

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060021.D
 Acq On : 14 Dec 2023 21:04
 Operator : MA/JU
 Sample : 05718-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUID-20231206

Quant Time: Dec 15 02:38:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	98836	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	381440	20.000	ng	0.00
39) Acenaphthene-d10	14.593	164	292045	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	824700	20.000	ng	0.00
76) Chrysene-d12	21.608	240	755852	20.000	ng	0.00
86) Perylene-d12	24.798	264	894522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	282845	48.989	ng	0.00
7) Phenol-d6	7.107	99	251610	30.981	ng	0.00
23) Nitrobenzene-d5	9.117	82	675974	80.471	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	910866	133.833	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1878303	78.716	ng	0.00
79) Terphenyl-d14	19.963	244	3670791	88.666	ng	0.00

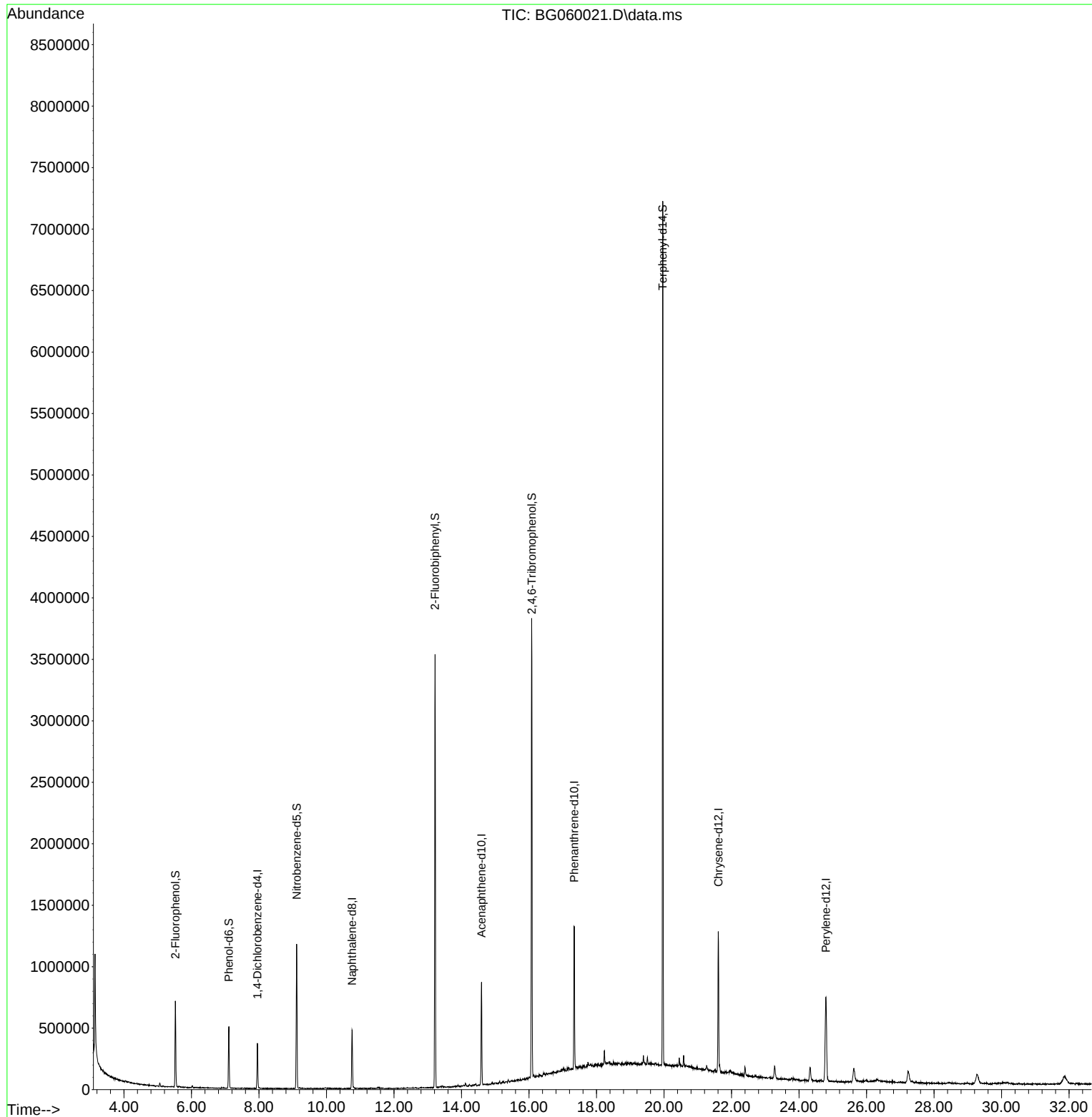
Target Compounds	Qvalue

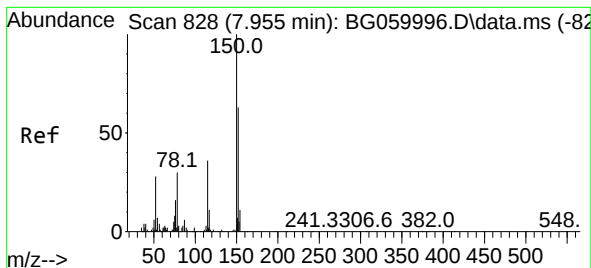
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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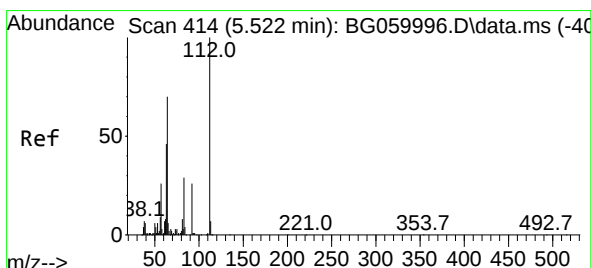
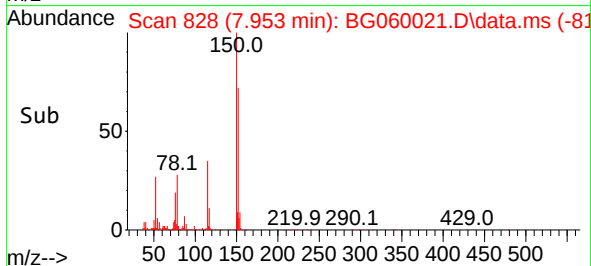
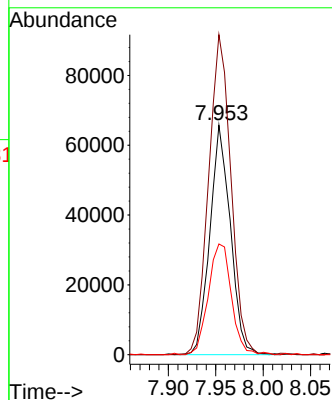
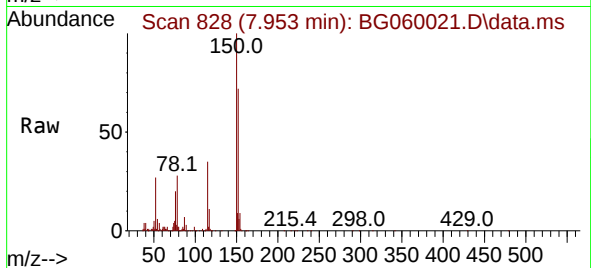




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG060021.D
 Acq: 14 Dec 2023 21:04

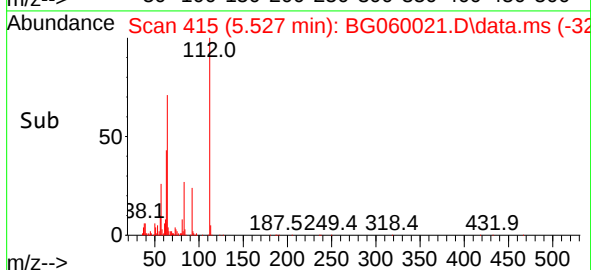
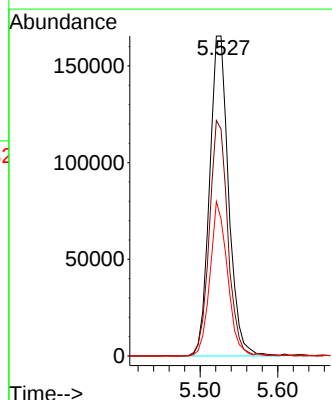
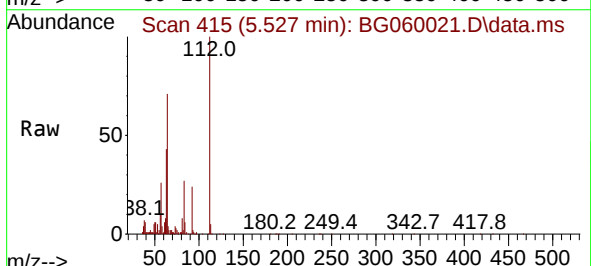
Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUID-20231206

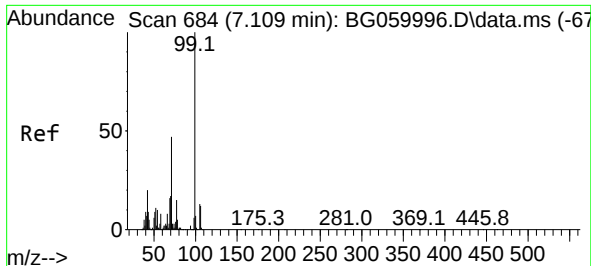
Tgt Ion:152 Resp: 98836
 Ion Ratio Lower Upper
 152 100
 150 139.4 127.0 190.6
 115 48.3 45.7 68.5



#5
 2-Fluorophenol
 Concen: 48.989 ng
 RT: 5.527 min Scan# 415
 Delta R.T. 0.005 min
 Lab File: BG060021.D
 Acq: 14 Dec 2023 21:04

Tgt Ion:112 Resp: 282845
 Ion Ratio Lower Upper
 112 100
 64 71.0 55.9 83.9
 63 42.8 36.5 54.7

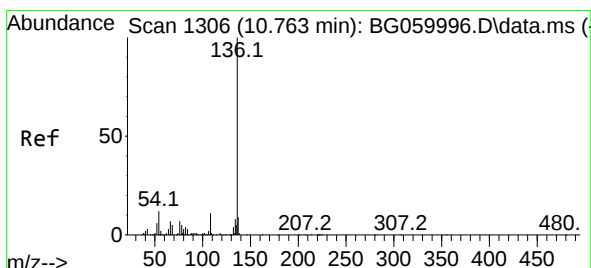
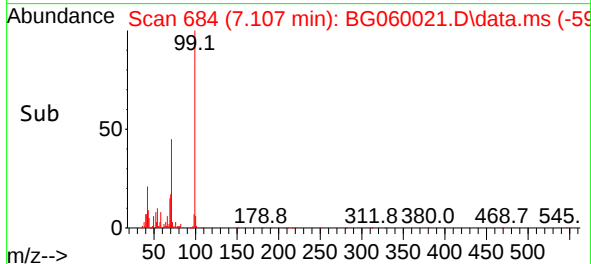
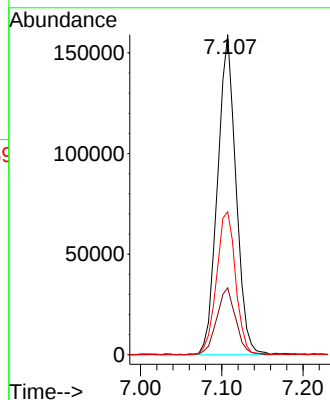
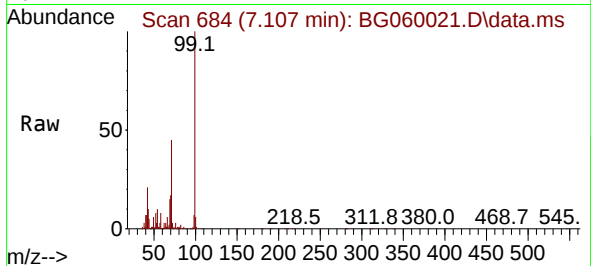




#7
Phenol-d6
Concen: 30.981 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060021.D
Acq: 14 Dec 2023 21:04

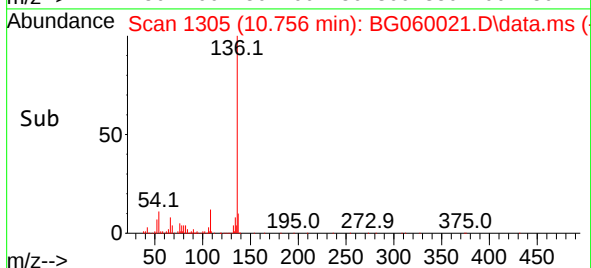
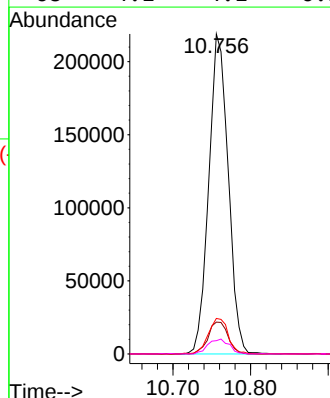
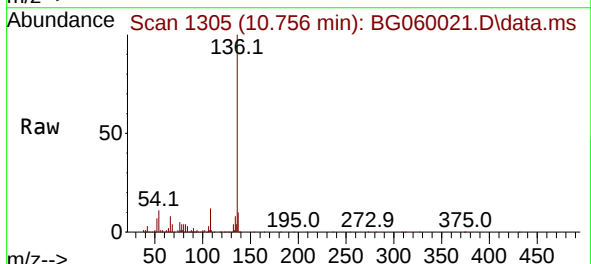
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206

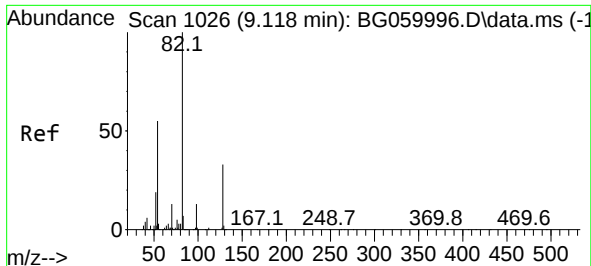
Tgt Ion: 99 Resp: 251610
Ion Ratio Lower Upper
99 100
42 20.9 16.2 24.4
71 44.7 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 1305
Delta R.T. -0.007 min
Lab File: BG060021.D
Acq: 14 Dec 2023 21:04

Tgt Ion:136 Resp: 381440
Ion Ratio Lower Upper
136 100
137 10.0 7.3 10.9
54 11.1 9.6 14.4
68 4.1 4.1 6.1

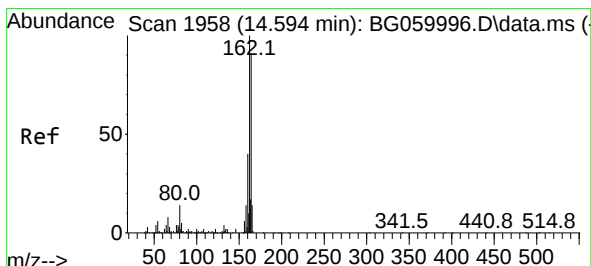
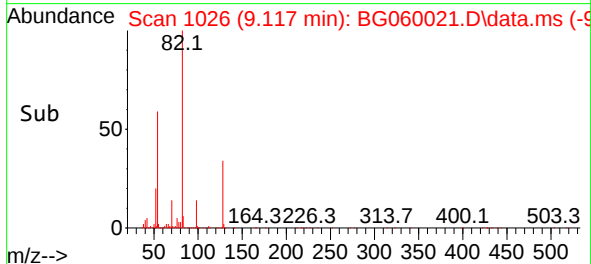
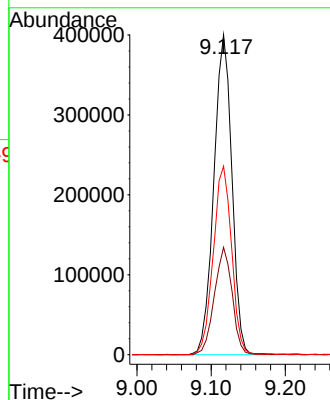
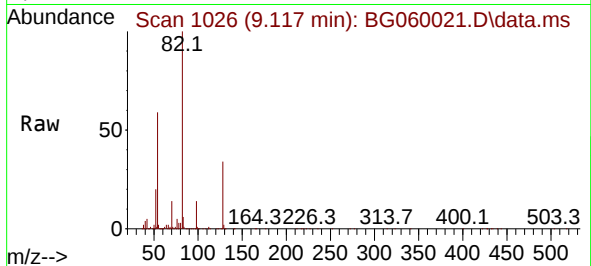




#23
Nitrobenzene-d5
Concen: 80.471 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060021.D
Acq: 14 Dec 2023 21:04

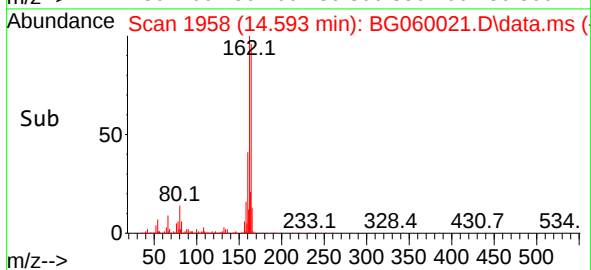
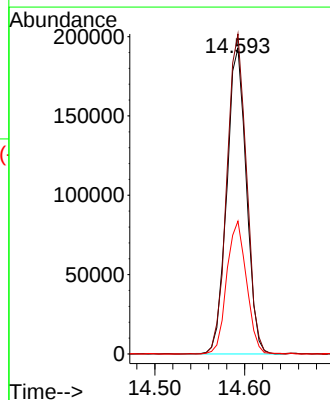
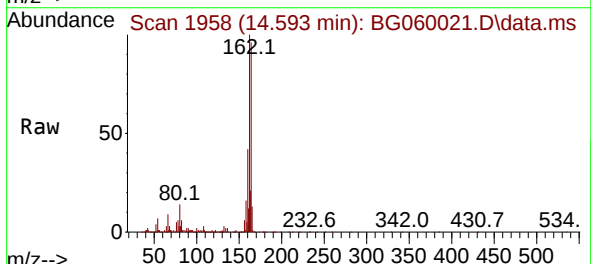
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206

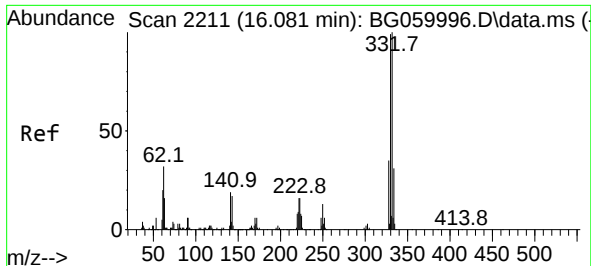
Tgt Ion: 82 Resp: 675974
Ion Ratio Lower Upper
82 100
128 33.5 26.3 39.5
54 58.9 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060021.D
Acq: 14 Dec 2023 21:04

Tgt Ion:164 Resp: 292045
Ion Ratio Lower Upper
164 100
162 104.6 88.1 132.1
160 43.4 35.4 53.0

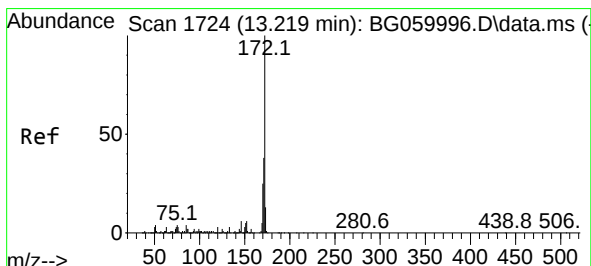
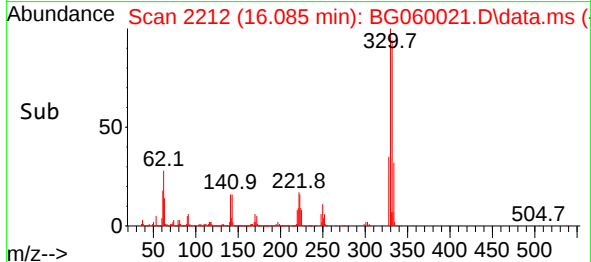
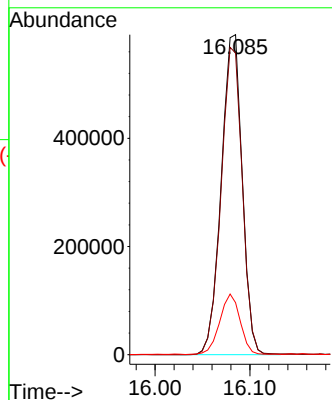
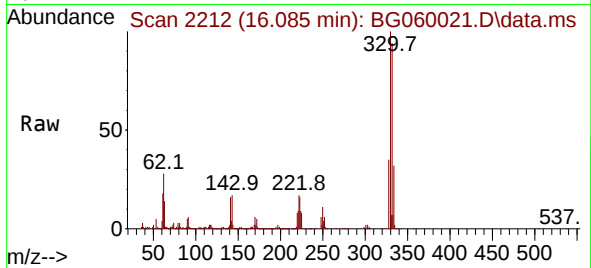




#42
2,4,6-Tribromophenol
Concen: 133.833 ng
RT: 16.085 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG060021.D
Acq: 14 Dec 2023 21:04

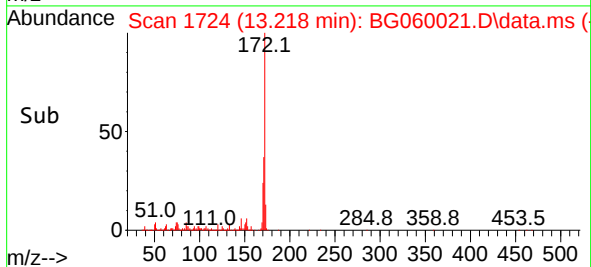
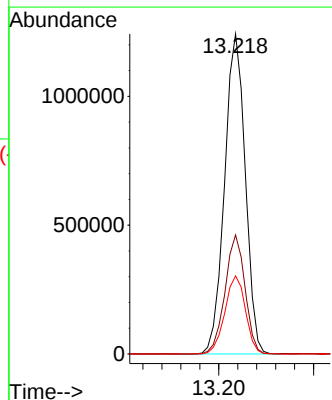
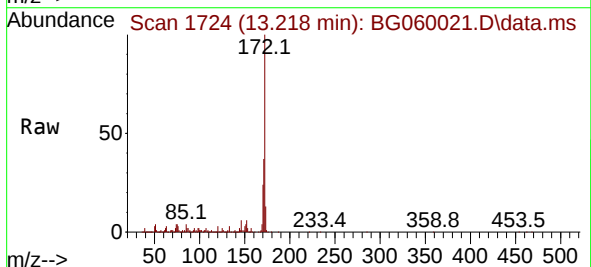
Instrument :
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ClientSampleId :
WC-LIQUID-20231206

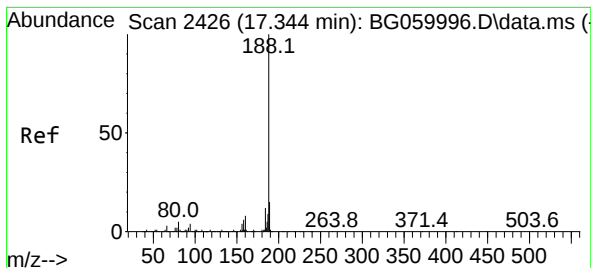
Tgt Ion:330 Resp: 910866
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 18.5 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 78.716 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060021.D
Acq: 14 Dec 2023 21:04

Tgt Ion:172 Resp: 1878303
Ion Ratio Lower Upper
172 100
171 37.2 30.1 45.1
170 24.4 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.342 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG060021.D

Acq: 14 Dec 2023 21:04

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206

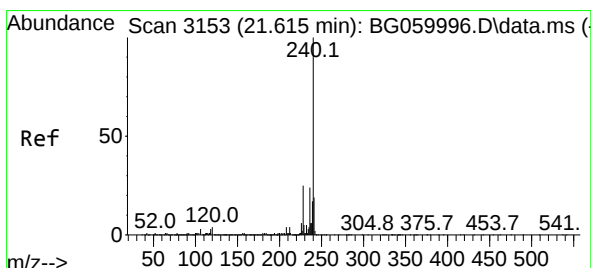
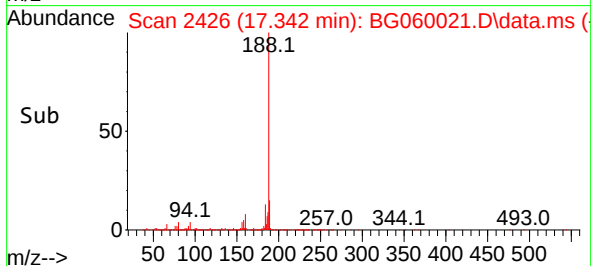
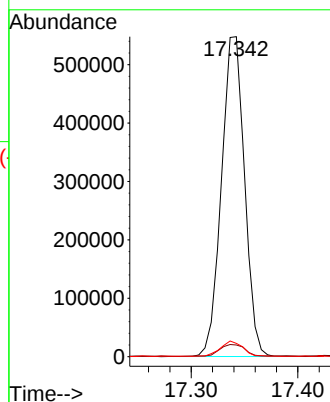
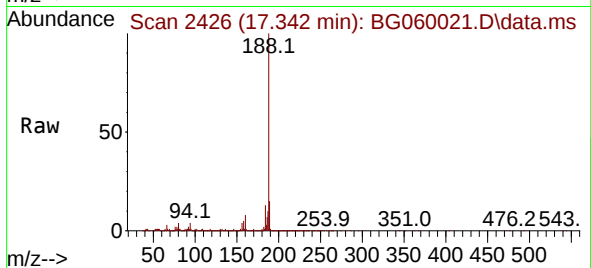
Tgt Ion:188 Resp: 824700

Ion Ratio Lower Upper

188 100

94 3.7 3.0 4.6

80 4.1 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.608 min Scan# 3152

Delta R.T. -0.007 min

Lab File: BG060021.D

Acq: 14 Dec 2023 21:04

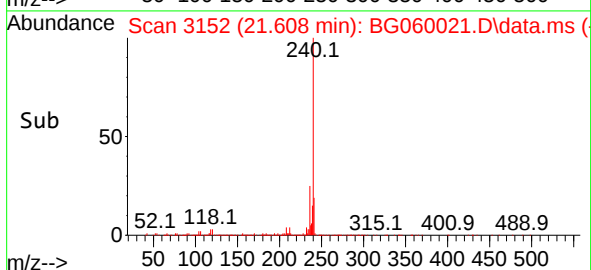
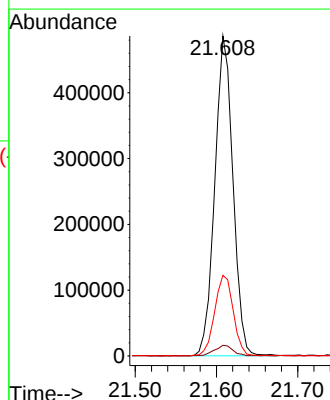
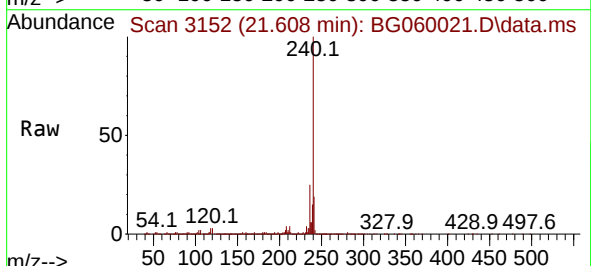
Tgt Ion:240 Resp: 755852

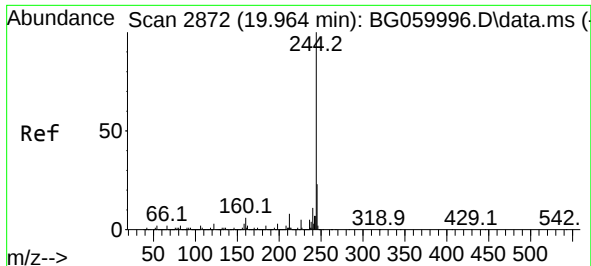
Ion Ratio Lower Upper

240 100

120 3.3 2.9 4.3

236 25.2 19.4 29.2





#79

Terphenyl-d14

Concen: 88.666 ng

RT: 19.963 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060021.D

Acq: 14 Dec 2023 21:04

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206

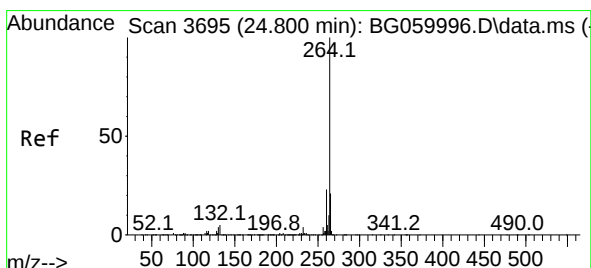
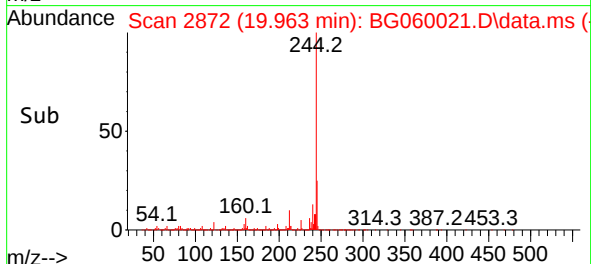
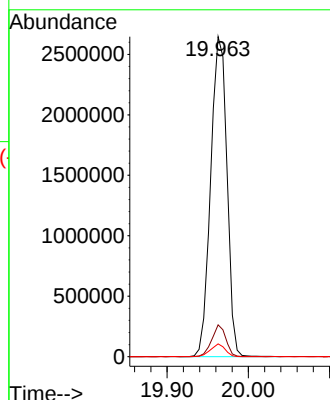
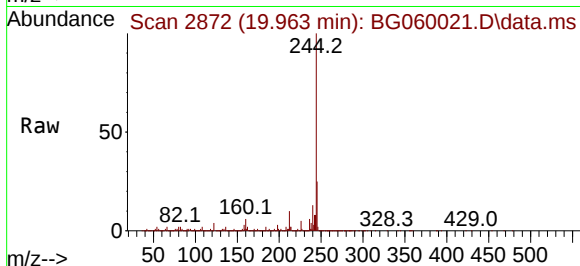
Tgt Ion:244 Resp: 3670791

Ion Ratio Lower Upper

244 100

212 9.9 6.8 10.2

122 4.0 2.6 3.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3695

Delta R.T. -0.002 min

Lab File: BG060021.D

Acq: 14 Dec 2023 21:04

Tgt Ion:264 Resp: 894522

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.6 17.3 25.9

