

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057731.D
 Acq On : 15 Jun 2023 19:34
 Operator : CG/JU
 Sample : 03214-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HYATT-PIPE-TP

Quant Time: Jun 16 01:10:19 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)

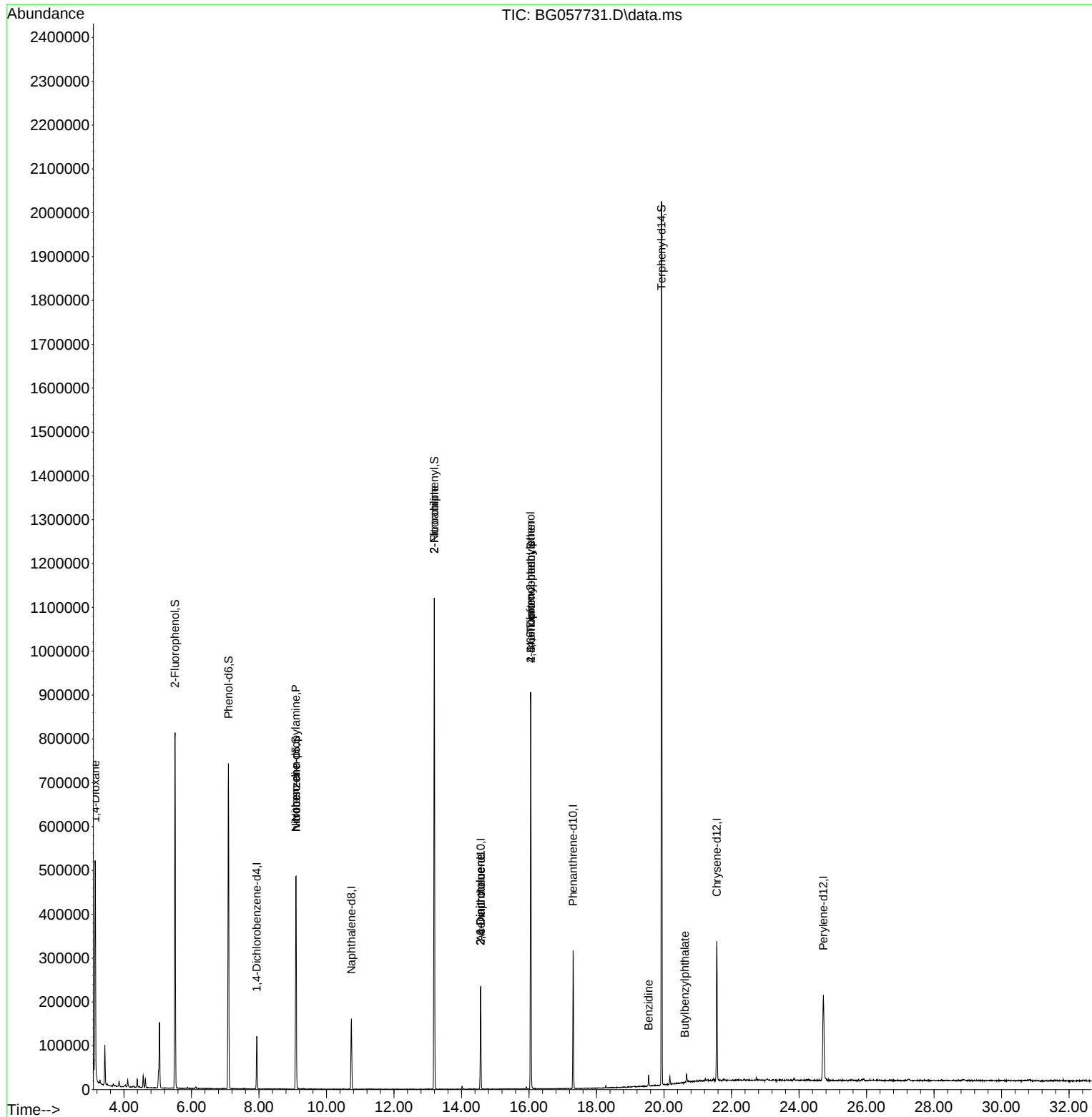
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	32337	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	131118	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	83059	20.000	ng	0.00
64) Phenanthrene-d10	17.307	188	196748	20.000	ng	-0.01
76) Chrysene-d12	21.567	240	181733	20.000	ng	0.00
86) Perylene-d12	24.722	264	210523	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	338830	170.614	ng	0.00
7) Phenol-d6	7.095	99	425005	139.305	ng	0.00
23) Nitrobenzene-d5	9.093	82	285291	126.524	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	178042	192.134	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	599961	107.671	ng	0.00
79) Terphenyl-d14	19.927	244	1026458	104.427	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.153	88	5358	5.299	ng	# 1
19) n-Nitroso-di-n-propyla...	9.093	70	36631	16.605	ng	# 77
24) Nitrobenzene	9.099	77	816	5.386	ng	# 38
48) 2-Nitroaniline	13.194	65	1173	5.376	ng	# 1
51) 2,6-Dinitrotoluene	14.563	165	10593	17.460	ng	# 12
57) 2,4-Dinitrotoluene	14.563	165	10593	14.502	ng	# 15
65) 4,6-Dinitro-2-methylph...	16.050	198	350	2.744	ng	# 3
67) 4-Bromophenyl-phenylether	16.055	248	11821	5.901	ng	# 1
77) Benzidine	19.546	184	17801	4.109	ng	99
80) Butylbenzylphthalate	20.621	149	87	4.123	ng	# 21

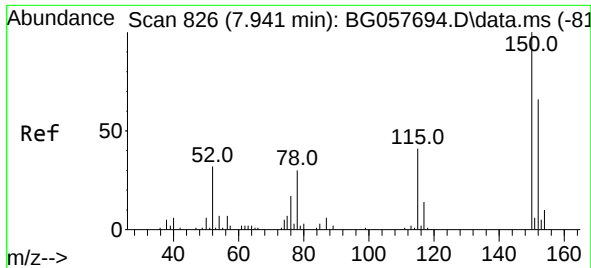
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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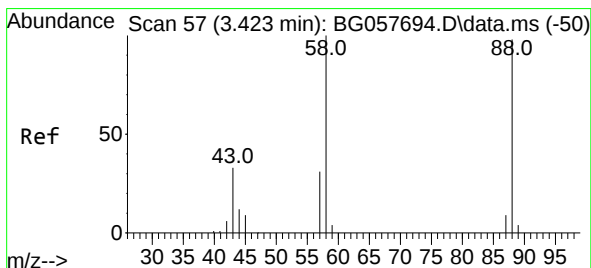
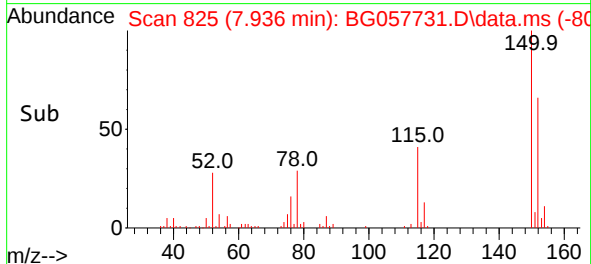
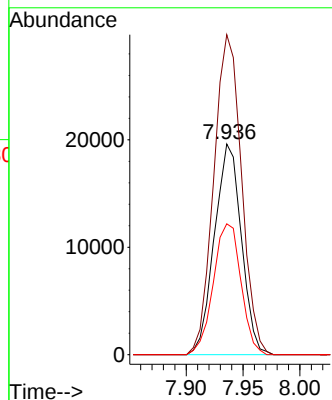
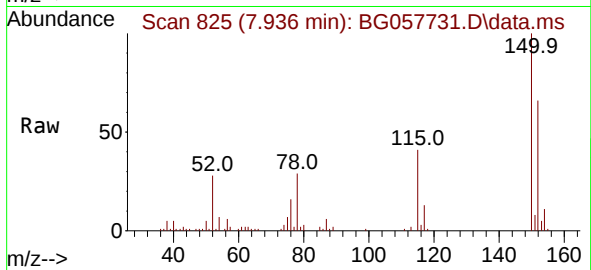




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.936 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG057731.D
 Acq: 15 Jun 2023 19:34

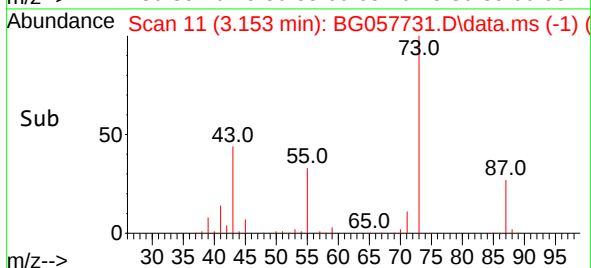
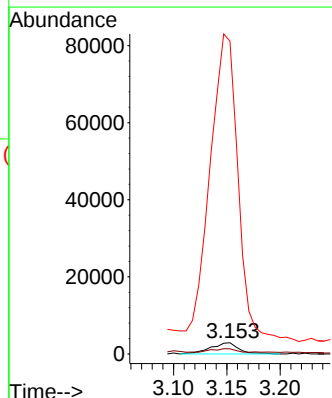
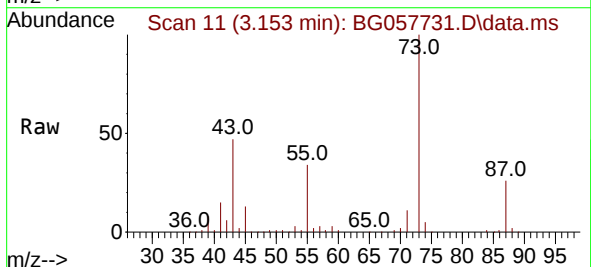
Instrument :
 BNA_G
 ClientSampleId :
 HYATT-PIPE-TP

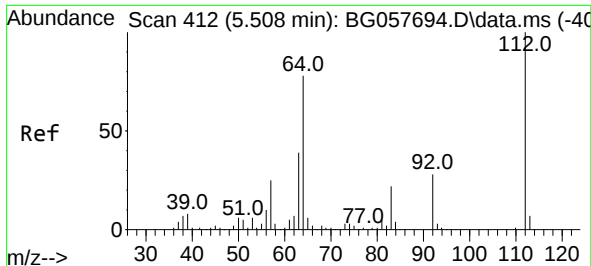
Tgt Ion:152 Resp: 32337
 Ion Ratio Lower Upper
 152 100
 150 151.9 120.8 181.2
 115 62.1 49.4 74.2



#2
 1,4-Dioxane
 Concen: 5.299 ng
 RT: 3.153 min Scan# 11
 Delta R.T. -0.271 min
 Lab File: BG057731.D
 Acq: 15 Jun 2023 19:34

Tgt Ion: 88 Resp: 5358
 Ion Ratio Lower Upper
 88 100
 58 24.5 83.0 124.6#
 43 2754.2 26.2 39.4#

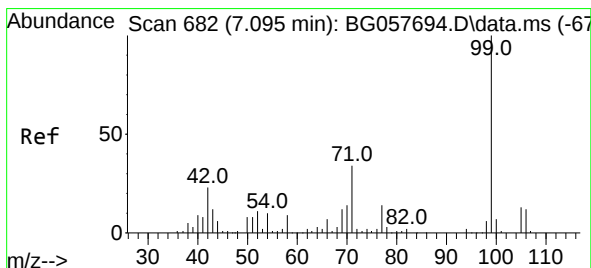
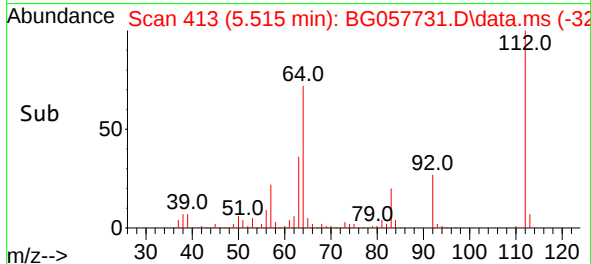
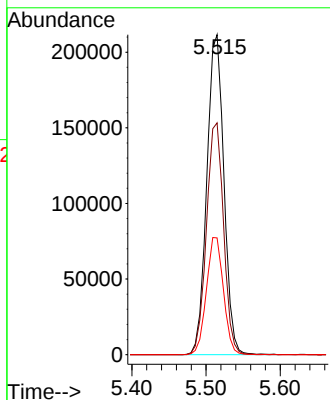
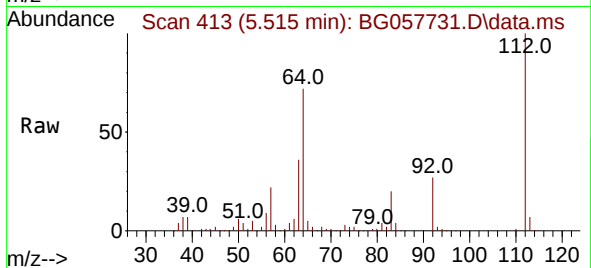




#5
2-Fluorophenol
Concen: 170.614 ng
RT: 5.515 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

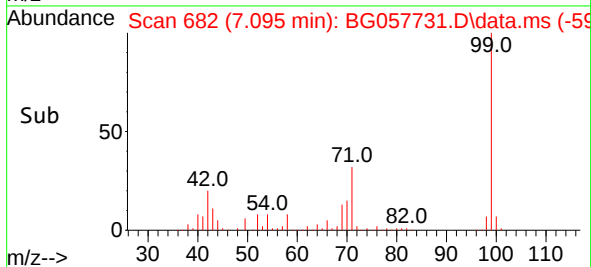
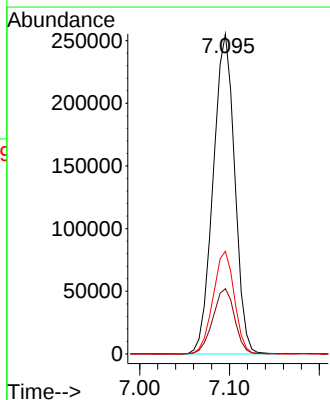
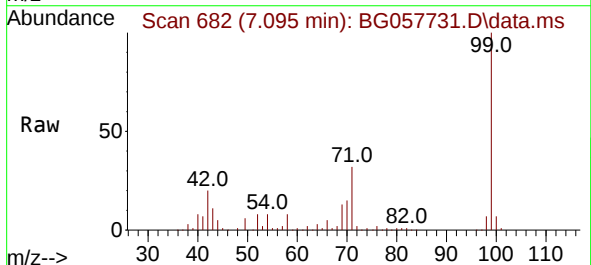
Instrument :
BNA_G
ClientSampleId :
HYATT-PIPE-TP

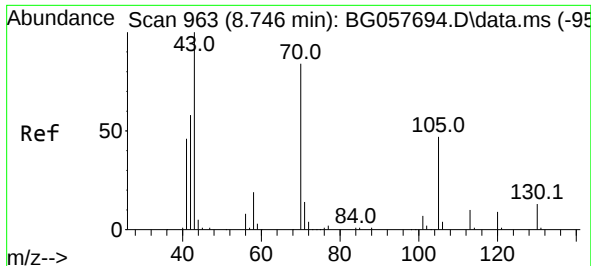
Tgt Ion:112 Resp: 338830
Ion Ratio Lower Upper
112 100
64 72.4 62.3 93.5
63 36.5 31.5 47.3



#7
Phenol-d6
Concen: 139.305 ng
RT: 7.095 min Scan# 682
Delta R.T. -0.001 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

Tgt Ion: 99 Resp: 425005
Ion Ratio Lower Upper
99 100
42 20.4 18.3 27.5
71 32.1 27.5 41.3

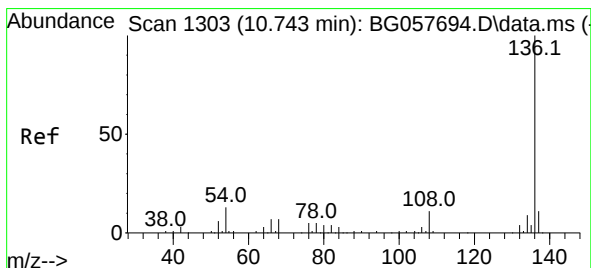
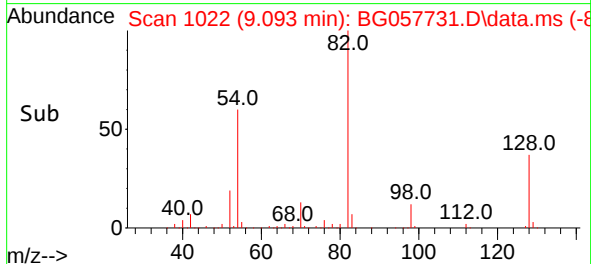
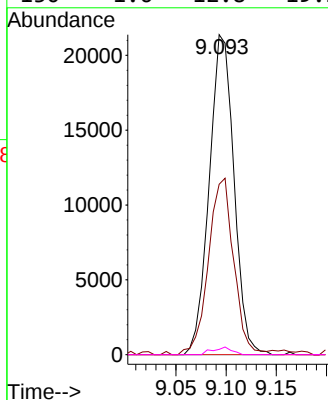
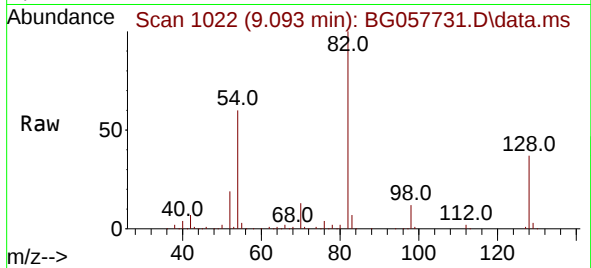




#19
n-Nitroso-di-n-propylamine
Concen: 16.605 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.346 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

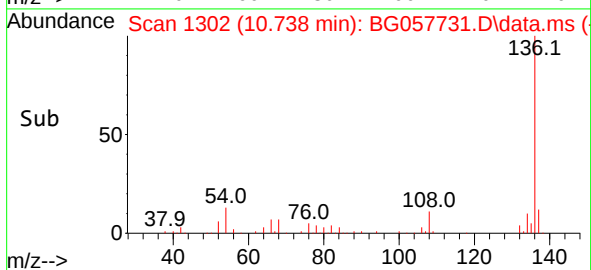
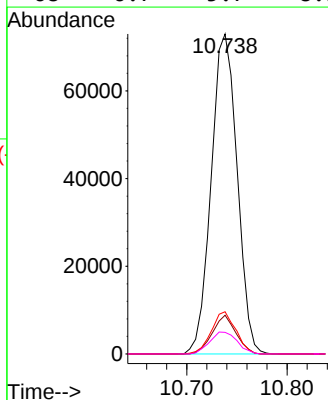
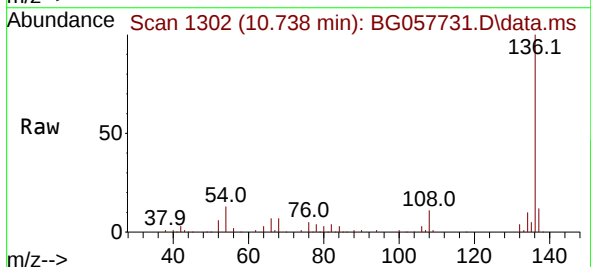
Instrument :
BNA_G
ClientSampleId :
HYATT-PIPE-TP

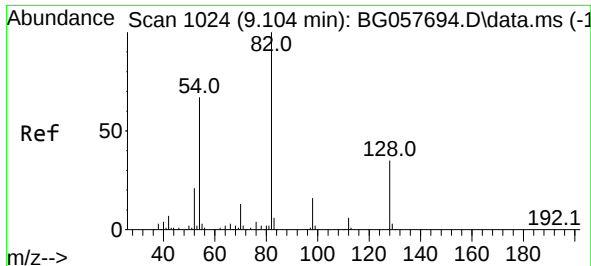
Tgt Ion: 70 Resp: 36631
Ion Ratio Lower Upper
70 100
42 53.3 56.6 84.8#
101 0.0 6.2 9.4#
130 1.6 12.8 19.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

Tgt Ion: 136 Resp: 131118
Ion Ratio Lower Upper
136 100
137 12.1 8.6 13.0
54 13.2 10.8 16.2
68 6.7 5.7 8.5





#23

Nitrobenzene-d5

Concen: 126.524 ng

RT: 9.093 min Scan# 1022

Delta R.T. -0.007 min

Lab File: BG057731.D

Acq: 15 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

HYATT-PIPE-TP

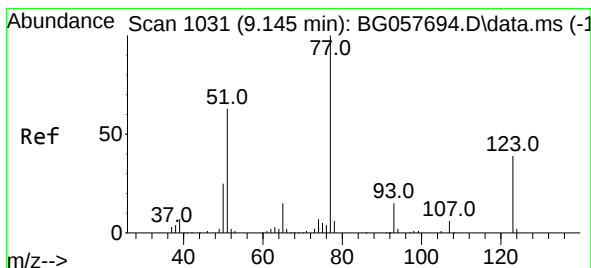
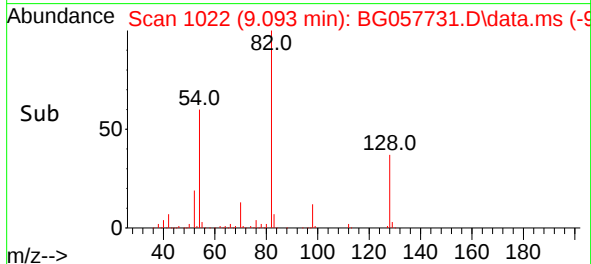
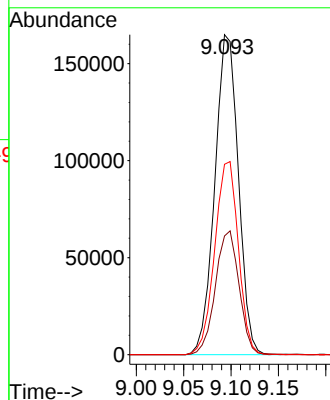
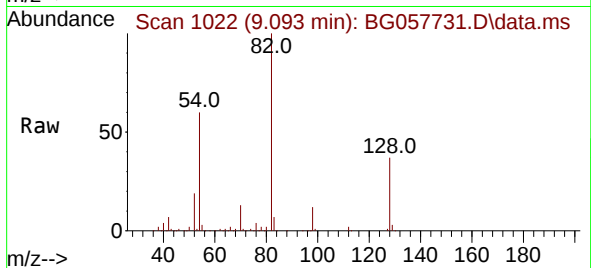
Tgt Ion: 82 Resp: 285291

Ion Ratio Lower Upper

82 100

128 37.1 27.7 41.5

54 59.5 53.8 80.8



#24

Nitrobenzene

Concen: 5.386 ng

RT: 9.099 min Scan# 1023

Delta R.T. -0.048 min

Lab File: BG057731.D

Acq: 15 Jun 2023 19:34

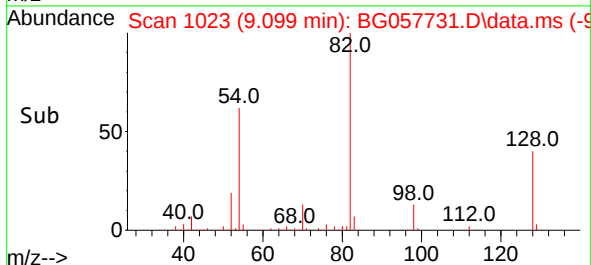
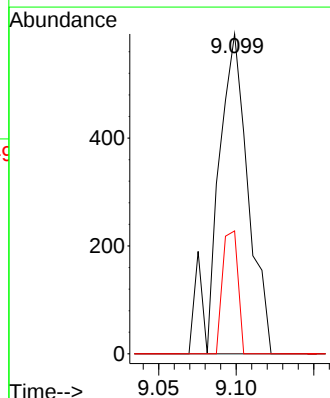
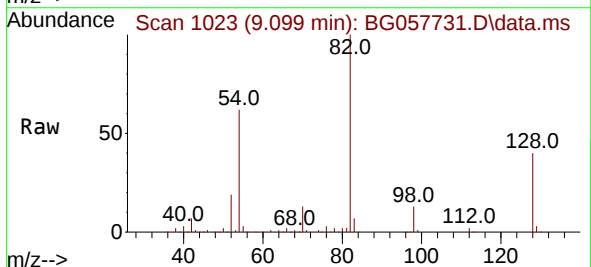
Tgt Ion: 77 Resp: 816

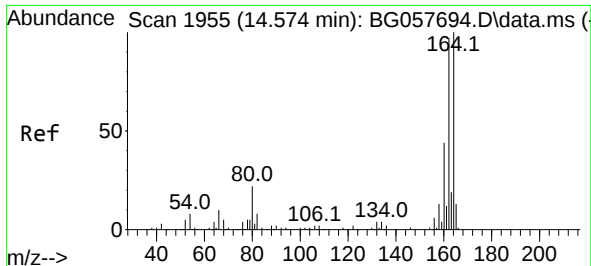
Ion Ratio Lower Upper

77 100

123 0.0 31.2 46.8#

65 38.4 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: BG057731.D

Acq: 15 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

HYATT-PIPE-TP

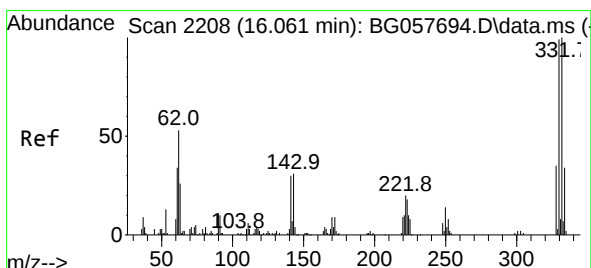
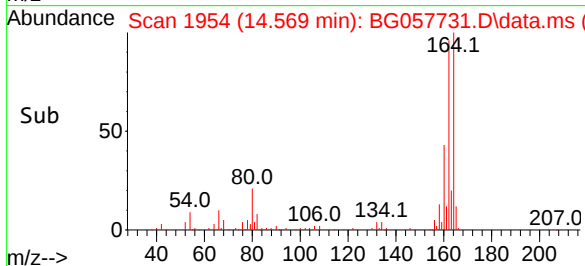
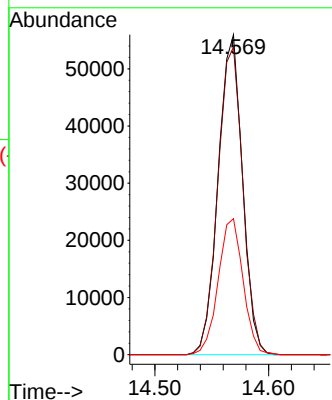
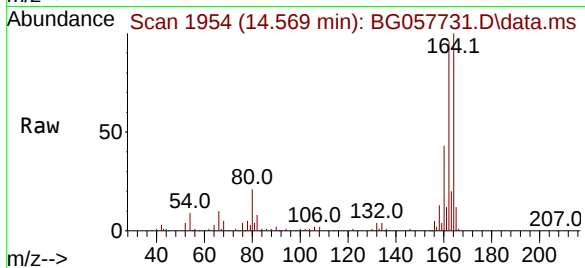
Tgt Ion:164 Resp: 83059

Ion Ratio Lower Upper

164 100

162 96.1 77.7 116.5

160 42.5 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 192.134 ng

RT: 16.055 min Scan# 2207

Delta R.T. -0.007 min

Lab File: BG057731.D

Acq: 15 Jun 2023 19:34

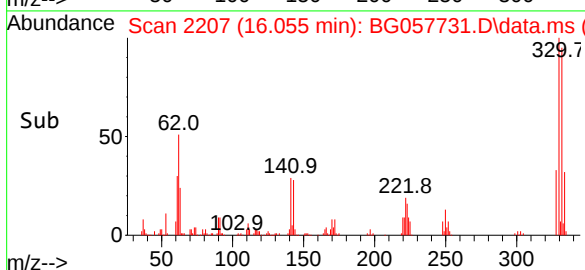
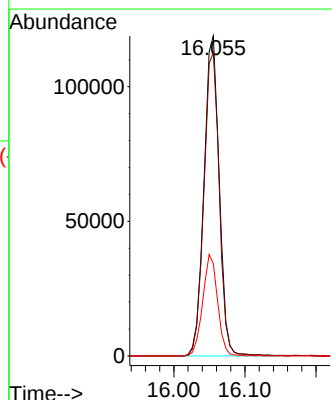
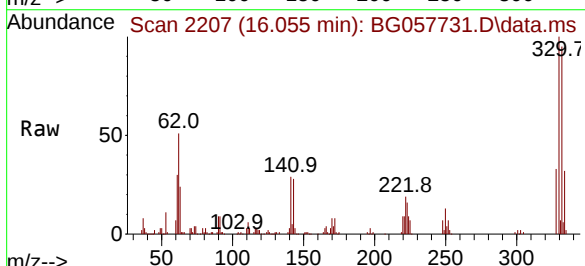
Tgt Ion:330 Resp: 178042

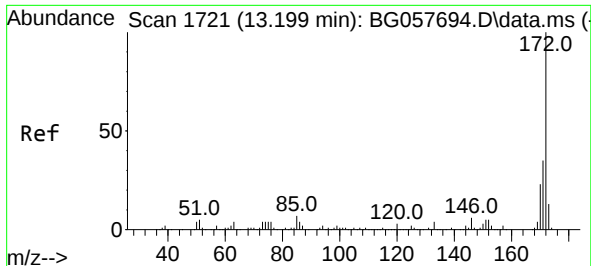
Ion Ratio Lower Upper

330 100

332 95.3 79.0 118.6

141 30.8 25.0 37.6

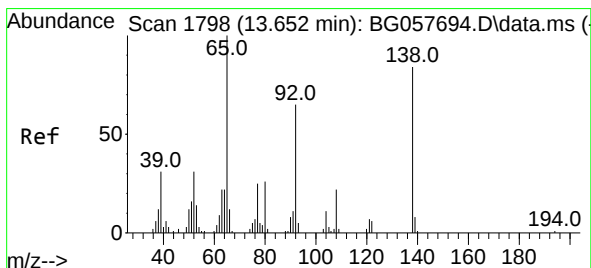
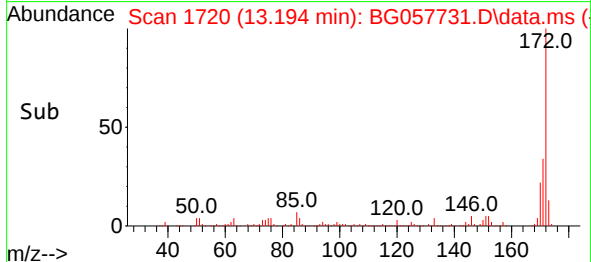
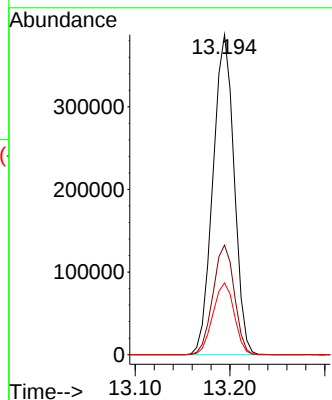
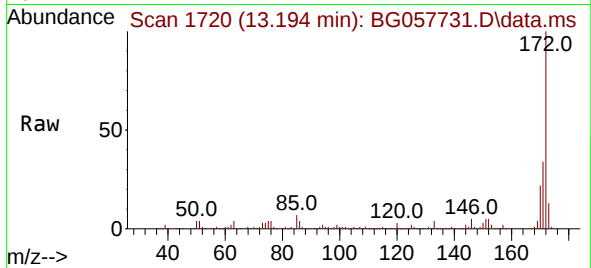




#45
2-Fluorobiphenyl
Concen: 107.671 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

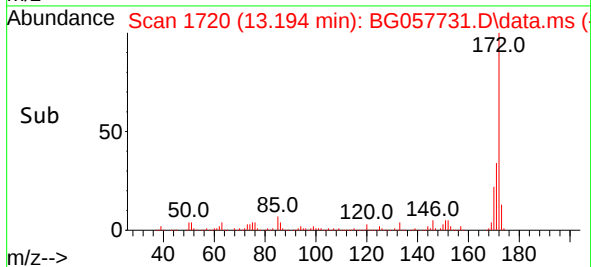
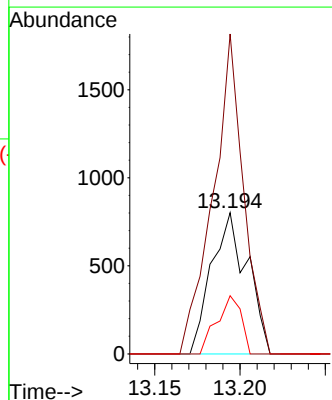
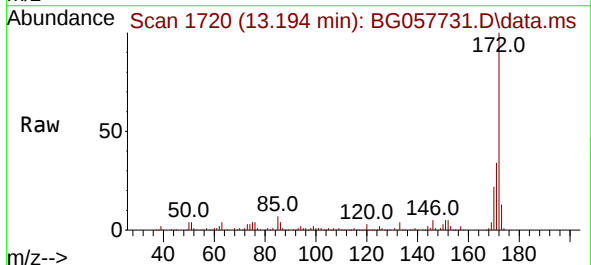
Instrument :
BNA_G
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HYATT-PIPE-TP

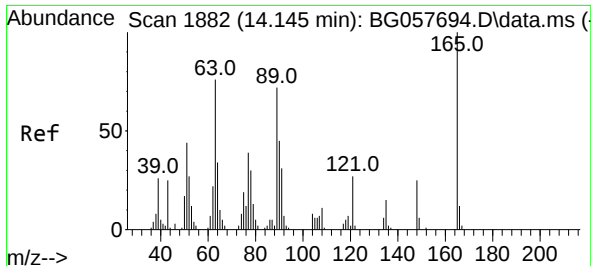
Tgt Ion:172 Resp: 599961
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 22.4 18.2 27.4



#48
2-Nitroaniline
Concen: 5.376 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.459 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

Tgt Ion: 65 Resp: 1173
Ion Ratio Lower Upper
65 100
92 226.6 52.2 78.4#
138 41.1 67.0 100.4#

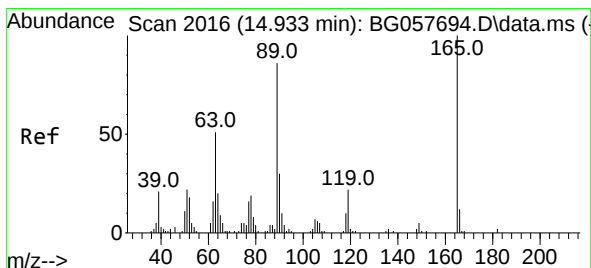
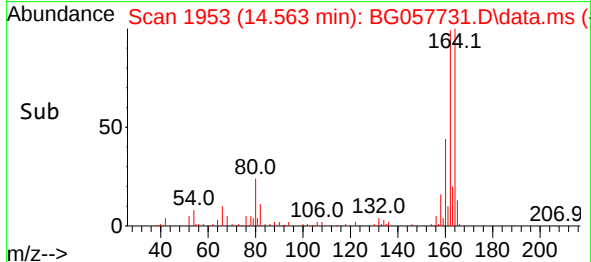
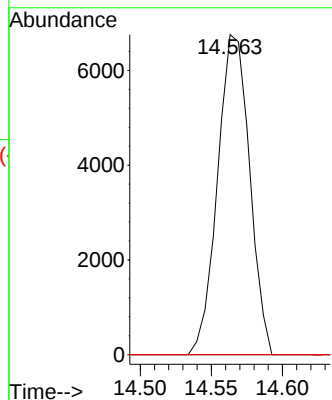
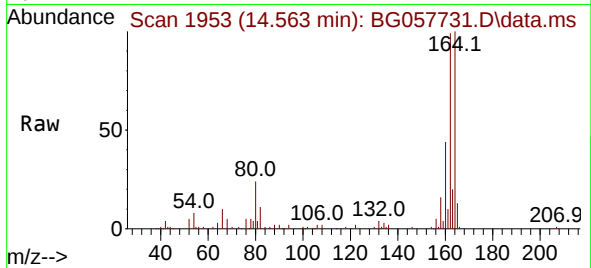




#51
2,6-Dinitrotoluene
Concen: 17.460 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.416 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

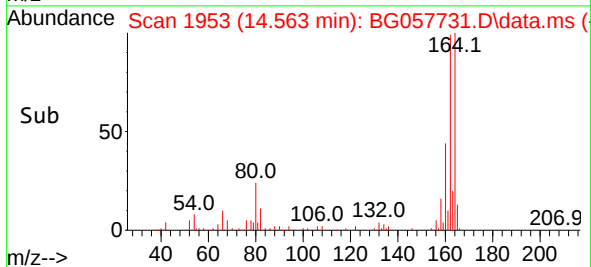
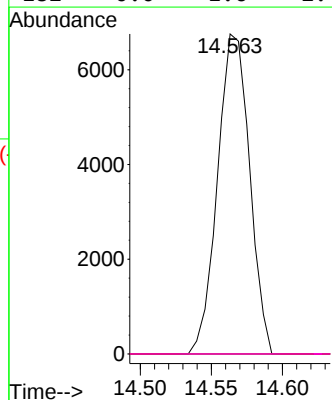
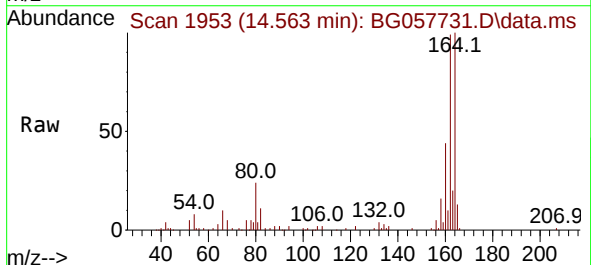
Instrument :
BNA_G
ClientSampleId :
HYATT-PIPE-TP

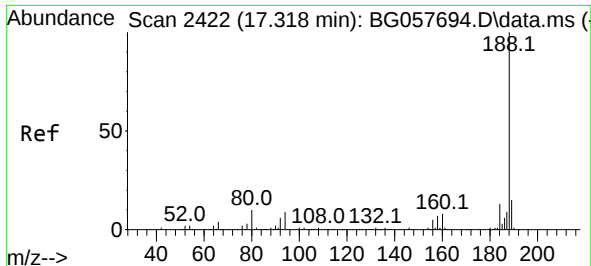
Tgt Ion:165 Resp: 10593
Ion Ratio Lower Upper
165 100
63 0.0 62.3 93.5#
89 0.0 57.4 86.0#



#57
2,4-Dinitrotoluene
Concen: 14.502 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.371 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

Tgt Ion:165 Resp: 10593
Ion Ratio Lower Upper
165 100
63 0.0 40.8 61.2#
89 0.0 68.5 102.7#
182 0.0 1.6 2.4#

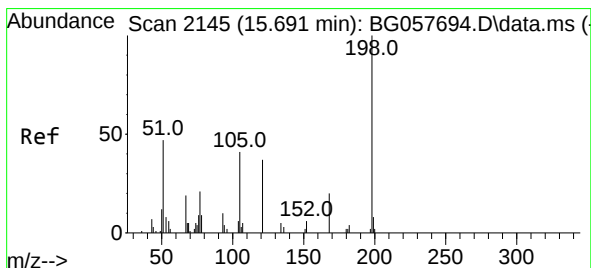
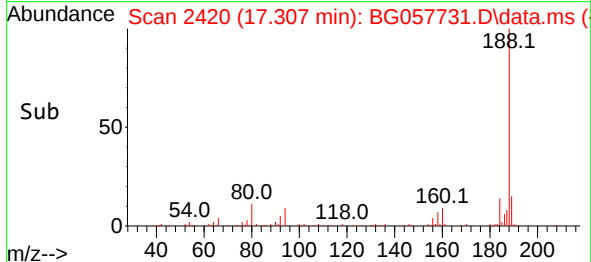
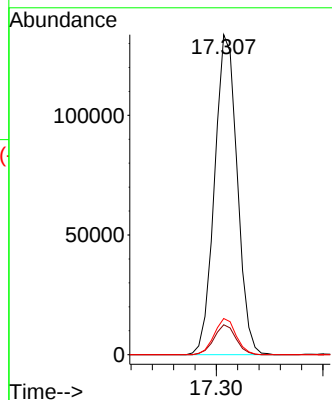
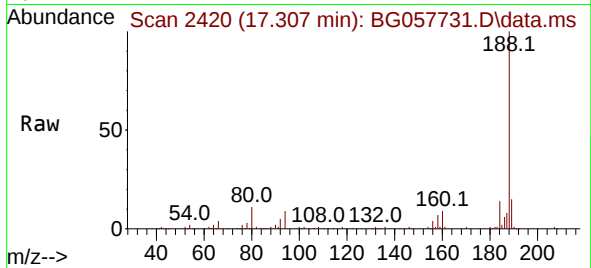




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

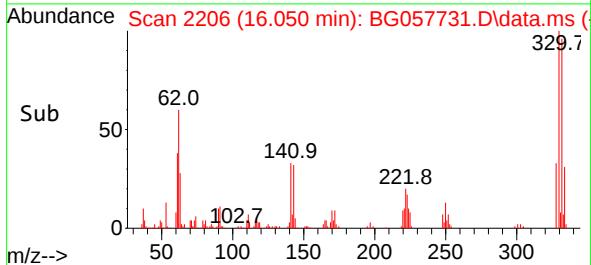
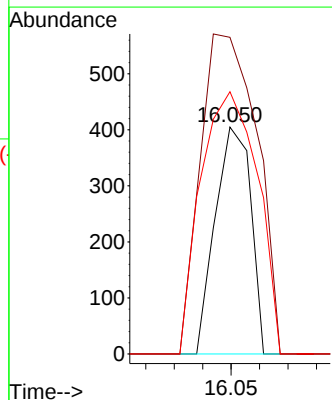
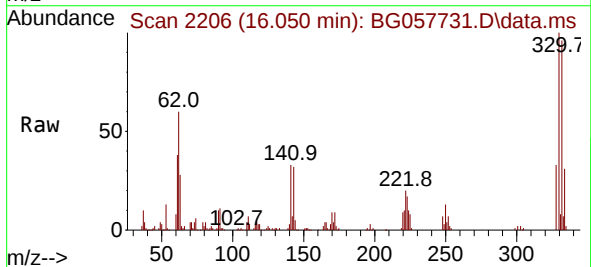
Instrument :
BNA_G
ClientSampleId :
HYATT-PIPE-TP

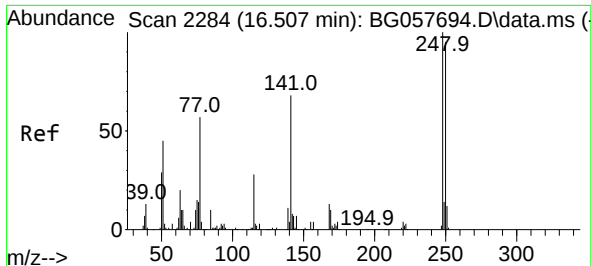
Tgt Ion:188 Resp: 196748
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 11.3 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.744 ng
RT: 16.050 min Scan# 2206
Delta R.T. 0.358 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

Tgt Ion:198 Resp: 350
Ion Ratio Lower Upper
198 100
51 139.5 42.0 82.0#
105 115.6 30.9 70.9#

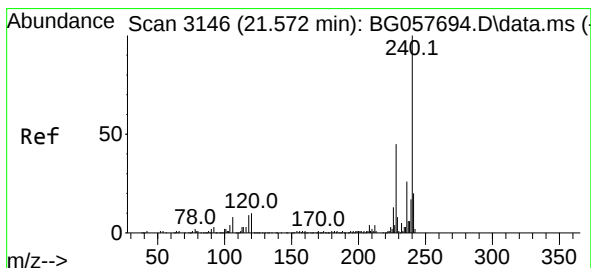
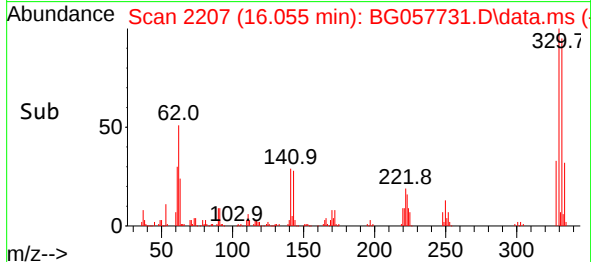
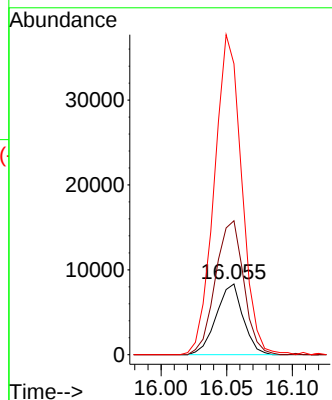
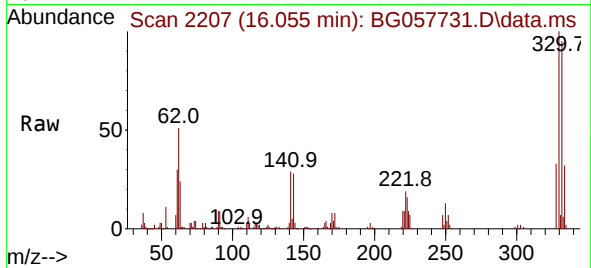




#67
4-Bromophenyl-phenylether
Concen: 5.901 ng
RT: 16.055 min Scan# 211
Delta R.T. -0.453 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

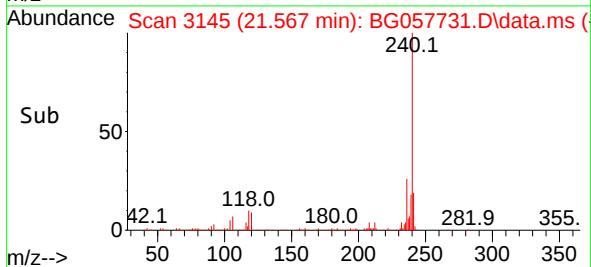
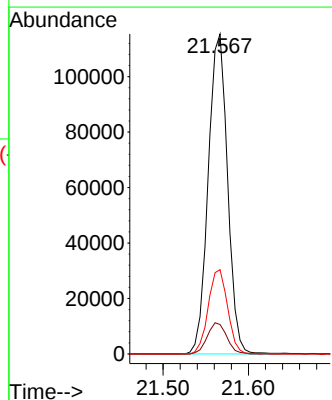
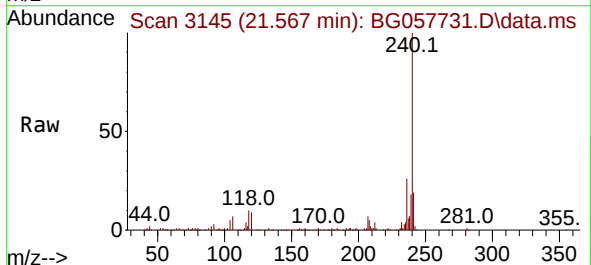
Instrument :
BNA_G
ClientSampleId :
HYATT-PIPE-TP

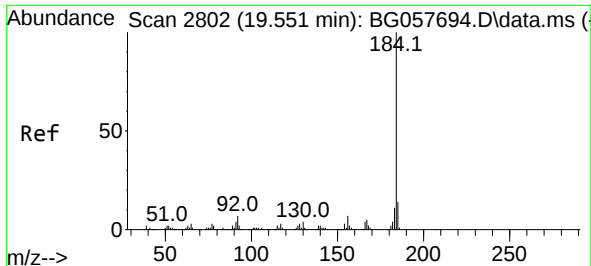
Tgt Ion:248 Resp: 11821
Ion Ratio Lower Upper
248 100
250 189.2 76.3 114.5#
141 411.1 54.6 82.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

Tgt Ion:240 Resp: 181733
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.3 20.7 31.1

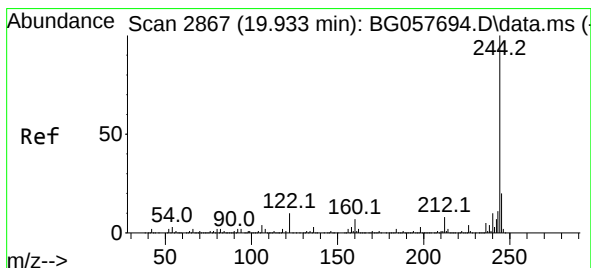
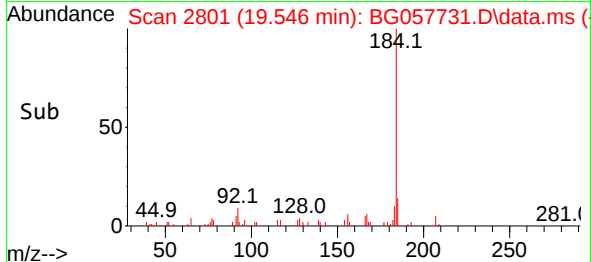
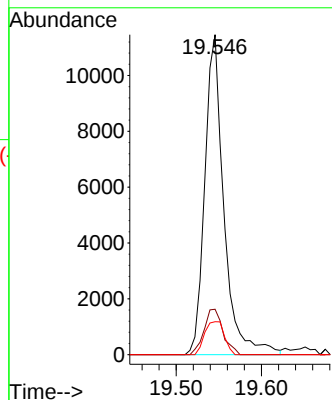
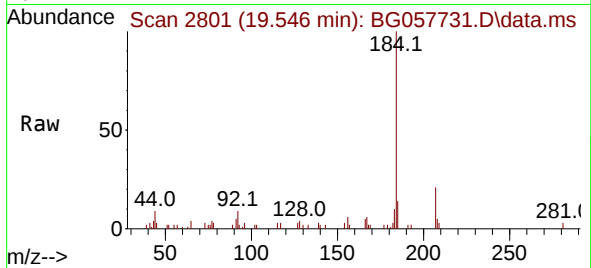




#77
Benzidine
Concen: 4.109 ng
RT: 19.546 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

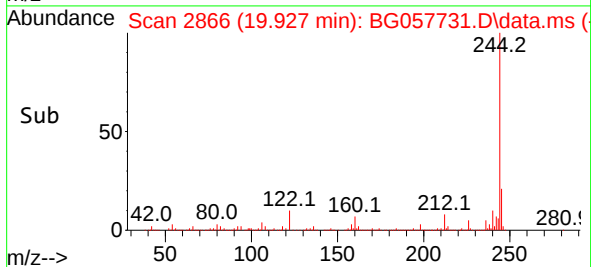
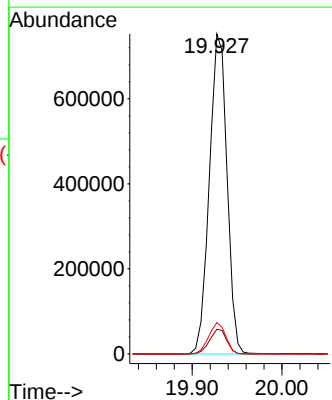
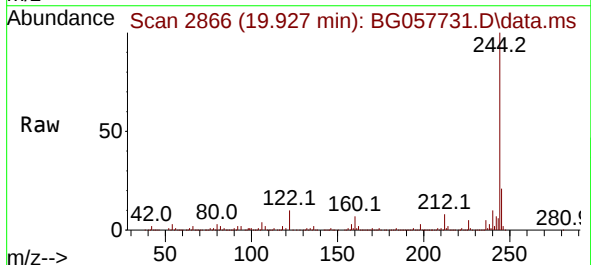
Instrument :
BNA_G
ClientSampleId :
HYATT-PIPE-TP

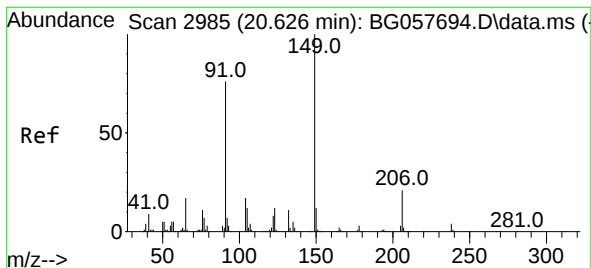
Tgt Ion:184 Resp: 17801
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 10.3 8.4 12.6



#79
Terphenyl-d14
Concen: 104.427 ng
RT: 19.927 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

Tgt Ion:244 Resp: 1026458
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 9.8 7.7 11.5





#80

Butylbenzylphthalate

Concen: 4.123 ng

RT: 20.621 min Scan# 2985

Delta R.T. -0.007 min

Lab File: BG057731.D

Acq: 15 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

HYATT-PIPE-TP

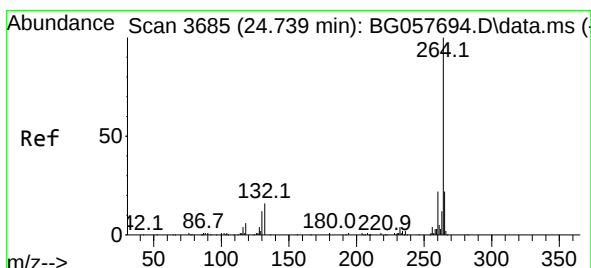
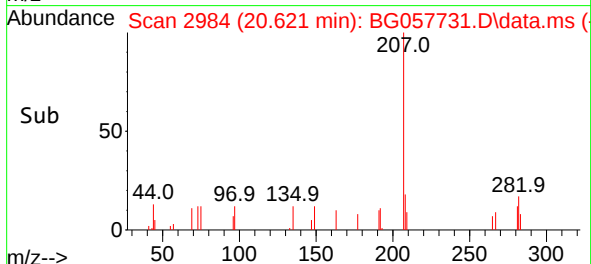
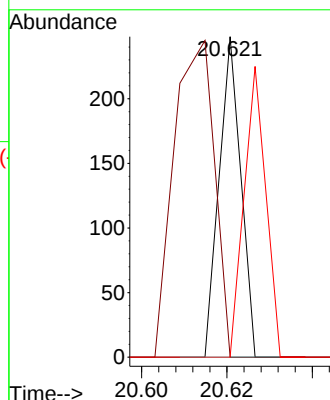
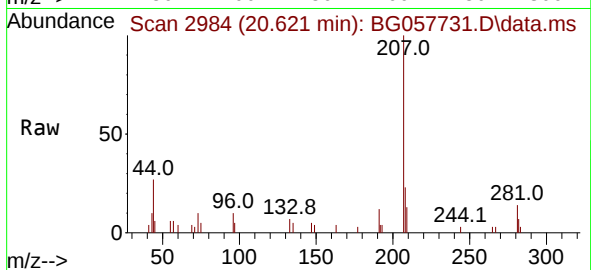
Tgt Ion:149 Resp: 87

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: 24.722 min Scan# 3682

Delta R.T. -0.012 min

Lab File: BG057731.D

Acq: 15 Jun 2023 19:34

Tgt Ion:264 Resp: 210523

Ion Ratio Lower Upper

264 100

260 22.8 17.3 25.9

265 21.7 17.5 26.3

