

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
 Data File : BG061180.D
 Acq On : 13 May 2024 18:08
 Operator : MA/JU
 Sample : P2454-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP25-06-20240510-WC

Quant Time: May 14 01:18:53 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	7.933	152	35032	20.000	ng	-0.03
21) Naphthalene-d8	10.724	136	109538	20.000	ng	#-0.03
39) Acenaphthene-d10	14.566	164	78856	20.000	ng	-0.02
64) Phenanthrene-d10	17.345	188	249225	20.000	ng	# 0.01
76) Chrysene-d12	21.629	240	204123	20.000	ng	# 0.04
86) Perylene-d12	24.760	264	189435	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.530	112	118406	68.739	ng	-0.02
7) Phenol-d6	7.110	99	101130	39.687	ng	-0.02
23) Nitrobenzene-d5	9.084	82	204794	92.681	ng	-0.03
42) 2,4,6-Tribromophenol	16.070	330	200929	127.477	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	494176	92.668	ng	-0.02
79) Terphenyl-d14	19.989	244	903528	73.617	ng	0.04

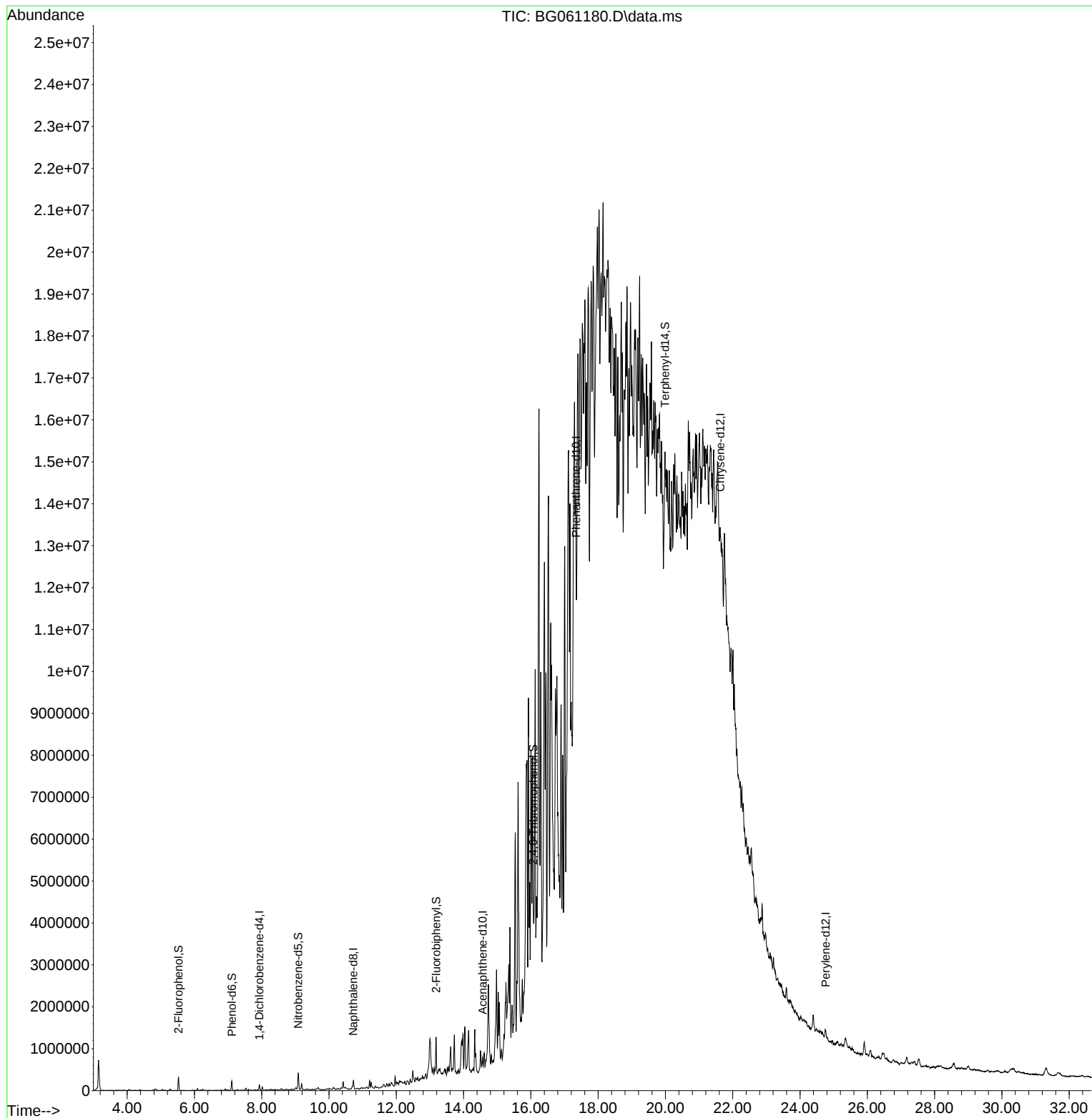
Target Compounds	Qvalue

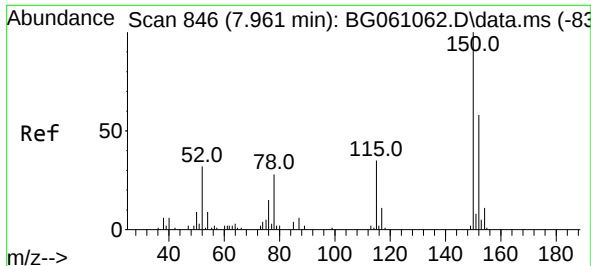
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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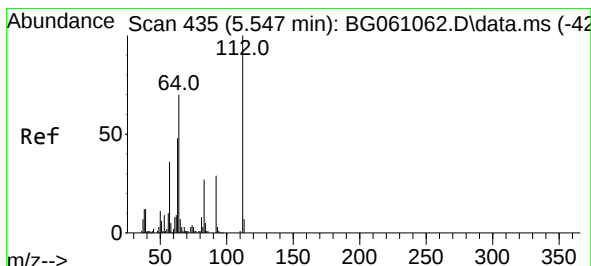
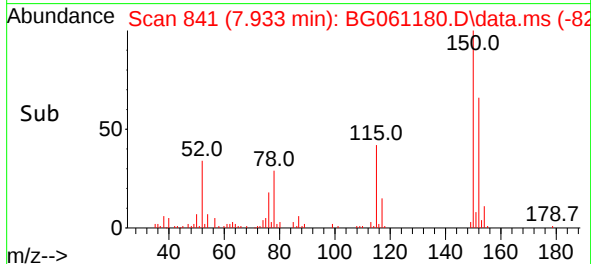
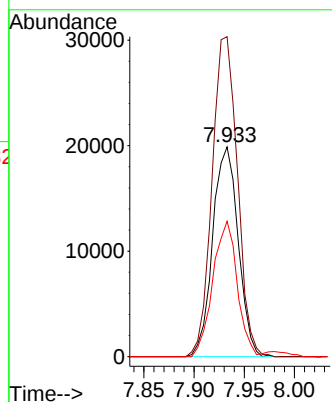
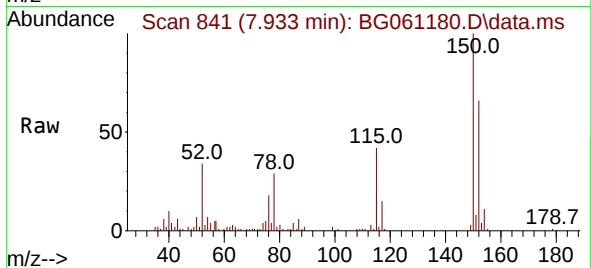




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.933 min Scan# 841
Delta R.T. -0.028 min
Lab File: BG061180.D
Acq: 13 May 2024 18:08

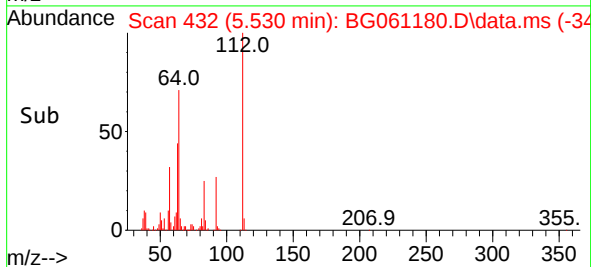
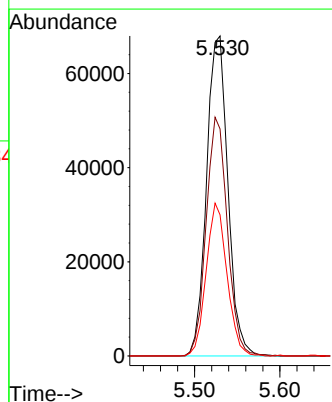
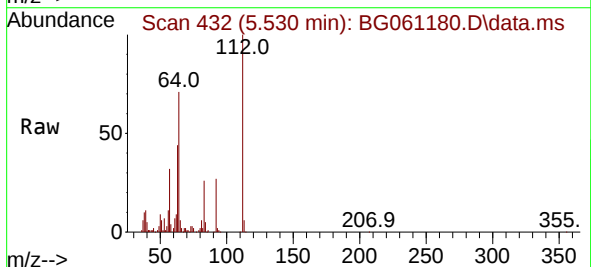
Instrument :
BNA_G
ClientSampleId :
SP25-06-20240510-WC

Tgt Ion:152 Resp: 35032
Ion Ratio Lower Upper
152 100
150 152.5 138.3 207.5
115 64.5 48.0 72.0



#5
2-Fluorophenol
Concen: 68.739 ng
RT: 5.530 min Scan# 432
Delta R.T. -0.017 min
Lab File: BG061180.D
Acq: 13 May 2024 18:08

Tgt Ion:112 Resp: 118406
Ion Ratio Lower Upper
112 100
64 70.9 55.7 83.5
63 44.1 38.1 57.1

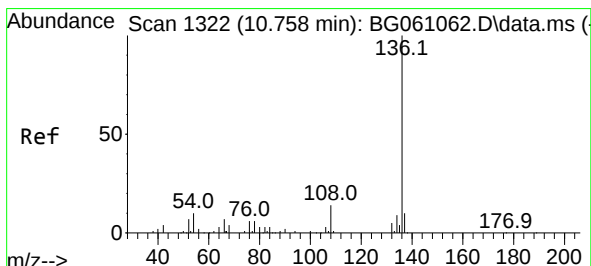
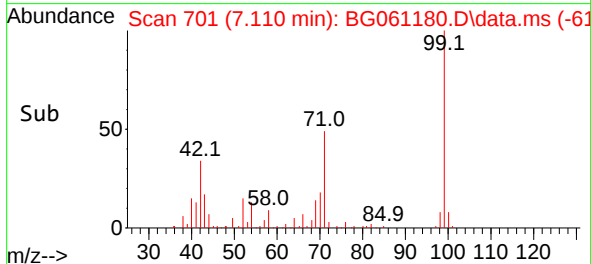
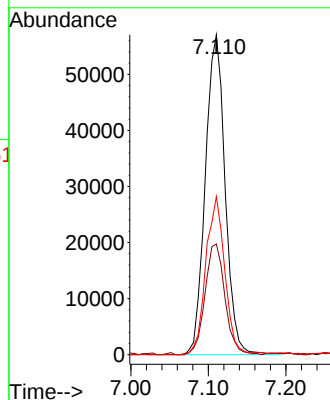
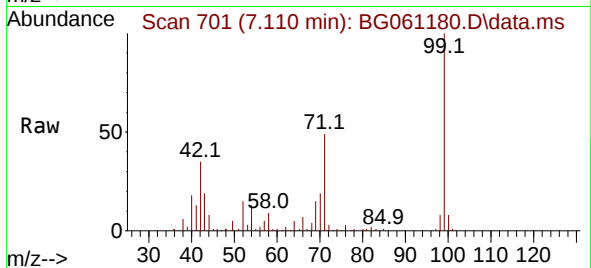




#7
Phenol-d6
Concen: 39.687 ng
RT: 7.110 min Scan# 705
Delta R.T. -0.023 min
Lab File: BG061180.D
Acq: 13 May 2024 18:08

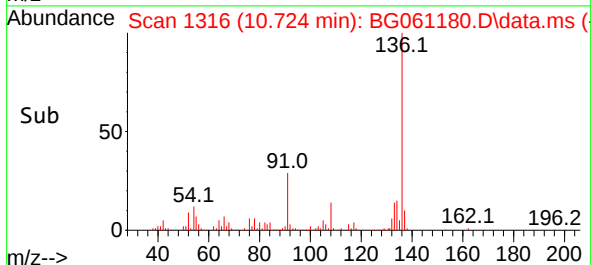
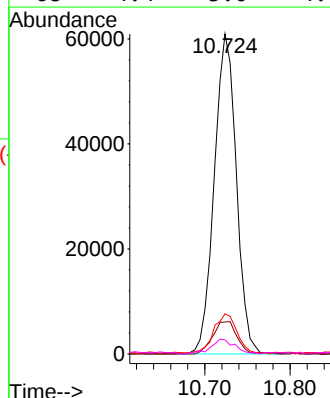
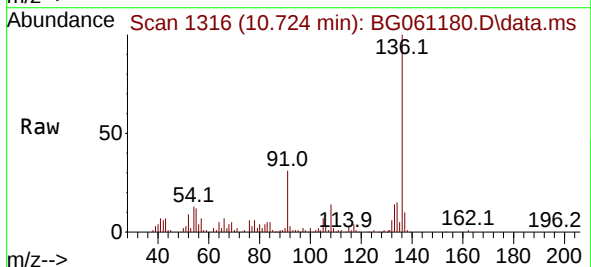
Instrument :
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ClientSampleId :
SP25-06-20240510-WC

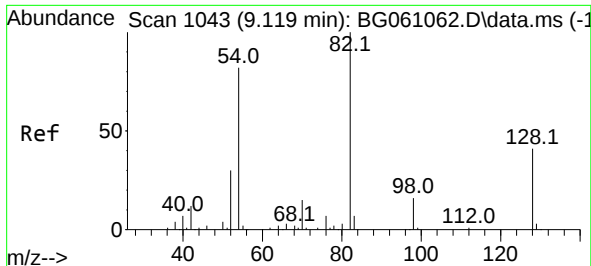
Tgt Ion: 99 Resp: 101130
Ion Ratio Lower Upper
99 100
42 34.6 29.2 43.8
71 49.4 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.724 min Scan# 1316
Delta R.T. -0.034 min
Lab File: BG061180.D
Acq: 13 May 2024 18:08

Tgt Ion:136 Resp: 109538
Ion Ratio Lower Upper
136 100
137 10.0 7.8 11.6
54 12.5 8.1 12.1#
68 4.4 3.0 4.4





#23

Nitrobenzene-d5

Concen: 92.681 ng

RT: 9.084 min Scan# 1043

Delta R.T. -0.034 min

Lab File: BG061180.D

Acq: 13 May 2024 18:08

Instrument :

BNA_G

ClientSampleId :

SP25-06-20240510-WC

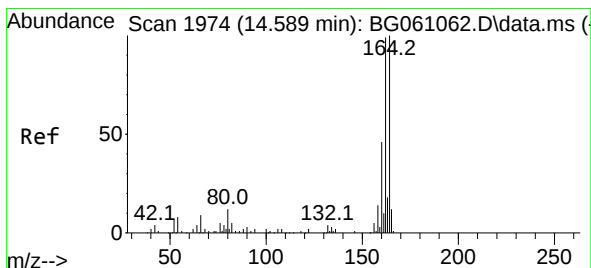
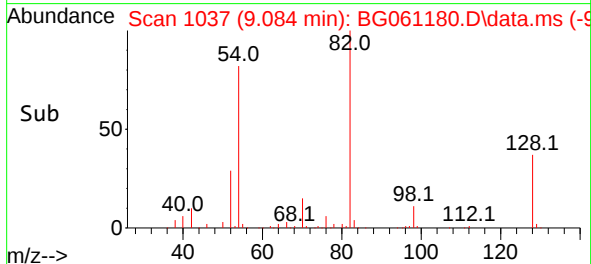
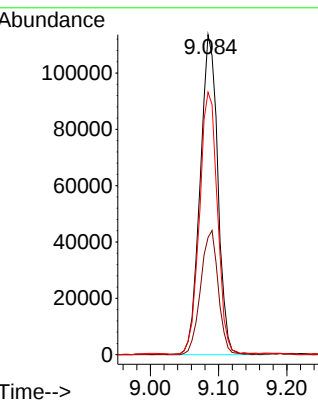
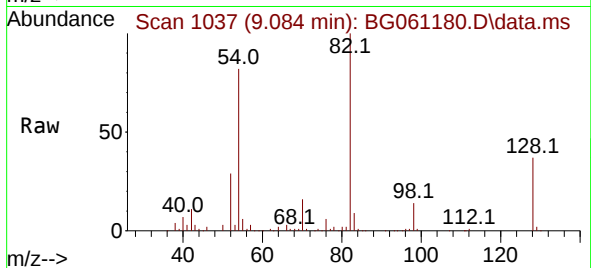
Tgt Ion: 82 Resp: 204794

Ion Ratio Lower Upper

82 100

128 36.6 32.7 49.1

54 82.0 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.566 min Scan# 1970

Delta R.T. -0.023 min

Lab File: BG061180.D

Acq: 13 May 2024 18:08

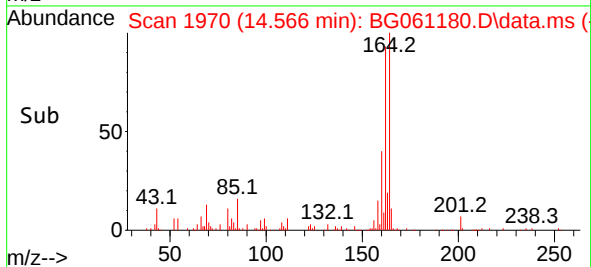
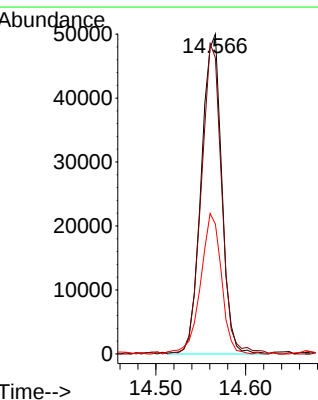
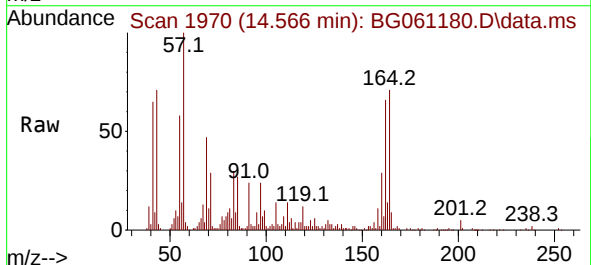
Tgt Ion:164 Resp: 78856

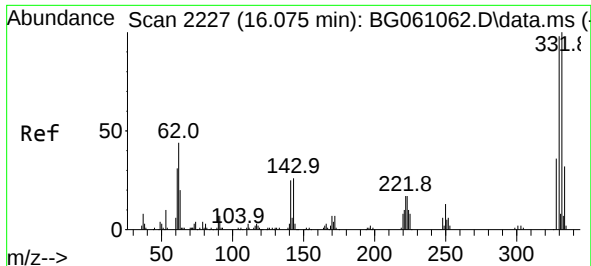
Ion Ratio Lower Upper

164 100

162 92.5 79.4 119.2

160 40.6 37.0 55.6

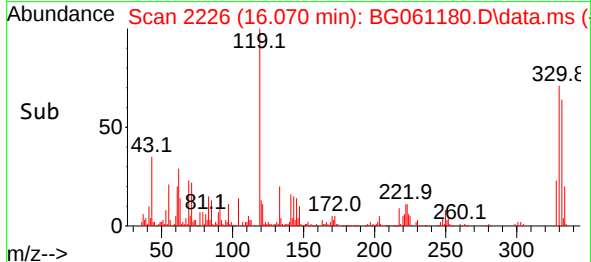
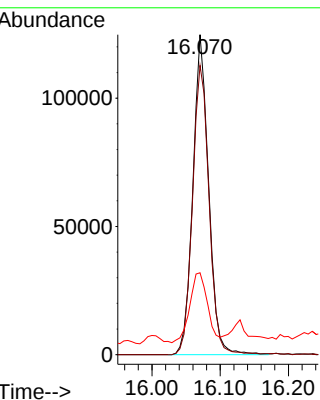
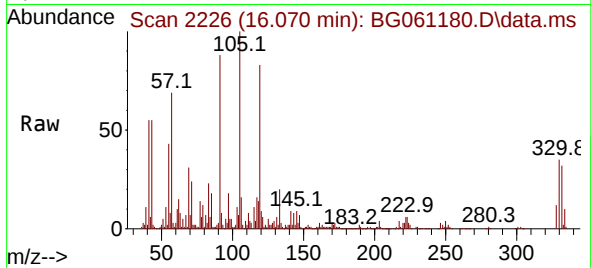




#42
2,4,6-Tribromophenol
Concen: 127.477 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG061180.D
Acq: 13 May 2024 18:08

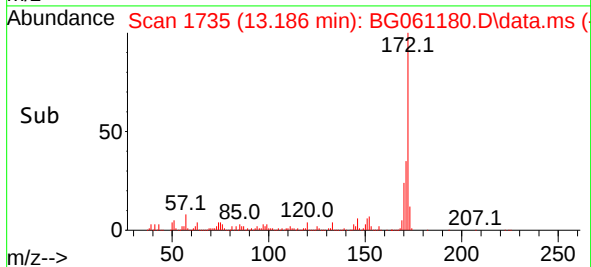
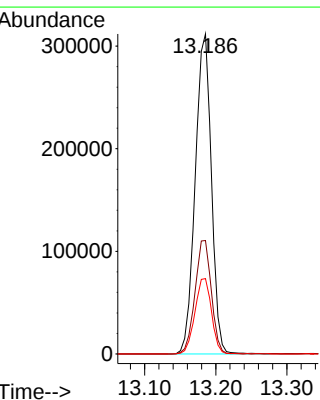
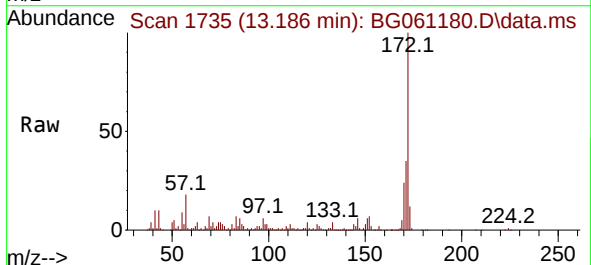
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SP25-06-20240510-WC

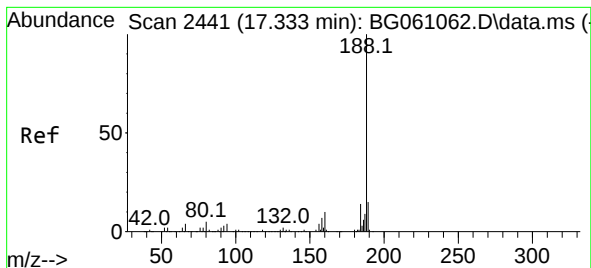
Tgt Ion:330 Resp: 200929
Ion Ratio Lower Upper
330 100
332 94.7 78.6 117.8
141 25.1 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 92.668 ng
RT: 13.186 min Scan# 1735
Delta R.T. -0.023 min
Lab File: BG061180.D
Acq: 13 May 2024 18:08

Tgt Ion:172 Resp: 494176
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.6 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.345 min Scan# 24

Delta R.T. 0.013 min

Lab File: BG061180.D

Acq: 13 May 2024 18:08

Instrument :

BNA_G

ClientSampleId :

SP25-06-20240510-WC

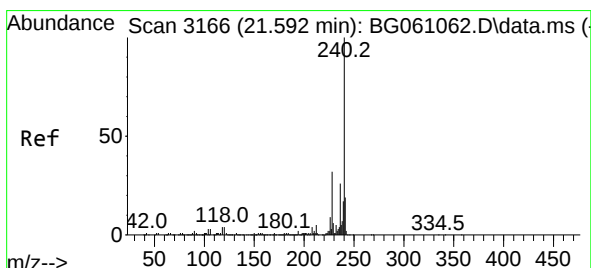
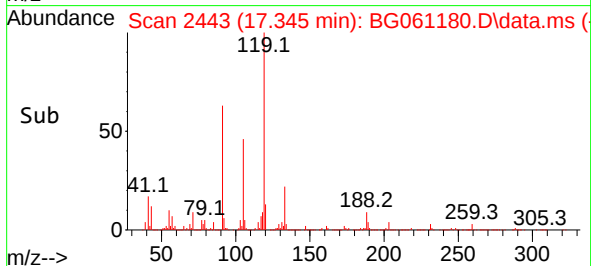
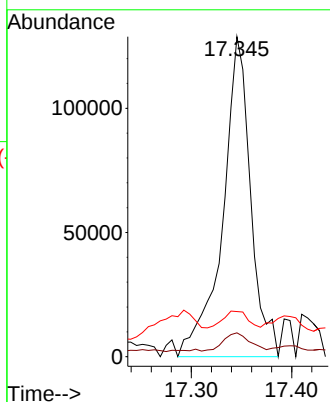
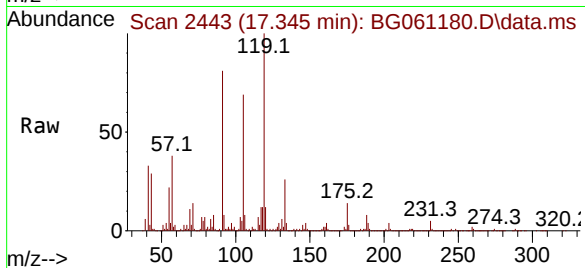
Tgt Ion:188 Resp: 249225

Ion Ratio Lower Upper

188 100

94 7.5 3.6 5.4#

80 14.1 4.2 6.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.629 min Scan# 3172

Delta R.T. 0.036 min

Lab File: BG061180.D

Acq: 13 May 2024 18:08

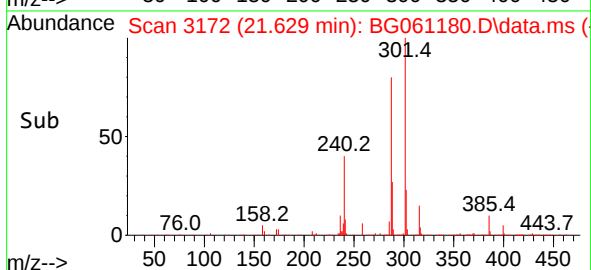
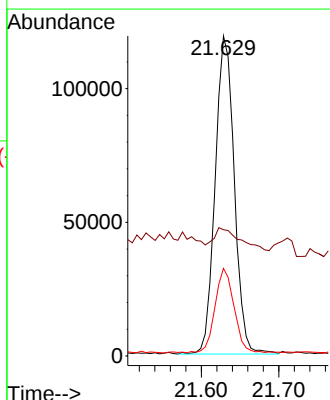
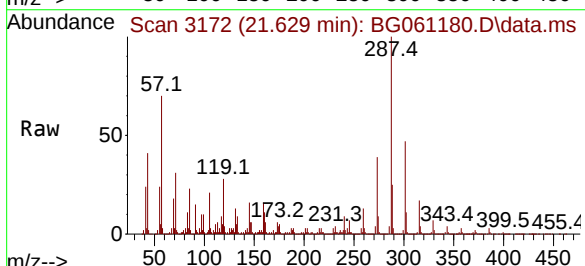
Tgt Ion:240 Resp: 204123

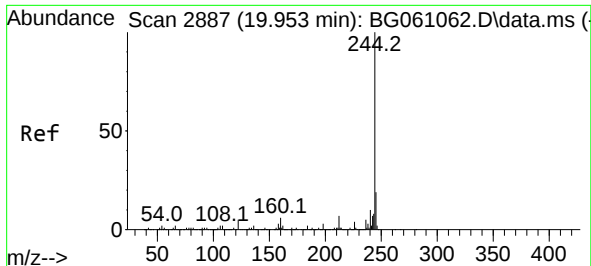
Ion Ratio Lower Upper

240 100

120 39.5 3.2 4.8#

236 27.3 21.0 31.6

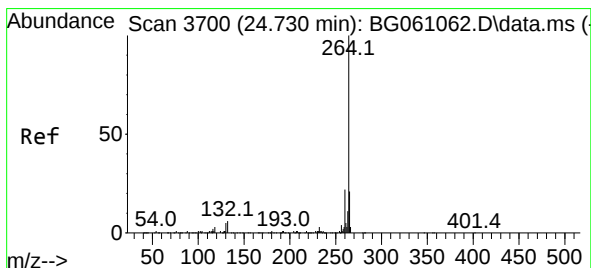
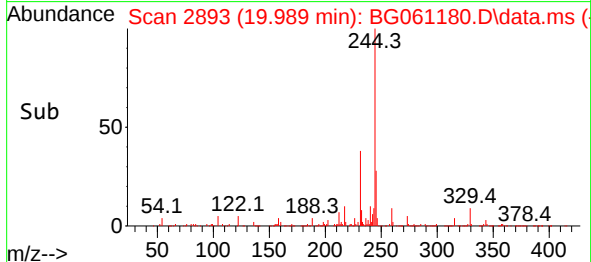
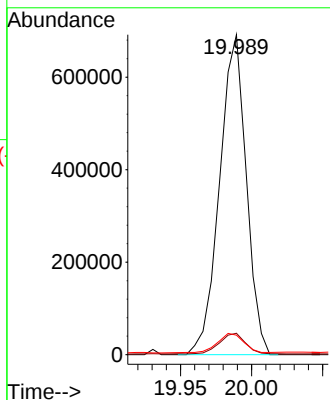
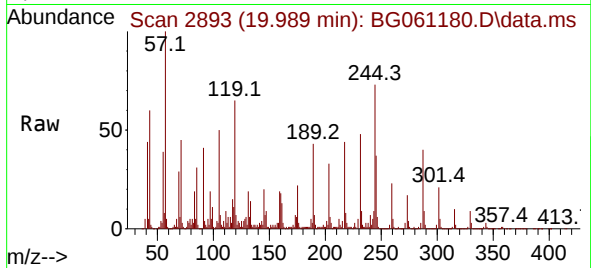




#79
 Terphenyl-d14
 Concen: 73.617 ng
 RT: 19.989 min Scan# 21
 Delta R.T. 0.036 min
 Lab File: BG061180.D
 Acq: 13 May 2024 18:08

Instrument :
 BNA_G
 ClientSampleId :
 SP25-06-20240510-WC

Tgt Ion:244 Resp: 903528
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 6.1 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.760 min Scan# 3705
 Delta R.T. 0.030 min
 Lab File: BG061180.D
 Acq: 13 May 2024 18:08

Tgt Ion:264 Resp: 189435
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.7 26.5
 265 23.1 16.4 24.6

