

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060014.D
 Acq On : 14 Dec 2023 16:11
 Operator : MA/JU
 Sample : PB157712BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157712BL

Quant Time: Dec 15 02:34:13 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	7.955	152	60511	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	228334	20.000	ng	# 0.00
39) Acenaphthene-d10	14.594	164	191632	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	614224	20.000	ng	# 0.00
76) Chrysene-d12	21.609	240	773152	20.000	ng	# 0.00
86) Perylene-d12	24.794	264	897146	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	213214	60.318	ng	0.00
7) Phenol-d6	7.109	99	403634	81.177	ng	0.00
23) Nitrobenzene-d5	9.112	82	266836	53.065	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	723617	162.031	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1194935	76.317	ng	0.00
79) Terphenyl-d14	19.964	244	4340137	102.487	ng	0.00

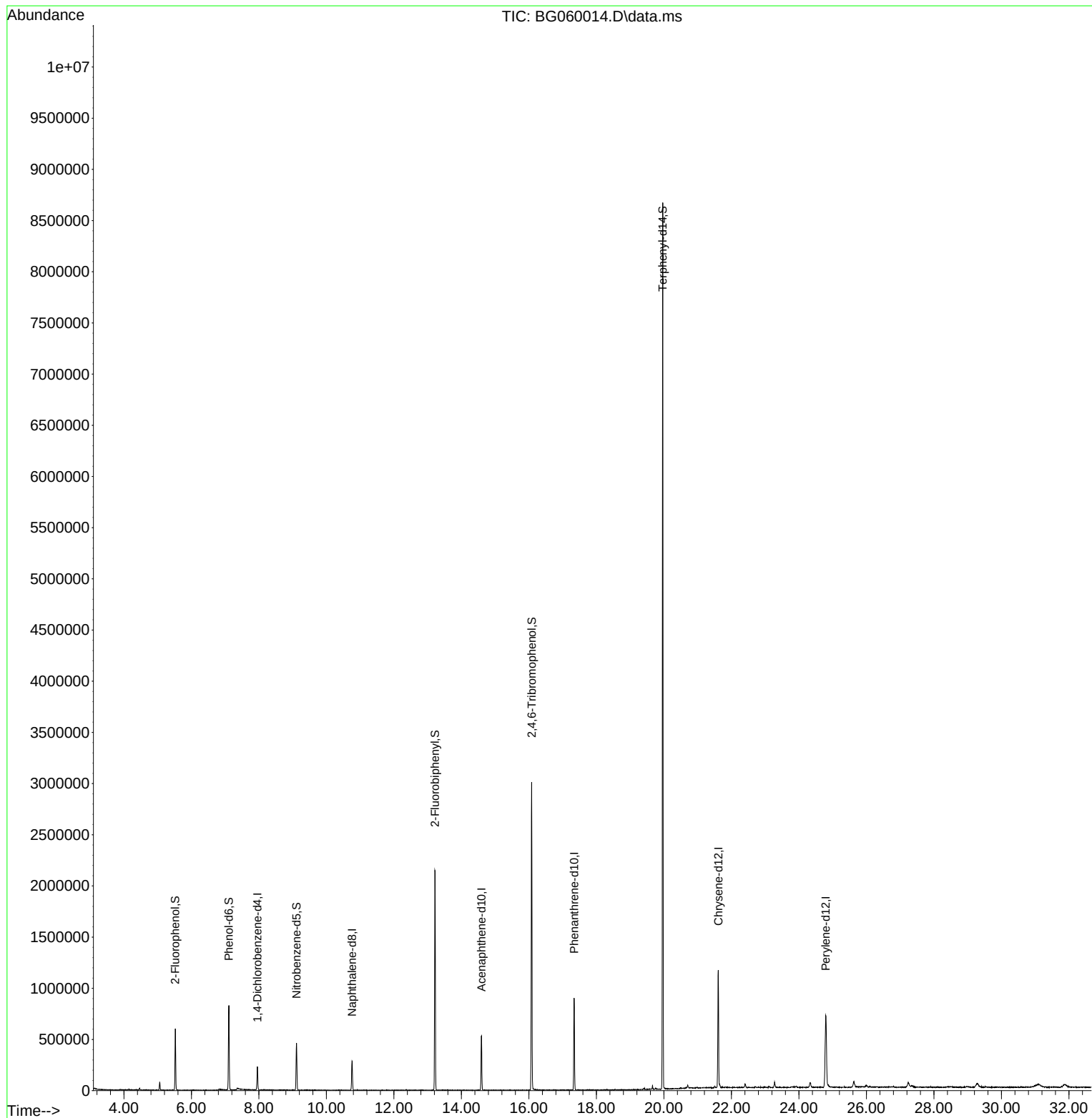
Target Compounds	Qvalue

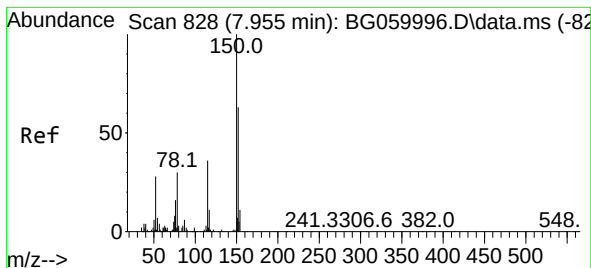
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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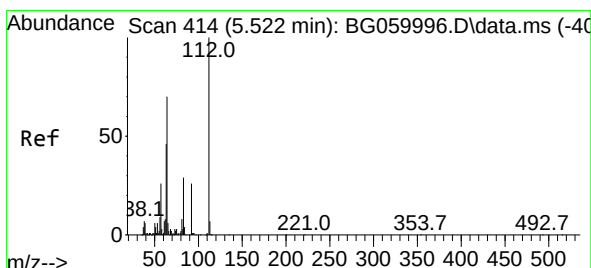
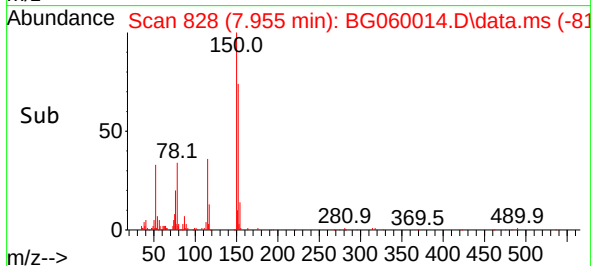
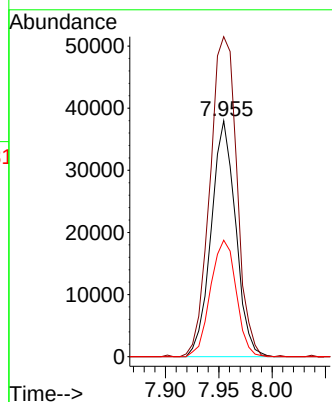
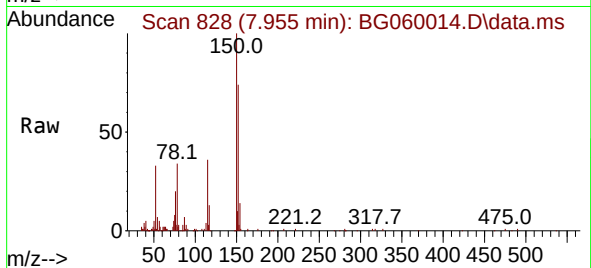




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

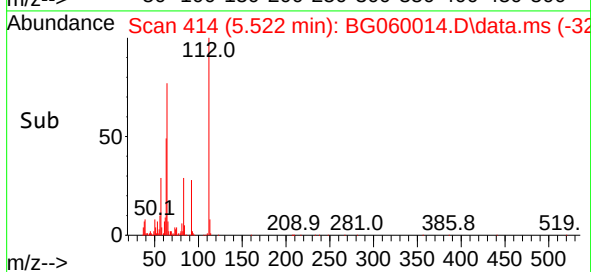
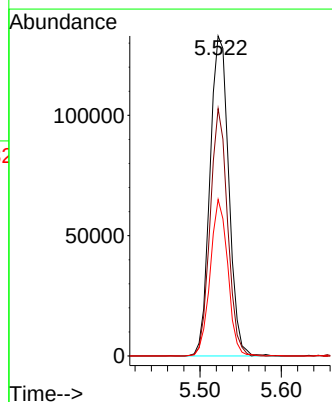
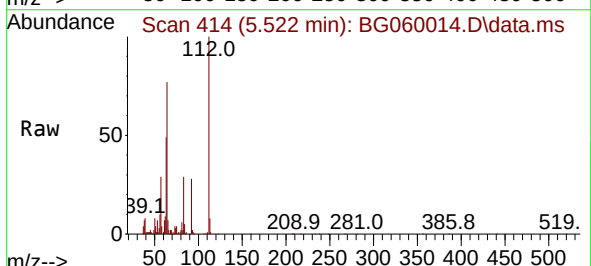
Instrument :
BNA_G
ClientSampleId :
PB157712BL

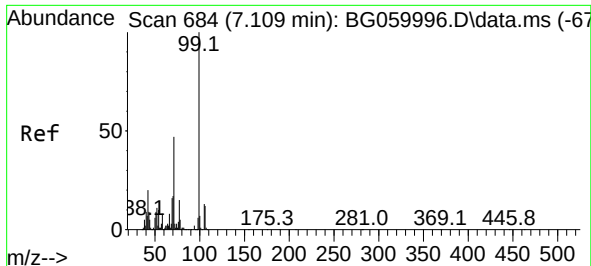
Tgt Ion:152 Resp: 60511
Ion Ratio Lower Upper
152 100
150 135.6 127.0 190.6
115 49.4 45.7 68.5



#5
2-Fluorophenol
Concen: 60.318 ng
RT: 5.522 min Scan# 414
Delta R.T. 0.000 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

Tgt Ion:112 Resp: 213214
Ion Ratio Lower Upper
112 100
64 77.3 55.9 83.9
63 48.9 36.5 54.7

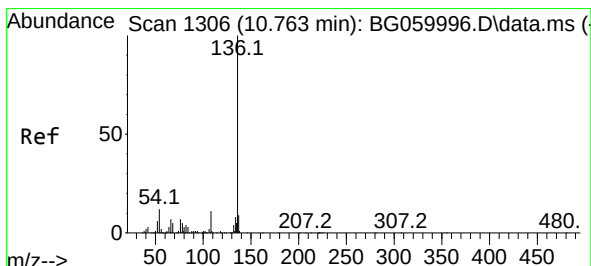
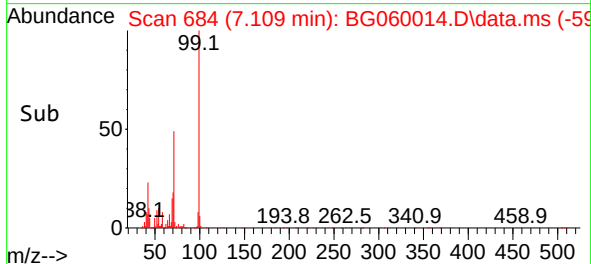
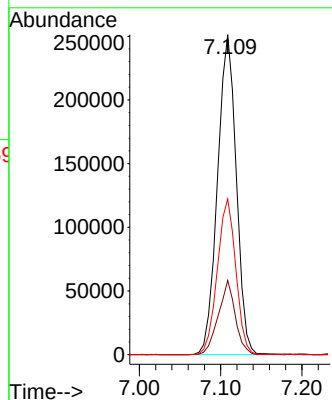
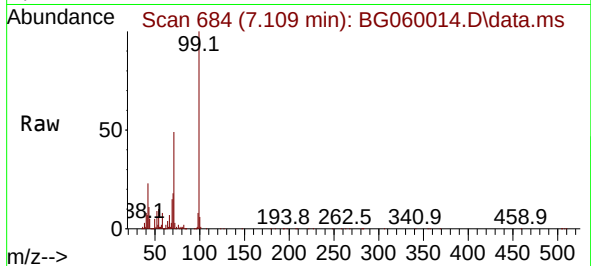




#7
Phenol-d6
Concen: 81.177 ng
RT: 7.109 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

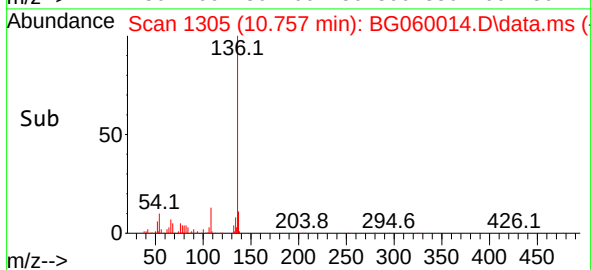
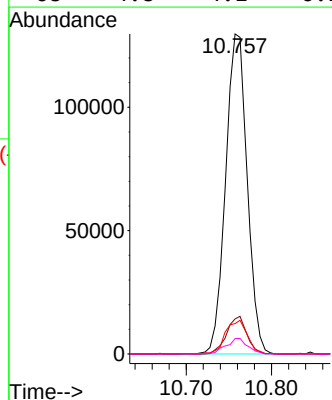
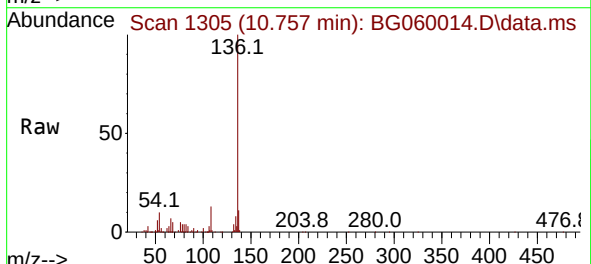
Instrument :
BNA_G
ClientSampleId :
PB157712BL

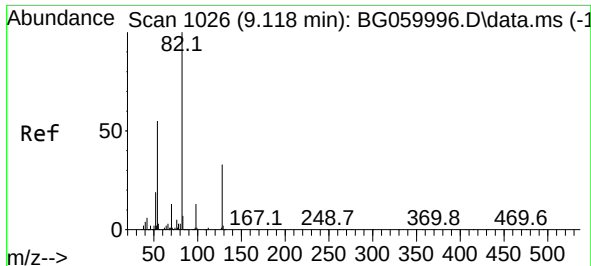
Tgt Ion: 99 Resp: 403634
Ion Ratio Lower Upper
99 100
42 23.2 16.2 24.4
71 48.6 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

Tgt Ion:136 Resp: 228334
Ion Ratio Lower Upper
136 100
137 11.0 7.3 10.9#
54 9.5 9.6 14.4#
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 53.065 ng

RT: 9.112 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BG060014.D

Acq: 14 Dec 2023 16:11

Instrument :

BNA_G

ClientSampleId :

PB157712BL

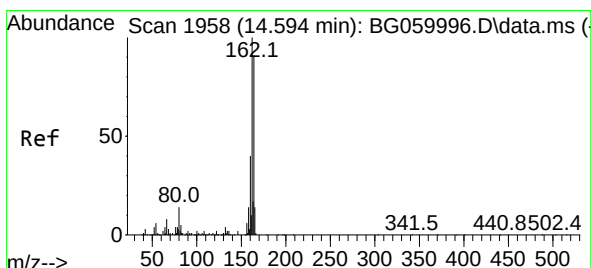
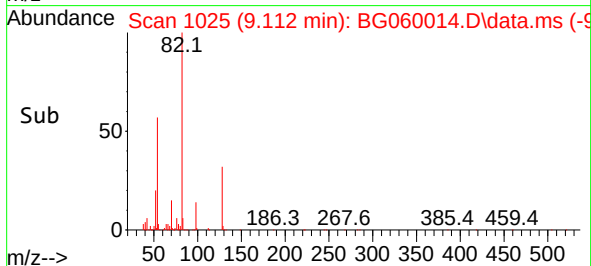
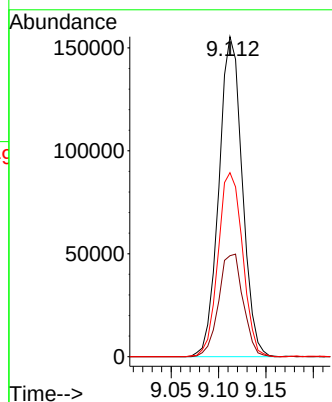
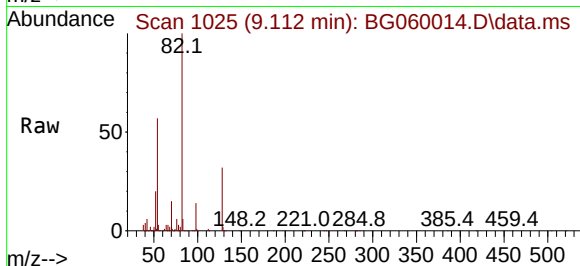
Tgt Ion: 82 Resp: 266836

Ion Ratio Lower Upper

82 100

128 31.5 26.3 39.5

54 57.5 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.594 min Scan# 1958

Delta R.T. -0.000 min

Lab File: BG060014.D

Acq: 14 Dec 2023 16:11

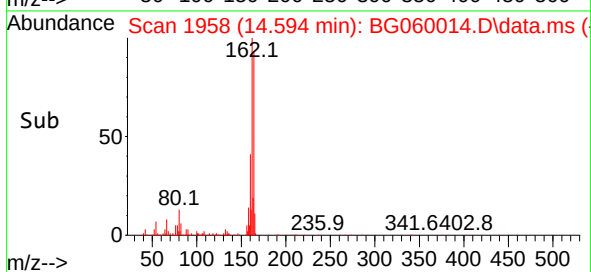
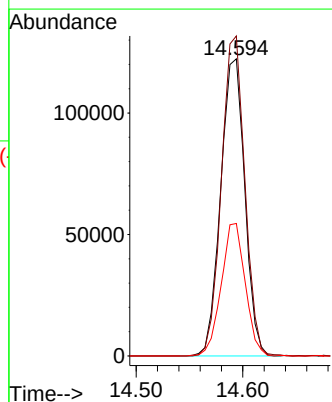
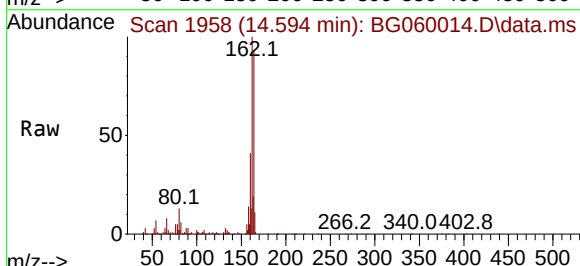
Tgt Ion:164 Resp: 191632

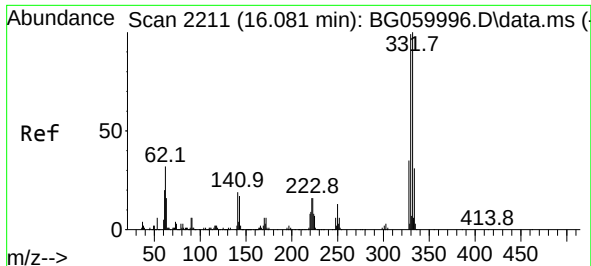
Ion Ratio Lower Upper

164 100

162 107.7 88.1 132.1

160 44.6 35.4 53.0

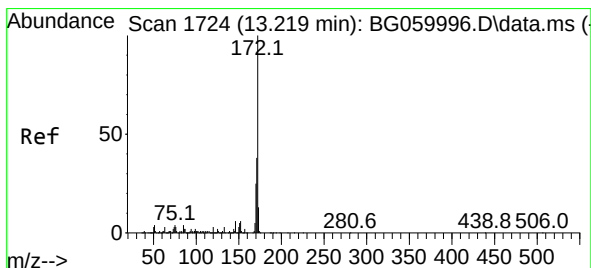
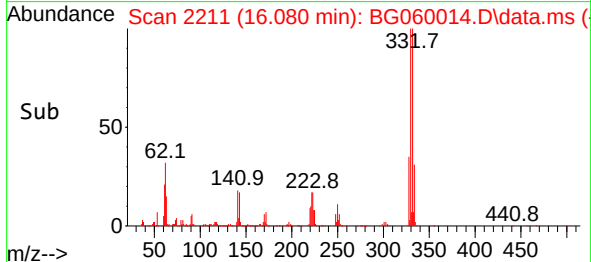
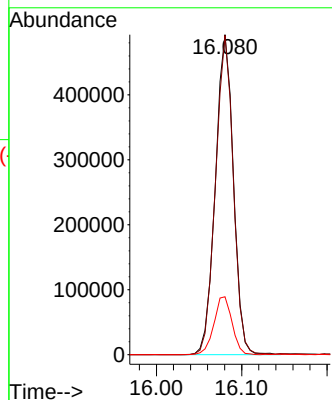
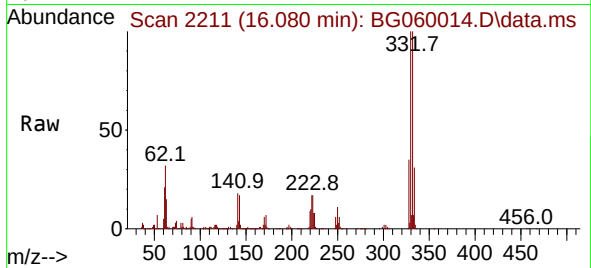




#42
2,4,6-Tribromophenol
Concen: 162.031 ng
RT: 16.080 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

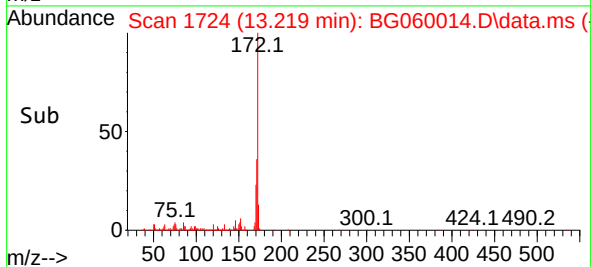
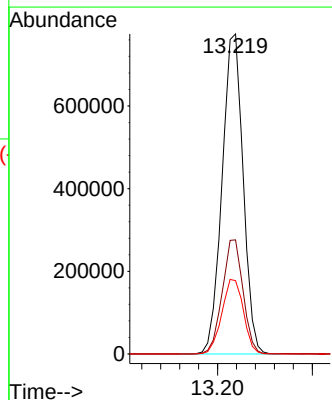
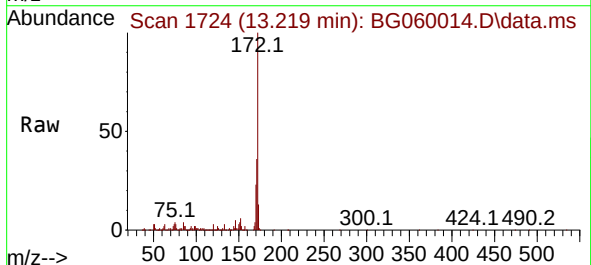
Instrument :
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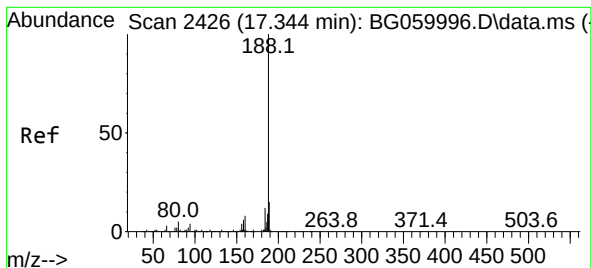
Tgt Ion:330 Resp: 723617
Ion Ratio Lower Upper
330 100
332 98.2 76.2 114.4
141 18.2 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 76.317 ng
RT: 13.219 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BG060014.D
Acq: 14 Dec 2023 16:11

Tgt Ion:172 Resp: 1194935
Ion Ratio Lower Upper
172 100
171 35.6 30.1 45.1
170 22.9 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.338 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG060014.D

Acq: 14 Dec 2023 16:11

Instrument :

BNA_G

ClientSampleId :

PB157712BL

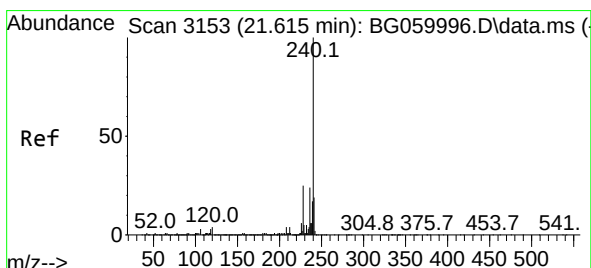
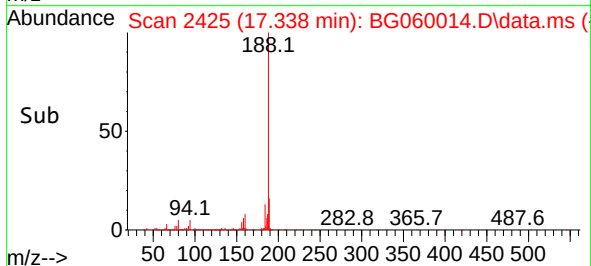
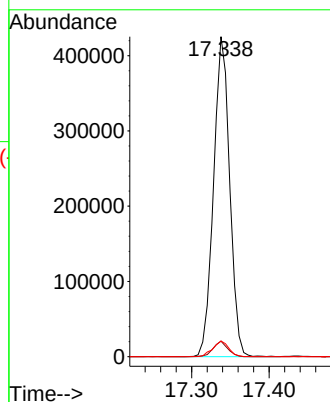
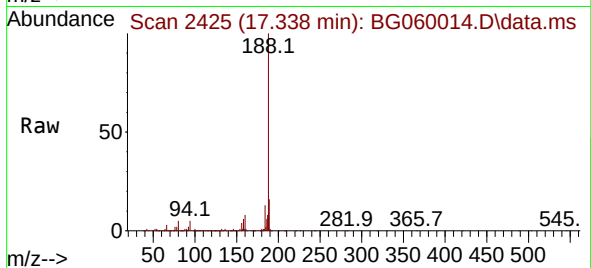
Tgt Ion:188 Resp: 614224

Ion Ratio Lower Upper

188 100

94 4.8 3.0 4.6#

80 4.9 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.609 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BG060014.D

Acq: 14 Dec 2023 16:11

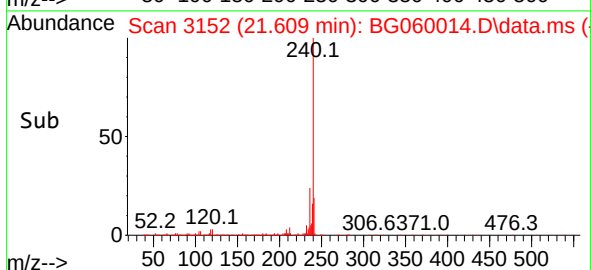
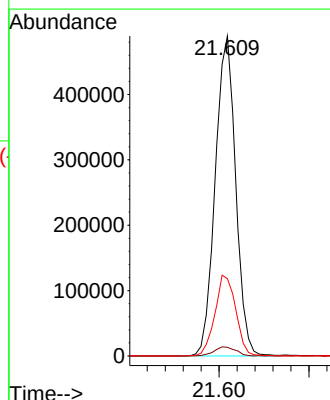
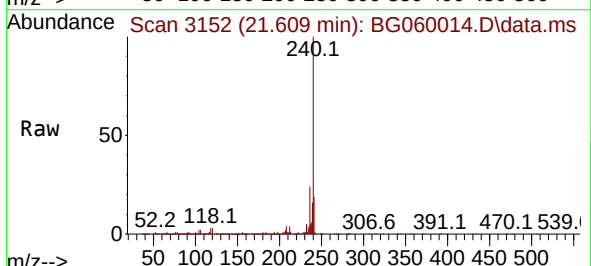
Tgt Ion:240 Resp: 773152

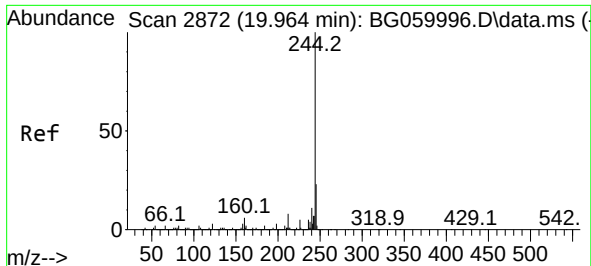
Ion Ratio Lower Upper

240 100

120 2.7 2.9 4.3#

236 24.2 19.4 29.2

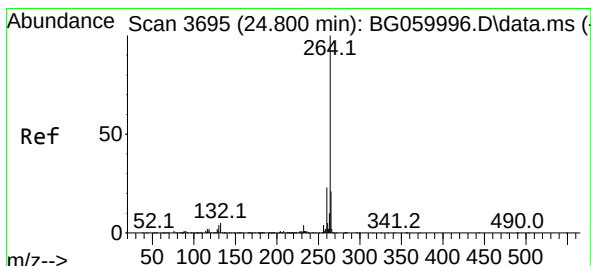
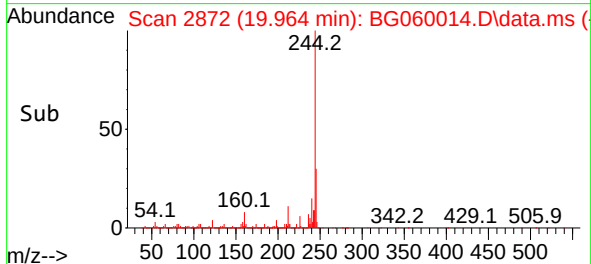
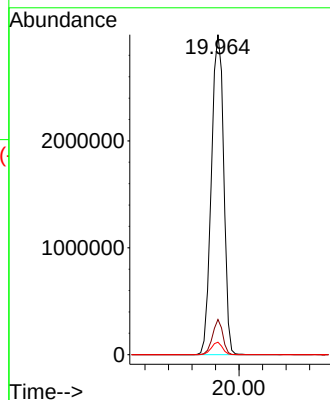
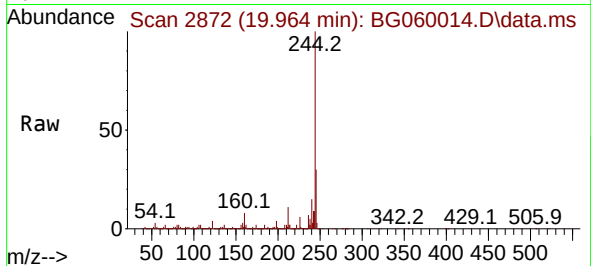




#79
 Terphenyl-d14
 Concen: 102.487 ng
 RT: 19.964 min Scan# 2872
 Delta R.T. -0.000 min
 Lab File: BG060014.D
 Acq: 14 Dec 2023 16:11

Instrument :
 BNA_G
 ClientSampleId :
 PB157712BL

Tgt Ion:244 Resp: 4340137
 Ion Ratio Lower Upper
 244 100
 212 11.0 6.8 10.2#
 122 3.9 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.794 min Scan# 3694
 Delta R.T. -0.006 min
 Lab File: BG060014.D
 Acq: 14 Dec 2023 16:11

Tgt Ion:264 Resp: 897146
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.5 27.7
 265 20.9 17.3 25.9

