

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060054.D
 Acq On : 16 Dec 2023 4:01
 Operator : MA/JU
 Sample : 05829-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Dec 18 00:09:48 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	69507	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	284153	20.000	ng	0.00
39) Acenaphthene-d10	14.588	164	236125	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	709972	20.000	ng	# 0.00
76) Chrysene-d12	21.609	240	855780	20.000	ng	0.00
86) Perylene-d12	24.794	264	990219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	181409	44.678	ng	0.00
7) Phenol-d6	7.109	99	149664	26.204	ng	0.00
23) Nitrobenzene-d5	9.118	82	495176	79.130	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	692903	125.918	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1551345	80.410	ng	0.00
79) Terphenyl-d14	19.964	244	3868508	82.530	ng	0.00

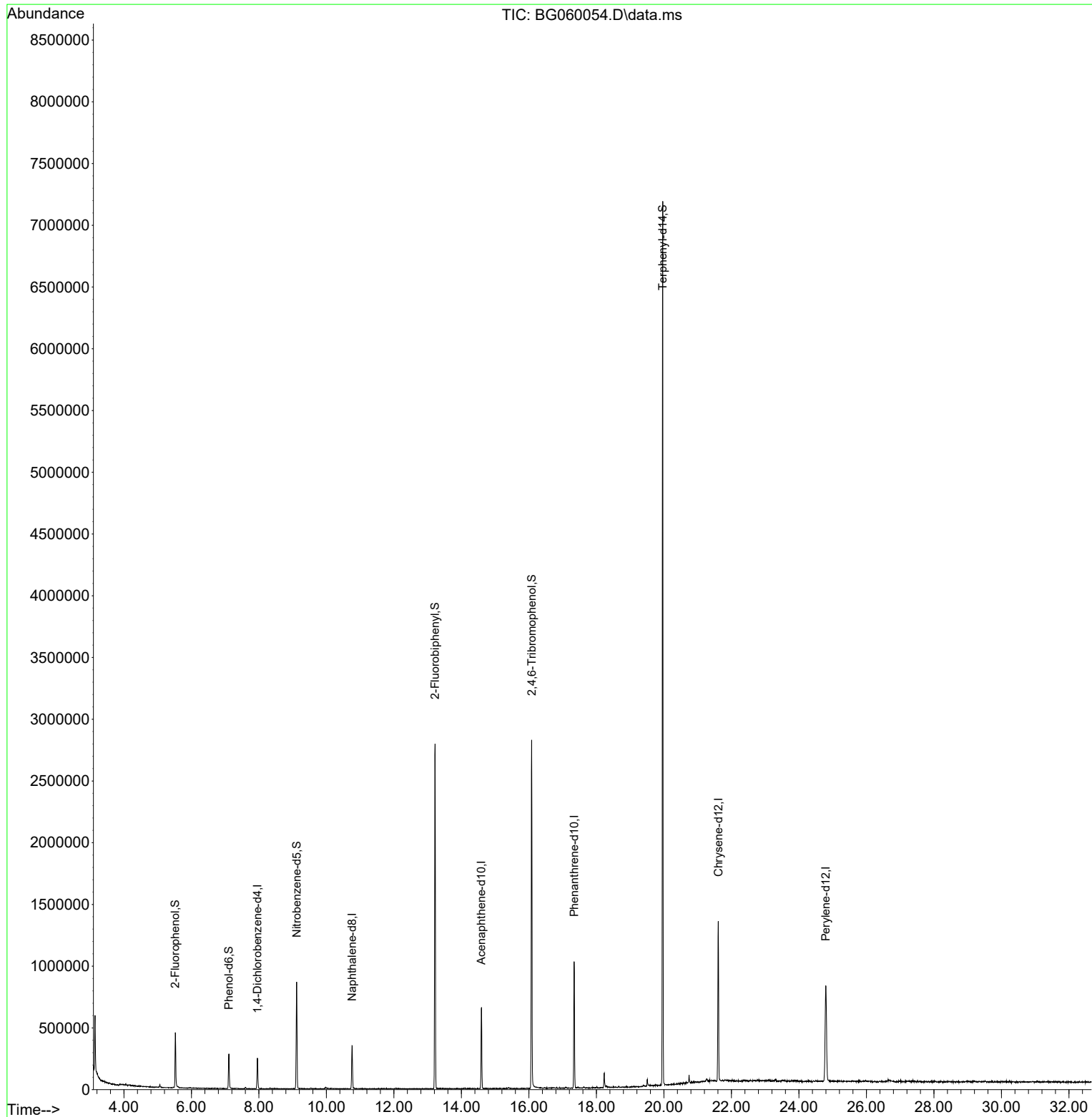
Target Compounds	Qvalue

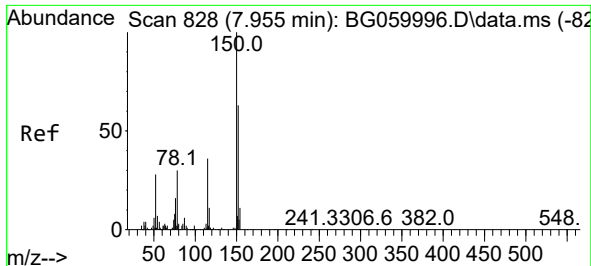
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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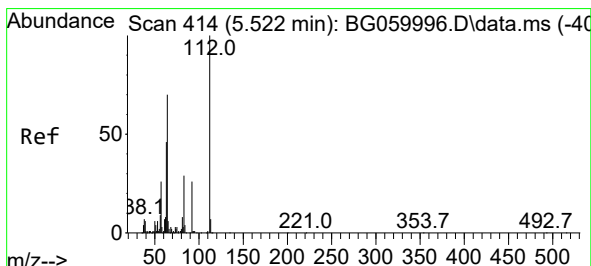
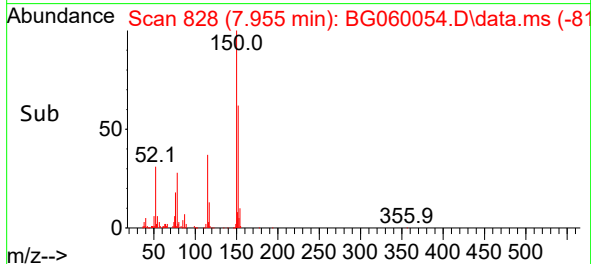
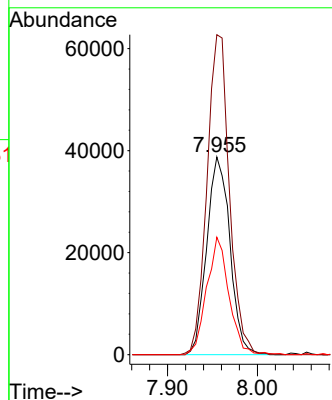
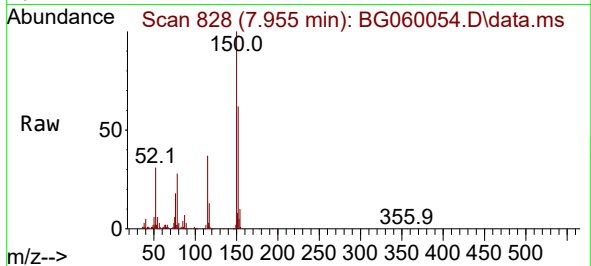




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.955 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG060054.D
 Acq: 16 Dec 2023 4:01

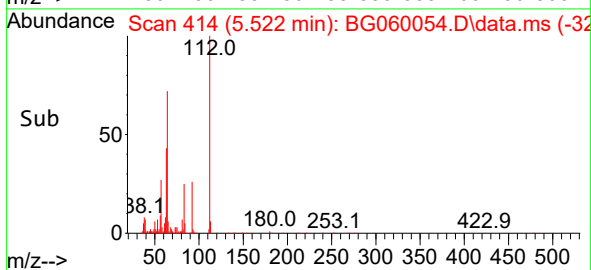
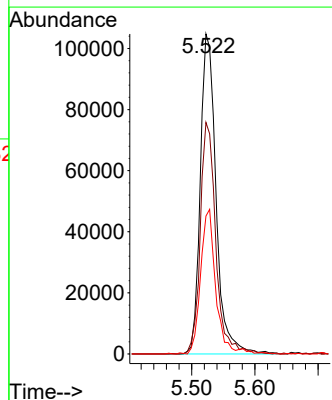
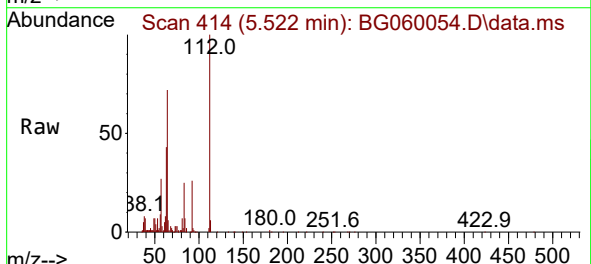
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

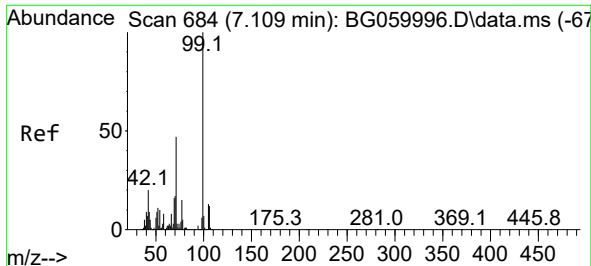
Tgt Ion:152 Resp: 69507
 Ion Ratio Lower Upper
 152 100
 150 161.8 127.0 190.6
 115 59.4 45.7 68.5



#5
 2-Fluorophenol
 Concen: 44.678 ng
 RT: 5.522 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: BG060054.D
 Acq: 16 Dec 2023 4:01

Tgt Ion:112 Resp: 181409
 Ion Ratio Lower Upper
 112 100
 64 72.4 55.9 83.9
 63 43.1 36.5 54.7

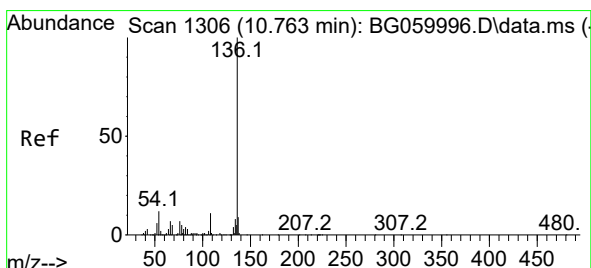
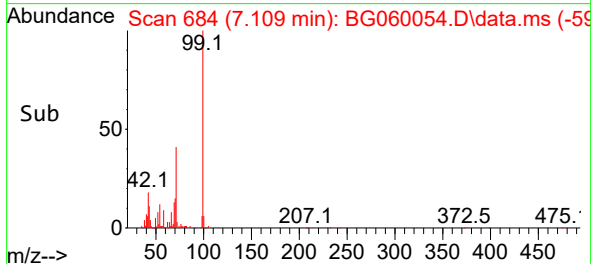
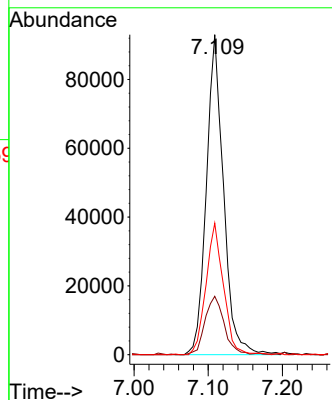
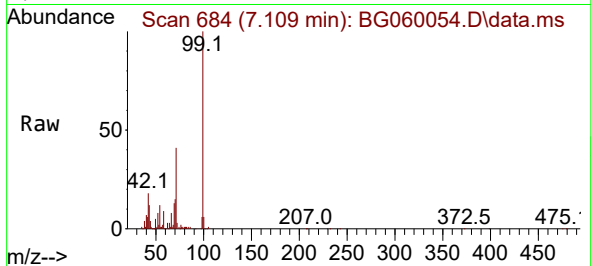




#7
Phenol-d6
Concen: 26.204 ng
RT: 7.109 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

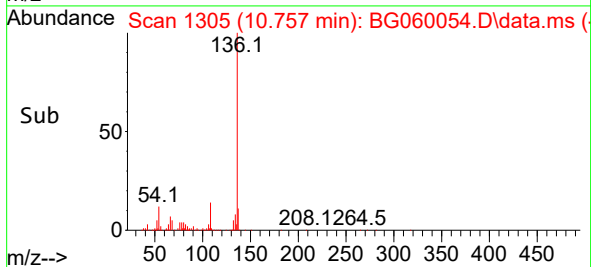
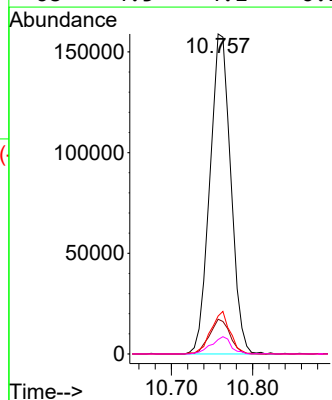
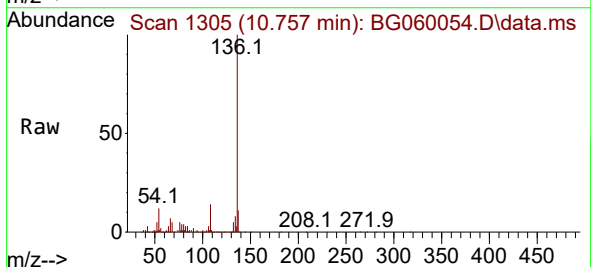
Instrument :
BNA_G
ClientSampleId :
MW-4

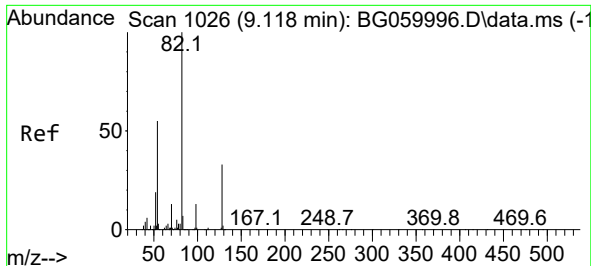
Tgt Ion: 99 Resp: 149664
Ion Ratio Lower Upper
99 100
42 18.3 16.2 24.4
71 41.1 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Tgt Ion: 136 Resp: 284153
Ion Ratio Lower Upper
136 100
137 10.9 7.3 10.9
54 11.8 9.6 14.4
68 4.5 4.1 6.1

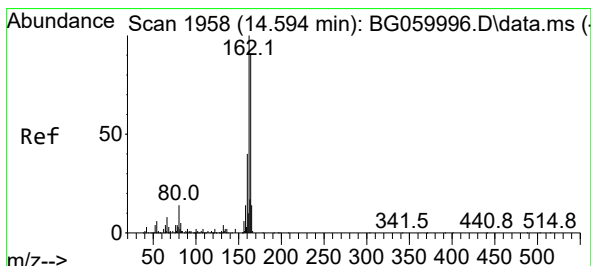
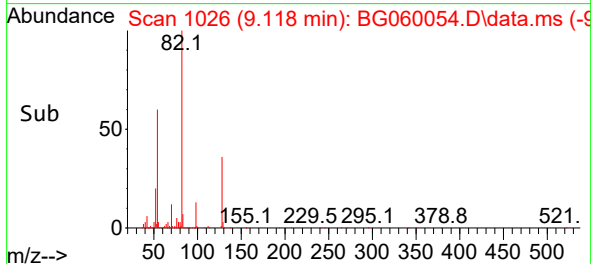
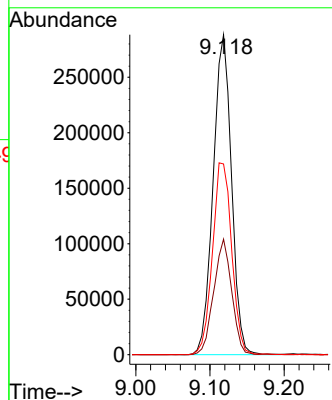
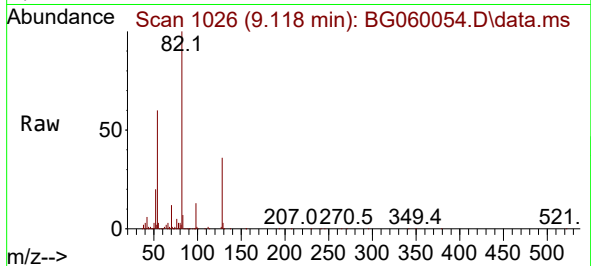




#23
Nitrobenzene-d5
Concen: 79.130 ng
RT: 9.118 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

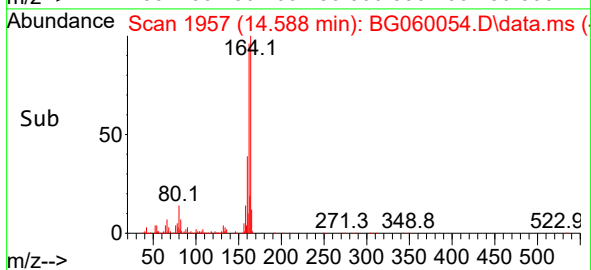
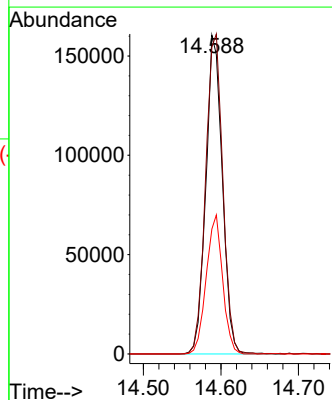
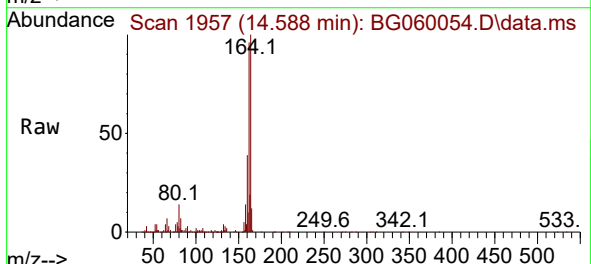
Instrument :
BNA_G
ClientSampleId :
MW-4

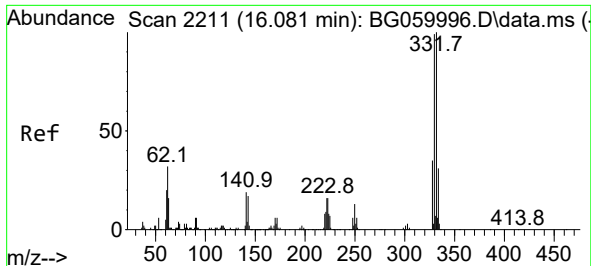
Tgt Ion: 82 Resp: 495176
Ion Ratio Lower Upper
82 100
128 36.1 26.3 39.5
54 59.6 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Tgt Ion: 164 Resp: 236125
Ion Ratio Lower Upper
164 100
162 96.3 88.1 132.1
160 39.2 35.4 53.0

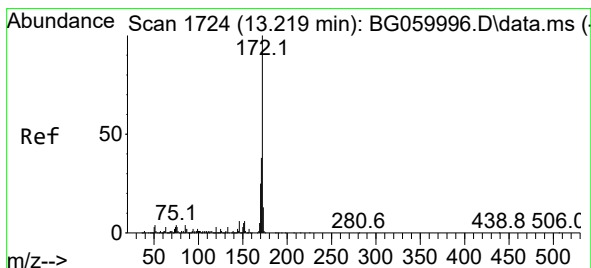
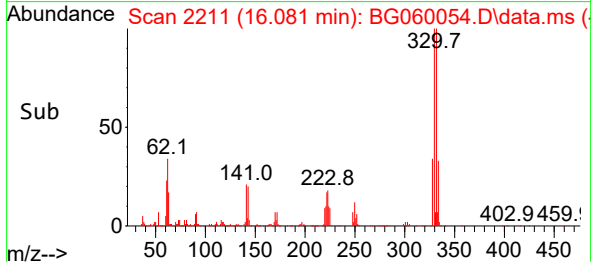
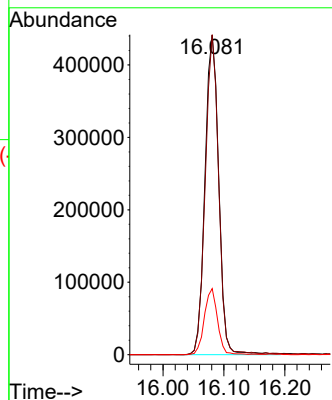
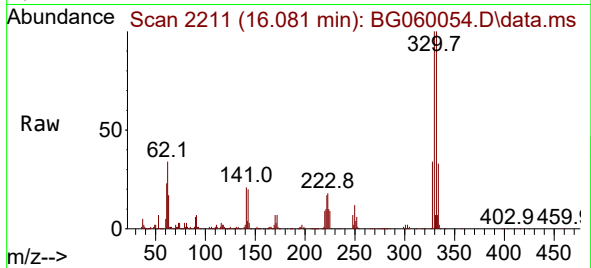




#42
2,4,6-Tribromophenol
Concen: 125.918 ng
RT: 16.081 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

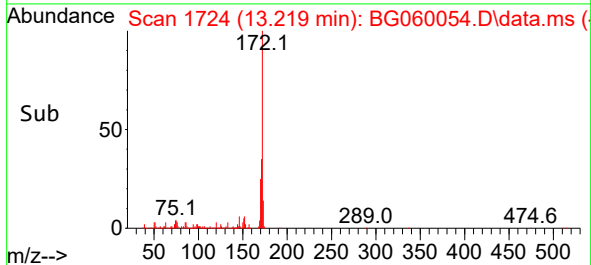
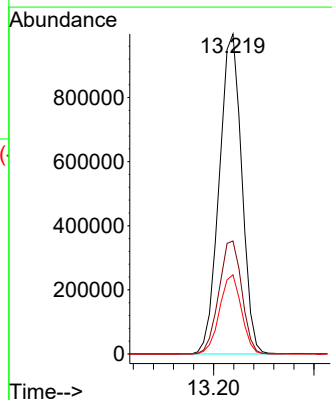
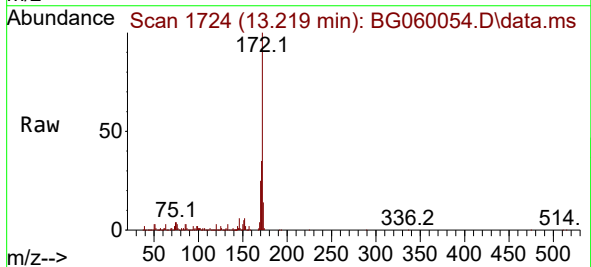
Instrument :
BNA_G
ClientSampleId :
MW-4

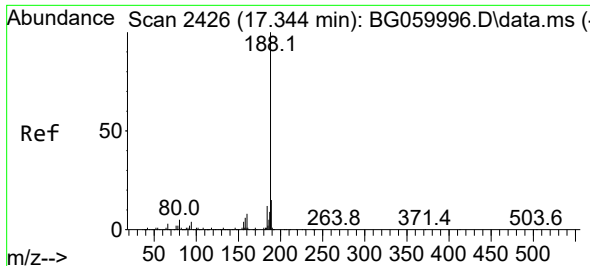
Tgt Ion:330 Resp: 692903
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 19.9 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 80.410 ng
RT: 13.219 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Tgt Ion:172 Resp: 1551345
Ion Ratio Lower Upper
172 100
171 35.3 30.1 45.1
170 24.7 20.0 30.0

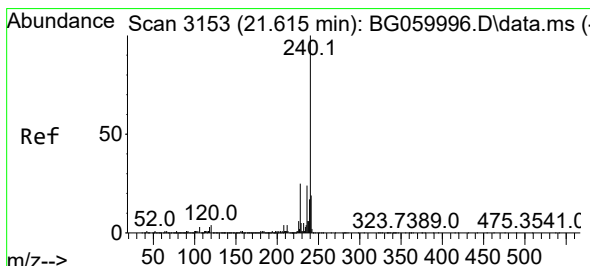
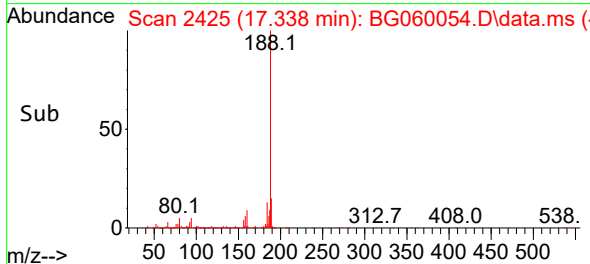
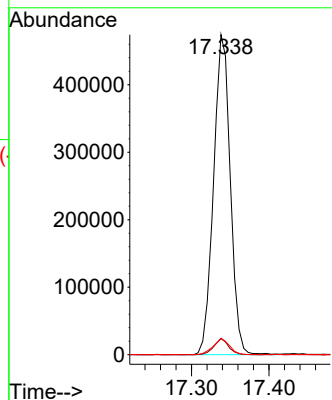
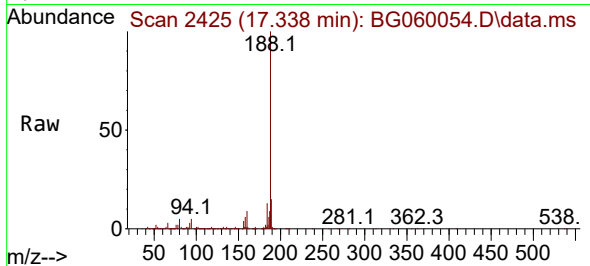




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

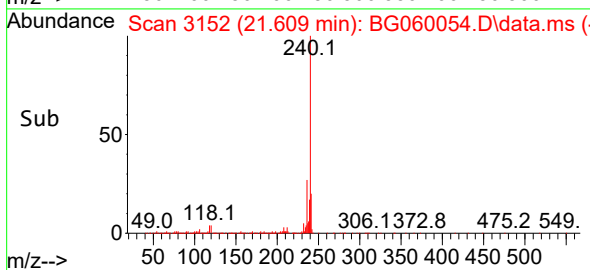
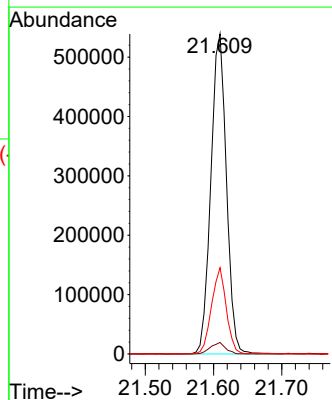
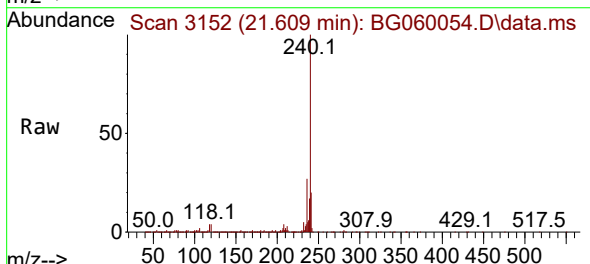
Instrument :
BNA_G
ClientSampleId :
MW-4

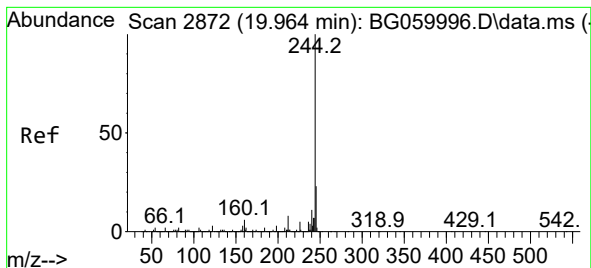
Tgt Ion:188 Resp: 709972
Ion Ratio Lower Upper
188 100
94 5.0 3.0 4.6#
80 5.2 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.609 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG060054.D
Acq: 16 Dec 2023 4:01

Tgt Ion:240 Resp: 855780
Ion Ratio Lower Upper
240 100
120 3.6 2.9 4.3
236 26.9 19.4 29.2





#79

Terphenyl-d14

Concen: 82.530 ng

RT: 19.964 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060054.D

Acq: 16 Dec 2023 4:01

Instrument :

BNA_G

ClientSampleId :

MW-4

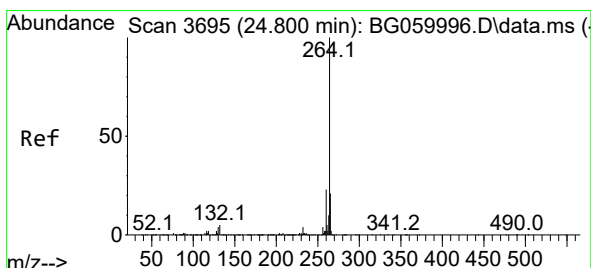
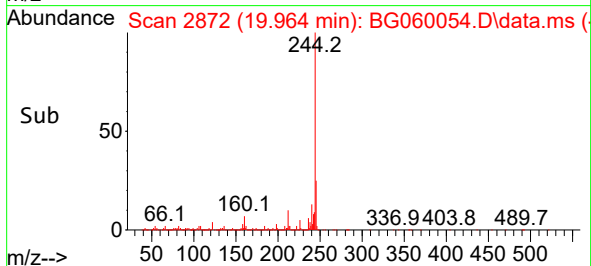
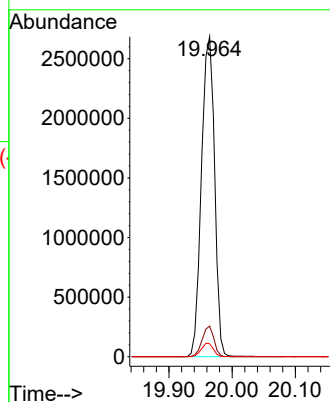
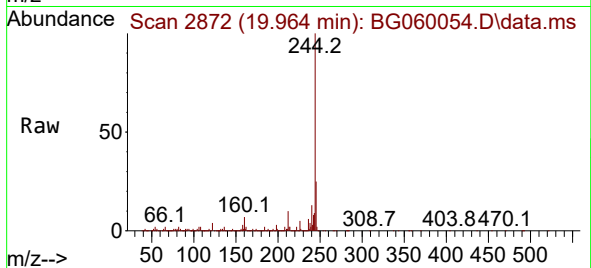
Tgt Ion:244 Resp: 3868508

Ion Ratio Lower Upper

244 100

212 9.5 6.8 10.2

122 4.0 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: BG060054.D

Acq: 16 Dec 2023 4:01

Tgt Ion:264 Resp: 990219

Ion Ratio Lower Upper

264 100

260 21.1 18.5 27.7

265 21.1 17.3 25.9

