

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057749.D
 Acq On : 17 Jun 2023 1:03
 Operator : CG/JU
 Sample : 03251-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Quant Time: Jun 17 04:01:39 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)

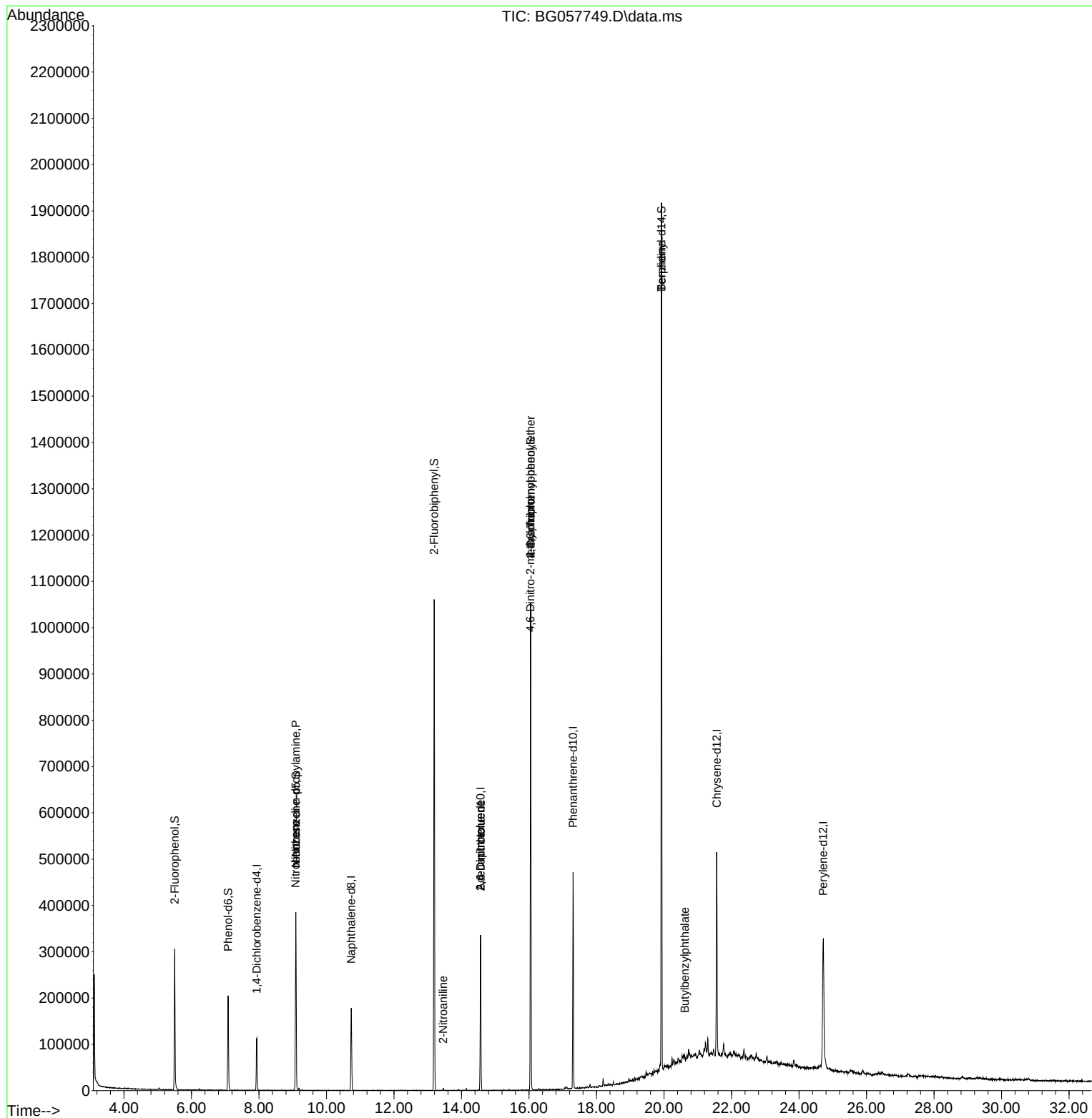
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	31525	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	148516	20.000	ng	-0.01
39) Acenaphthene-d10	14.562	164	117478	20.000	ng	-0.01
64) Phenanthrene-d10	17.306	188	300589	20.000	ng	-0.01
76) Chrysene-d12	21.560	240	243905	20.000	ng	-0.01
86) Perylene-d12	24.715	264	298457	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	128733	66.492	ng	0.00
7) Phenol-d6	7.083	99	119249	40.093	ng	-0.01
23) Nitrobenzene-d5	9.092	82	219967	90.762	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	203783	155.482	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	580474	73.653	ng	-0.01
79) Terphenyl-d14	19.927	244	930911	70.565	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	28153	13.091	ng	# 76
24) Nitrobenzene	9.086	77	672	5.301	ng	# 44
48) 2-Nitroaniline	13.452	65	56	4.099	ng	# 12
51) 2,6-Dinitrotoluene	14.562	165	14936	17.422	ng	# 12
57) 2,4-Dinitrotoluene	14.562	165	14936	14.472	ng	# 15
65) 4,6-Dinitro-2-methylph...	16.043	198	428	2.458	ng	# 1
67) 4-Bromophenyl-phenylether	16.049	248	13314	4.350	ng	# 1
77) Benzidine	19.927	184	12577	2.163	ng	# 91
80) Butylbenzylphthalate	20.614	149	729	4.212	ng	# 77

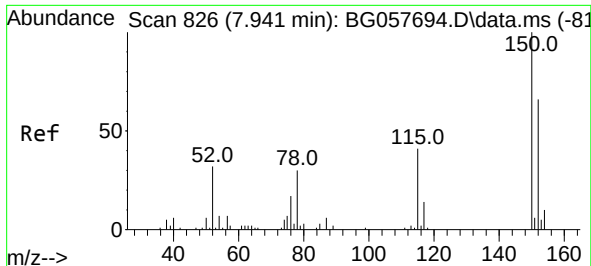
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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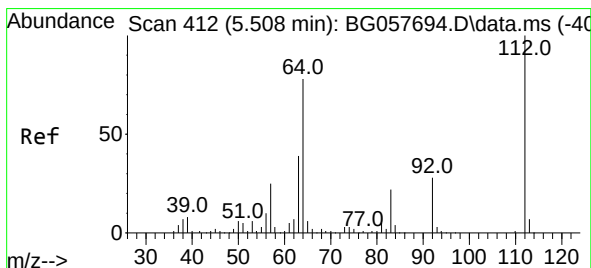
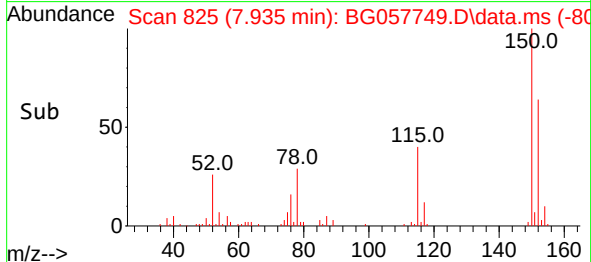
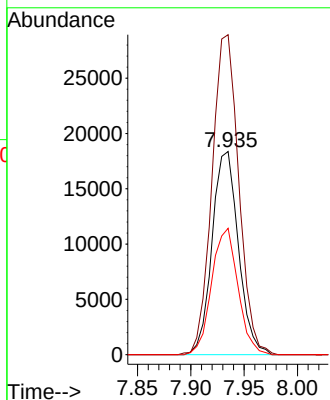
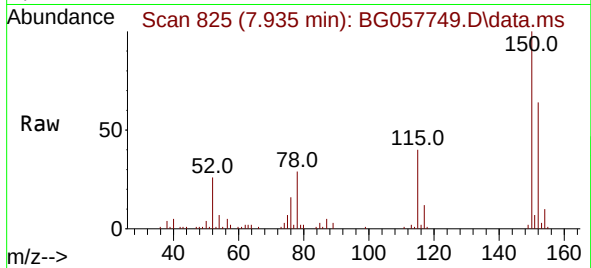




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

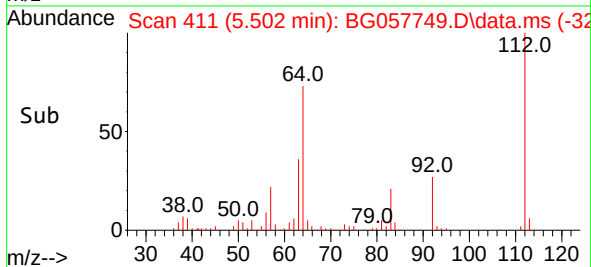
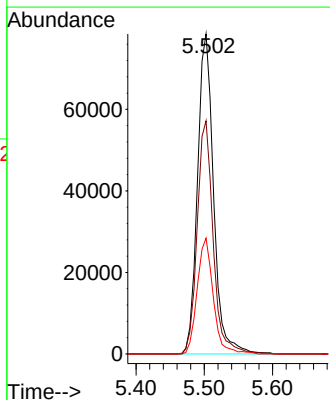
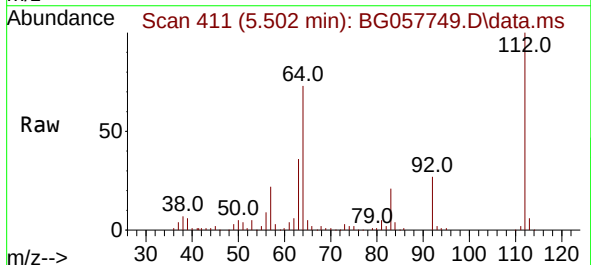
Instrument :
BNA_G
ClientSampleId :
TWP-01

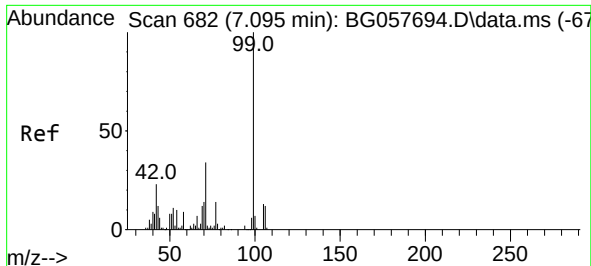
Tgt Ion:152 Resp: 31525
Ion Ratio Lower Upper
152 100
150 157.5 120.8 181.2
115 62.2 49.4 74.2



#5
2-Fluorophenol
Concen: 66.492 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

Tgt Ion:112 Resp: 128733
Ion Ratio Lower Upper
112 100
64 72.8 62.3 93.5
63 36.2 31.5 47.3

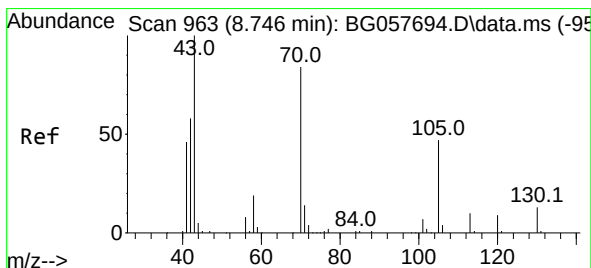
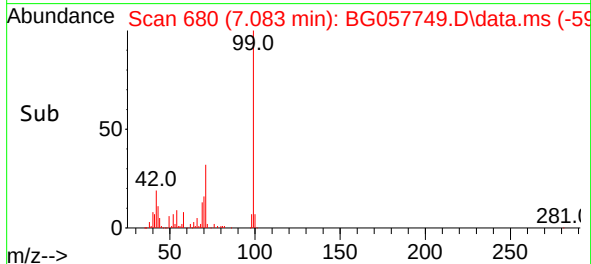
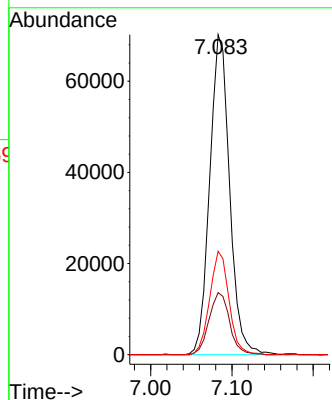
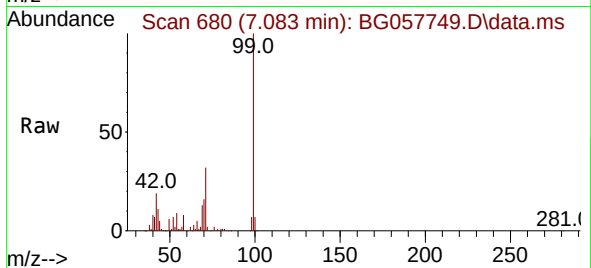




#7
Phenol-d6
Concen: 40.093 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

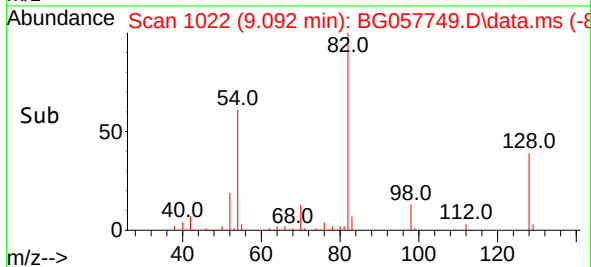
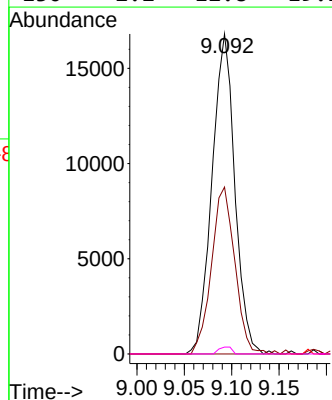
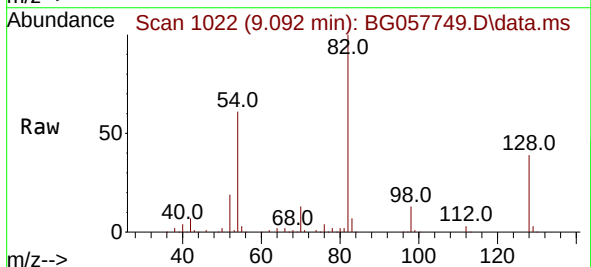
Instrument :
BNA_G
ClientSampleId :
TWP-01

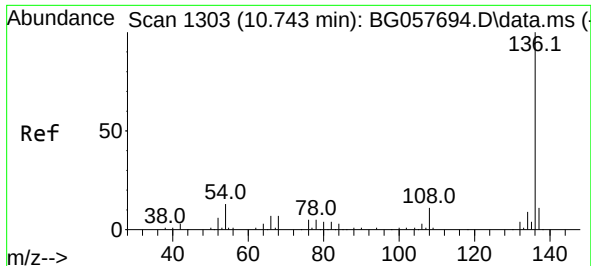
Tgt Ion: 99 Resp: 119249
Ion Ratio Lower Upper
99 100
42 19.4 18.3 27.5
71 32.3 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.091 ng
RT: 9.092 min Scan# 1022
Delta R.T. 0.345 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

Tgt Ion: 70 Resp: 28153
Ion Ratio Lower Upper
70 100
42 52.2 56.6 84.8#
101 0.0 6.2 9.4#
130 2.2 12.8 19.2#

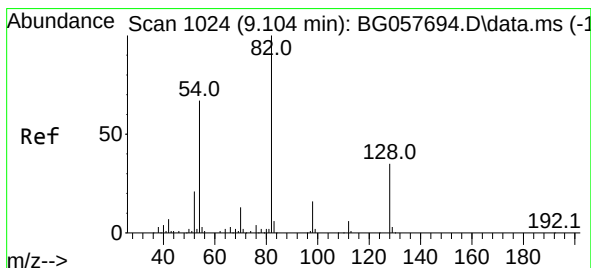
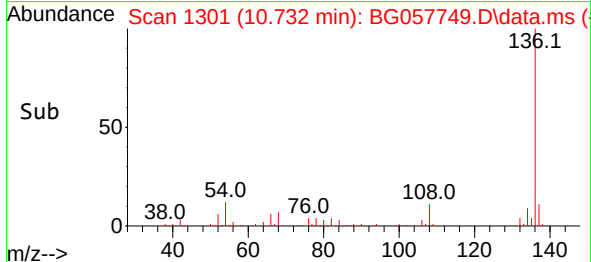
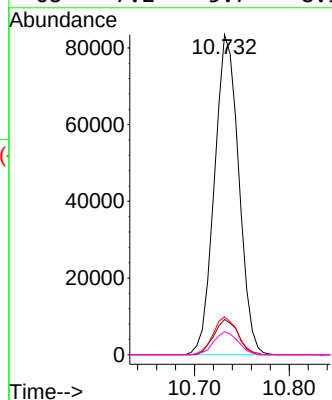
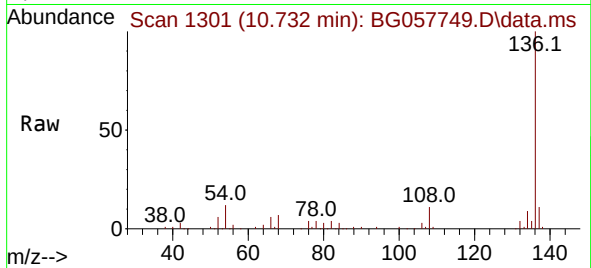




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

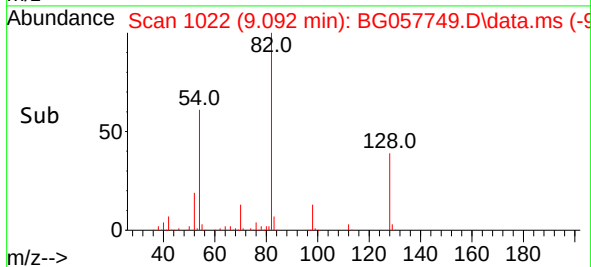
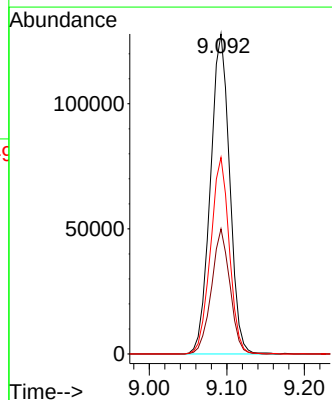
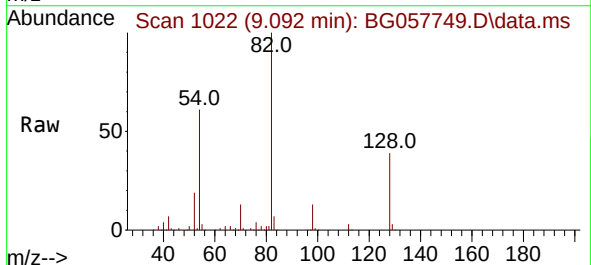
Instrument :
BNA_G
ClientSampleId :
TWP-01

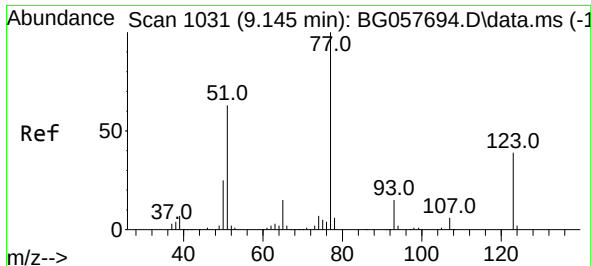
Tgt Ion:	136	Resp:	148516
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	11.8	10.8	16.2
68	7.2	5.7	8.5



#23
Nitrobenzene-d5
Concen: 90.762 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

Tgt Ion:	82	Resp:	219967
Ion Ratio	Lower	Upper	
82	100		
128	39.1	27.7	41.5
54	61.4	53.8	80.8

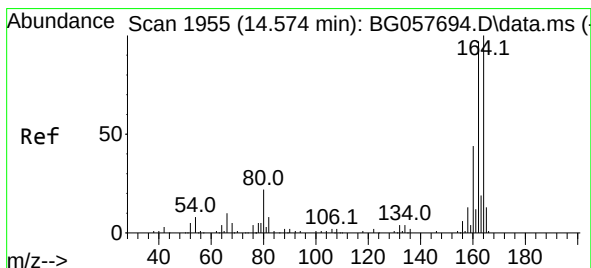
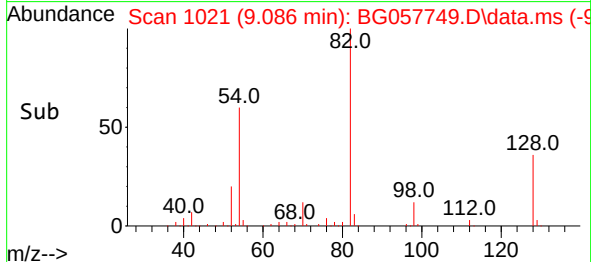
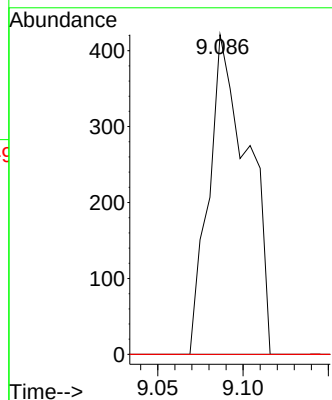
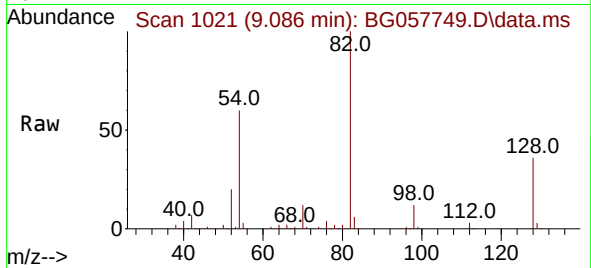




#24
Nitrobenzene
Concen: 5.301 ng
RT: 9.086 min Scan# 1031
Delta R.T. -0.060 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

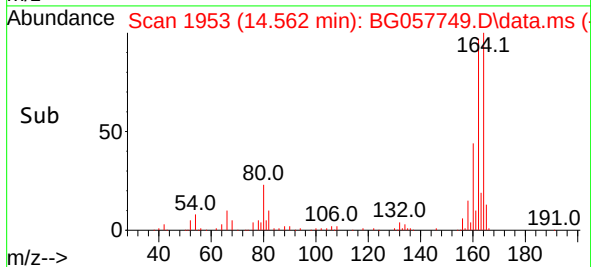
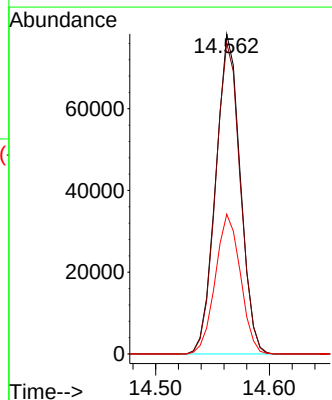
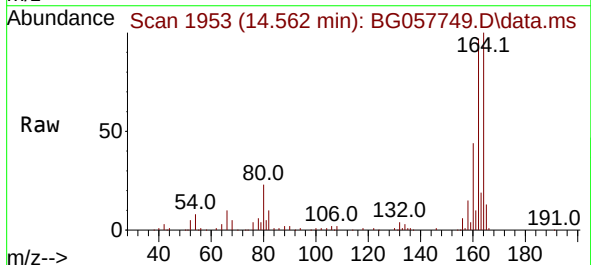
Instrument :
BNA_G
ClientSampleId :
TWP-01

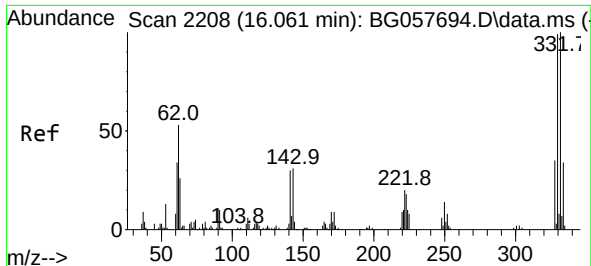
Tgt Ion: 77 Resp: 672
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.013 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

Tgt Ion: 164 Resp: 117478
Ion Ratio Lower Upper
164 100
162 97.2 77.7 116.5
160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 155.482 ng

RT: 16.049 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG057749.D

Acq: 17 Jun 2023 1:03

Instrument :

BNA_G

ClientSampleId :

TWP-01

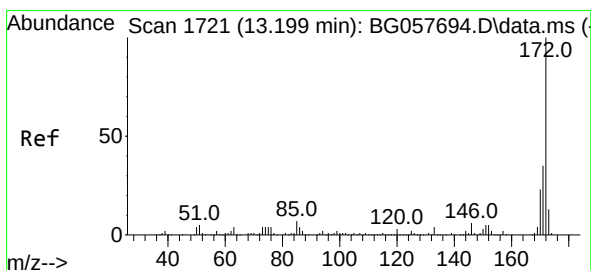
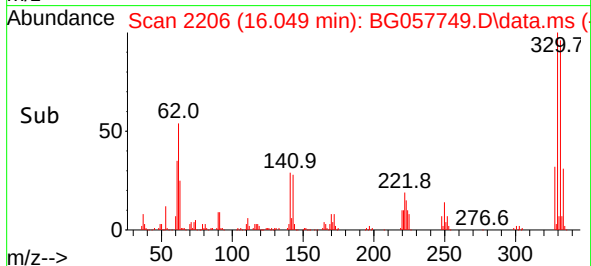
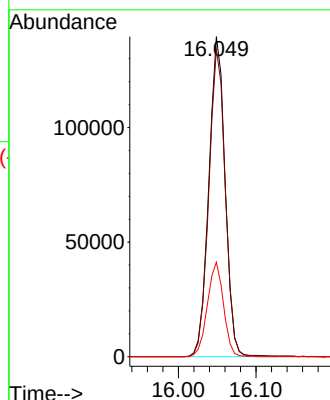
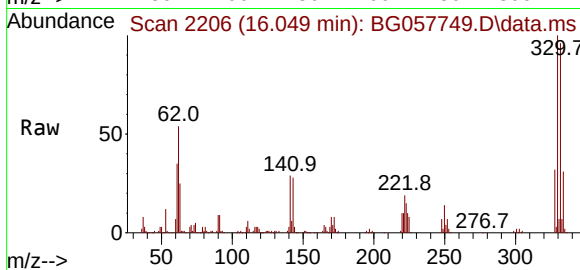
Tgt Ion:330 Resp: 203783

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.6

141 29.2 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 73.653 ng

RT: 13.188 min Scan# 1719

Delta R.T. -0.013 min

Lab File: BG057749.D

Acq: 17 Jun 2023 1:03

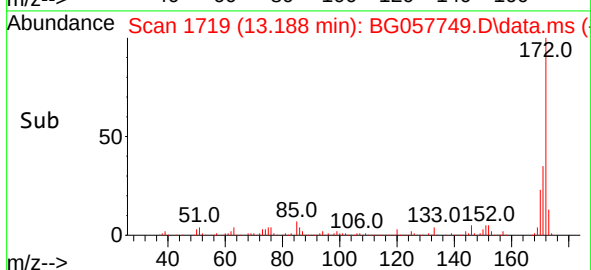
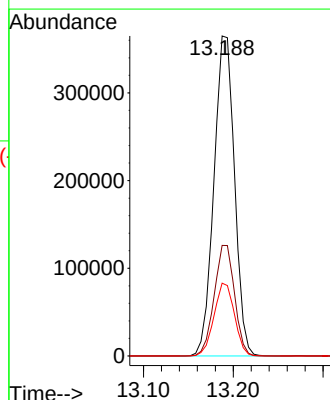
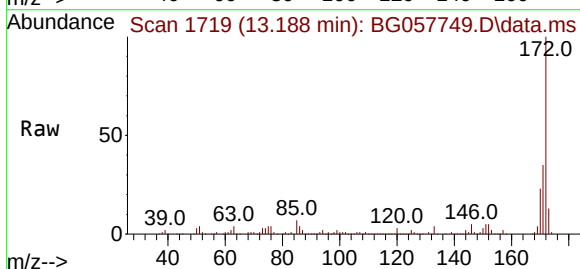
Tgt Ion:172 Resp: 580474

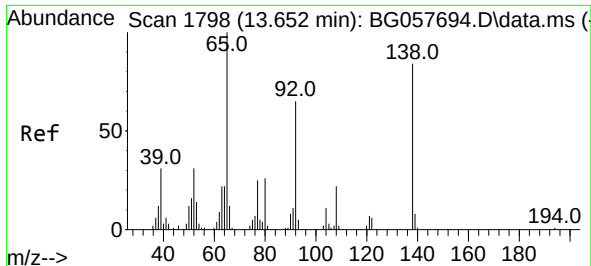
Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 22.7 18.2 27.4

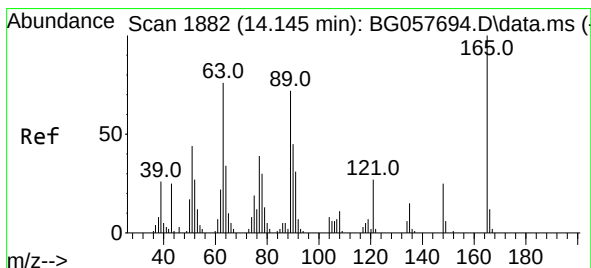
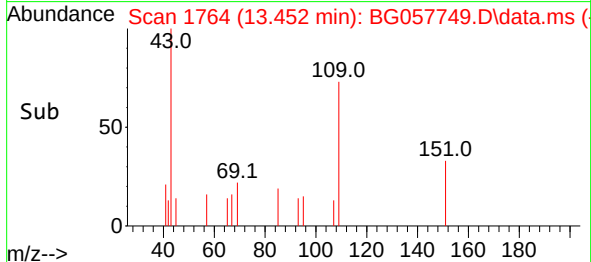
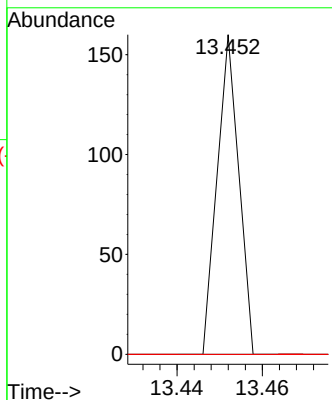
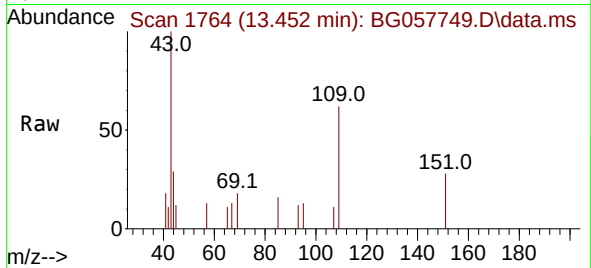




#48
2-Nitroaniline
Concen: 4.099 ng
RT: 13.452 min Scan# 11
Delta R.T. -0.201 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

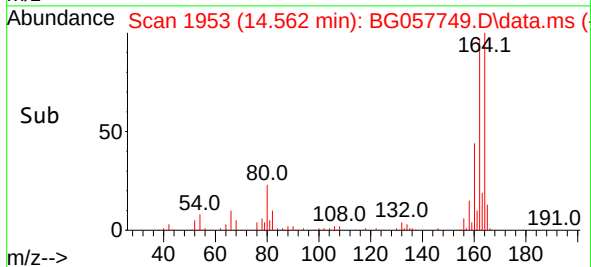
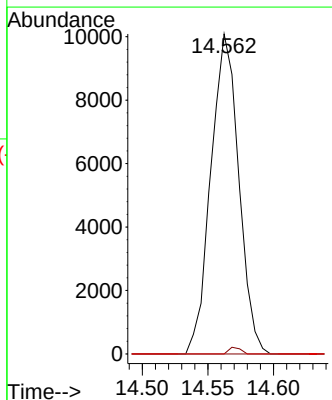
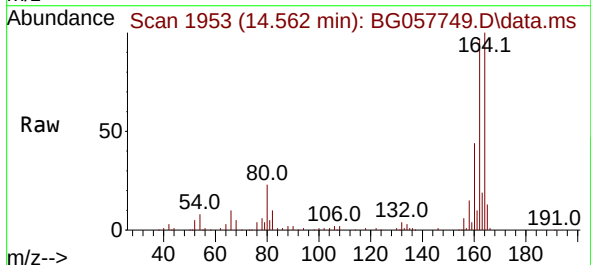
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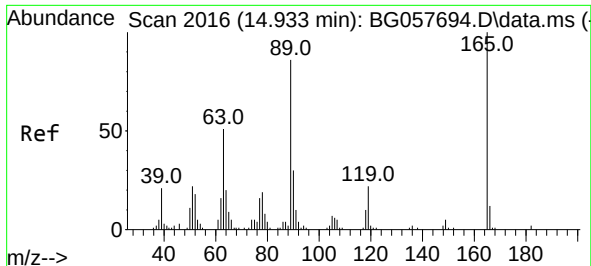
Tgt Ion: 65 Resp: 56
Ion Ratio Lower Upper
65 100
92 0.0 52.2 78.4#
138 0.0 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.422 ng
RT: 14.562 min Scan# 1953
Delta R.T. 0.416 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

Tgt Ion:165 Resp: 14936
Ion Ratio Lower Upper
165 100
63 0.0 62.3 93.5#
89 0.0 57.4 86.0#

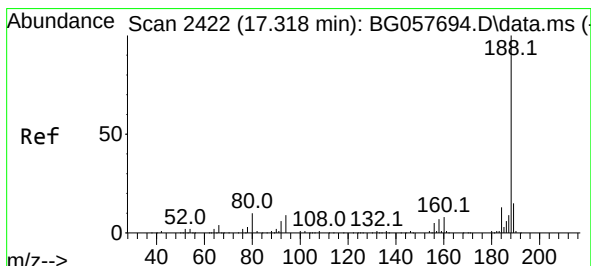
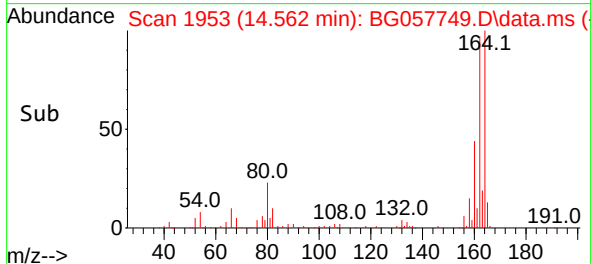
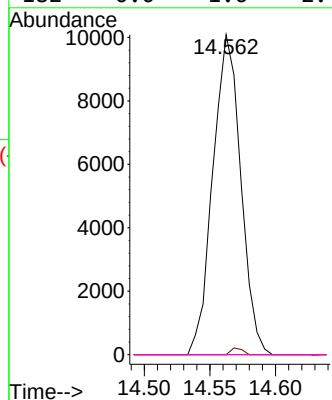
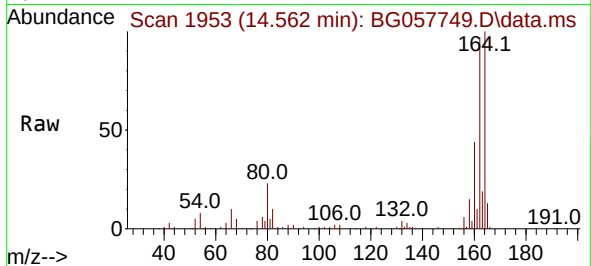




#57
2,4-Dinitrotoluene
Concen: 14.472 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.372 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

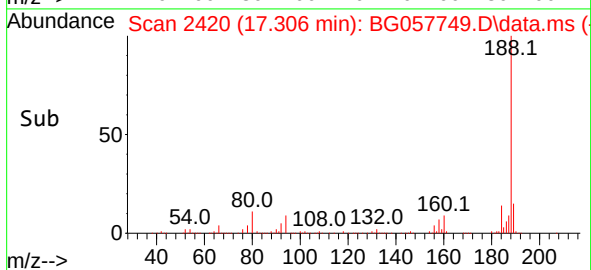
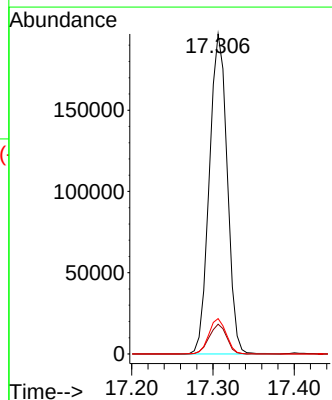
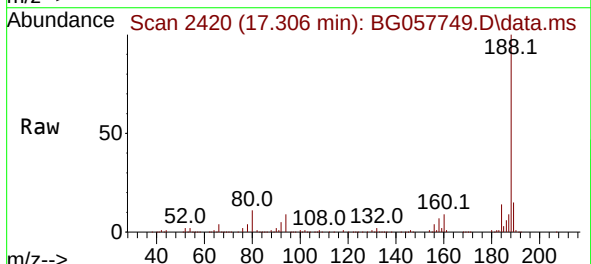
Instrument :
BNA_G
ClientSampleId :
TWP-01

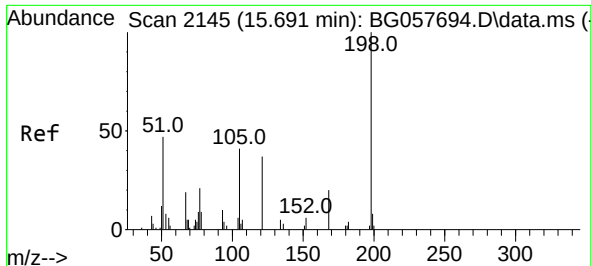
Tgt Ion:165 Resp: 14936
Ion Ratio Lower Upper
165 100
63 0.0 40.8 61.2#
89 0.0 68.5 102.7#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2420
Delta R.T. -0.013 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

Tgt Ion:188 Resp: 300589
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 11.0 8.2 12.4

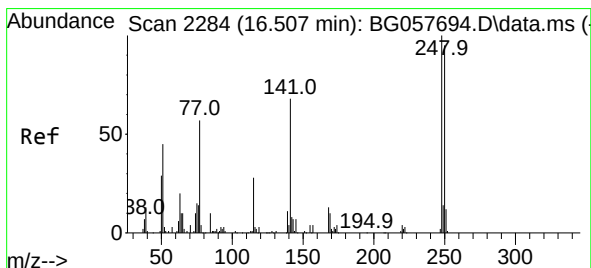
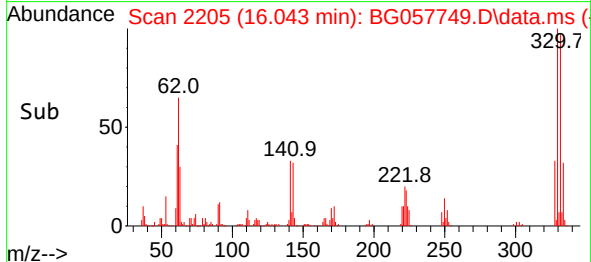
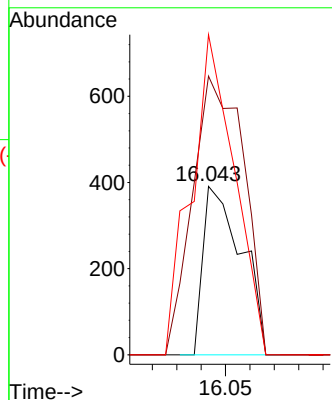
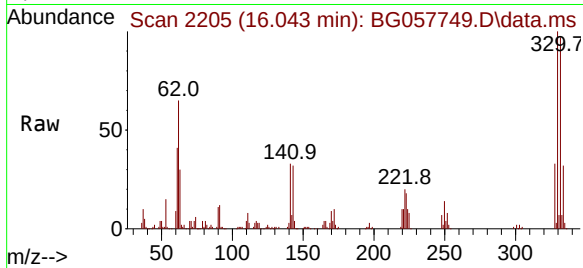




#65
4,6-Dinitro-2-methylphenol
Concen: 2.458 ng
RT: 16.043 min Scan# 2145
Delta R.T. 0.351 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

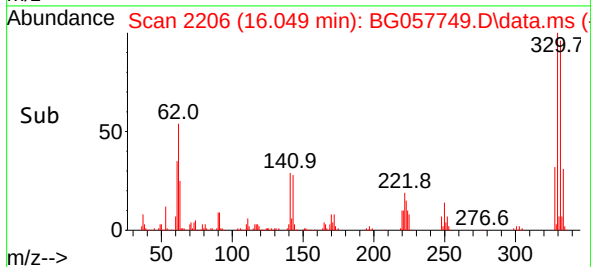
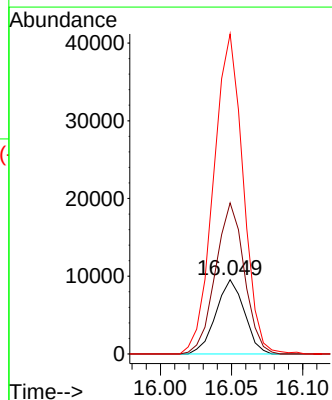
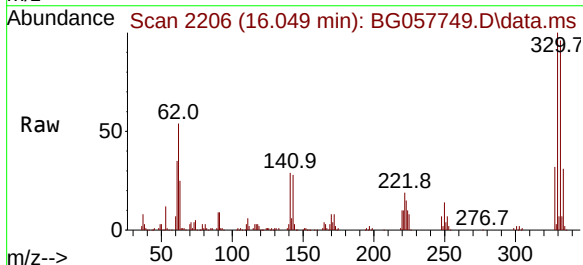
Instrument :
BNA_G
ClientSampleId :
TWP-01

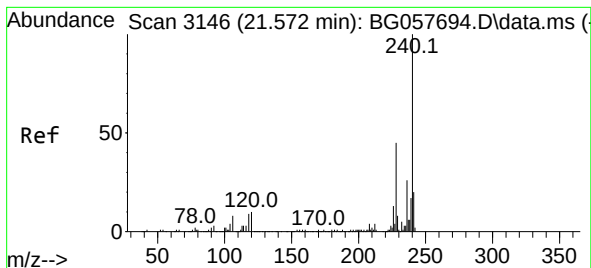
Tgt Ion:198 Resp: 428
Ion Ratio Lower Upper
198 100
51 165.5 42.0 82.0#
105 190.0 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 4.350 ng
RT: 16.049 min Scan# 2206
Delta R.T. -0.460 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

Tgt Ion:248 Resp: 13314
Ion Ratio Lower Upper
248 100
250 203.2 76.3 114.5#
141 430.5 54.6 82.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.560 min Scan# 3146

Delta R.T. -0.013 min

Lab File: BG057749.D

Acq: 17 Jun 2023 1:03

Instrument :

BNA_G

ClientSampleId :

TWP-01

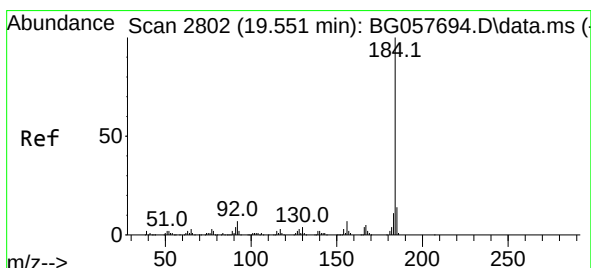
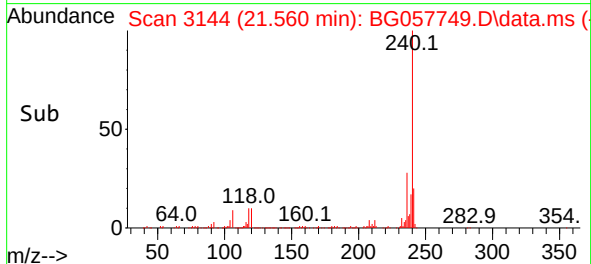
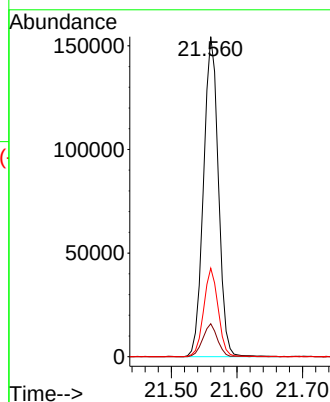
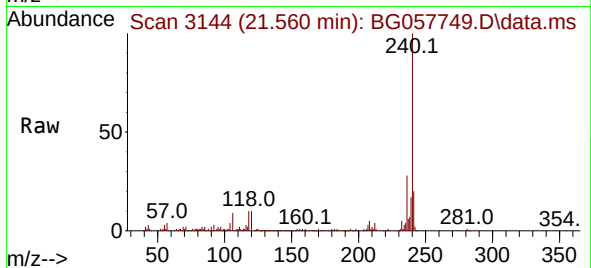
Tgt Ion:240 Resp: 243905

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

236 27.7 20.7 31.1



#77

Benzidine

Concen: 2.163 ng

RT: 19.927 min Scan# 2866

Delta R.T. 0.375 min

Lab File: BG057749.D

Acq: 17 Jun 2023 1:03

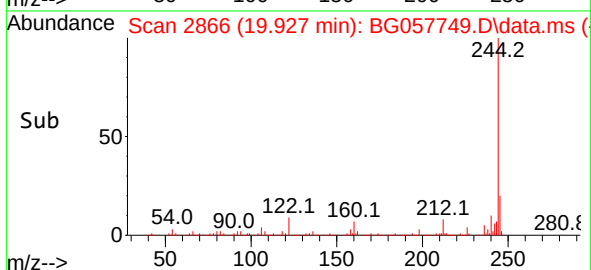
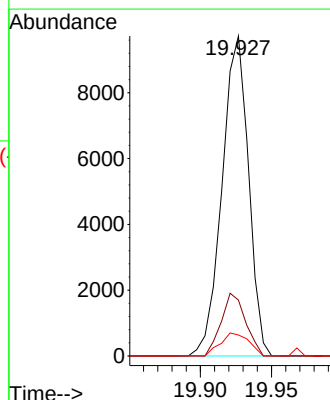
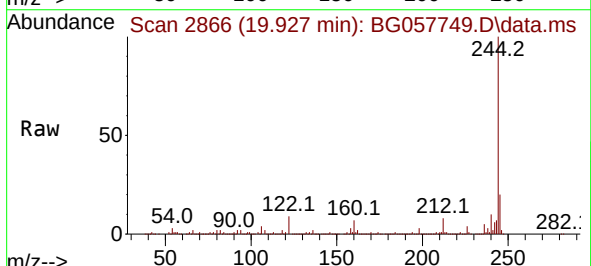
Tgt Ion:184 Resp: 12577

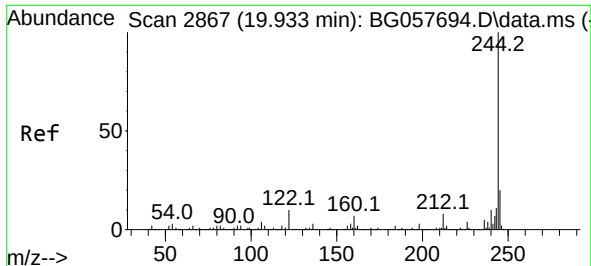
Ion Ratio Lower Upper

184 100

185 17.4 11.1 16.7#

183 6.5 8.4 12.6#

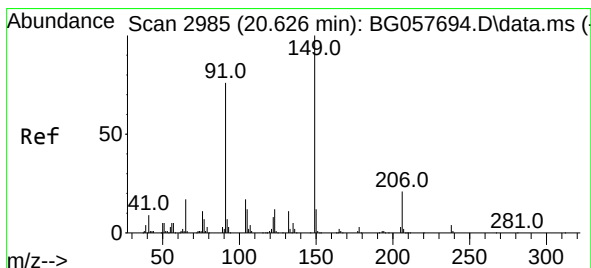
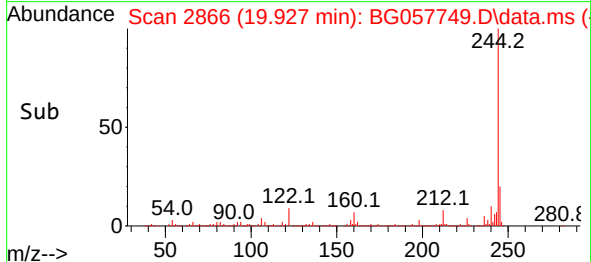
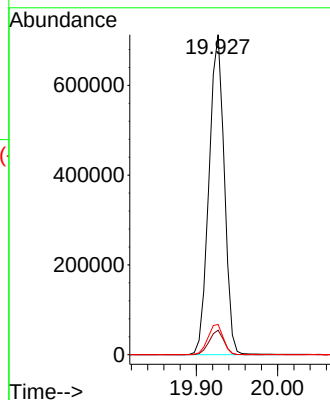
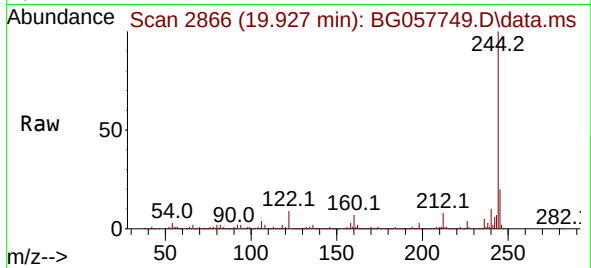




#79
 Terphenyl-d14
 Concen: 70.565 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057749.D
 Acq: 17 Jun 2023 1:03

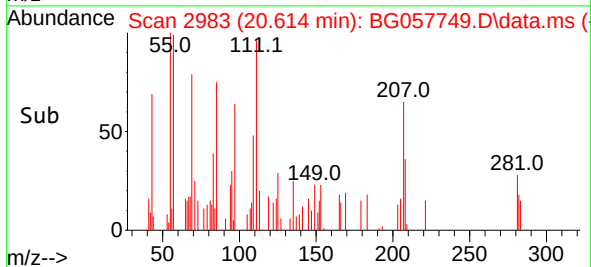
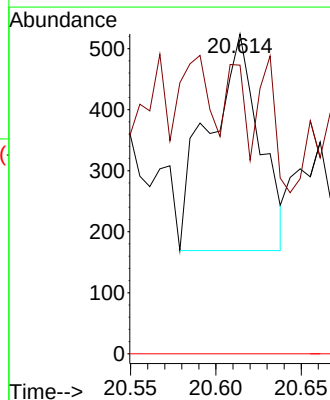
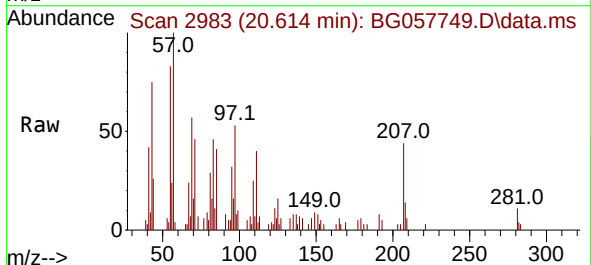
Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

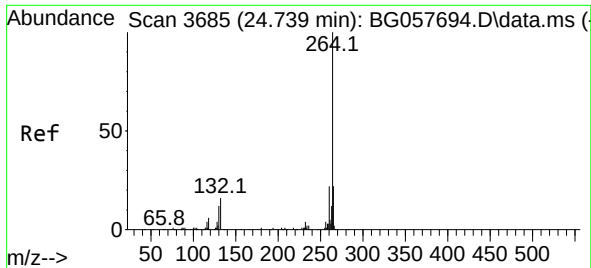
Tgt Ion:244 Resp: 930911
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 9.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 4.212 ng
 RT: 20.614 min Scan# 2983
 Delta R.T. -0.013 min
 Lab File: BG057749.D
 Acq: 17 Jun 2023 1:03

Tgt Ion:149 Resp: 729
 Ion Ratio Lower Upper
 149 100
 91 90.3 60.8 91.2
 206 0.0 16.8 25.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.715 min Scan# 30
 Delta R.T. -0.019 min
 Lab File: BG057749.D
 Acq: 17 Jun 2023 1:03

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Tgt Ion:264 Resp: 298457
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.3 25.9
 265 20.6 17.5 26.3

