

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
 Data File : BG061181.D
 Acq On : 13 May 2024 18:49
 Operator : MA/JU
 Sample : P2465-05 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SCRUBBER-LIQUID

Quant Time: May 14 01:19:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

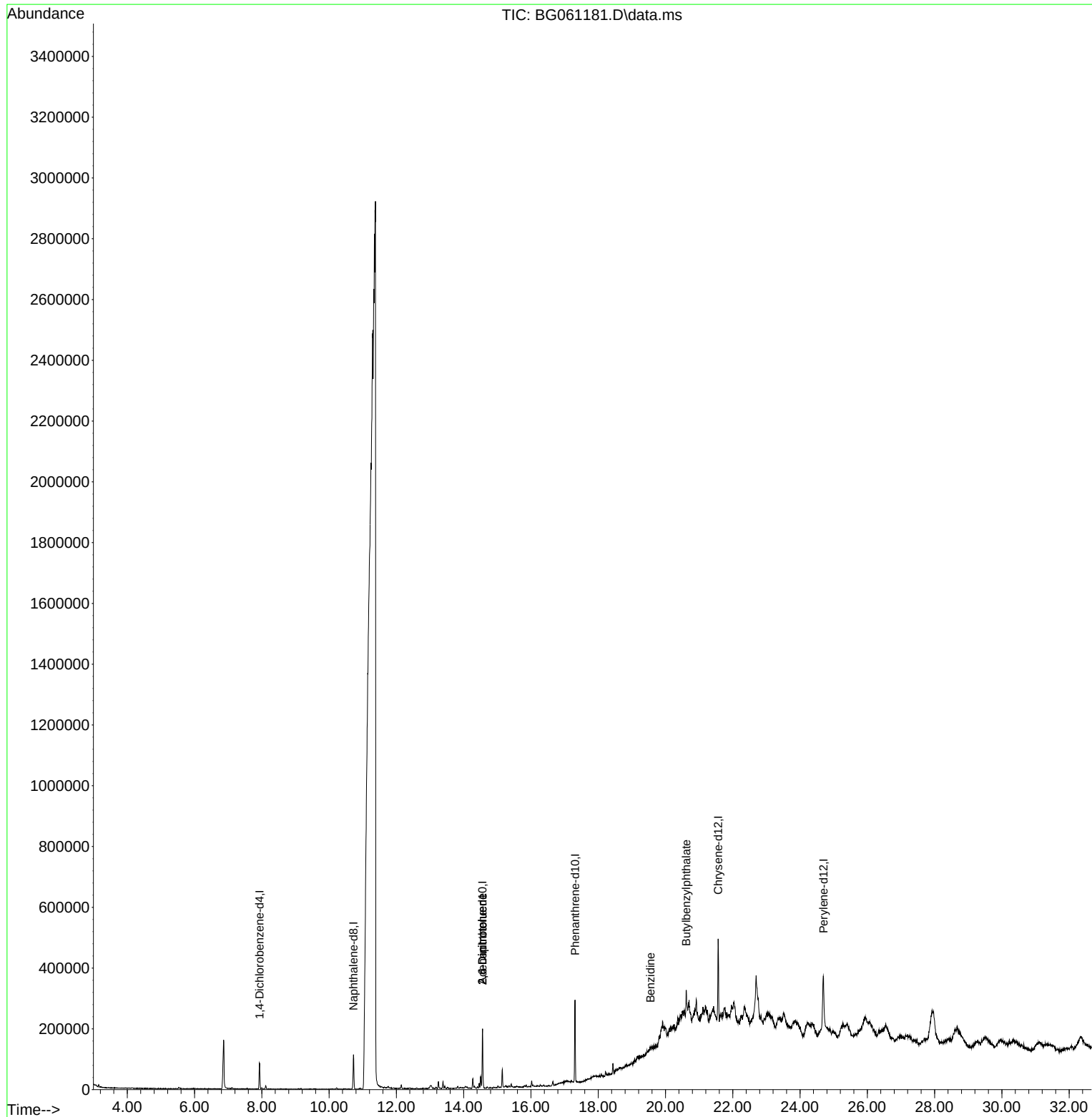
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	21975	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	84062	20.000	ng	-0.03
39) Acenaphthene-d10	14.562	164	71453	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	166545	20.000	ng	-0.02
76) Chrysene-d12	21.565	240	167546	20.000	ng	#-0.03
86) Perylene-d12	24.697	264	204324	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	960	0.888	ng	-0.02
7) Phenol-d6	7.118	99	1617	1.012	ng	-0.02
23) Nitrobenzene-d5	9.080	82	995	0.587	ng	-0.04
42) 2,4,6-Tribromophenol	16.066	330	1067	0.747	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2639	0.546	ng	-0.03
79) Terphenyl-d14	19.926	244	5584	0.554	ng	-0.03
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.562	165	8919	7.555	ng	# 17
57) 2,4-Dinitrotoluene	14.562	165	8919	5.107	ng	# 18
77) Benzidine	19.556	184	70	2.816	ng	# 1
80) Butylbenzylphthalate	20.614	149	23228	6.889	ng	92

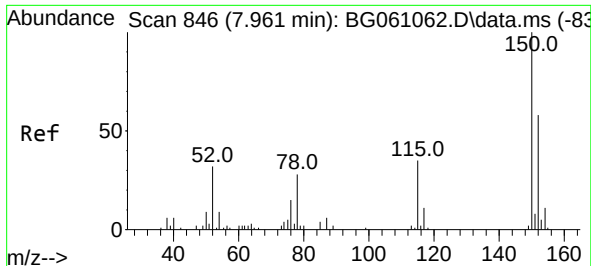
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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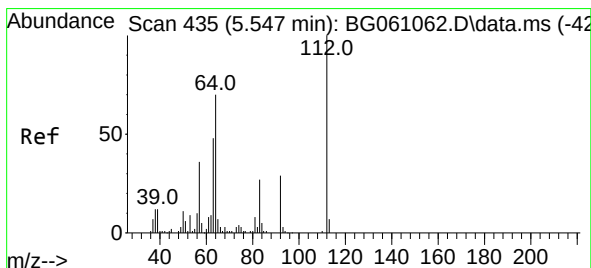
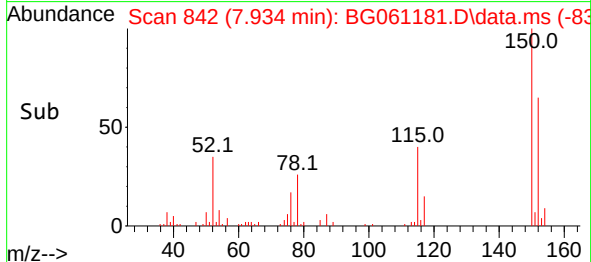
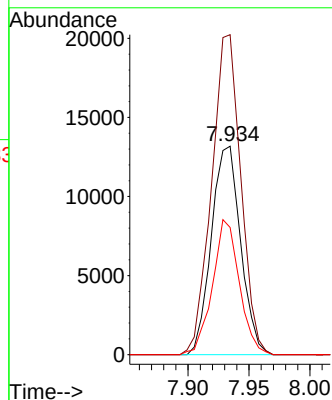
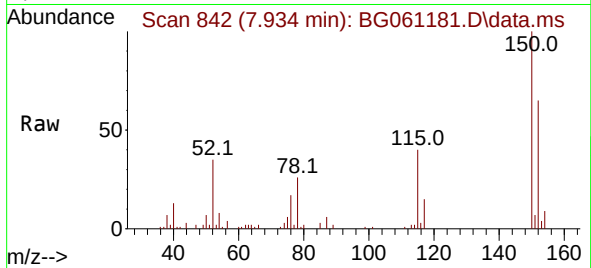




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 846
Delta R.T. -0.027 min
Lab File: BG061181.D
Acq: 13 May 2024 18:49

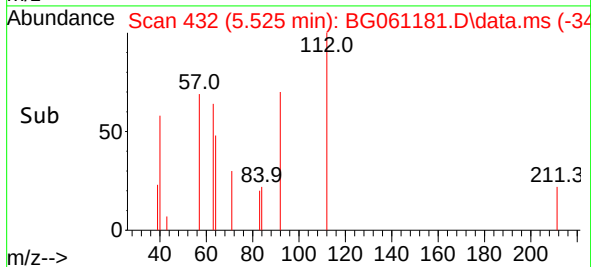
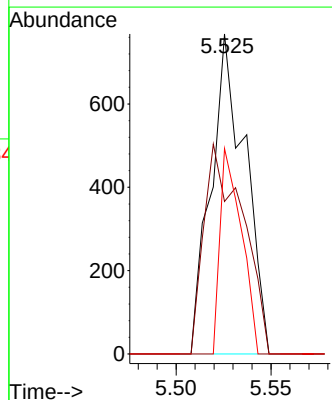
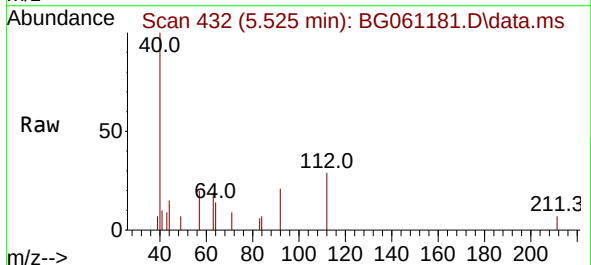
Instrument :
BNA_G
ClientSampleId :
SCRUBBER-LIQUID

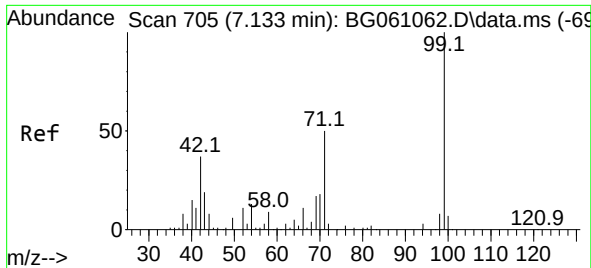
Tgt Ion:152 Resp: 21975
Ion Ratio Lower Upper
152 100
150 153.5 138.3 207.5
115 61.0 48.0 72.0



#5
2-Fluorophenol
Concen: 0.888 ng
RT: 5.525 min Scan# 432
Delta R.T. -0.021 min
Lab File: BG061181.D
Acq: 13 May 2024 18:49

Tgt Ion:112 Resp: 960
Ion Ratio Lower Upper
112 100
64 47.7 55.7 83.5#
63 64.2 38.1 57.1#

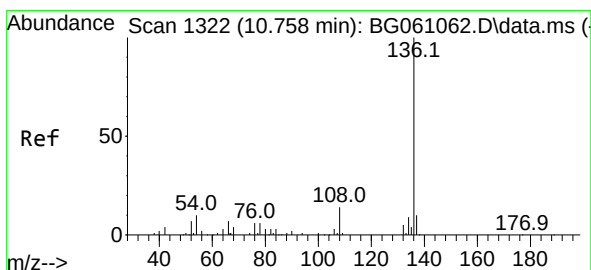
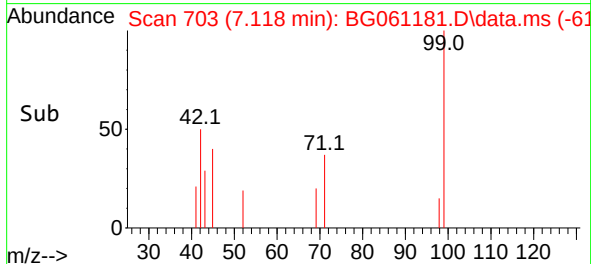
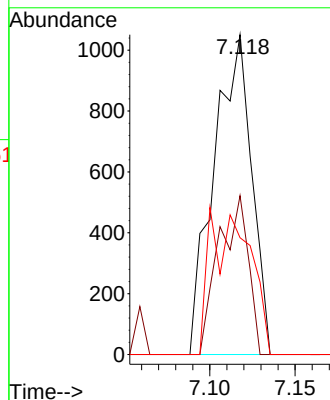
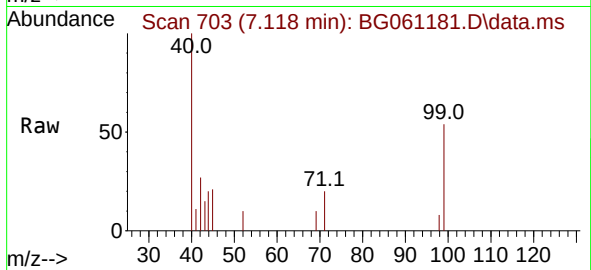




#7
Phenol-d6
Concen: 1.012 ng
RT: 7.118 min Scan# 705
Delta R.T. -0.015 min
Lab File: BG061181.D
Acq: 13 May 2024 18:49

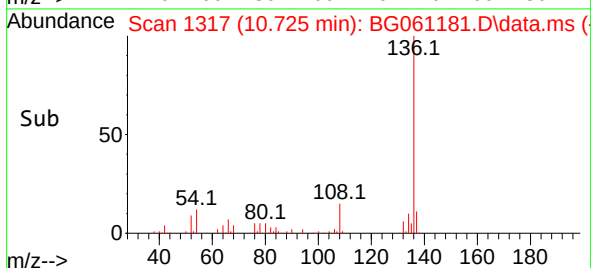
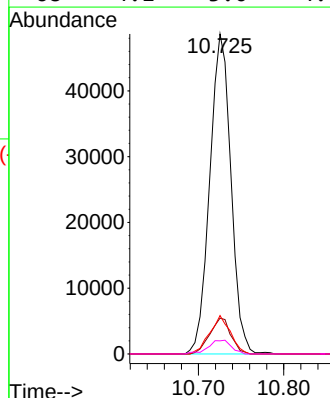
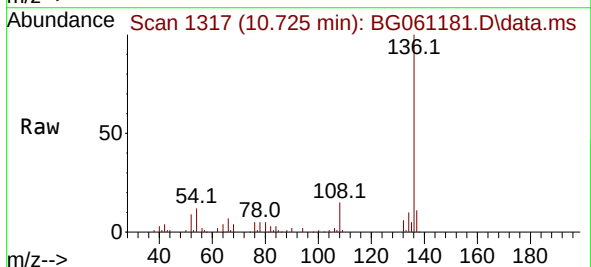
Instrument :
BNA_G
ClientSampleId :
SCRUBBER-LIQUID

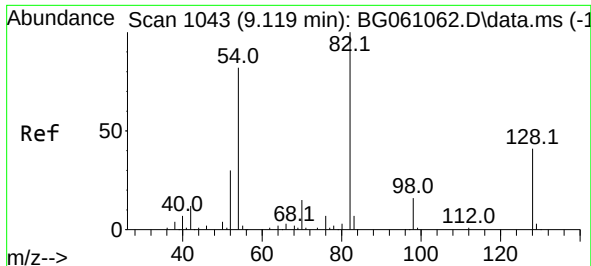
Tgt Ion: 99 Resp: 1617
Ion Ratio Lower Upper
99 100
42 49.7 29.2 43.8#
71 36.5 39.7 59.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1317
Delta R.T. -0.033 min
Lab File: BG061181.D
Acq: 13 May 2024 18:49

Tgt Ion:136 Resp: 84062
Ion Ratio Lower Upper
136 100
137 11.2 7.8 11.6
54 12.0 8.1 12.1
68 4.1 3.0 4.4





#23

Nitrobenzene-d5

Concen: 0.587 ng

RT: 9.080 min Scan# 1043

Delta R.T. -0.039 min

Lab File: BG061181.D

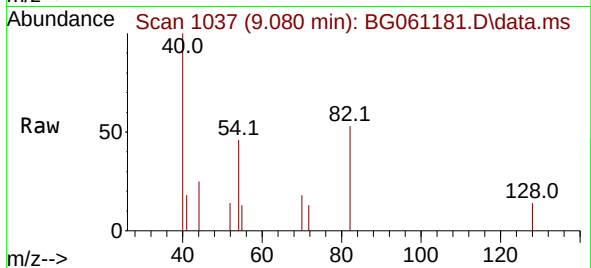
Acq: 13 May 2024 18:49

Instrument :

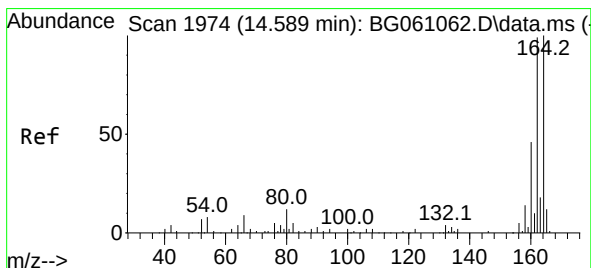
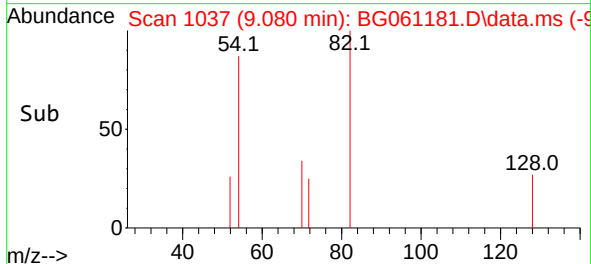
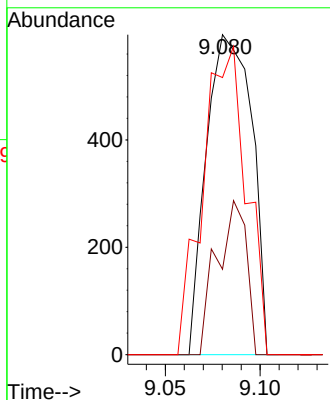
BNA_G

ClientSampleId :

SCRUBBER-LIQUID



Tgt Ion:	82	Resp:	995
Ion Ratio	Lower	Upper	
82	100		
128	26.7	32.7	49.1#
54	86.6	65.6	98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

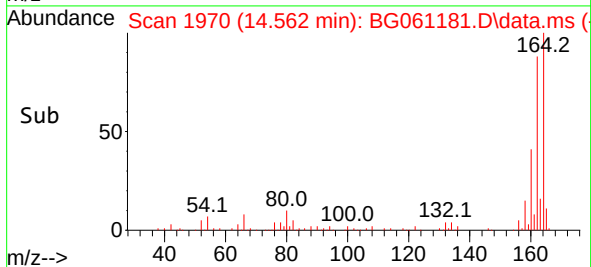
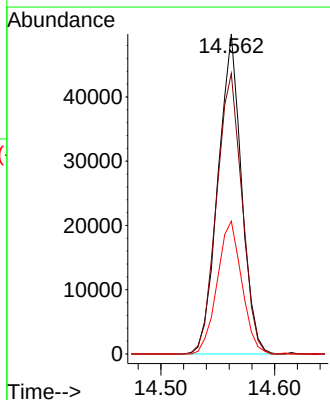
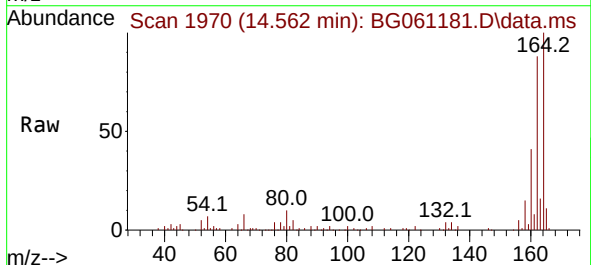
RT: 14.562 min Scan# 1970

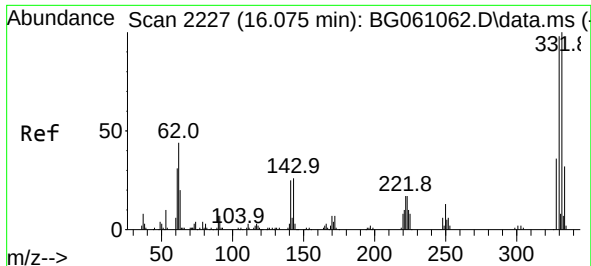
Delta R.T. -0.027 min

Lab File: BG061181.D

Acq: 13 May 2024 18:49

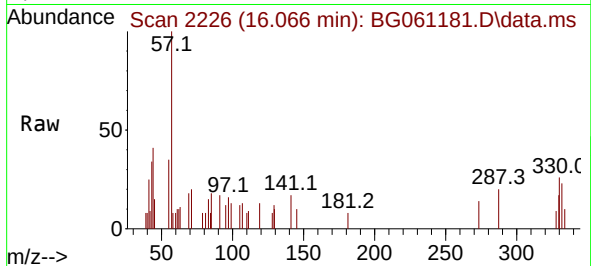
Tgt Ion:	164	Resp:	71453
Ion Ratio	Lower	Upper	
164	100		
162	87.6	79.4	119.2
160	41.5	37.0	55.6



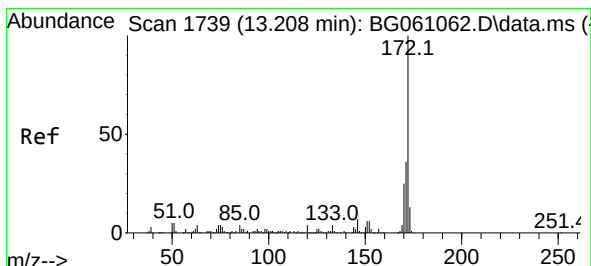
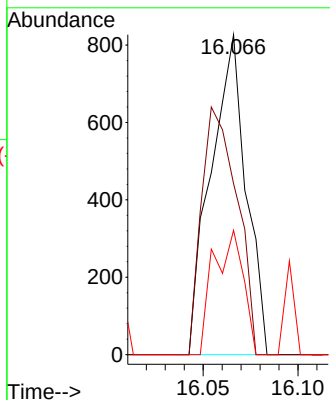
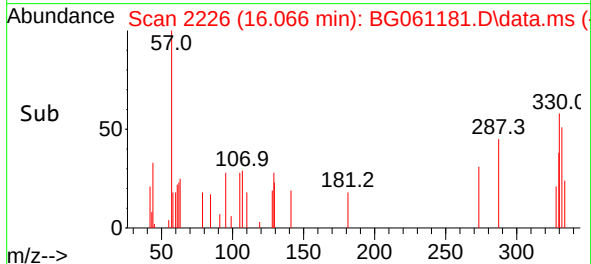


#42
2,4,6-Tribromophenol
Concen: 0.747 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG061181.D
Acq: 13 May 2024 18:49

Instrument :
BNA_G
ClientSampleId :
SCRUBBER-LIQUID

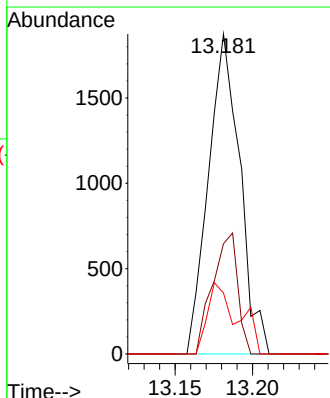
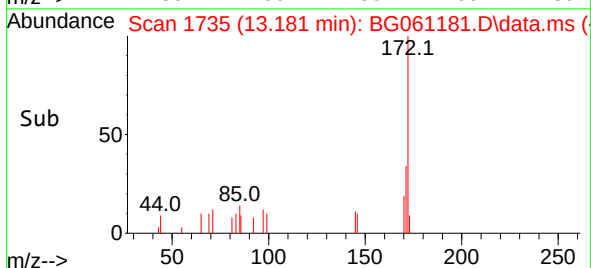
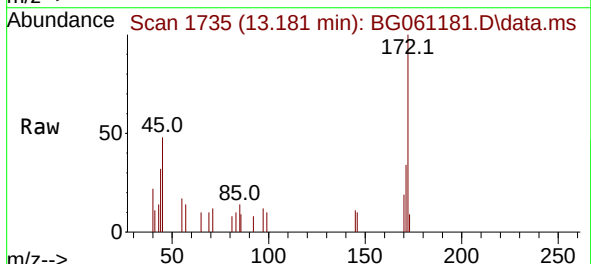


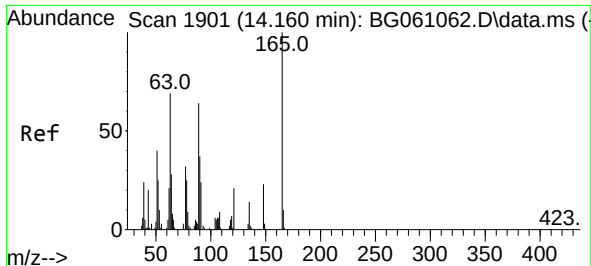
Tgt Ion:330 Resp: 1067
Ion Ratio Lower Upper
330 100
332 78.0 78.6 117.8#
141 32.8 20.5 30.7#



#45
2-Fluorobiphenyl
Concen: 0.546 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061181.D
Acq: 13 May 2024 18:49

Tgt Ion:172 Resp: 2639
Ion Ratio Lower Upper
172 100
171 34.5 29.0 43.6
170 19.0 20.2 30.4#

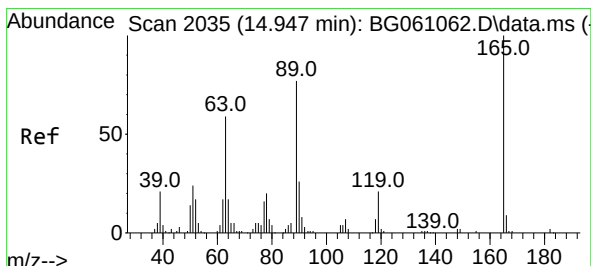
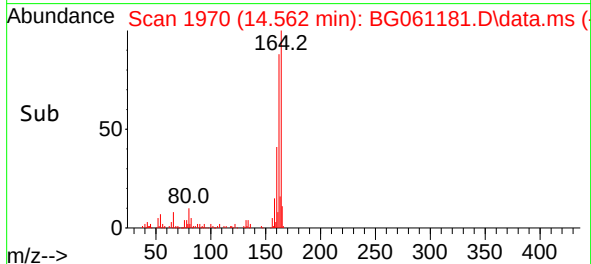
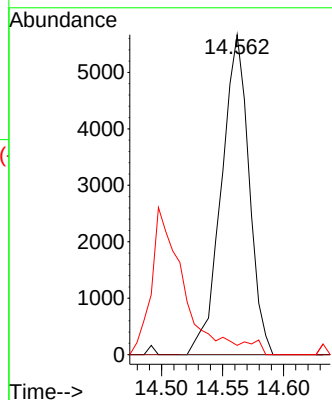
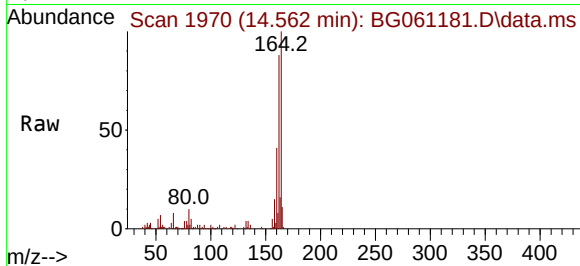




#51
2,6-Dinitrotoluene
Concen: 7.555 ng
RT: 14.562 min Scan# 1901
Delta R.T. 0.402 min
Lab File: BG061181.D
Acq: 13 May 2024 18:49

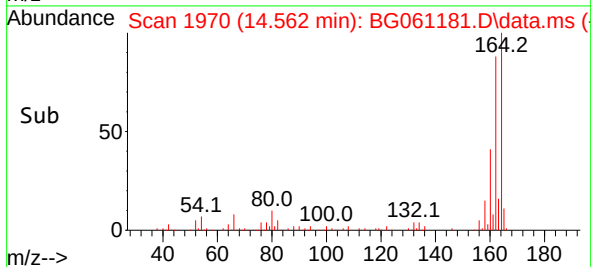
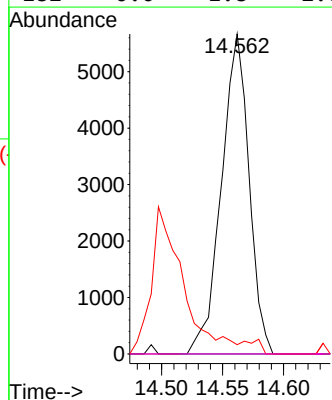
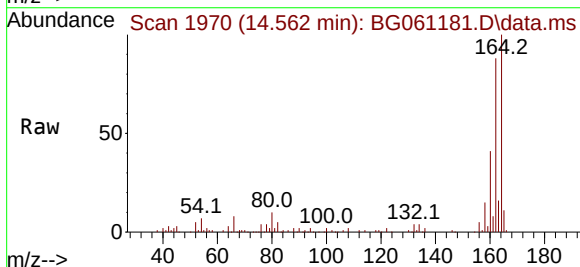
Instrument :
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ClientSampleId :
SCRUBBER-LIQUID

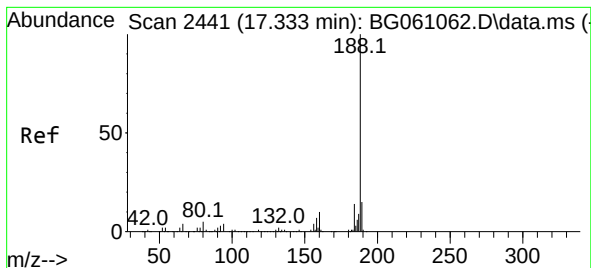
Tgt Ion:165 Resp: 8919
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 2.9 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.107 ng
RT: 14.562 min Scan# 1970
Delta R.T. -0.385 min
Lab File: BG061181.D
Acq: 13 May 2024 18:49

Tgt Ion:165 Resp: 8919
Ion Ratio Lower Upper
165 100
63 0.0 47.3 70.9#
89 2.9 61.8 92.8#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2441

Delta R.T. -0.021 min

Lab File: BG061181.D

Acq: 13 May 2024 18:49

Instrument :

BNA_G

ClientSampleId :

SCRUBBER-LIQUID

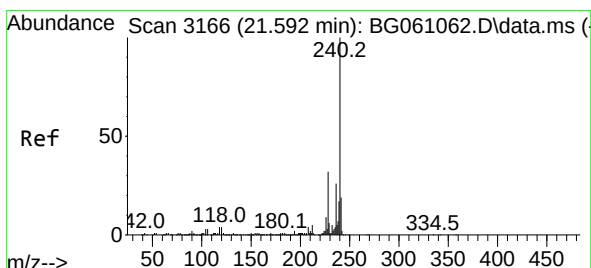
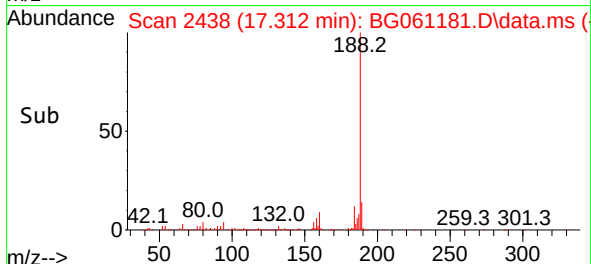
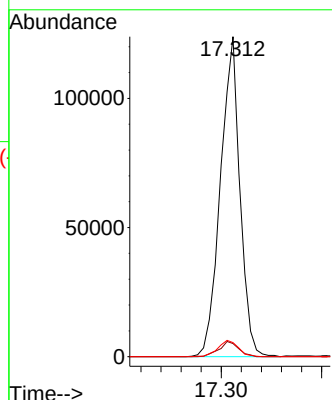
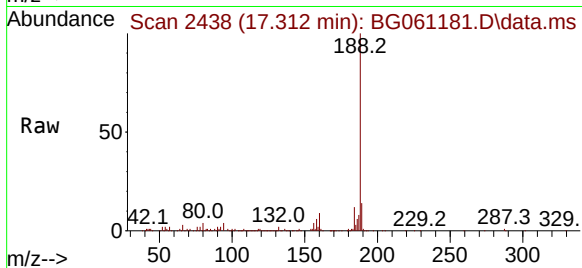
Tgt Ion:188 Resp: 166545

Ion Ratio Lower Upper

188 100

94 4.1 3.6 5.4

80 4.4 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.565 min Scan# 3162

Delta R.T. -0.027 min

Lab File: BG061181.D

Acq: 13 May 2024 18:49

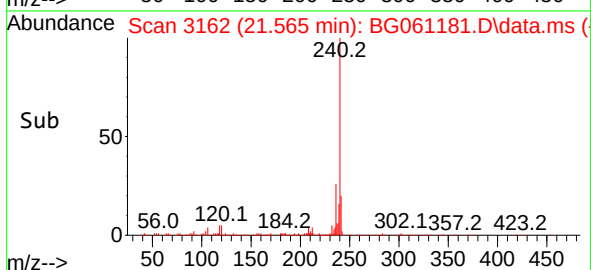
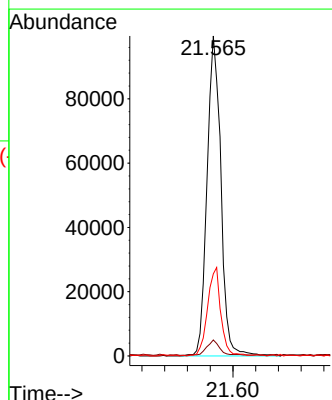
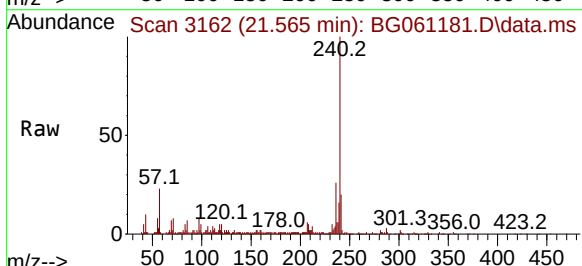
Tgt Ion:240 Resp: 167546

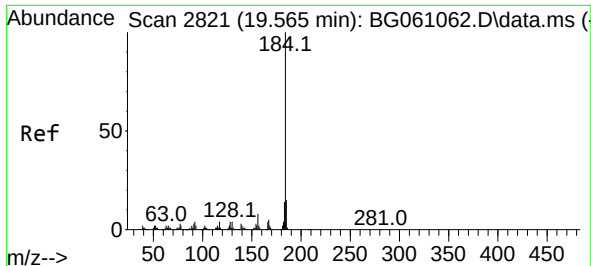
Ion Ratio Lower Upper

240 100

120 5.0 3.2 4.8#

236 25.7 21.0 31.6

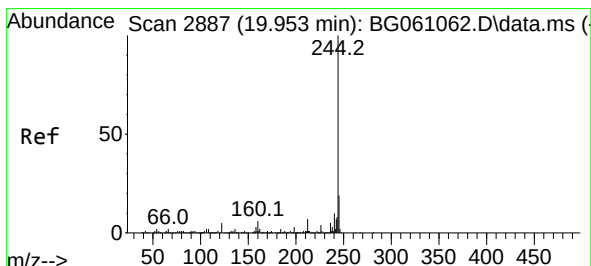
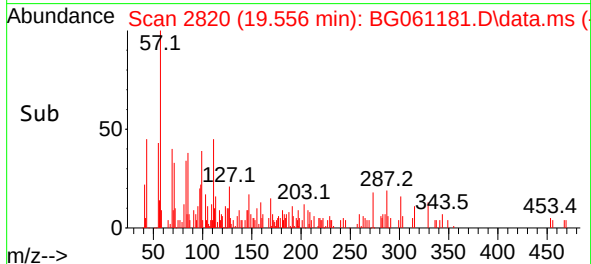
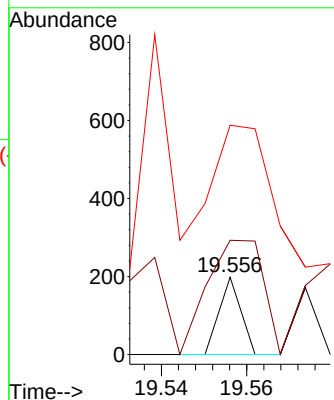
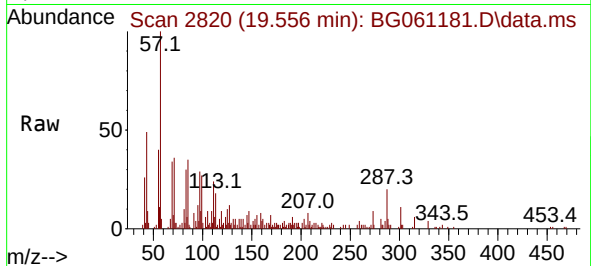




#77
Benzidine
Concen: 2.816 ng
RT: 19.556 min Scan# 2821
Delta R.T. -0.009 min
Lab File: BG061181.D
Acq: 13 May 2024 18:49

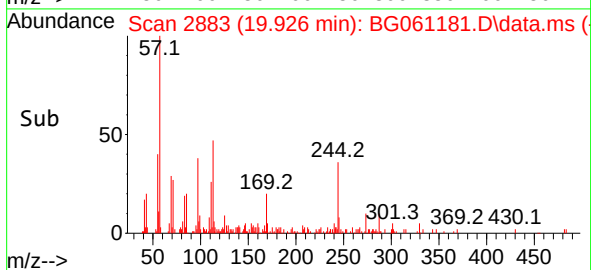
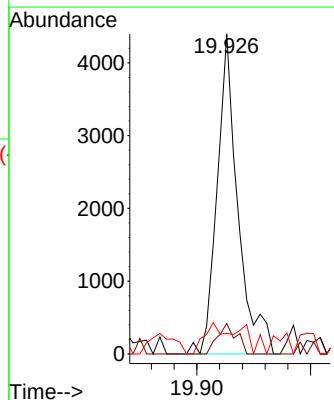
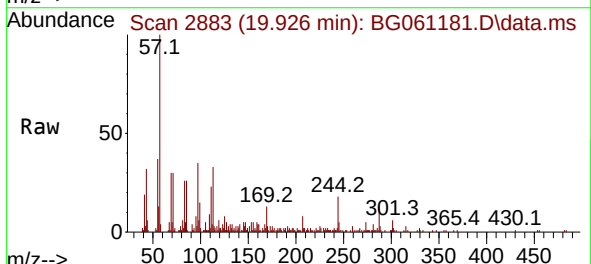
Instrument :
BNA_G
ClientSampleId :
SCRUBBER-LIQUID

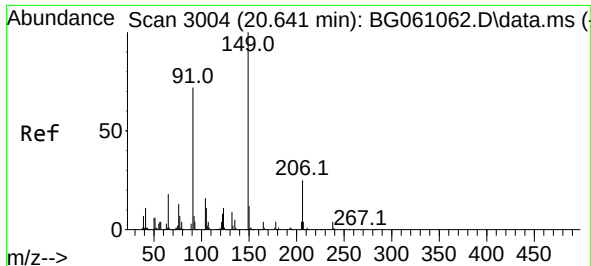
Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
185 148.0 12.0 18.0#
183 297.0 10.9 16.3#



#79
Terphenyl-d14
Concen: 0.554 ng
RT: 19.926 min Scan# 2883
Delta R.T. -0.027 min
Lab File: BG061181.D
Acq: 13 May 2024 18:49

Tgt Ion:244 Resp: 5584
Ion Ratio Lower Upper
244 100
212 9.5 5.7 8.5#
122 6.4 4.2 6.2#

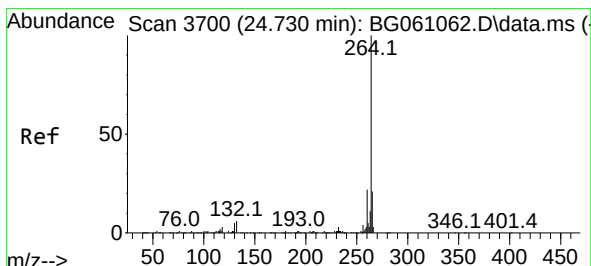
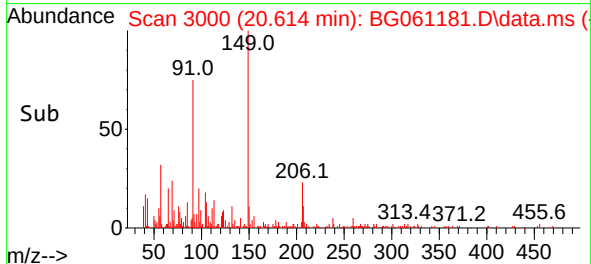
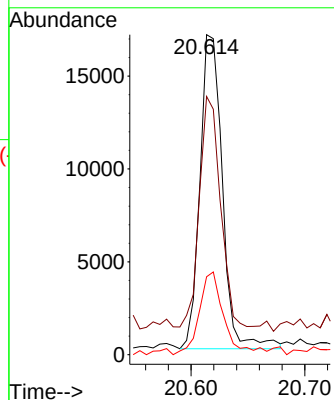
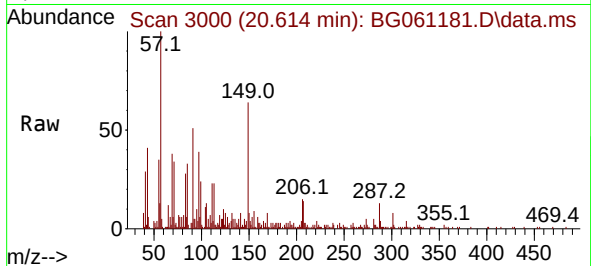




#80
Butylbenzylphthalate
Concen: 6.889 ng
RT: 20.614 min Scan# 3004
Delta R.T. -0.027 min
Lab File: BG061181.D
Acq: 13 May 2024 18:49

Instrument :
BNA_G
ClientSampleId :
SCRUBBER-LIQUID

Tgt Ion:149 Resp: 23228
Ion Ratio Lower Upper
149 100
91 80.7 57.4 86.2
206 24.4 19.8 29.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.697 min Scan# 3695
Delta R.T. -0.033 min
Lab File: BG061181.D
Acq: 13 May 2024 18:49

Tgt Ion:264 Resp: 204324
Ion Ratio Lower Upper
264 100
260 22.9 17.7 26.5
265 19.0 16.4 24.6

