

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061219.D
 Acq On : 16 May 2024 13:55
 Operator : MA/JU
 Sample : P2454-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: May 16 14:34:05 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	7.926	152	23446	20.000	ng	-0.03
21) Naphthalene-d8	10.723	136	88638	20.000	ng	#-0.03
39) Acenaphthene-d10	14.554	164	67679	20.000	ng	-0.03
64) Phenanthrene-d10	17.304	188	165115	20.000	ng	-0.03
76) Chrysene-d12	21.563	240	168148	20.000	ng	#-0.03
86) Perylene-d12	24.683	264	201209	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	149764	129.907	ng	-0.02
7) Phenol-d6	7.110	99	173991	102.021	ng	-0.02
23) Nitrobenzene-d5	9.084	82	165465	92.539	ng	-0.03
42) 2,4,6-Tribromophenol	16.052	330	188430	139.290	ng	-0.02
45) 2-Fluorobiphenyl	13.179	172	435689	95.193	ng	-0.03
79) Terphenyl-d14	19.924	244	901032	89.121	ng	-0.03

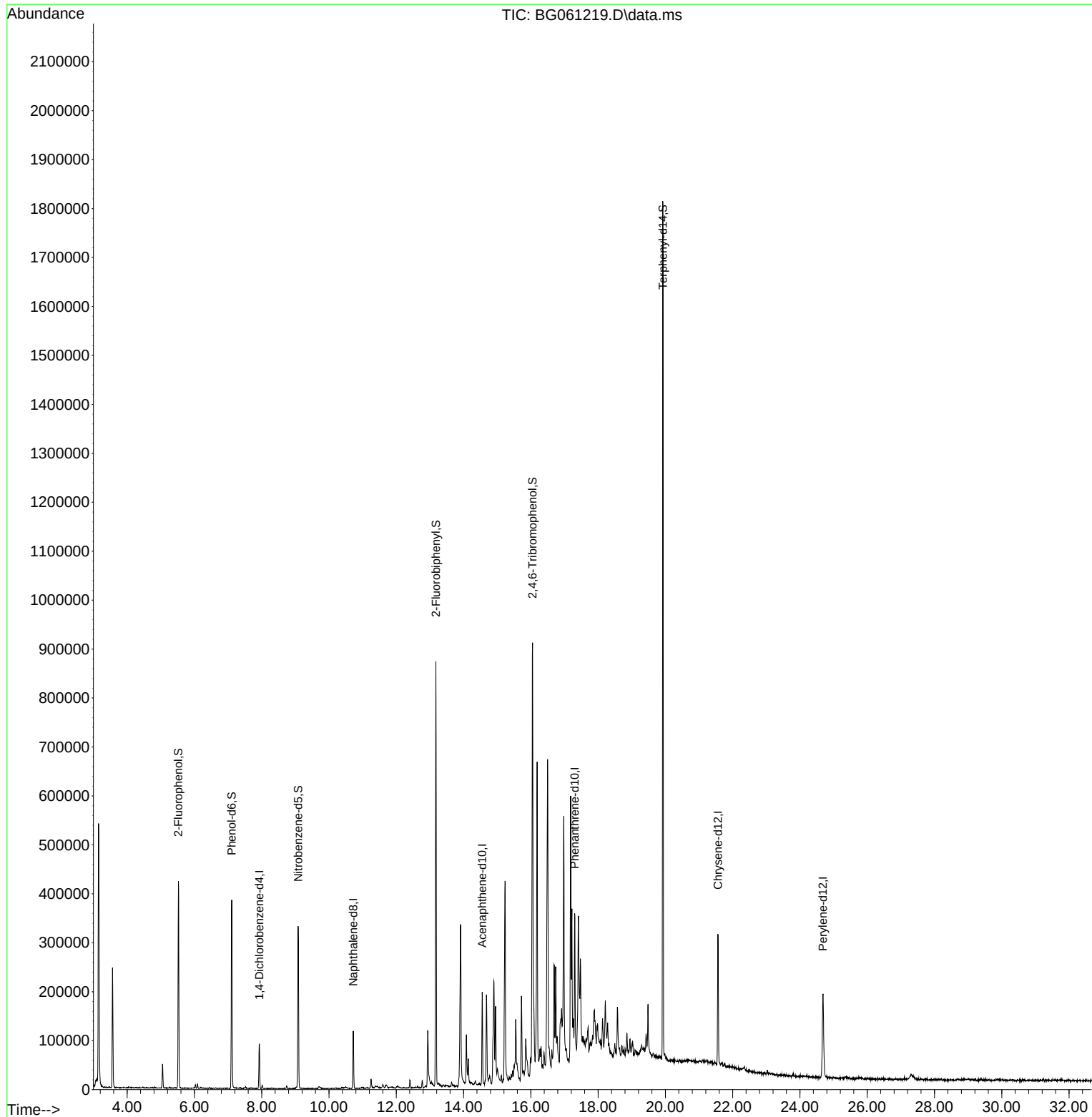
Target Compounds	Qvalue

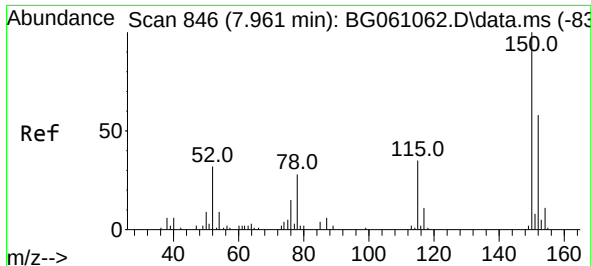
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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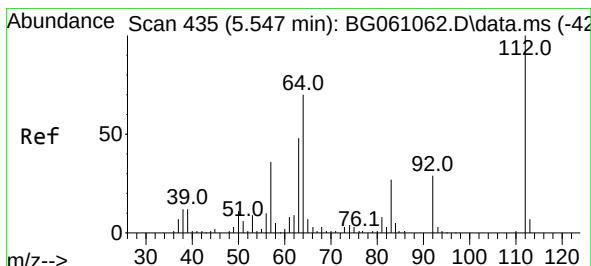
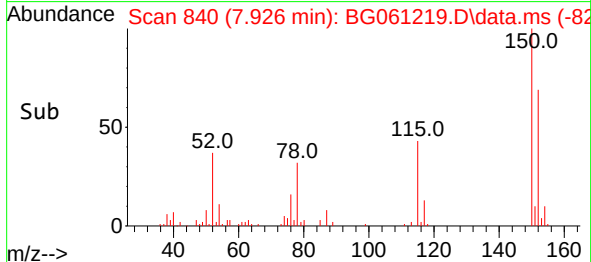
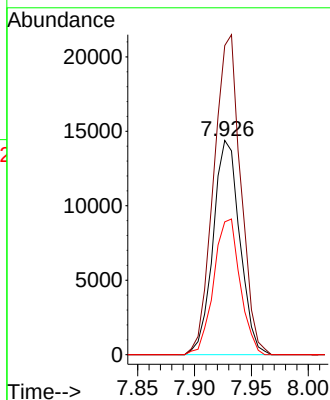
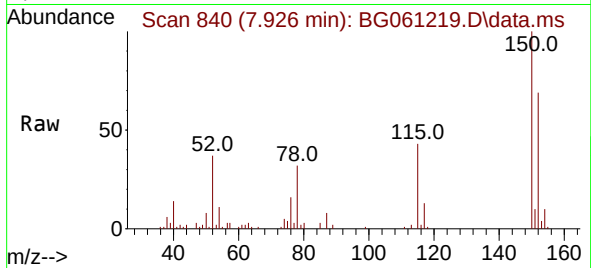




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 846
Delta R.T. -0.035 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

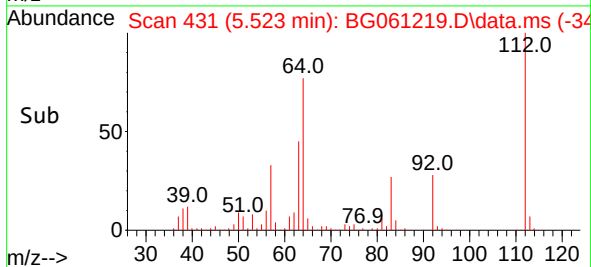
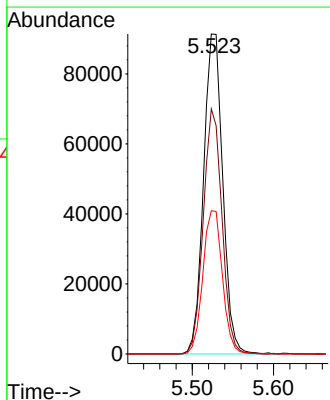
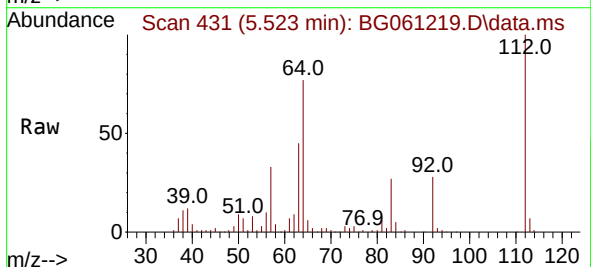
Instrument :
BNA_G
ClientSampleId :
SP25-06-20240510-WC

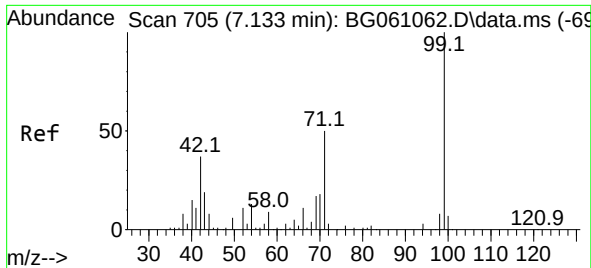
Tgt Ion:152 Resp: 23446
Ion Ratio Lower Upper
152 100
150 144.3 138.3 207.5
115 62.0 48.0 72.0



#5
2-Fluorophenol
Concen: 129.907 ng
RT: 5.523 min Scan# 431
Delta R.T. -0.023 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

Tgt Ion:112 Resp: 149764
Ion Ratio Lower Upper
112 100
64 76.6 55.7 83.5
63 44.8 38.1 57.1

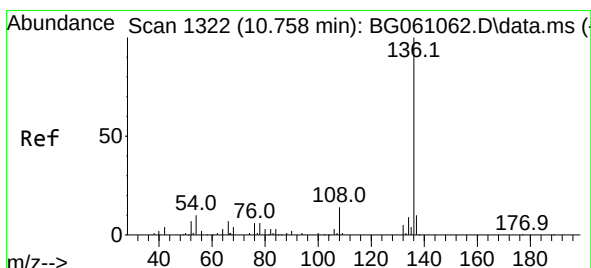
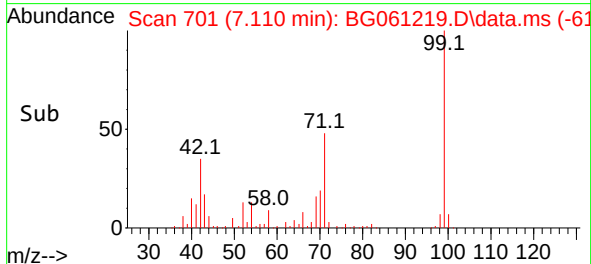
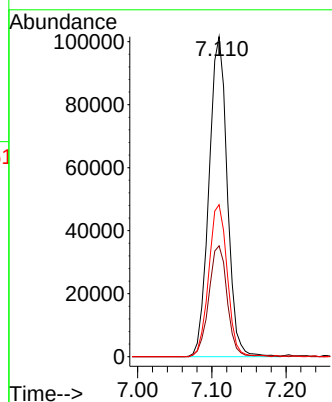
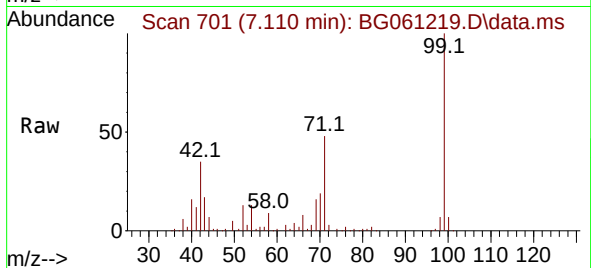




#7
Phenol-d6
Concen: 102.021 ng
RT: 7.110 min Scan# 705
Delta R.T. -0.023 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

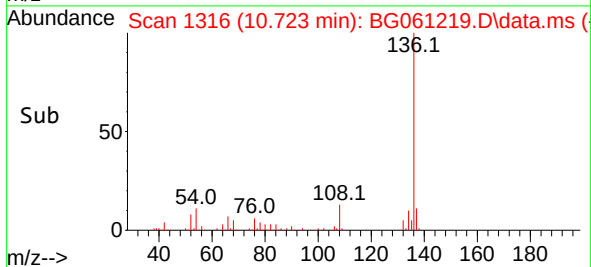
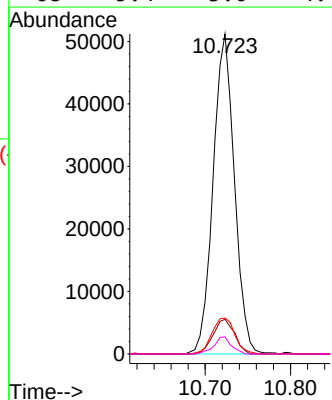
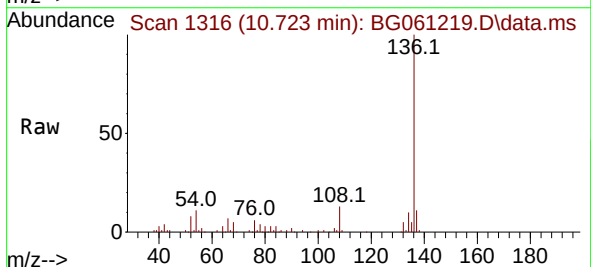
Instrument :
BNA_G
ClientSampleId :
SP25-06-20240510-WC

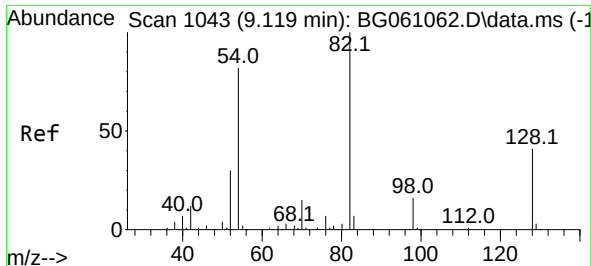
Tgt Ion: 99 Resp: 173991
Ion Ratio Lower Upper
99 100
42 34.6 29.2 43.8
71 47.5 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1316
Delta R.T. -0.035 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

Tgt Ion:136 Resp: 88638
Ion Ratio Lower Upper
136 100
137 10.9 7.8 11.6
54 11.2 8.1 12.1
68 5.4 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 92.539 ng

RT: 9.084 min Scan# 1043

Delta R.T. -0.035 min

Lab File: BG061219.D

Acq: 16 May 2024 13:55

Instrument :

BNA_G

ClientSampleId :

SP25-06-20240510-WC

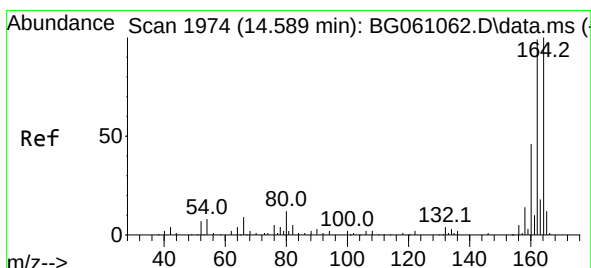
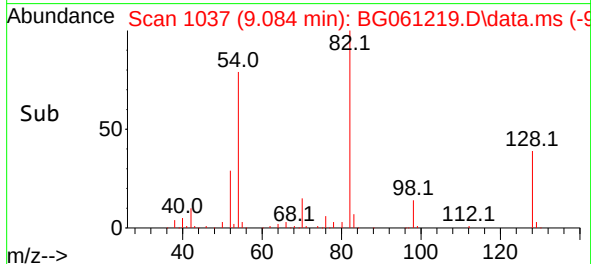
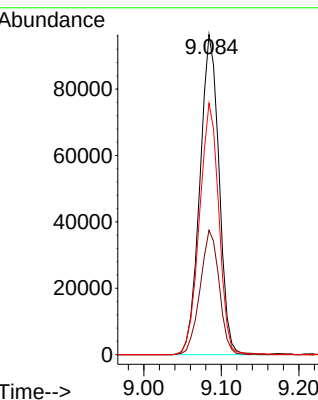
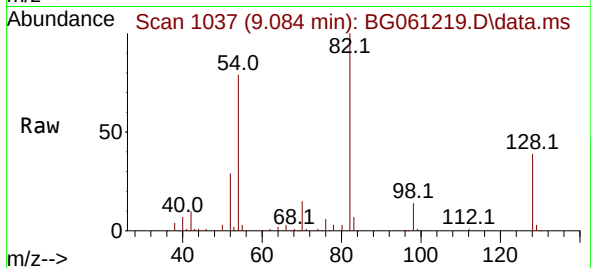
Tgt Ion: 82 Resp: 165465

Ion Ratio Lower Upper

82 100

128 38.9 32.7 49.1

54 78.6 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.554 min Scan# 1968

Delta R.T. -0.035 min

Lab File: BG061219.D

Acq: 16 May 2024 13:55

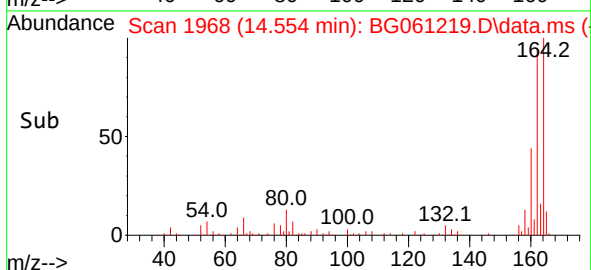
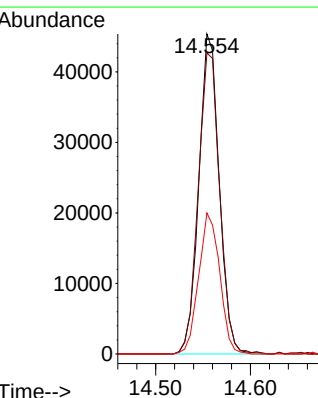
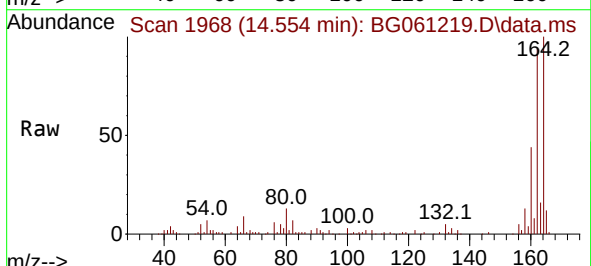
Tgt Ion:164 Resp: 67679

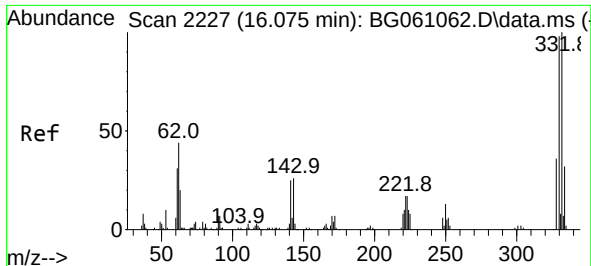
Ion Ratio Lower Upper

164 100

162 94.1 79.4 119.2

160 44.1 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 139.290 ng

RT: 16.052 min Scan# 21

Delta R.T. -0.023 min

Lab File: BG061219.D

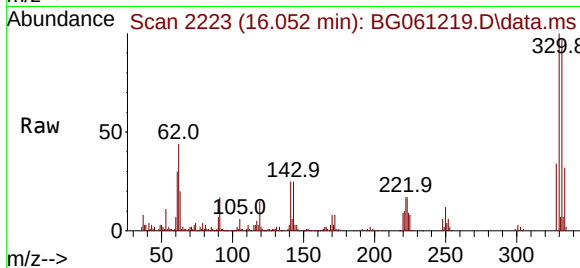
Acq: 16 May 2024 13:55

Instrument :

BNA_G

ClientSampleId :

SP25-06-20240510-WC



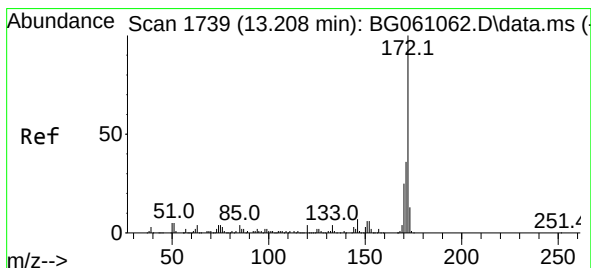
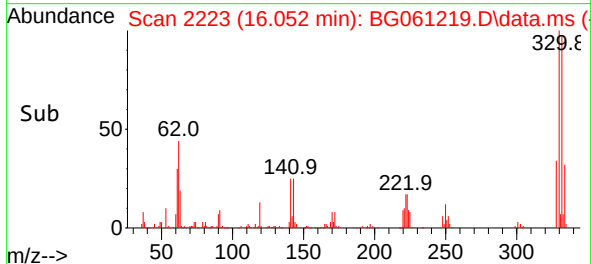
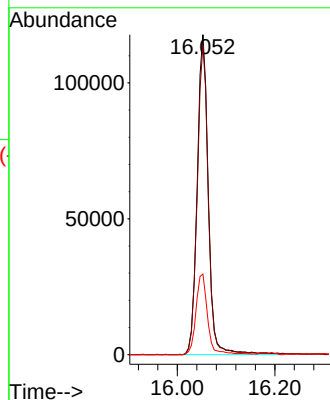
Tgt Ion:330 Resp: 188430

Ion Ratio Lower Upper

330 100

332 95.0 78.6 117.8

141 26.0 20.5 30.7



#45

2-Fluorobiphenyl

Concen: 95.193 ng

RT: 13.179 min Scan# 1734

Delta R.T. -0.029 min

Lab File: BG061219.D

Acq: 16 May 2024 13:55

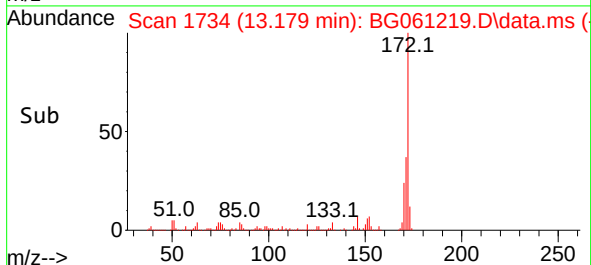
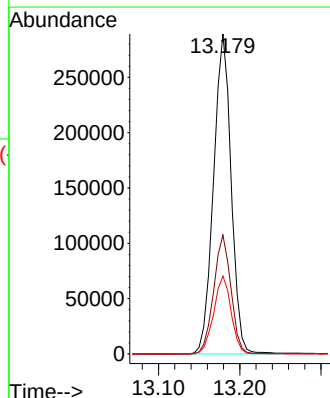
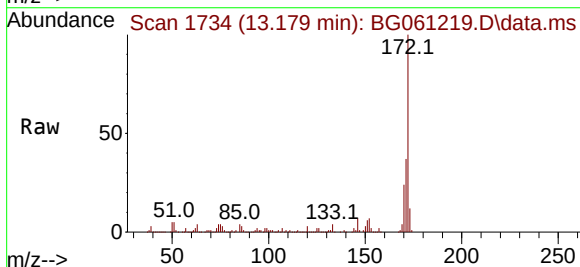
Tgt Ion:172 Resp: 435689

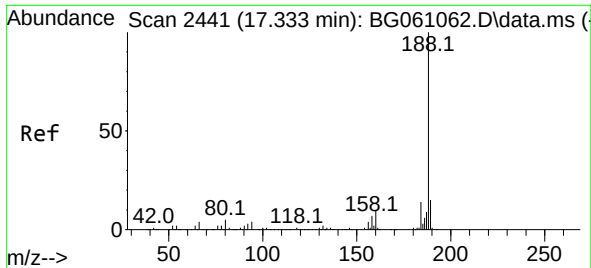
Ion Ratio Lower Upper

172 100

171 37.2 29.0 43.6

170 24.4 20.2 30.4

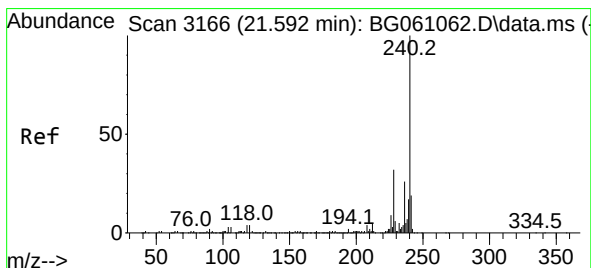
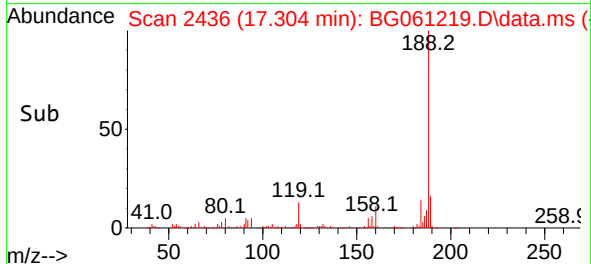
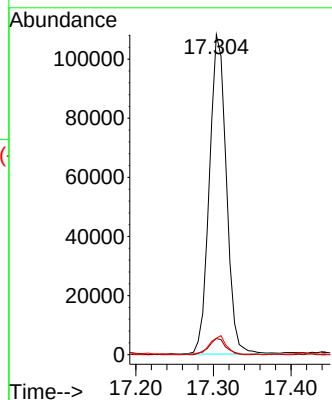
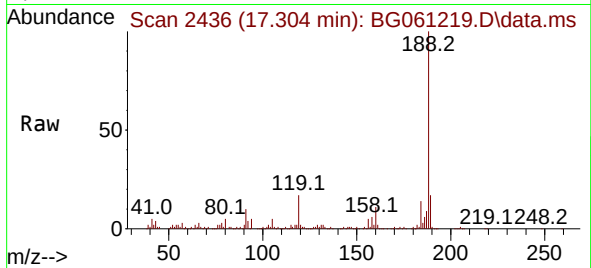




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2441
Delta R.T. -0.029 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

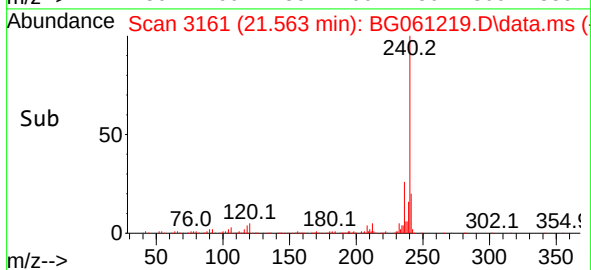
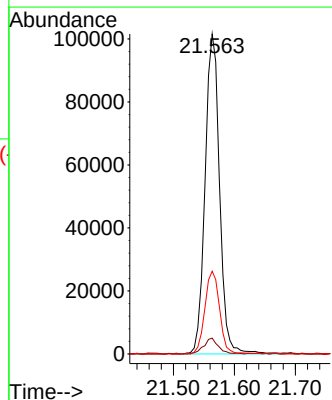
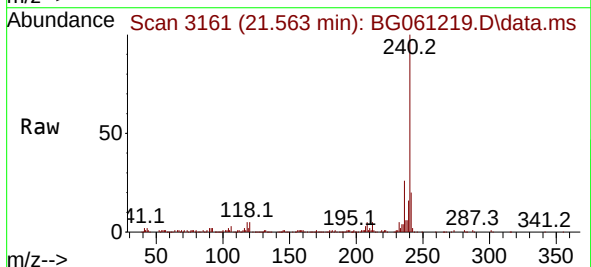
Instrument :
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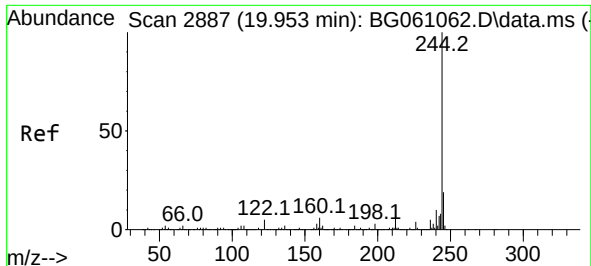
Tgt Ion:188 Resp: 165115
Ion Ratio Lower Upper
188 100
94 5.1 3.6 5.4
80 5.2 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3161
Delta R.T. -0.029 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

Tgt Ion:240 Resp: 168148
Ion Ratio Lower Upper
240 100
120 4.9 3.2 4.8#
236 25.8 21.0 31.6

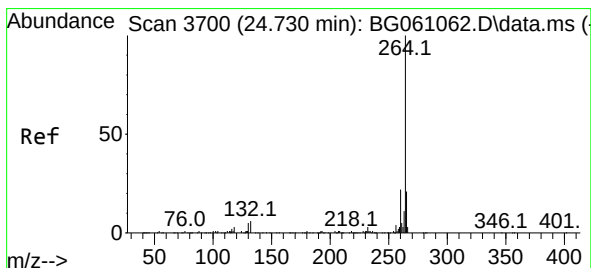
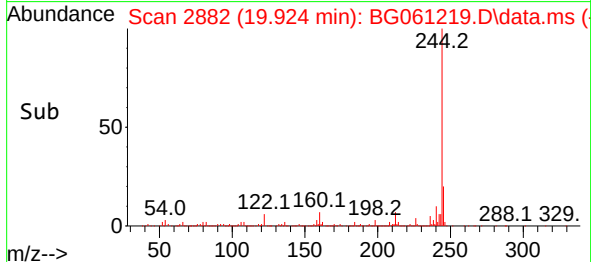
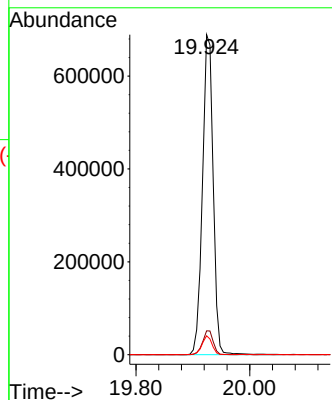
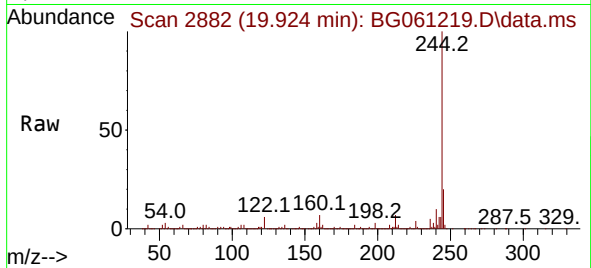




#79
Terphenyl-d14
Concen: 89.121 ng
RT: 19.924 min Scan# 21
Delta R.T. -0.029 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:244 Resp: 901032
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.9 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.683 min Scan# 3692
Delta R.T. -0.047 min
Lab File: BG061219.D
Acq: 16 May 2024 13:55

Tgt Ion:264 Resp: 201209
Ion Ratio Lower Upper
264 100
260 23.7 17.7 26.5
265 22.2 16.4 24.6

