

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060016.D
 Acq On : 14 Dec 2023 17:42
 Operator : MA/JU
 Sample : 05718-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUID-20231206

Quant Time: Dec 15 02:35:07 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	7.952	152	73536	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	253627	20.000	ng	# 0.00
39) Acenaphthene-d10	14.591	164	237388	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	829548	20.000	ng	0.00
76) Chrysene-d12	21.606	240	812970	20.000	ng	0.00
86) Perylene-d12	24.797	264	959192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	436697	101.659	ng	0.00
7) Phenol-d6	7.106	99	638328	105.638	ng	0.00
23) Nitrobenzene-d5	9.115	82	415417	74.374	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	738088	133.416	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	1339332	69.052	ng	0.00
79) Terphenyl-d14	19.961	244	3873528	86.989	ng	0.00

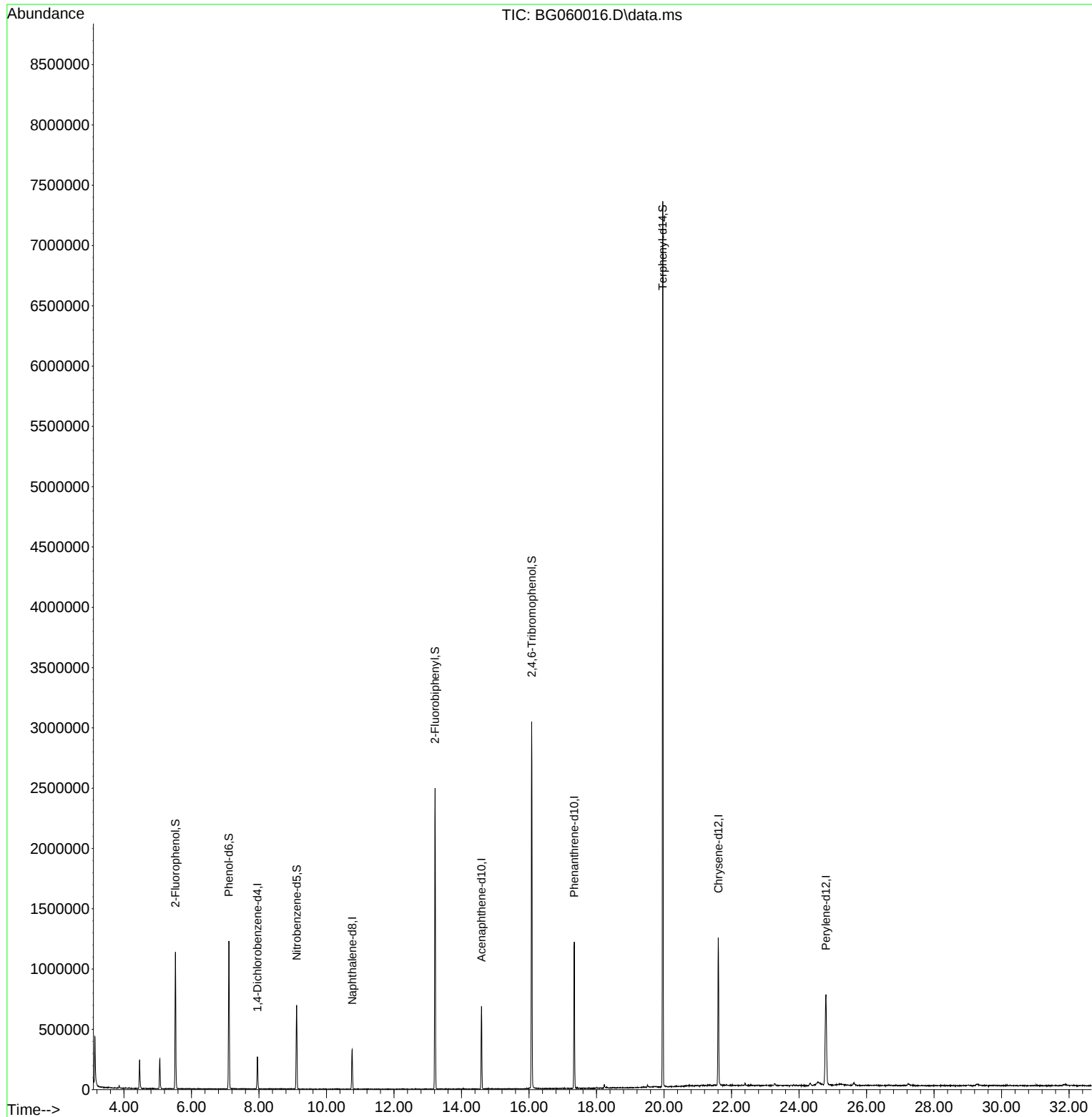
Target Compounds	Qvalue

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

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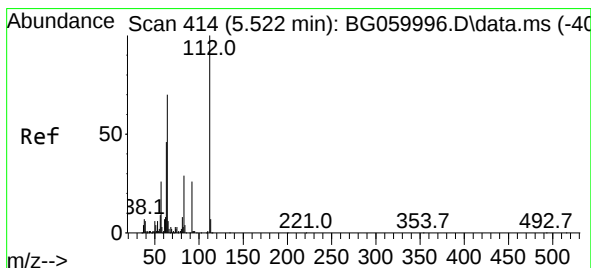
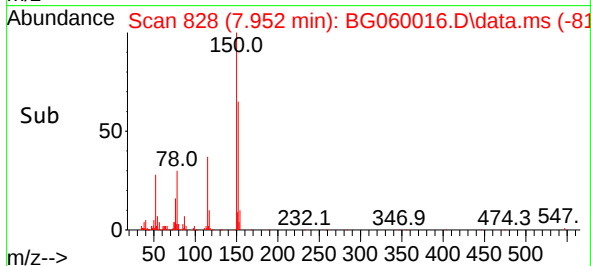
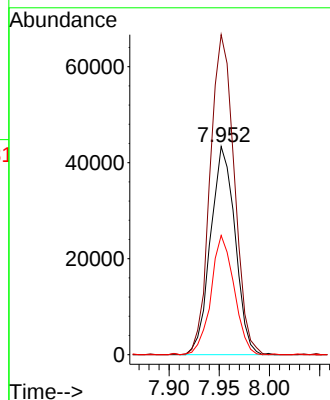
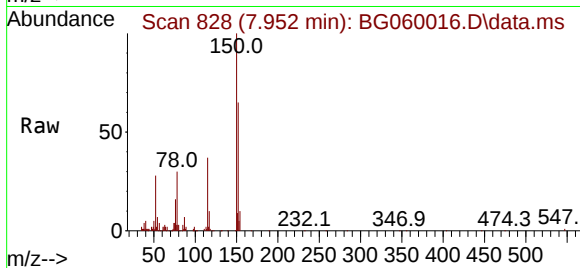




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

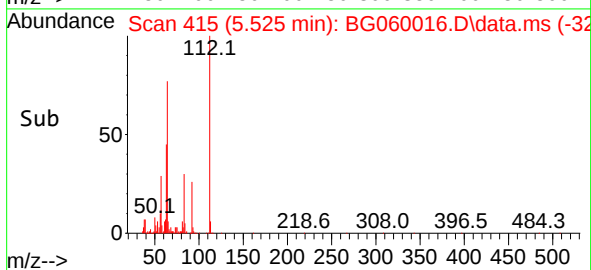
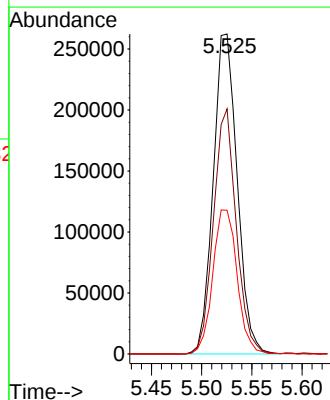
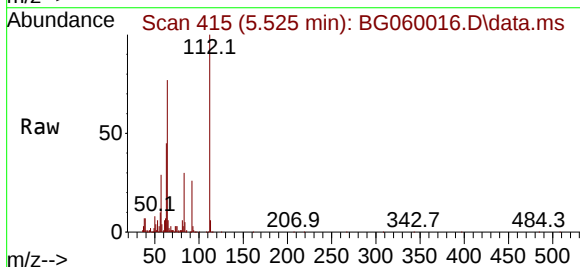
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206

Tgt Ion:152 Resp: 73536
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.6
115 57.2 45.7 68.5



#5
2-Fluorophenol
Concen: 101.659 ng
RT: 5.525 min Scan# 415
Delta R.T. 0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

Tgt Ion:112 Resp: 436697
Ion Ratio Lower Upper
112 100
64 76.6 55.9 83.9
63 44.9 36.5 54.7

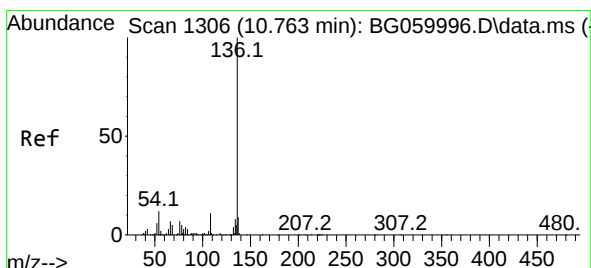
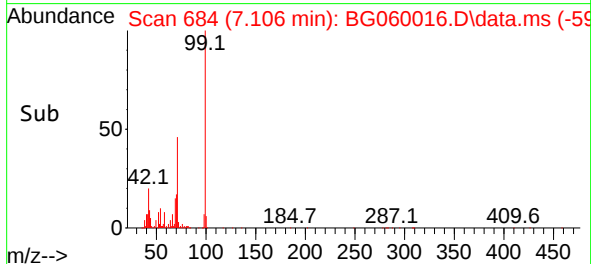
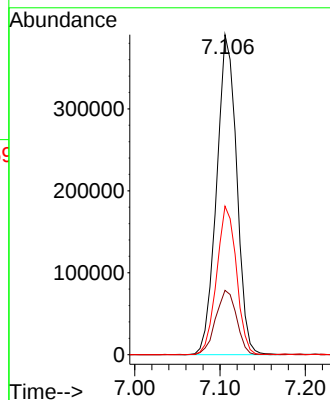
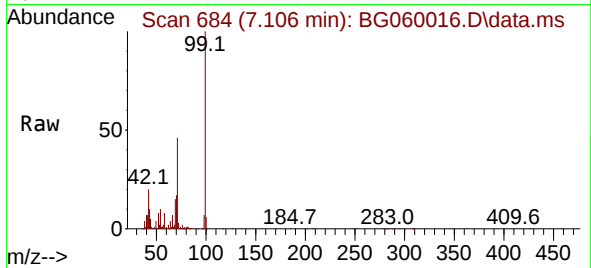




#7
Phenol-d6
Concen: 105.638 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

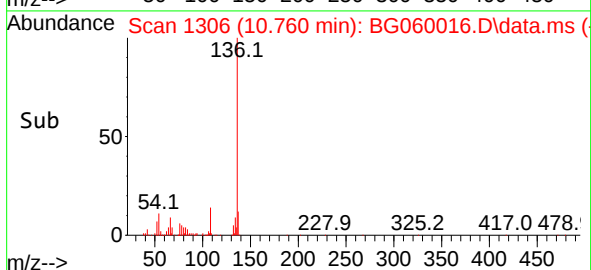
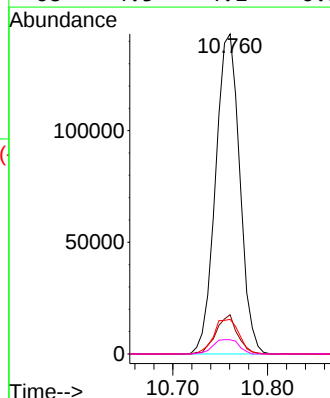
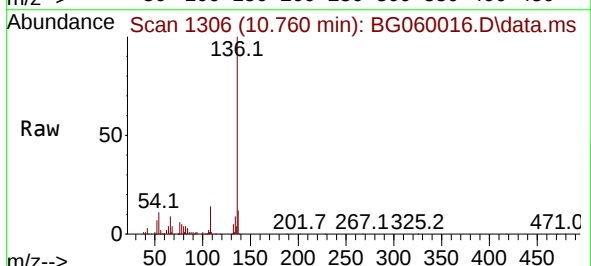
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206

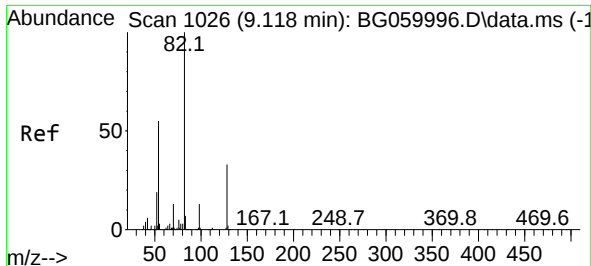
Tgt Ion: 99 Resp: 638328
Ion Ratio Lower Upper
99 100
42 20.1 16.2 24.4
71 46.4 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 1306
Delta R.T. -0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

Tgt Ion:136 Resp: 253627
Ion Ratio Lower Upper
136 100
137 12.2 7.3 10.9#
54 10.8 9.6 14.4
68 4.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 74.374 ng

RT: 9.115 min Scan# 1026

Delta R.T. -0.003 min

Lab File: BG060016.D

Acq: 14 Dec 2023 17:42

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206

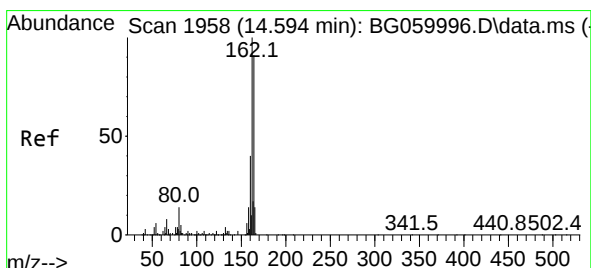
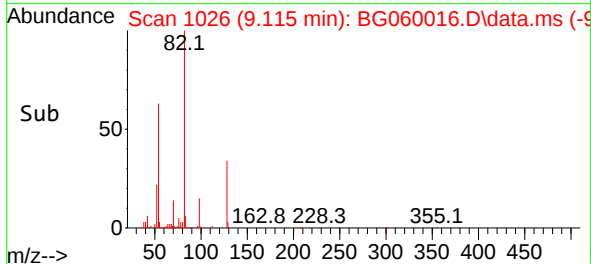
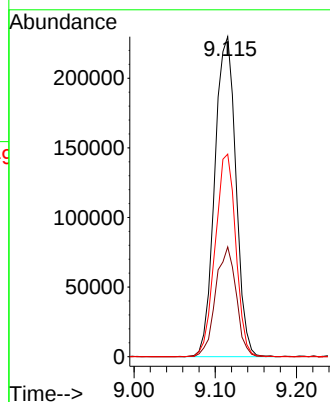
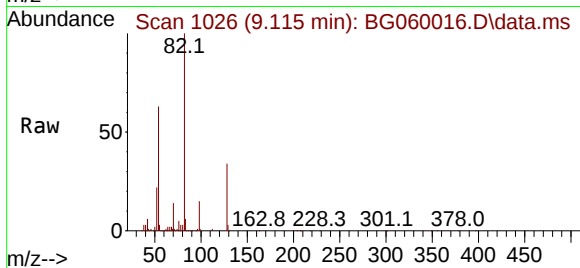
Tgt Ion: 82 Resp: 415417

Ion Ratio Lower Upper

82 100

128 34.3 26.3 39.5

54 63.3 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.591 min Scan# 1958

Delta R.T. -0.003 min

Lab File: BG060016.D

Acq: 14 Dec 2023 17:42

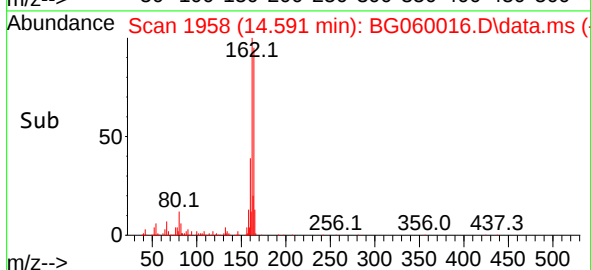
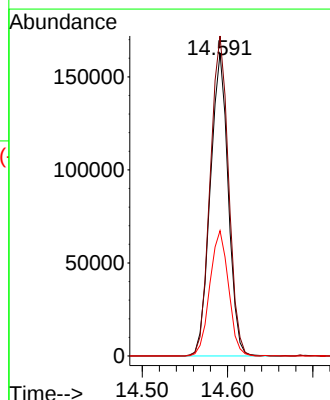
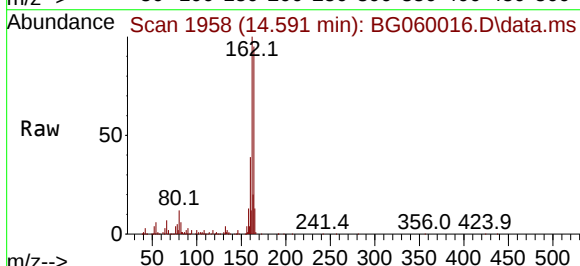
Tgt Ion:164 Resp: 237388

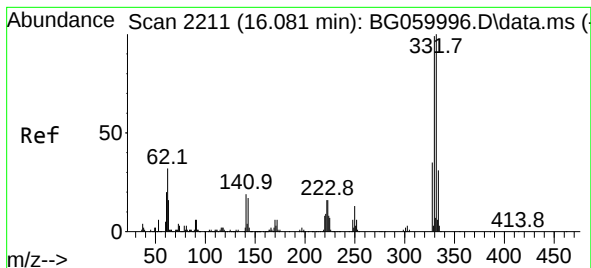
Ion Ratio Lower Upper

164 100

162 105.6 88.1 132.1

160 41.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 133.416 ng

RT: 16.078 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060016.D

Acq: 14 Dec 2023 17:42

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206

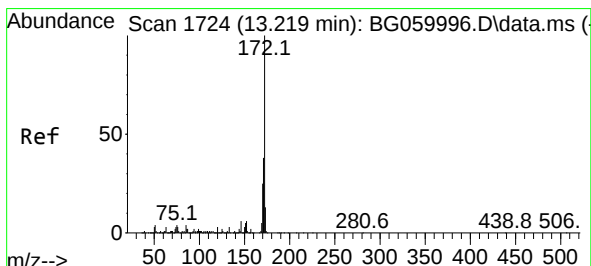
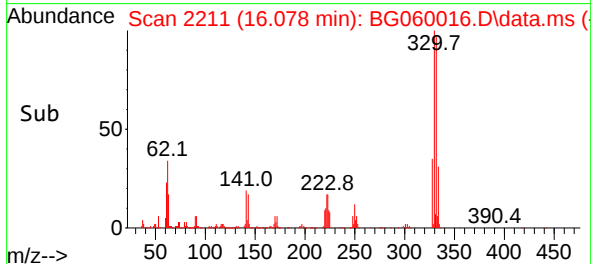
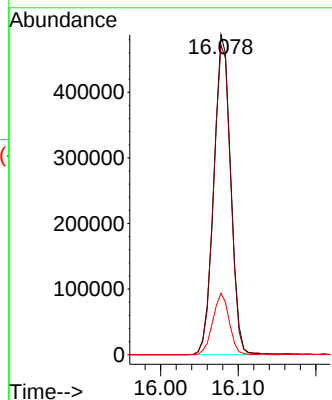
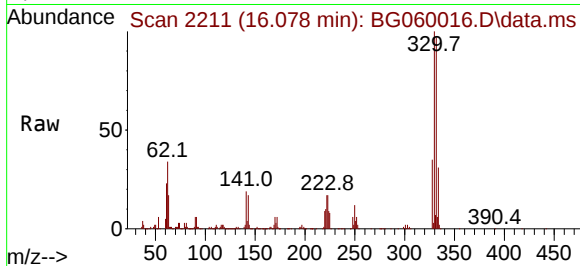
Tgt Ion:330 Resp: 738088

Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

141 18.6 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 69.052 ng

RT: 13.216 min Scan# 1724

Delta R.T. -0.003 min

Lab File: BG060016.D

Acq: 14 Dec 2023 17:42

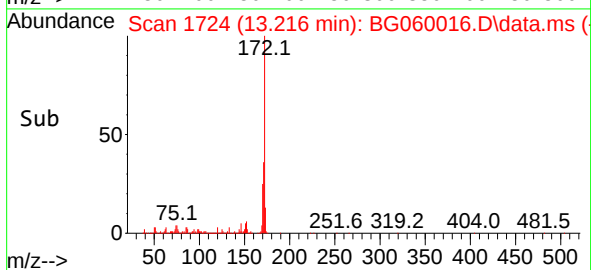
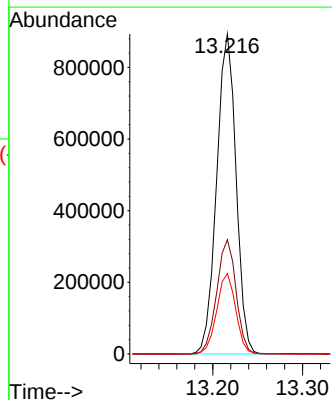
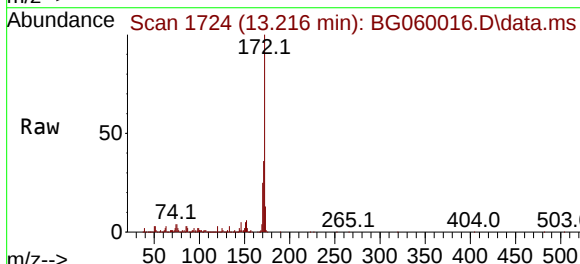
Tgt Ion:172 Resp: 1339332

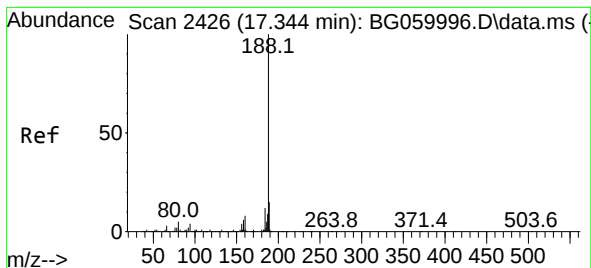
Ion Ratio Lower Upper

172 100

171 35.7 30.1 45.1

170 25.1 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.341 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG060016.D

Acq: 14 Dec 2023 17:42

Instrument :

BNA_G

ClientSampleId :

WC-LIQUID-20231206

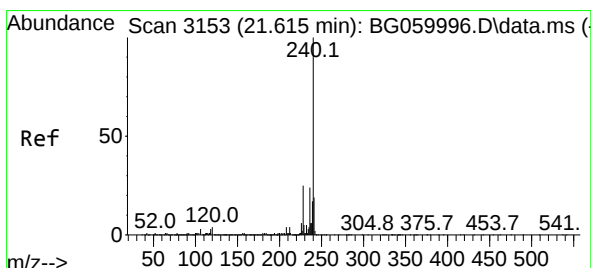
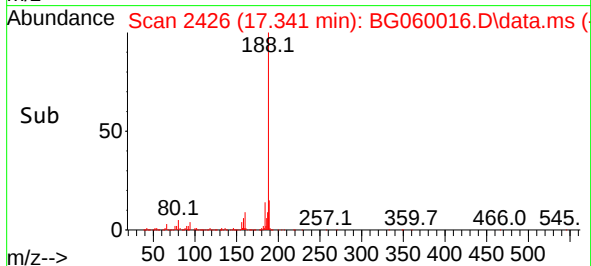
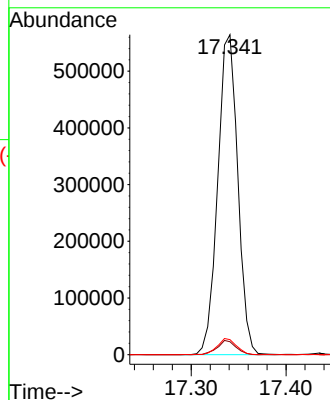
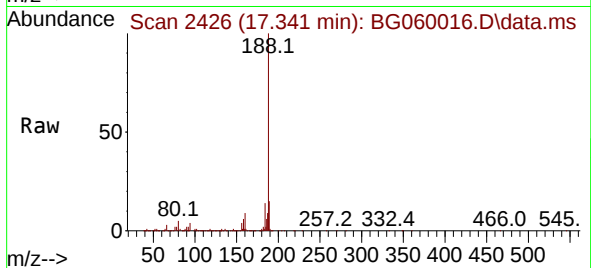
Tgt Ion:188 Resp: 829548

Ion Ratio Lower Upper

188 100

94 4.1 3.0 4.6

80 4.7 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.606 min Scan# 3152

Delta R.T. -0.009 min

Lab File: BG060016.D

Acq: 14 Dec 2023 17:42

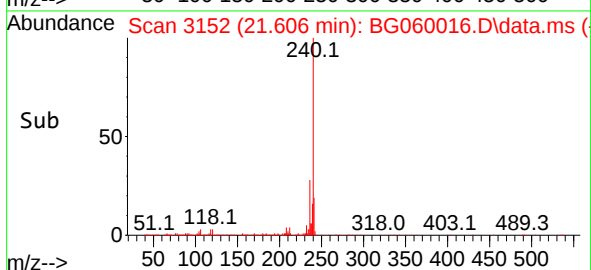
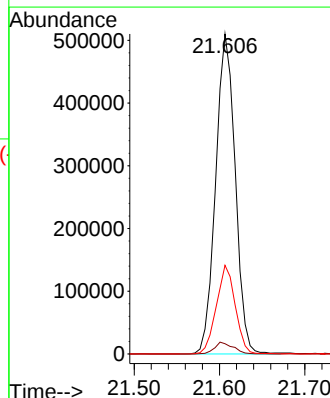
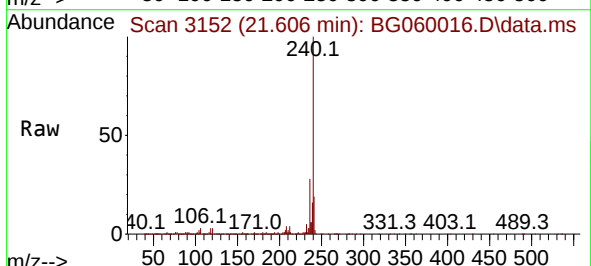
Tgt Ion:240 Resp: 812970

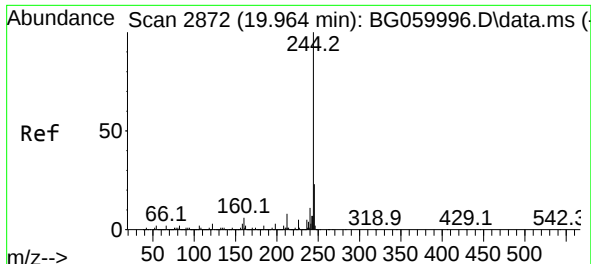
Ion Ratio Lower Upper

240 100

120 3.2 2.9 4.3

236 27.7 19.4 29.2

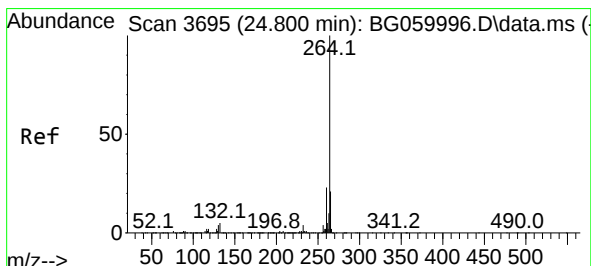
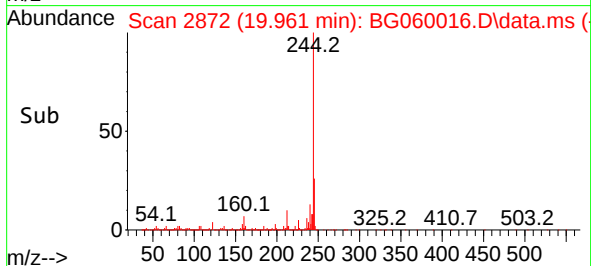
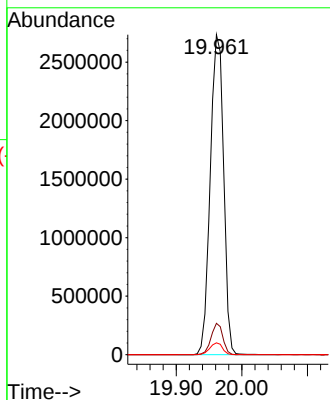
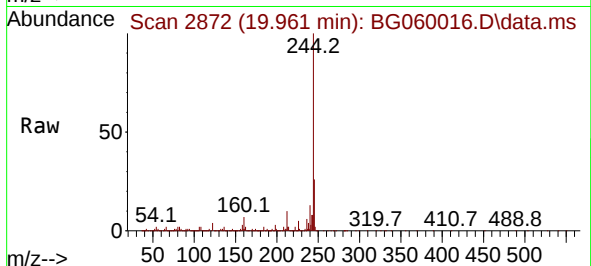




#79
 Terphenyl-d14
 Concen: 86.989 ng
 RT: 19.961 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060016.D
 Acq: 14 Dec 2023 17:42

Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUID-20231206

Tgt Ion:244 Resp: 3873528
 Ion Ratio Lower Upper
 244 100
 212 9.8 6.8 10.2
 122 3.7 2.6 3.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.797 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: BG060016.D
 Acq: 14 Dec 2023 17:42

Tgt Ion:264 Resp: 959192
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.3 17.3 25.9

