

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057729.D
 Acq On : 15 Jun 2023 18:09
 Operator : CG/JU
 Sample : 03117-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2GA

Quant Time: Jun 16 01:09:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

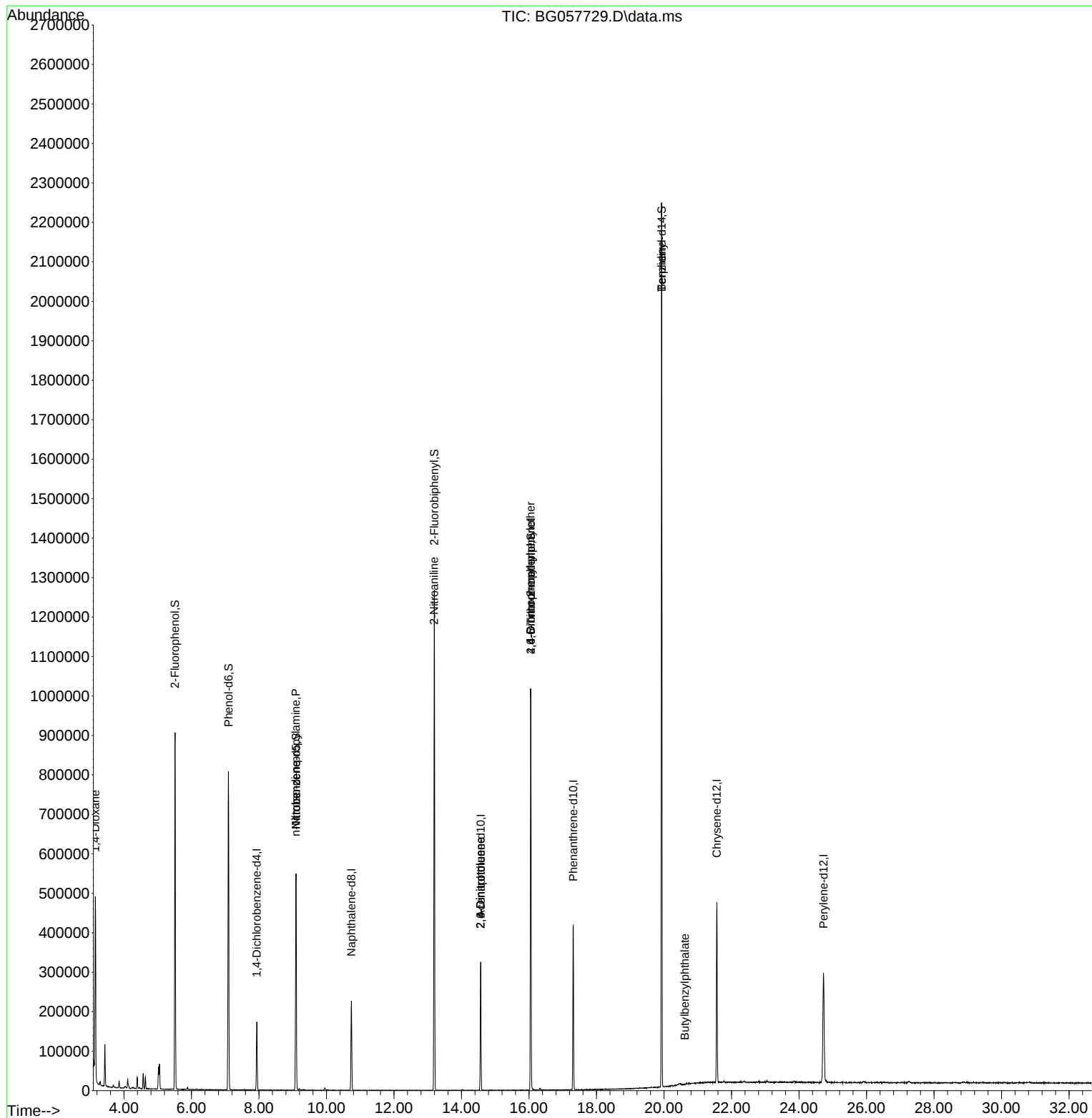
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	45988	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	181401	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	113773	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	272293	20.000	ng	0.00
76) Chrysene-d12	21.567	240	254029	20.000	ng	0.00
86) Perylene-d12	24.728	264	303744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	371906	131.680	ng	0.00
7) Phenol-d6	7.095	99	464226	106.994	ng	0.00
23) Nitrobenzene-d5	9.099	82	317851	104.717	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	204773	161.325	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	661312	86.642	ng	0.00
79) Terphenyl-d14	19.933	244	1170630	85.200	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.153	88	4472	3.110	ng	# 1
19) n-Nitroso-di-n-propyla...	9.093	70	40022	12.757	ng	# 73
24) Nitrobenzene	9.099	77	833	5.305	ng	# 47
48) 2-Nitroaniline	13.188	65	1391	5.201	ng	# 12
51) 2,6-Dinitrotoluene	14.563	165	14499	17.451	ng	# 13
57) 2,4-Dinitrotoluene	14.563	165	14499	14.495	ng	# 17
65) 4,6-Dinitro-2-methylph...	16.055	198	519	2.845	ng	# 19
67) 4-Bromophenyl-phenylether	16.050	248	13784	4.972	ng	# 1
77) Benzidine	19.933	184	16989	2.805	ng	# 95
80) Butylbenzylphthalate	20.615	149	61	4.115	ng	# 21

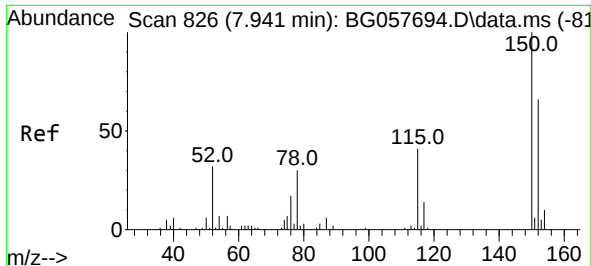
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
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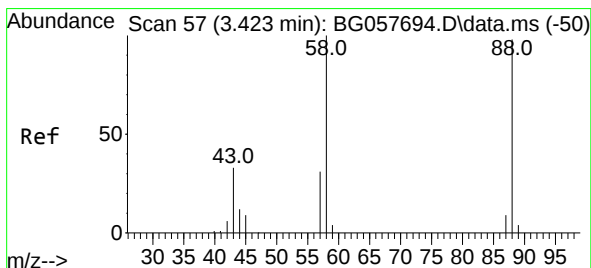
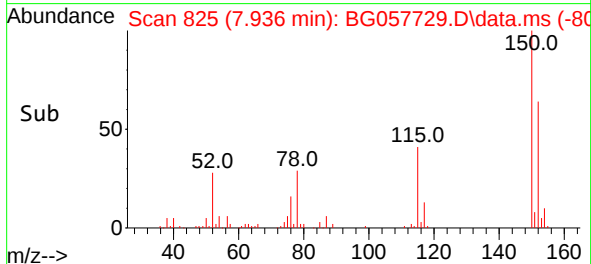
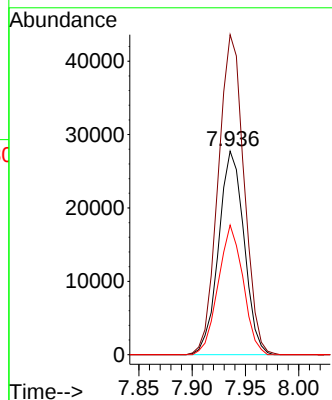
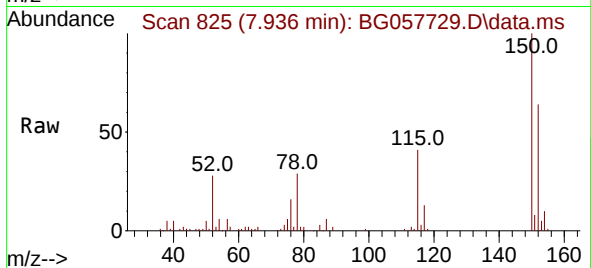




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

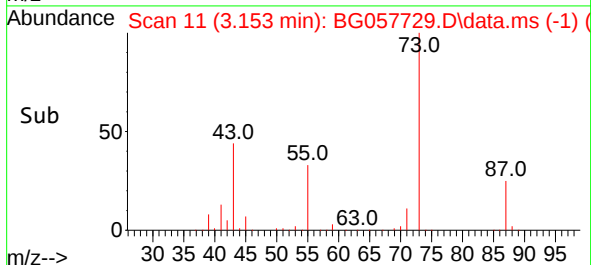
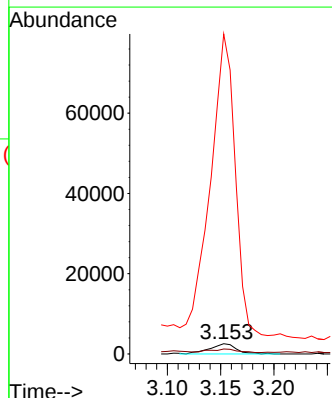
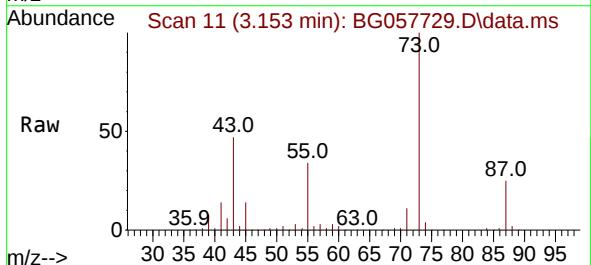
Instrument :
BNA_G
ClientSampleId :
TP-2GA

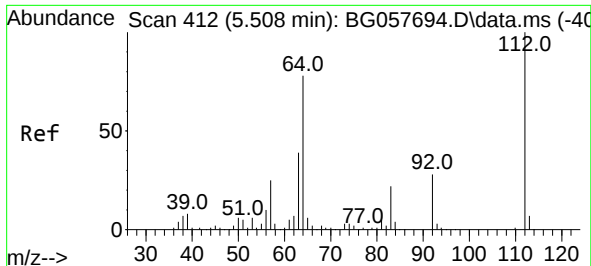
Tgt Ion:152 Resp: 45988
Ion Ratio Lower Upper
152 100
150 157.3 120.8 181.2
115 63.7 49.4 74.2



#2
1,4-Dioxane
Concen: 3.110 ng
RT: 3.153 min Scan# 11
Delta R.T. -0.271 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

Tgt Ion: 88 Resp: 4472
Ion Ratio Lower Upper
88 100
58 32.5 83.0 124.6#
43 2713.1 26.2 39.4#

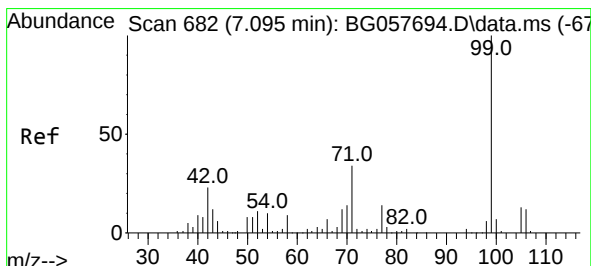
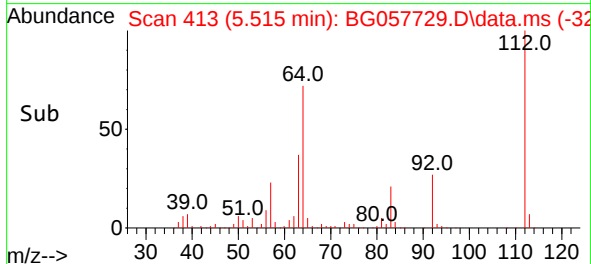
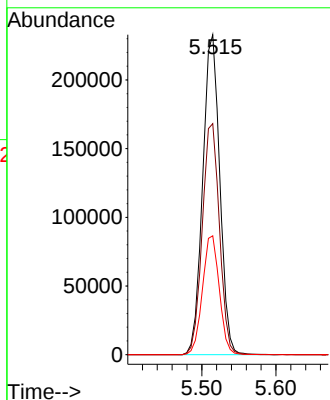
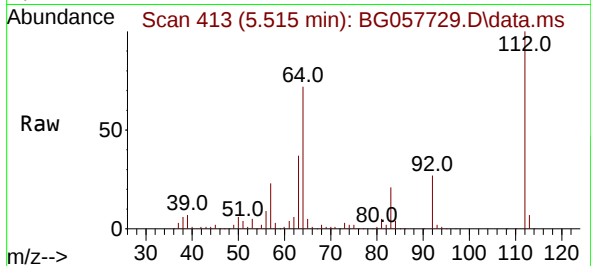




#5
2-Fluorophenol
Concen: 131.680 ng
RT: 5.515 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

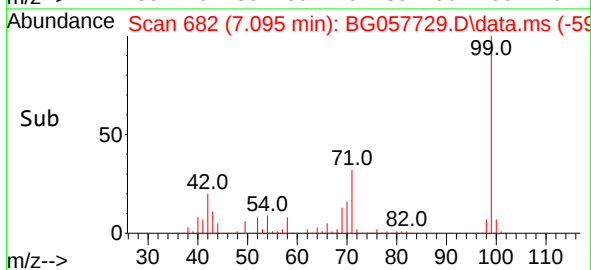
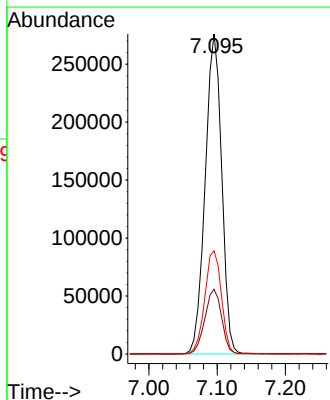
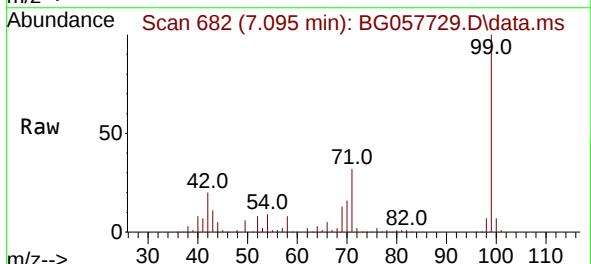
Instrument :
BNA_G
ClientSampleId :
TP-2GA

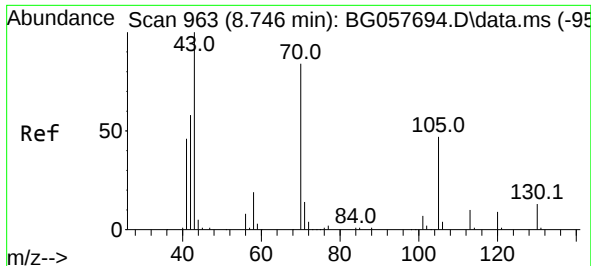
Tgt Ion:112 Resp: 371906
Ion Ratio Lower Upper
112 100
64 72.2 62.3 93.5
63 37.2 31.5 47.3



#7
Phenol-d6
Concen: 106.994 ng
RT: 7.095 min Scan# 682
Delta R.T. -0.001 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

Tgt Ion: 99 Resp: 464226
Ion Ratio Lower Upper
99 100
42 20.2 18.3 27.5
71 32.3 27.5 41.3

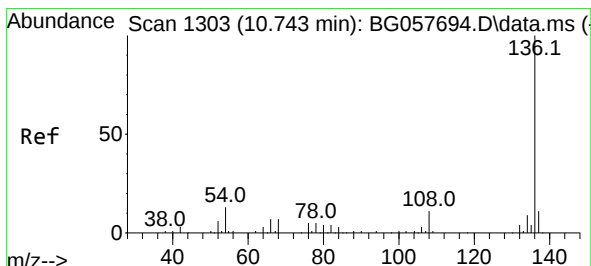
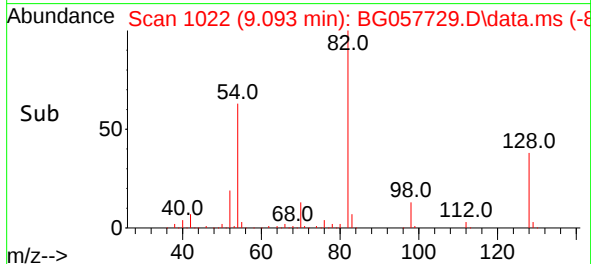
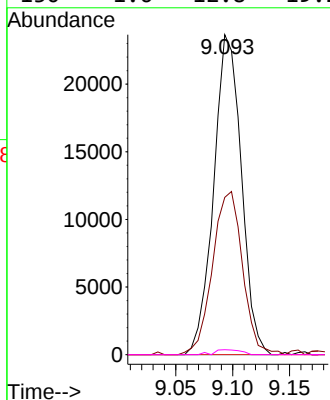
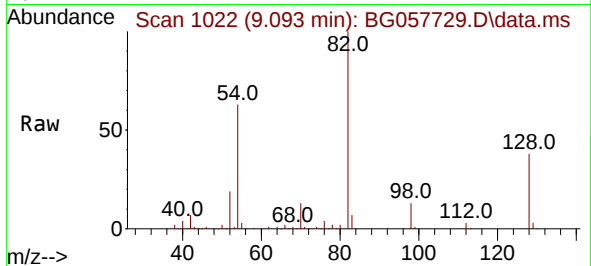




#19
n-Nitroso-di-n-propylamine
Concen: 12.757 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.346 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

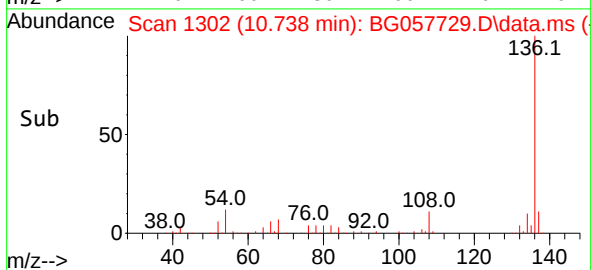
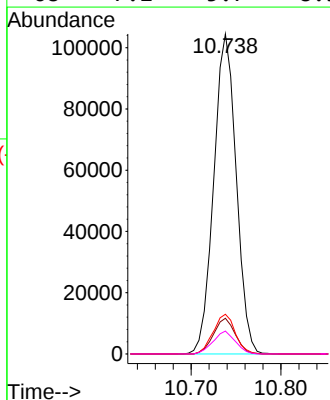
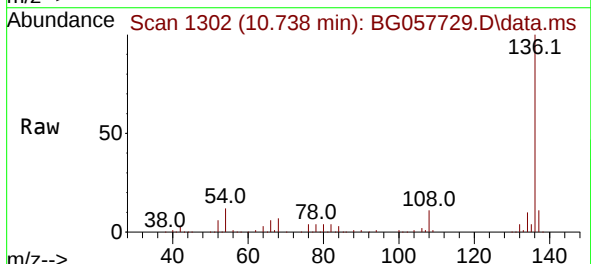
Instrument :
BNA_G
ClientSampleId :
TP-2GA

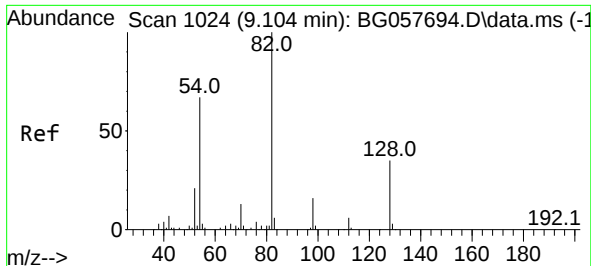
Tgt Ion: 70 Resp: 40022
Ion Ratio Lower Upper
70 100
42 49.1 56.6 84.8#
101 0.0 6.2 9.4#
130 1.6 12.8 19.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

Tgt Ion:136 Resp: 181401
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 12.4 10.8 16.2
68 7.2 5.7 8.5

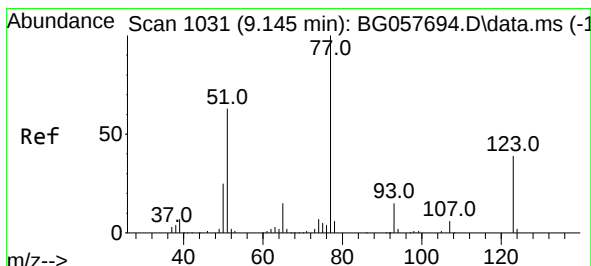
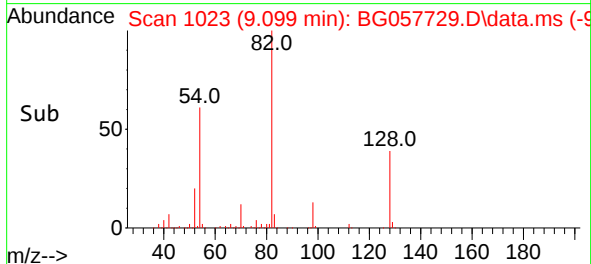
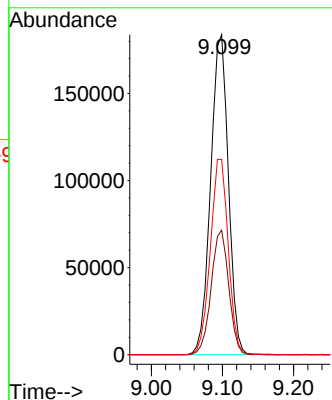
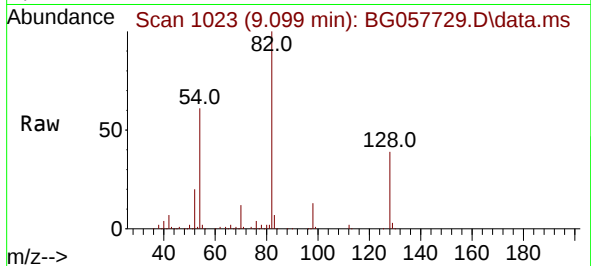




#23
Nitrobenzene-d5
Concen: 104.717 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.001 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

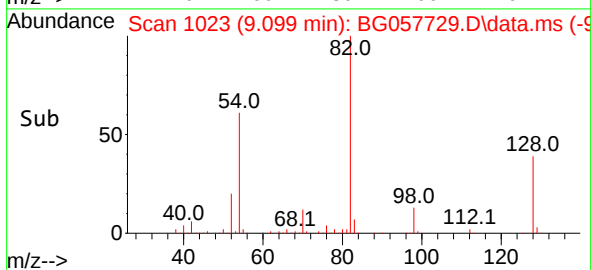
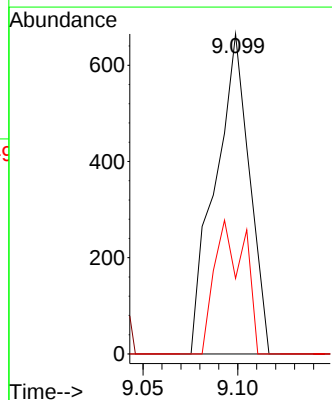
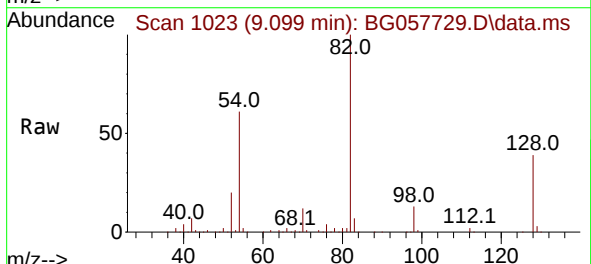
Instrument :
BNA_G
ClientSampleId :
TP-2GA

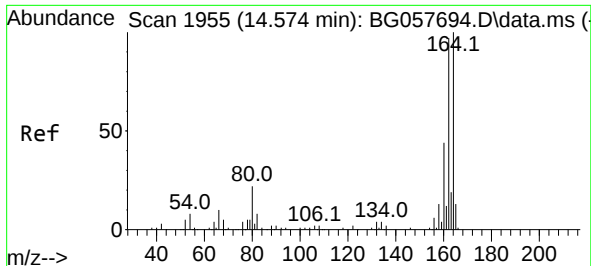
Tgt Ion: 82 Resp: 317851
Ion Ratio Lower Upper
82 100
128 38.9 27.7 41.5
54 61.0 53.8 80.8



#24
Nitrobenzene
Concen: 5.305 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.048 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

Tgt Ion: 77 Resp: 833
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 23.6 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1954

Delta R.T. -0.007 min

Lab File: BG057729.D

Acq: 15 Jun 2023 18:09

Instrument :

BNA_G

ClientSampleId :

TP-2GA

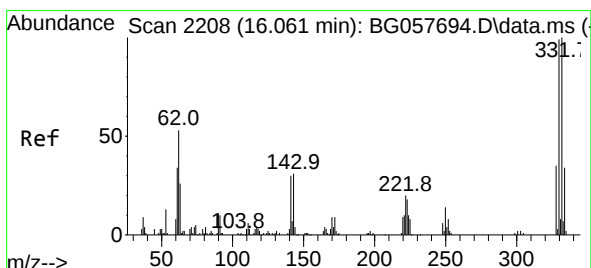
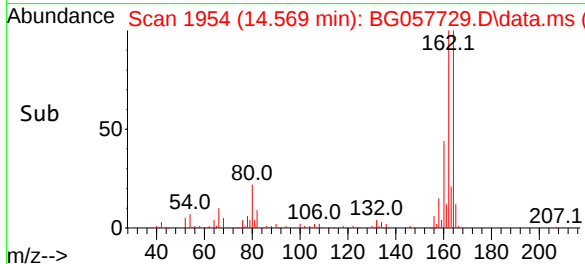
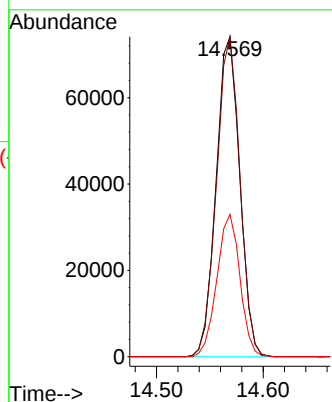
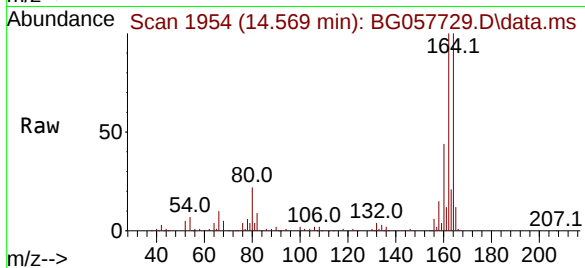
Tgt Ion:164 Resp: 113773

Ion Ratio Lower Upper

164 100

162 100.0 77.7 116.5

160 44.5 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 161.325 ng

RT: 16.055 min Scan# 2207

Delta R.T. -0.007 min

Lab File: BG057729.D

Acq: 15 Jun 2023 18:09

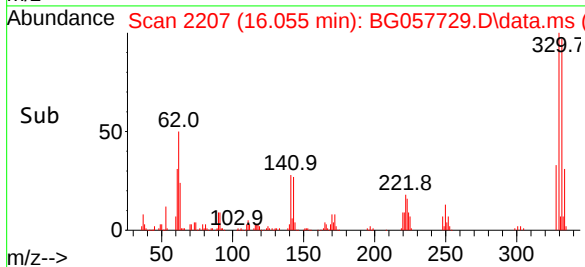
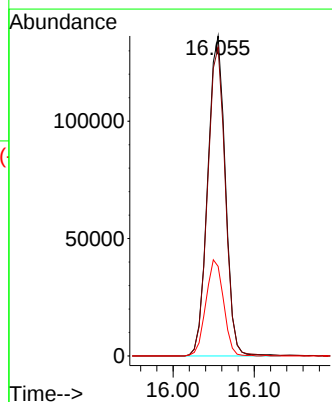
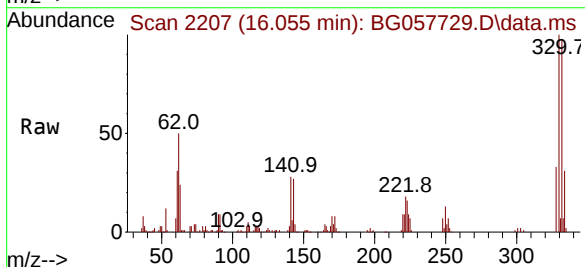
Tgt Ion:330 Resp: 204773

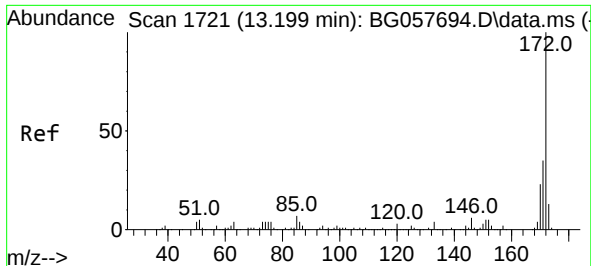
Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.6

141 30.2 25.0 37.6

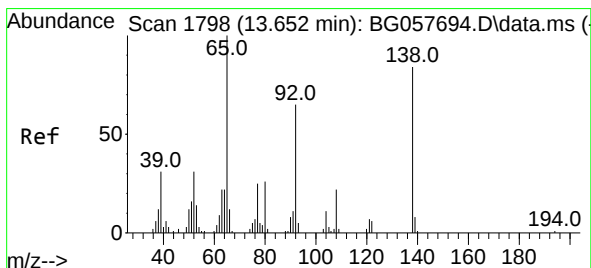
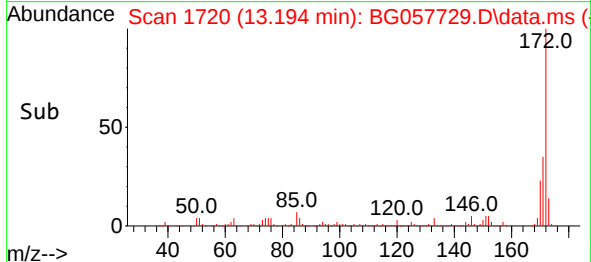
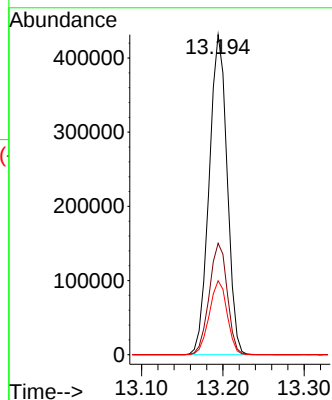
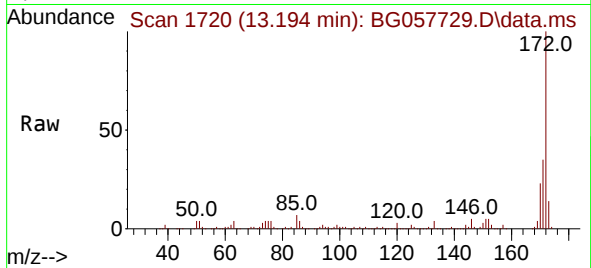




#45
2-Fluorobiphenyl
Concen: 86.642 ng
RT: 13.194 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

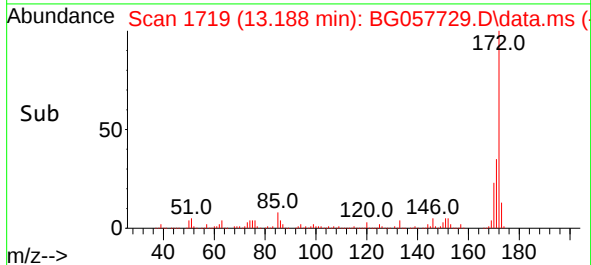
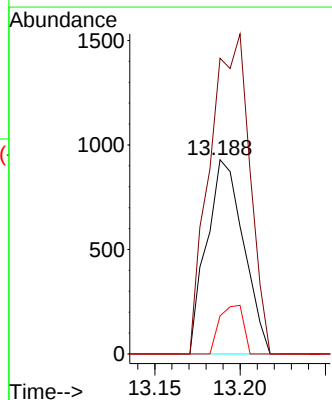
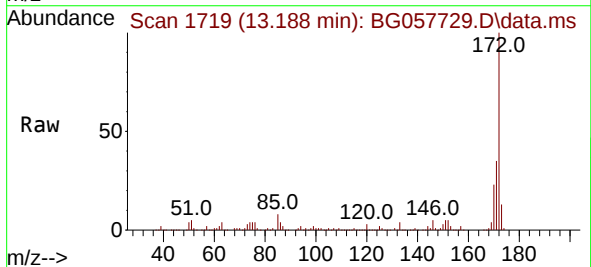
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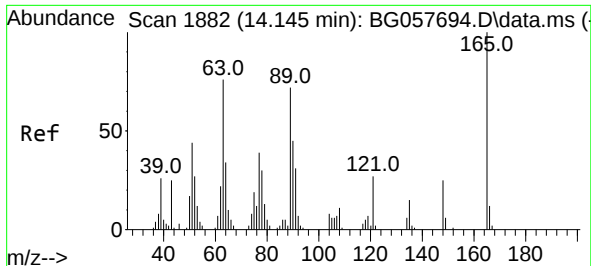
Tgt Ion:172 Resp: 661312
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.1 18.2 27.4



#48
2-Nitroaniline
Concen: 5.201 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.465 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

Tgt Ion: 65 Resp: 1391
Ion Ratio Lower Upper
65 100
92 152.3 52.2 78.4#
138 19.6 67.0 100.4#





#51

2,6-Dinitrotoluene

Concen: 17.451 ng

RT: 14.563 min Scan# 1953

Delta R.T. 0.416 min

Lab File: BG057729.D

Acq: 15 Jun 2023 18:09

Instrument :

BNA_G

ClientSampleId :

TP-2GA

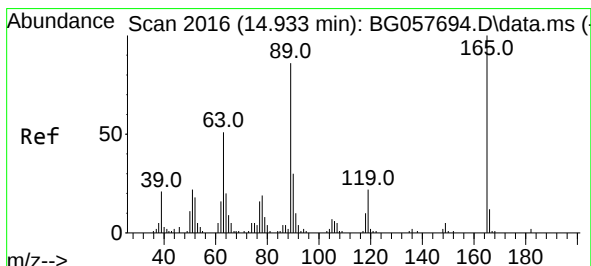
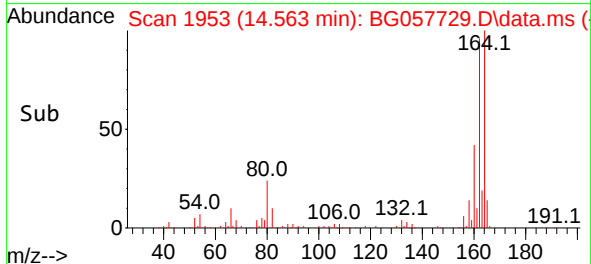
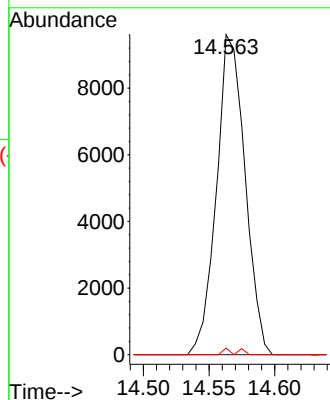
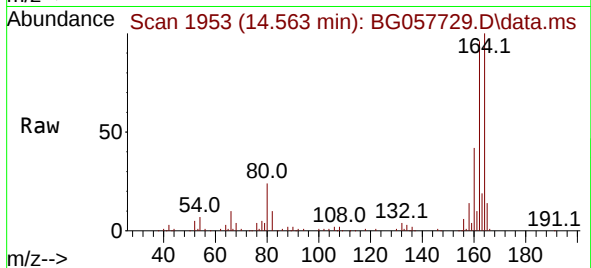
Tgt Ion:165 Resp: 14499

Ion Ratio Lower Upper

165 100

63 0.0 62.3 93.5#

89 2.0 57.4 86.0#



#57

2,4-Dinitrotoluene

Concen: 14.495 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.371 min

Lab File: BG057729.D

Acq: 15 Jun 2023 18:09

Tgt Ion:165 Resp: 14499

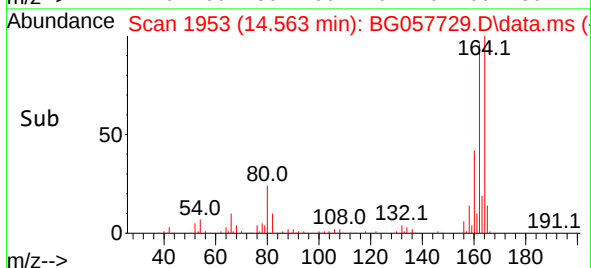
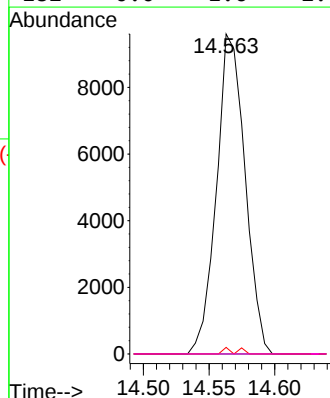
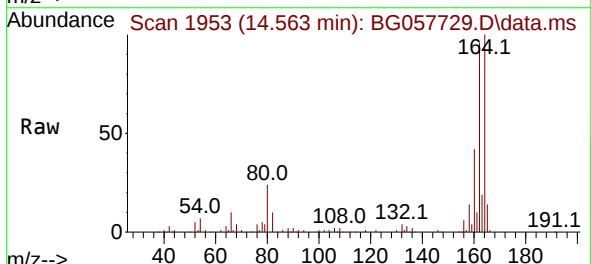
Ion Ratio Lower Upper

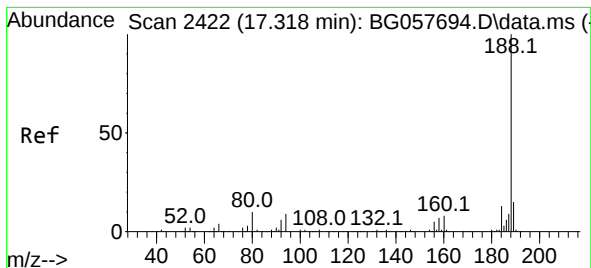
165 100

63 0.0 40.8 61.2#

89 2.0 68.5 102.7#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG057729.D

Acq: 15 Jun 2023 18:09

Instrument :

BNA_G

ClientSampleId :

TP-2GA

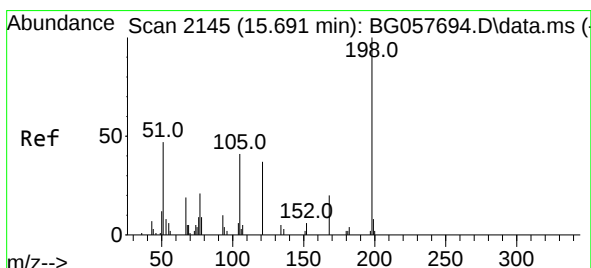
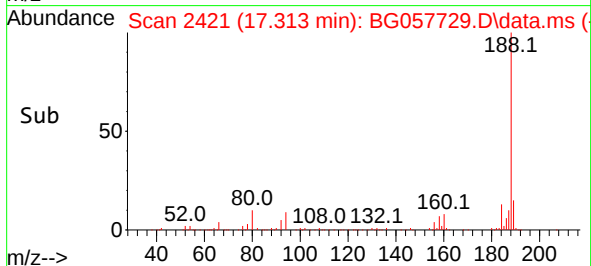
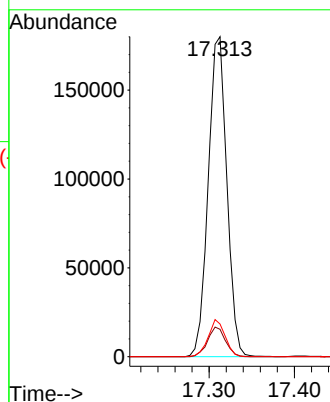
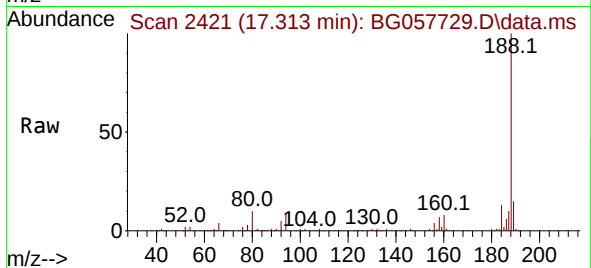
Tgt Ion:188 Resp: 272293

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

80 10.2 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.845 ng

RT: 16.055 min Scan# 2207

Delta R.T. 0.364 min

Lab File: BG057729.D

Acq: 15 Jun 2023 18:09

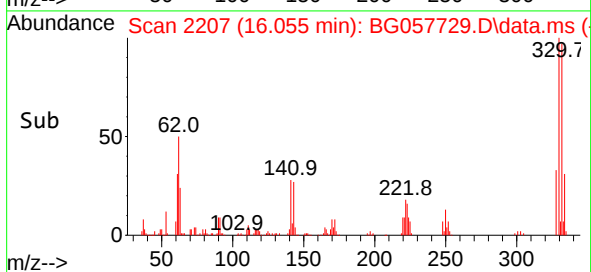
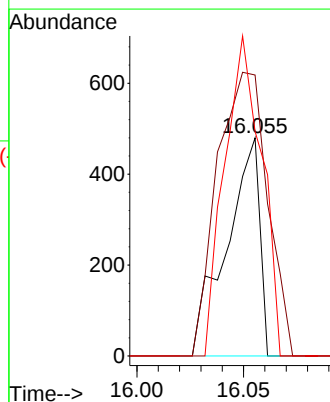
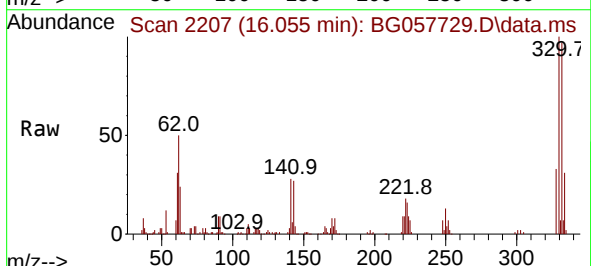
Tgt Ion:198 Resp: 519

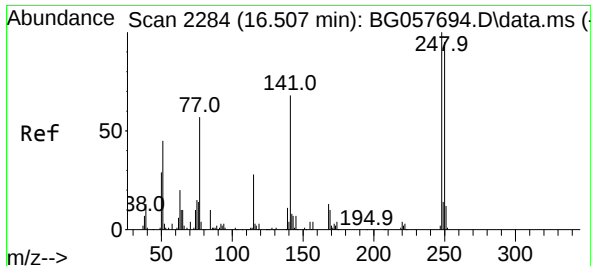
Ion Ratio Lower Upper

198 100

51 128.8 42.0 82.0#

105 102.9 30.9 70.9#

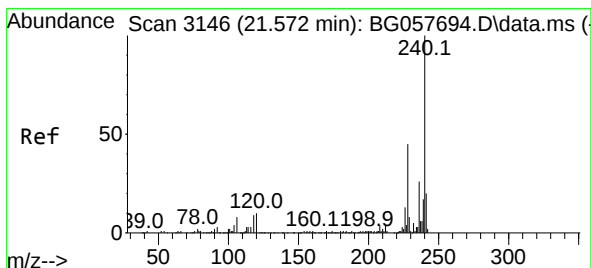
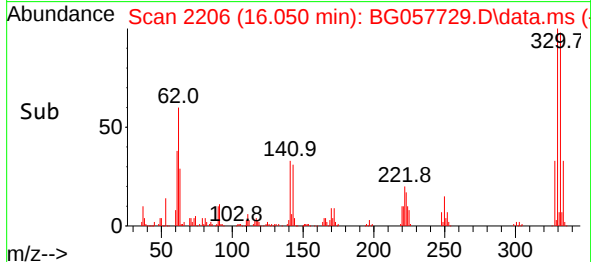
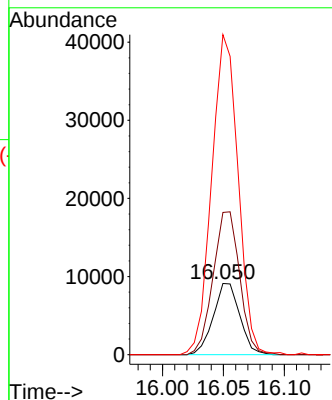
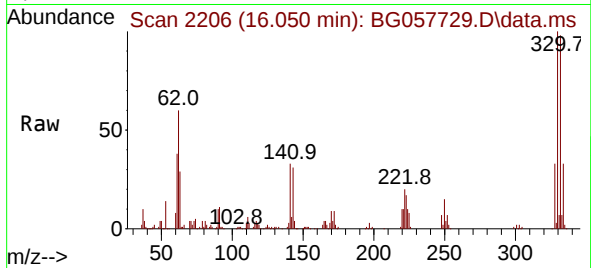




#67
4-Bromophenyl-phenylether
Concen: 4.972 ng
RT: 16.050 min Scan# 21
Delta R.T. -0.459 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

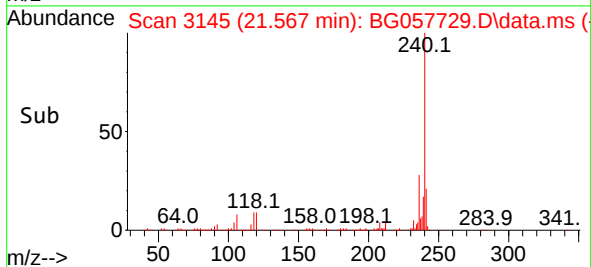
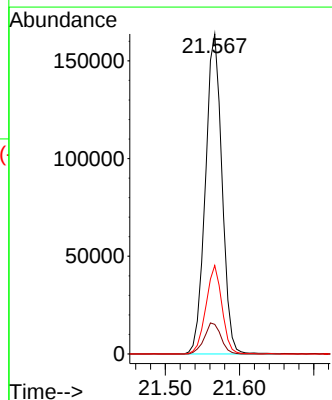
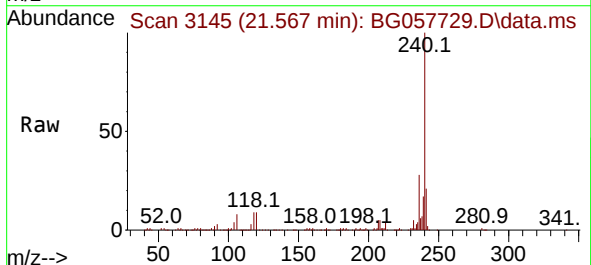
Instrument :
BNA_G
ClientSampleId :
TP-2GA

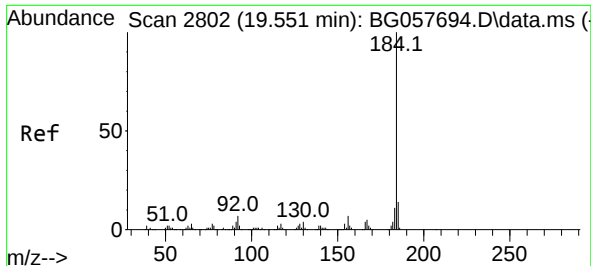
Tgt Ion:248 Resp: 13784
Ion Ratio Lower Upper
248 100
250 199.8 76.3 114.5#
141 449.2 54.6 82.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

Tgt Ion:240 Resp: 254029
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 27.6 20.7 31.1

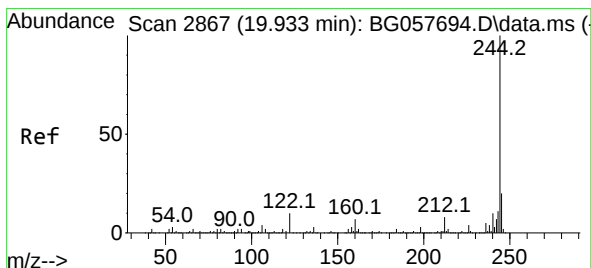
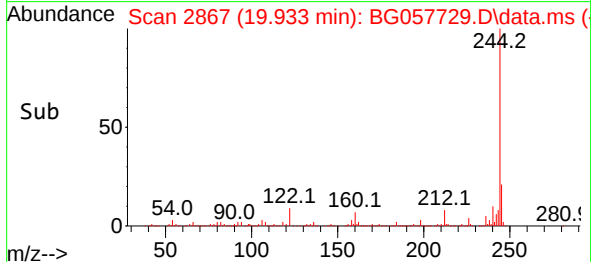
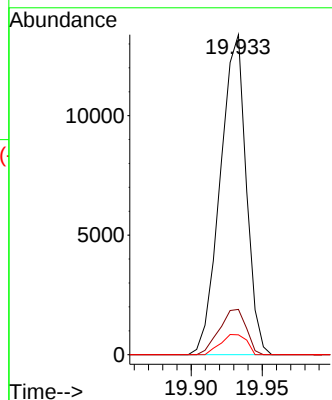
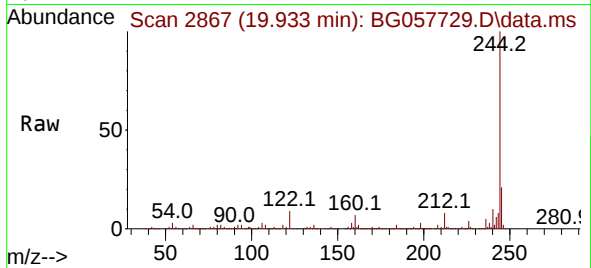




#77
Benzidine
Concen: 2.805 ng
RT: 19.933 min Scan# 21
Delta R.T. 0.381 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

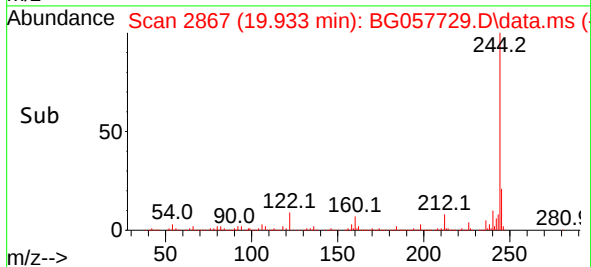
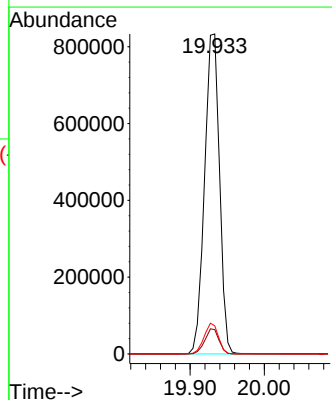
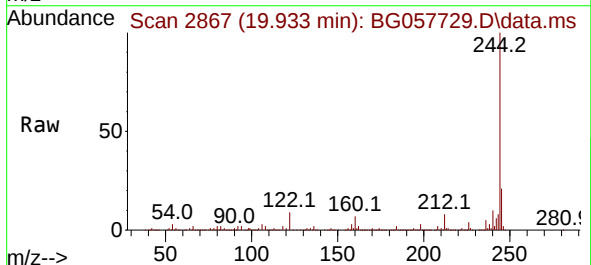
Instrument :
BNA_G
ClientSampleId :
TP-2GA

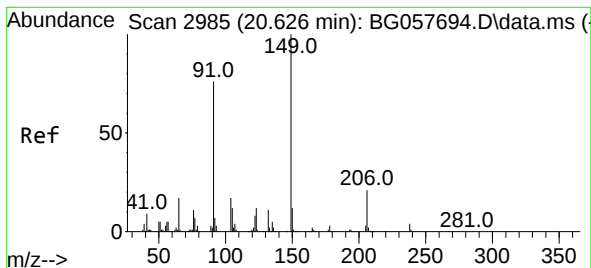
Tgt Ion:184 Resp: 16989
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 6.2 8.4 12.6#



#79
Terphenyl-d14
Concen: 85.200 ng
RT: 19.933 min Scan# 2867
Delta R.T. -0.001 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

Tgt Ion:244 Resp: 1170630
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 8.8 7.7 11.5





#80

Butylbenzylphthalate

Concen: 4.115 ng

RT: 20.615 min Scan# 2983

Delta R.T. -0.013 min

Lab File: BG057729.D

Acq: 15 Jun 2023 18:09

Instrument :

BNA_G

ClientSampleId :

TP-2GA

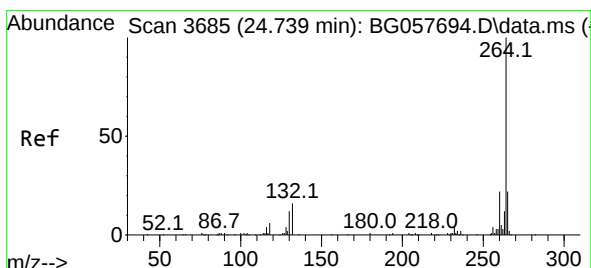
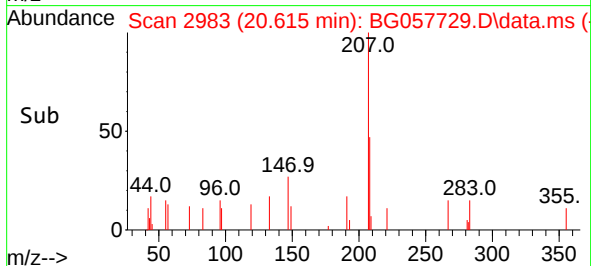
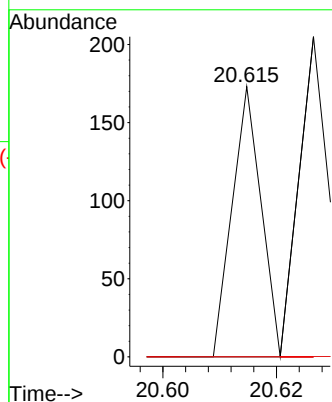
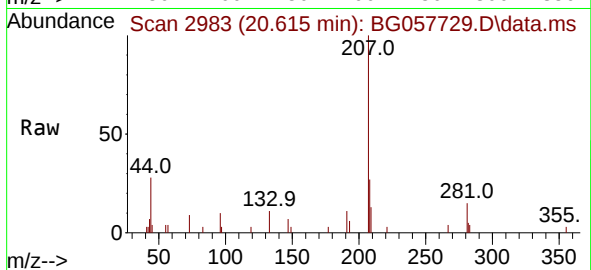
Tgt Ion:149 Resp: 61

Ion Ratio Lower Upper

149 100

91 0.0 60.8 91.2#

206 0.0 16.8 25.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.728 min Scan# 3683

Delta R.T. -0.007 min

Lab File: BG057729.D

Acq: 15 Jun 2023 18:09

Tgt Ion:264 Resp: 303744

Ion Ratio Lower Upper

264 100

260 23.0 17.3 25.9

265 21.8 17.5 26.3

