

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060059.D
 Acq On : 16 Dec 2023 7:23
 Operator : MA/JU
 Sample : 05688-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PMW-1

Quant Time: Dec 18 00:10:59 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	7.954	152	61605	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	261688	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	223829	20.000	ng	0.00
64) Phenanthrene-d10	17.337	188	716276	20.000	ng	0.00
76) Chrysene-d12	21.608	240	859988	20.000	ng	0.00
86) Perylene-d12	24.799	264	998364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	186059	51.701	ng	0.00
7) Phenol-d6	7.108	99	161476	31.898	ng	0.00
23) Nitrobenzene-d5	9.117	82	443778	77.005	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	687686	131.835	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1427501	78.056	ng	0.00
79) Terphenyl-d14	19.963	244	3731967	79.228	ng	0.00

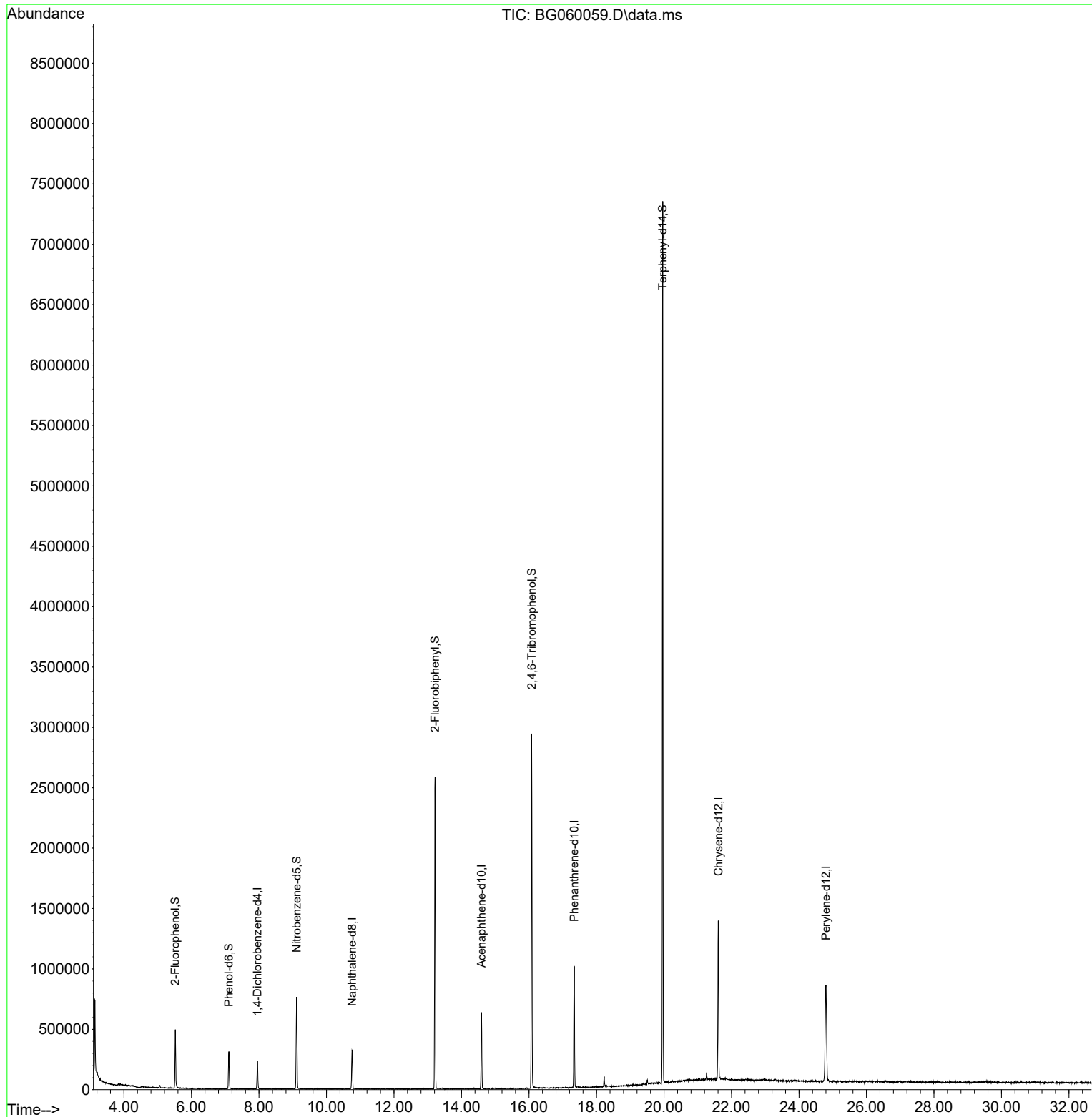
Target Compounds	Qvalue

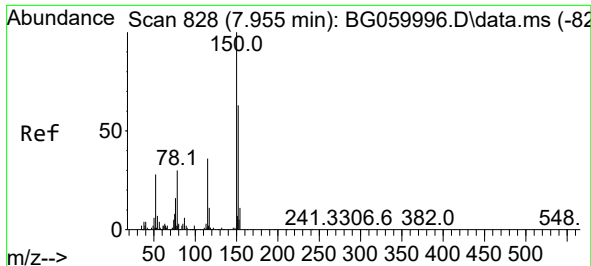
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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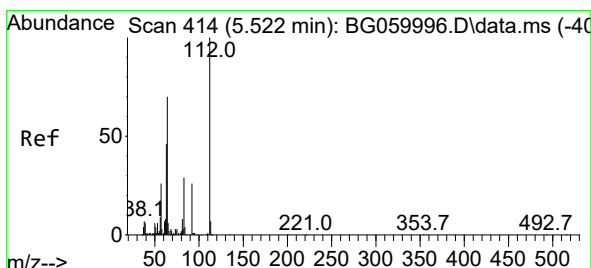
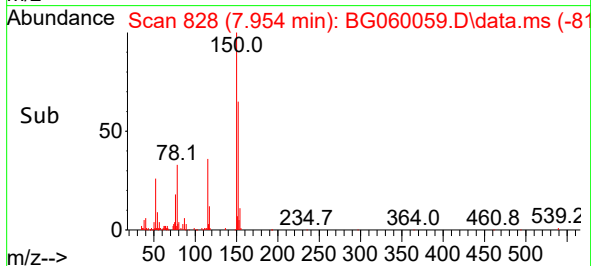
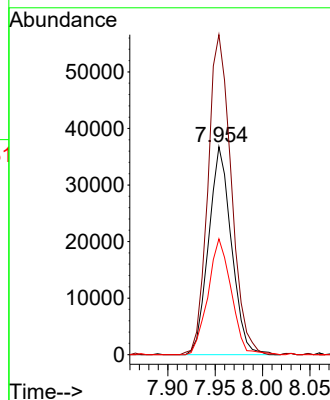
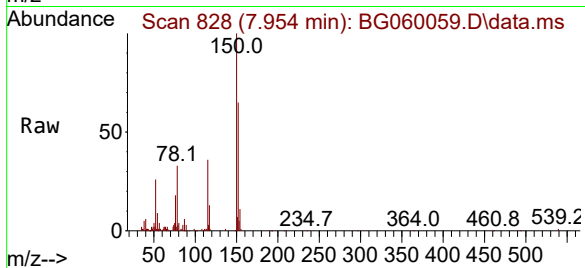




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.954 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG060059.D
 Acq: 16 Dec 2023 7:23

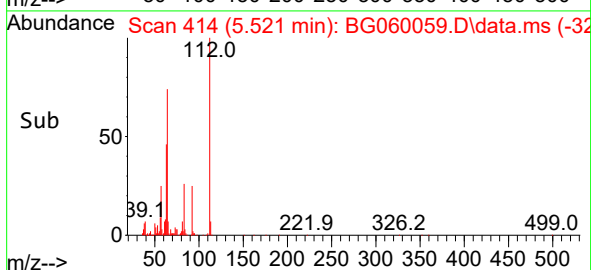
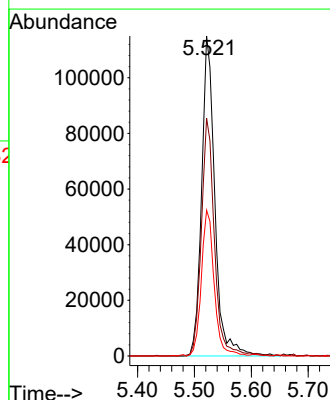
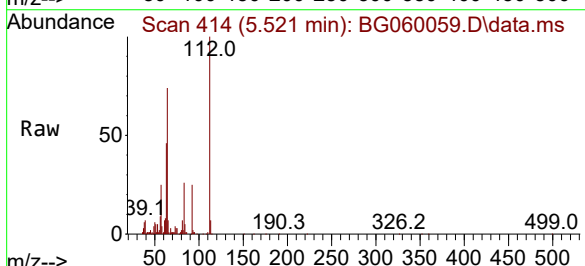
Instrument :
 BNA_G
 ClientSampleId :
 PMW-1

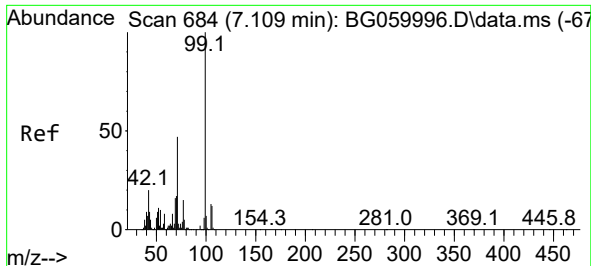
Tgt Ion:152 Resp: 61605
 Ion Ratio Lower Upper
 152 100
 150 153.9 127.0 190.6
 115 55.7 45.7 68.5



#5
 2-Fluorophenol
 Concen: 51.701 ng
 RT: 5.521 min Scan# 414
 Delta R.T. -0.001 min
 Lab File: BG060059.D
 Acq: 16 Dec 2023 7:23

Tgt Ion:112 Resp: 186059
 Ion Ratio Lower Upper
 112 100
 64 74.3 55.9 83.9
 63 45.6 36.5 54.7

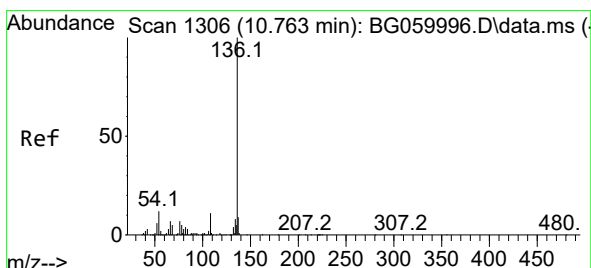
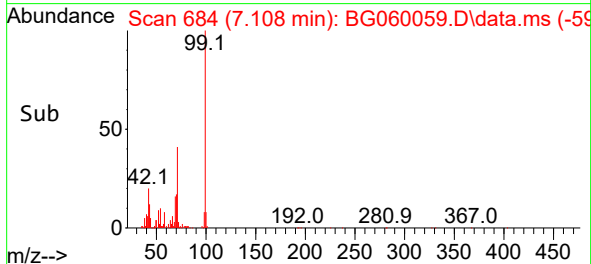
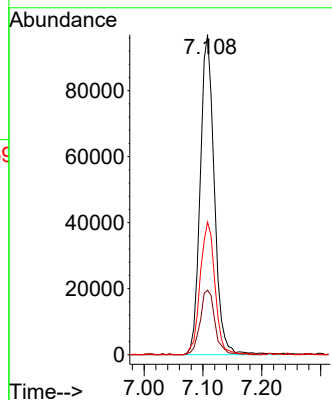
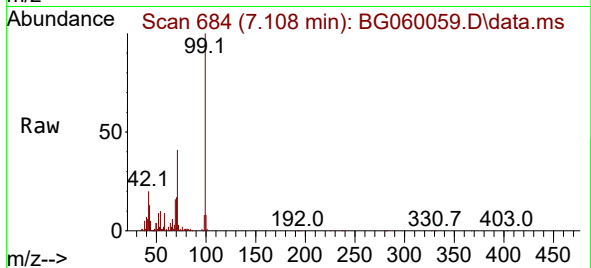




#7
Phenol-d6
Concen: 31.898 ng
RT: 7.108 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

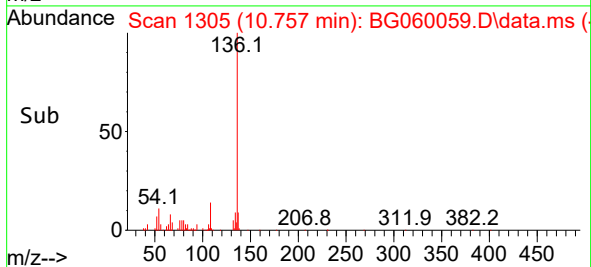
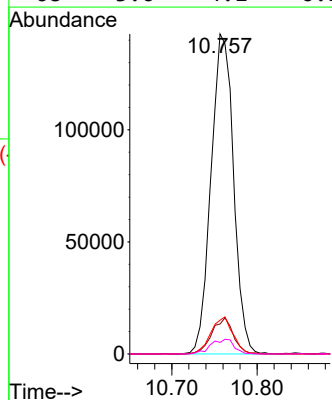
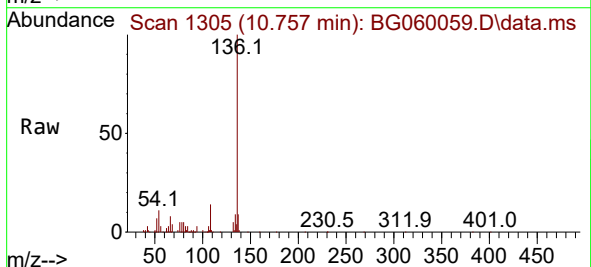
Instrument :
BNA_G
ClientSampleId :
PMW-1

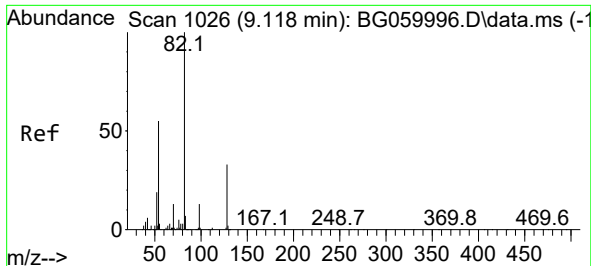
Tgt Ion: 99 Resp: 161476
Ion Ratio Lower Upper
99 100
42 20.2 16.2 24.4
71 41.5 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1305
Delta R.T. -0.007 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

Tgt Ion:136 Resp: 261688
Ion Ratio Lower Upper
136 100
137 9.4 7.3 10.9
54 10.5 9.6 14.4
68 3.6 4.1 6.1#

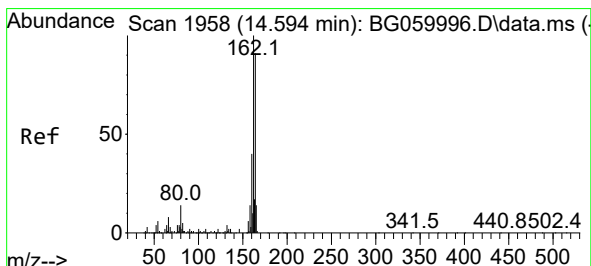
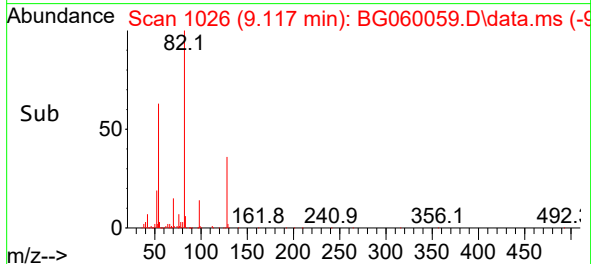
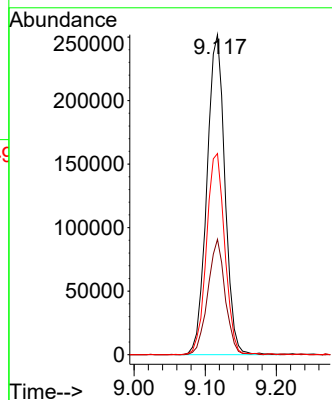
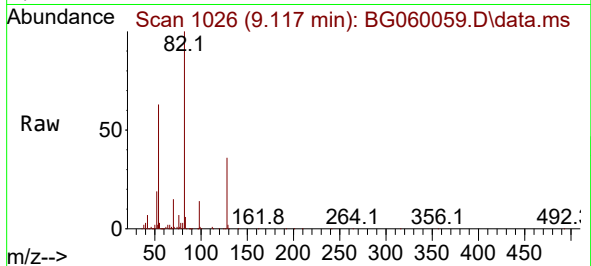




#23
Nitrobenzene-d5
Concen: 77.005 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.001 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

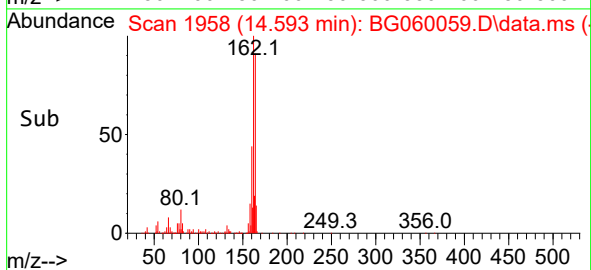
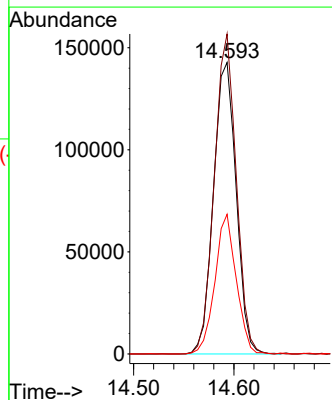
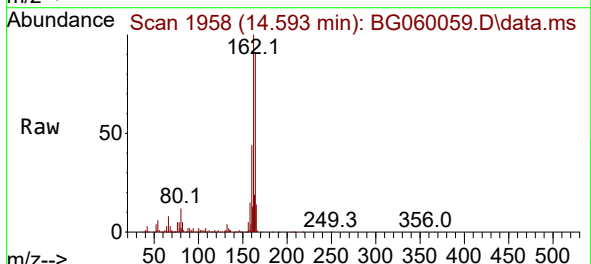
Instrument :
BNA_G
ClientSampleId :
PMW-1

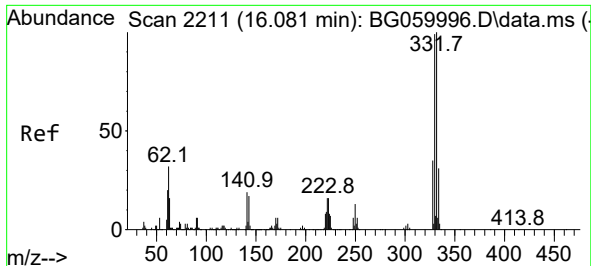
Tgt Ion: 82 Resp: 443778
Ion Ratio Lower Upper
82 100
128 36.1 26.3 39.5
54 62.9 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

Tgt Ion:164 Resp: 223829
Ion Ratio Lower Upper
164 100
162 109.8 88.1 132.1
160 47.9 35.4 53.0

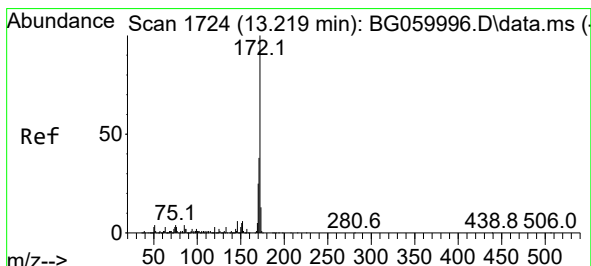
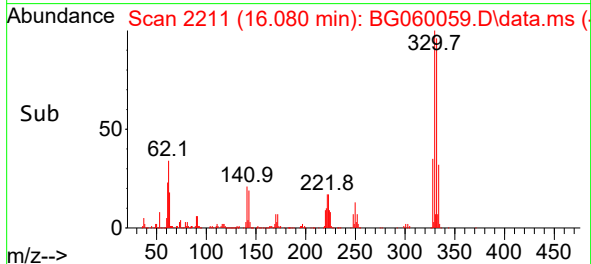
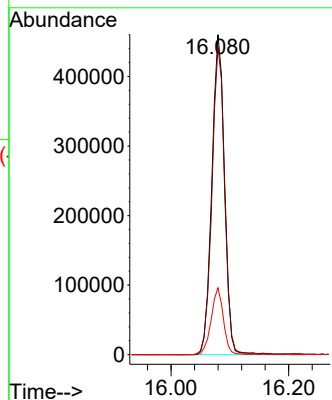
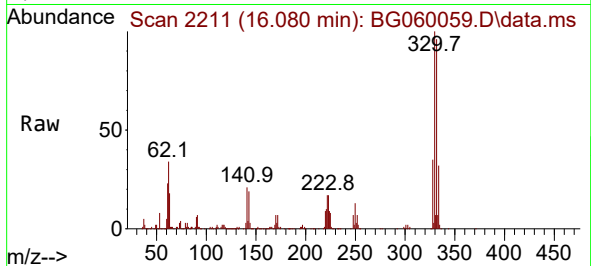




#42
2,4,6-Tribromophenol
Concen: 131.835 ng
RT: 16.080 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

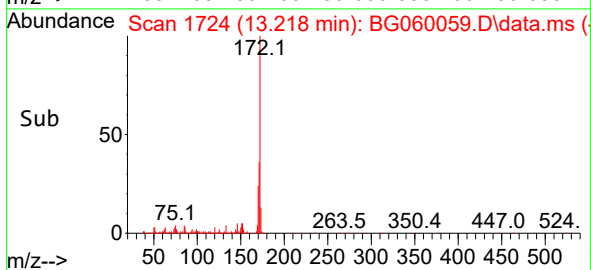
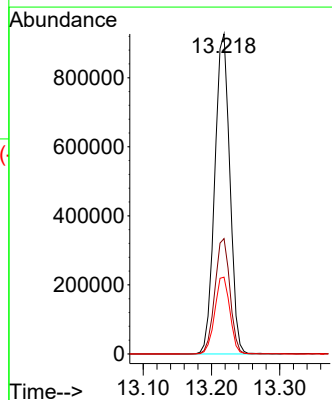
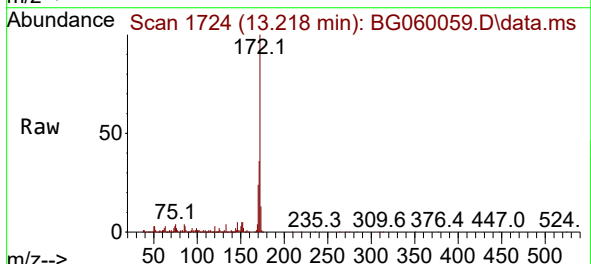
Instrument :
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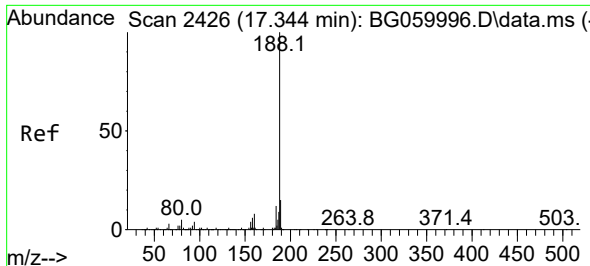
Tgt Ion:330 Resp: 687686
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 20.1 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 78.056 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

Tgt Ion:172 Resp: 1427501
Ion Ratio Lower Upper
172 100
171 36.1 30.1 45.1
170 24.0 20.0 30.0

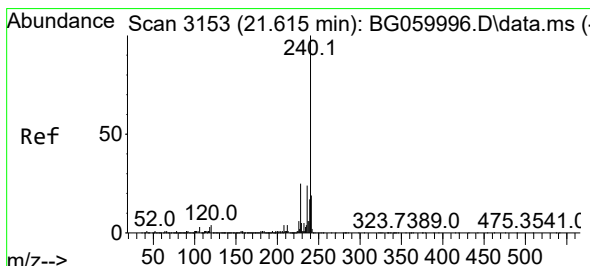
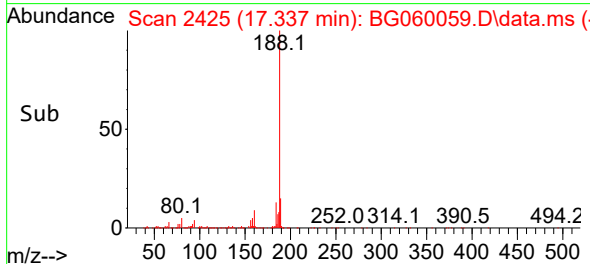
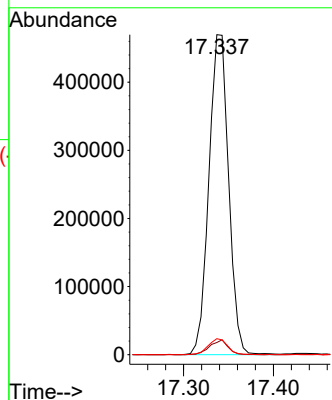
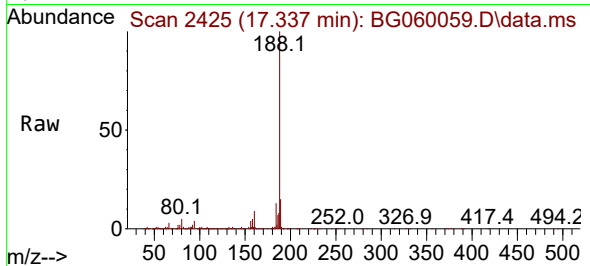




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.337 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

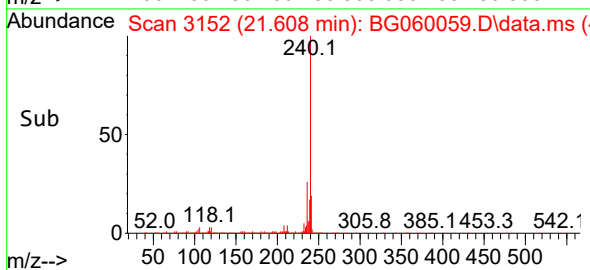
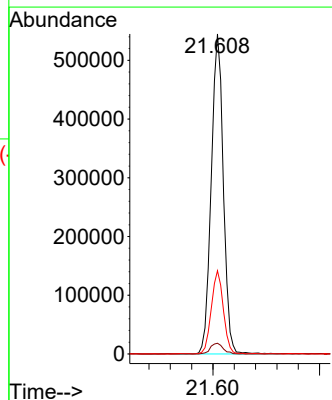
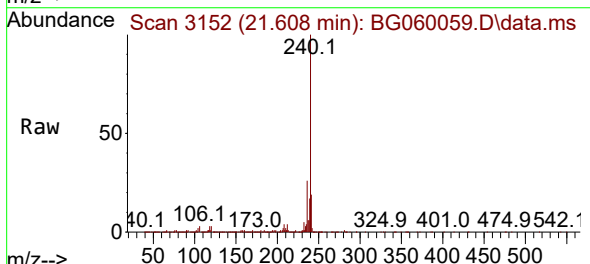
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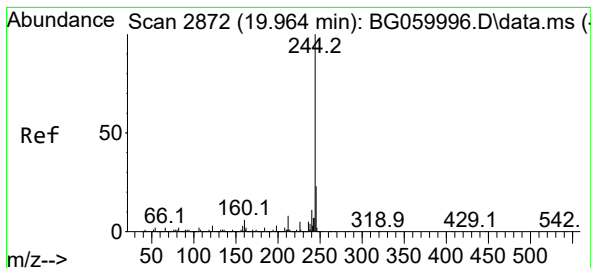
Tgt Ion:188 Resp: 716276
Ion Ratio Lower Upper
188 100
94 3.8 3.0 4.6
80 5.0 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.608 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

Tgt Ion:240 Resp: 859988
Ion Ratio Lower Upper
240 100
120 3.3 2.9 4.3
236 26.0 19.4 29.2





#79

Terphenyl-d14

Concen: 79.228 ng

RT: 19.963 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060059.D

Acq: 16 Dec 2023 7:23

Instrument :

BNA_G

ClientSampleId :

PMW-1

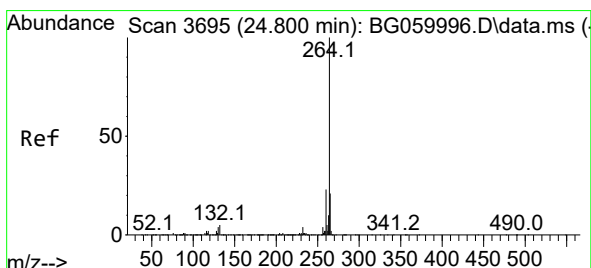
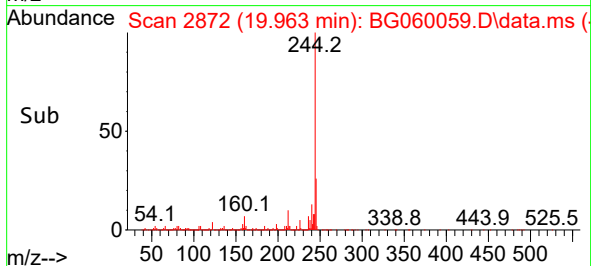
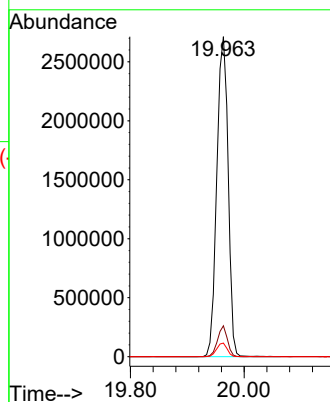
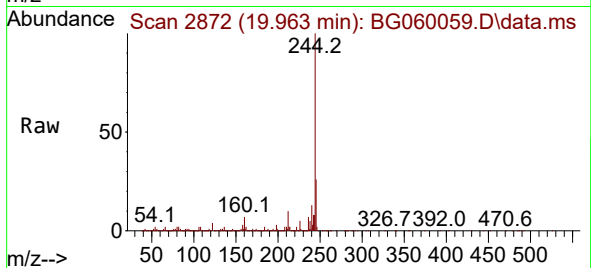
Tgt Ion:244 Resp: 3731967

Ion Ratio Lower Upper

244 100

212 9.6 6.8 10.2

122 4.3 2.6 3.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.799 min Scan# 3695

Delta R.T. -0.001 min

Lab File: BG060059.D

Acq: 16 Dec 2023 7:23

Tgt Ion:264 Resp: 998364

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.6 17.3 25.9

