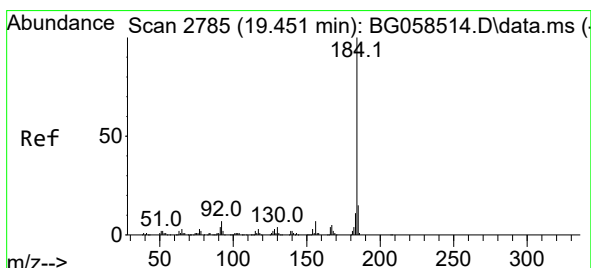
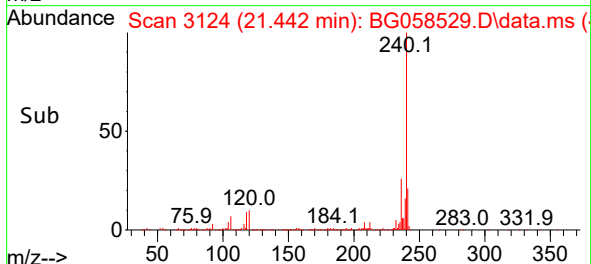
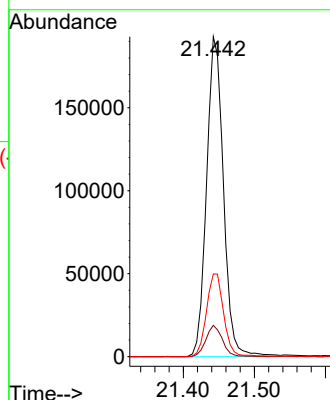
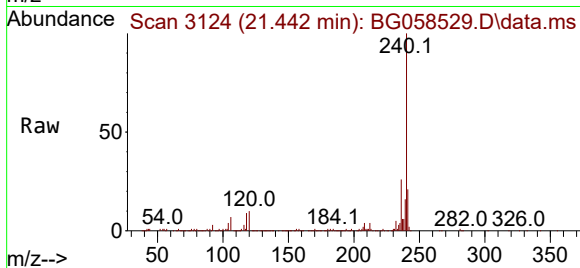
Tgt Ion:240 Resp: 318689

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

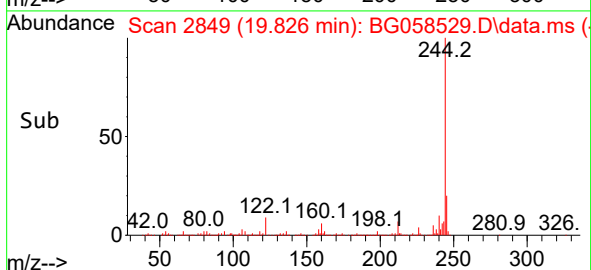
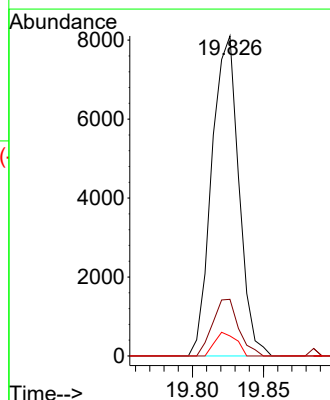
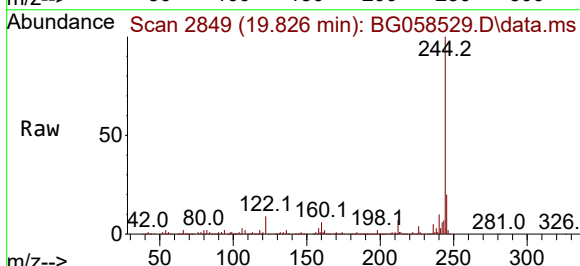
Tgt Ion:184 Resp: 10738

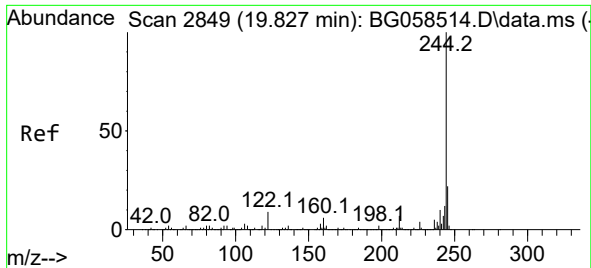
Ion Ratio Lower Upper

184 100

185 17.7 11.9 17.9

183 6.3 8.7 13.1#

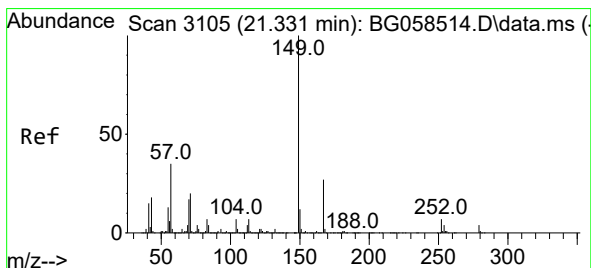
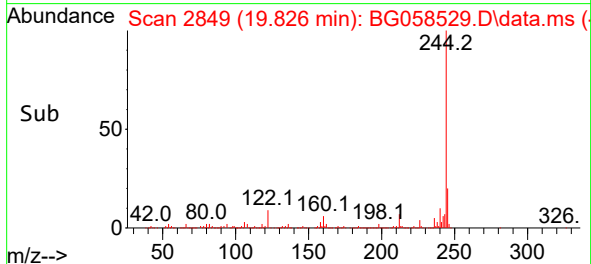
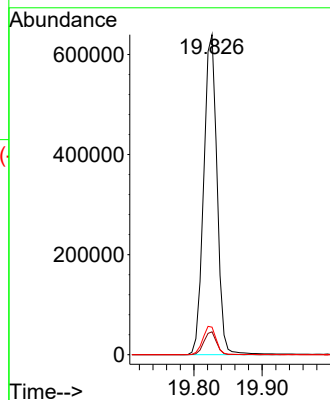
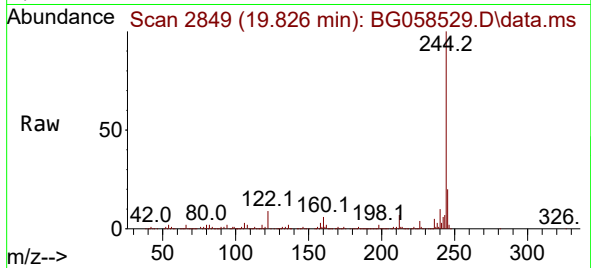




#79
 Terphenyl-d14
 Concen: 51.314 ng
 RT: 19.826 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG058529.D
 Acq: 28 Jul 2023 22:27

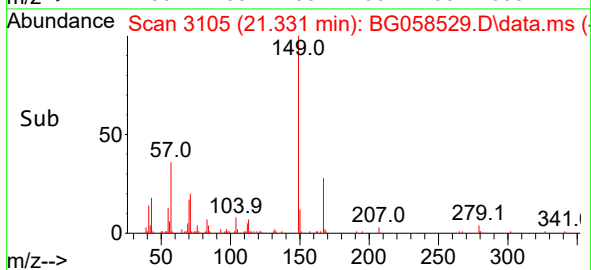
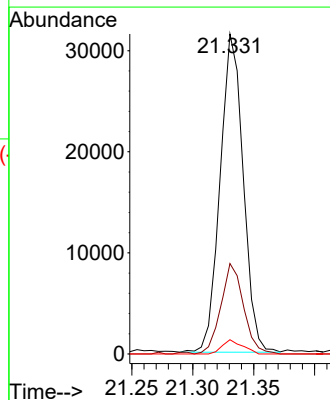
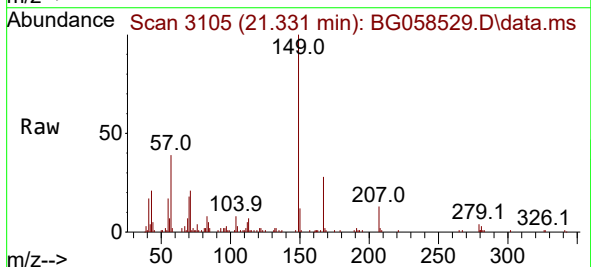
Instrument :
 BNA_G
 ClientSampleId :
 B-P11B

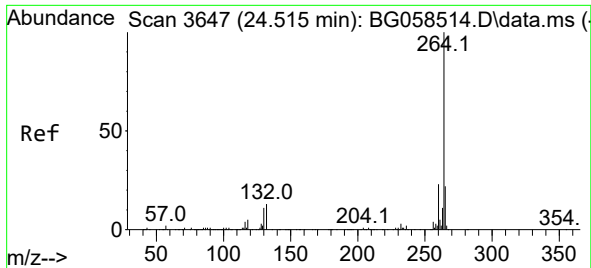
Tgt Ion:244 Resp: 869602
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.6 6.8 10.2



#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 :
 B-P11B

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

