

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060042.D
 Acq On : 15 Dec 2023 19:13
 Operator : MA/JU
 Sample : 05688-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PMW-2

Quant Time: Dec 16 02:05:10 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	69539	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	263975	20.000	ng	0.00
39) Acenaphthene-d10	14.593	164	218213	20.000	ng	0.00
64) Phenanthrene-d10	17.343	188	659736	20.000	ng	0.00
76) Chrysene-d12	21.608	240	774342	20.000	ng	0.00
86) Perylene-d12	24.799	264	899854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	214837	52.887	ng	0.00
7) Phenol-d6	7.108	99	178384	31.218	ng	0.00
23) Nitrobenzene-d5	9.117	82	473009	81.366	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	684462	134.594	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1527468	85.671	ng	0.00
79) Terphenyl-d14	19.963	244	3655849	86.196	ng	0.00

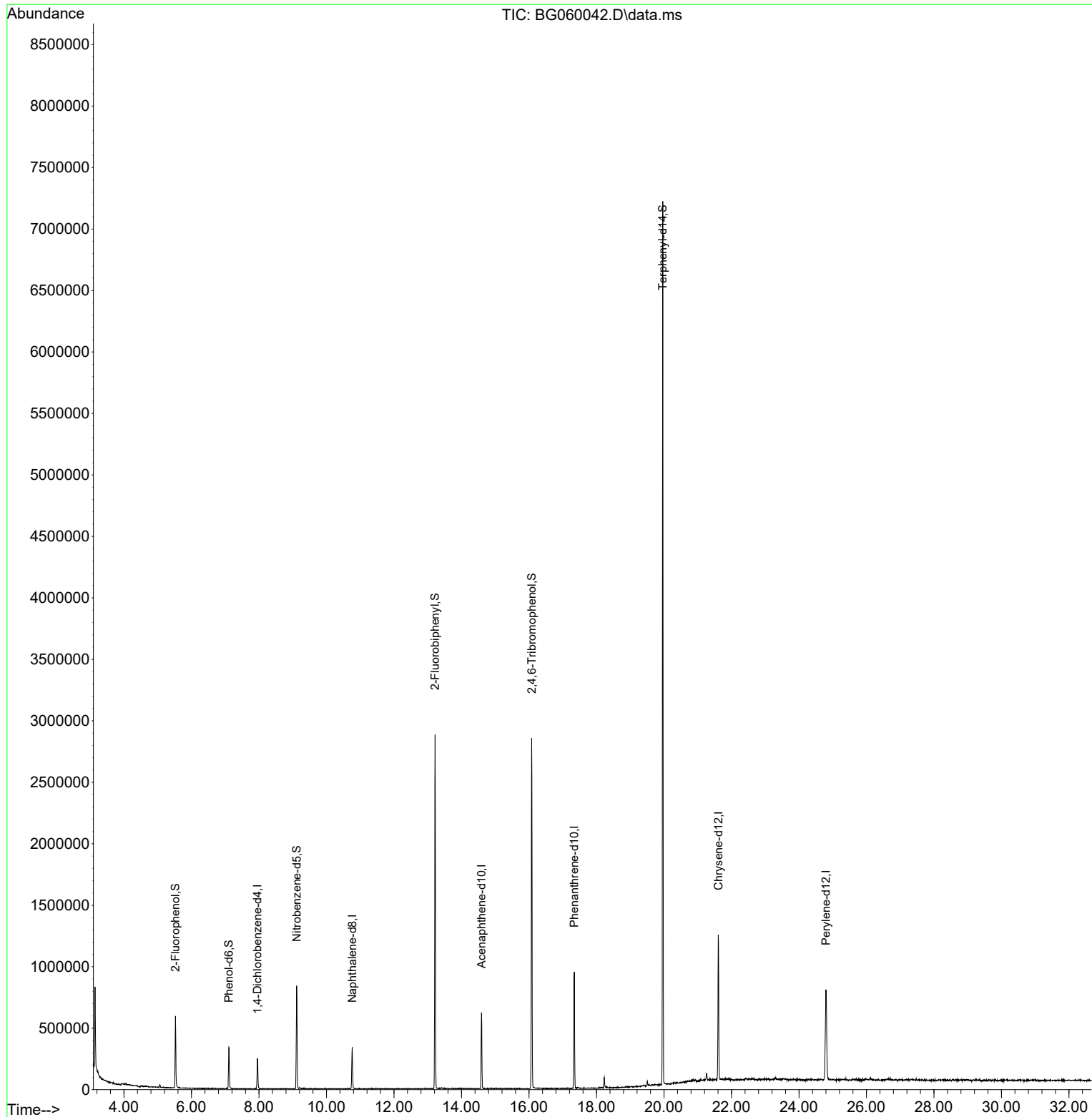
Target Compounds	Qvalue

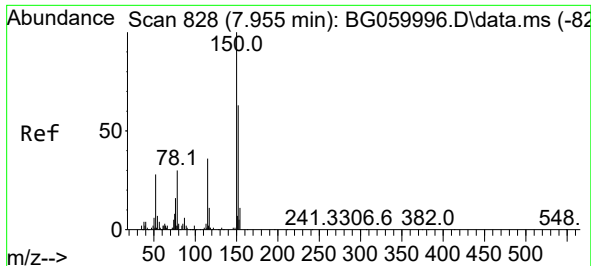
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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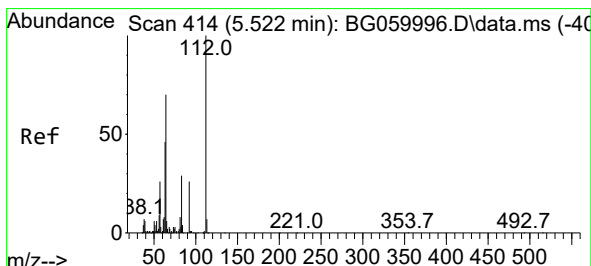
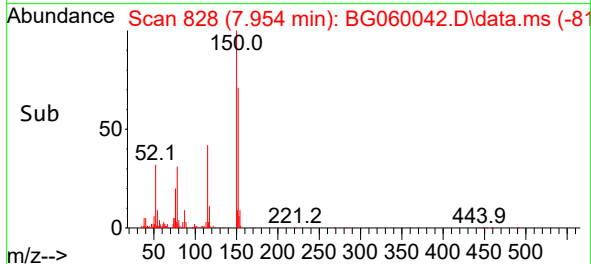
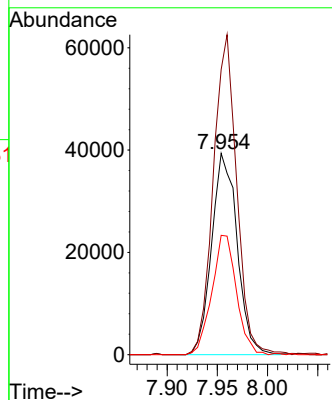
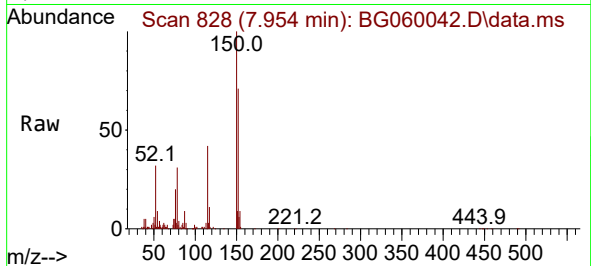




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.954 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG060042.D
 Acq: 15 Dec 2023 19:13

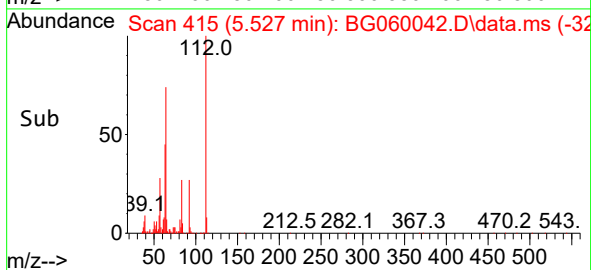
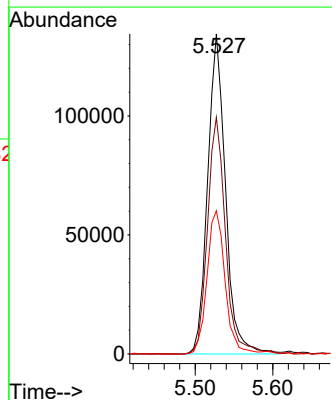
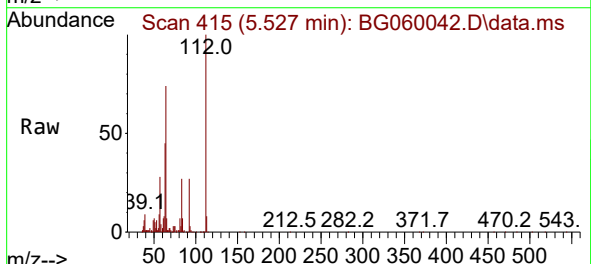
Instrument :
 BNA_G
 ClientSampleId :
 PMW-2

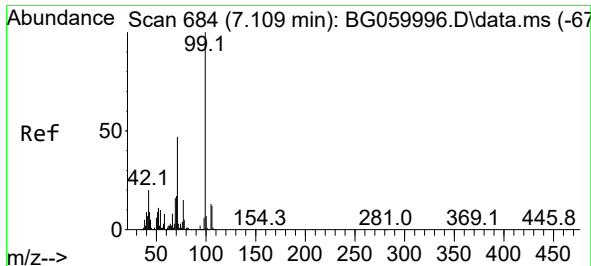
Tgt Ion:152 Resp: 69539
 Ion Ratio Lower Upper
 152 100
 150 141.6 127.0 190.6
 115 59.3 45.7 68.5



#5
 2-Fluorophenol
 Concen: 52.887 ng
 RT: 5.527 min Scan# 415
 Delta R.T. 0.005 min
 Lab File: BG060042.D
 Acq: 15 Dec 2023 19:13

Tgt Ion:112 Resp: 214837
 Ion Ratio Lower Upper
 112 100
 64 74.0 55.9 83.9
 63 44.8 36.5 54.7

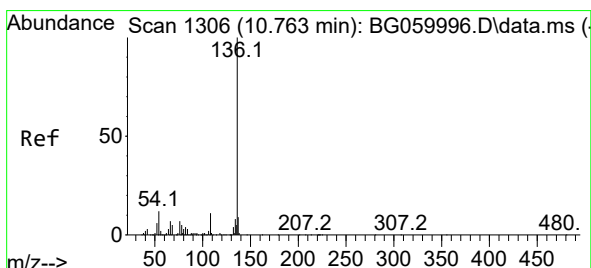
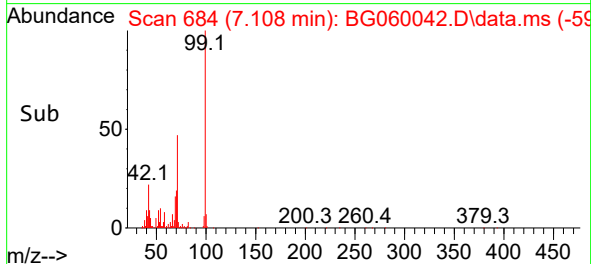
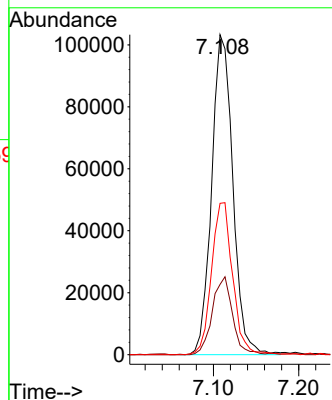
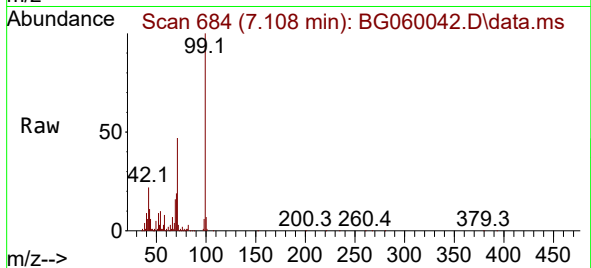




#7
Phenol-d6
Concen: 31.218 ng
RT: 7.108 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060042.D
Acq: 15 Dec 2023 19:13

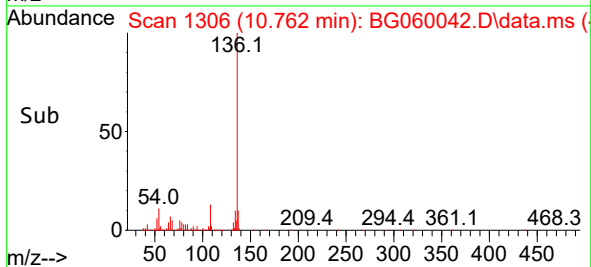
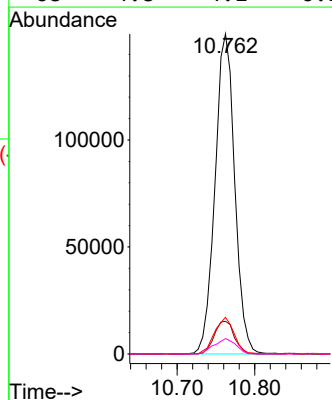
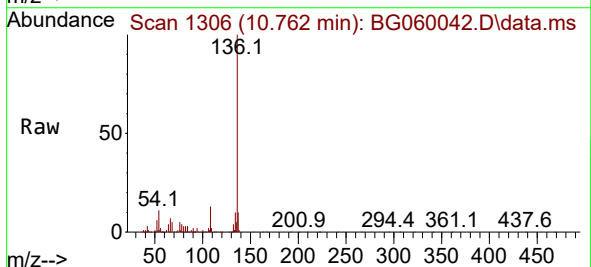
Instrument :
BNA_G
ClientSampleId :
PMW-2

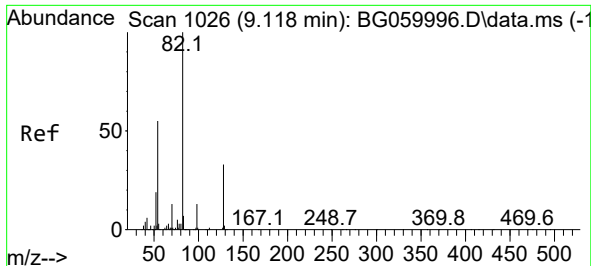
Tgt Ion: 99 Resp: 178384
Ion Ratio Lower Upper
99 100
42 22.0 16.2 24.4
71 47.3 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.001 min
Lab File: BG060042.D
Acq: 15 Dec 2023 19:13

Tgt Ion:136 Resp: 263975
Ion Ratio Lower Upper
136 100
137 10.2 7.3 10.9
54 11.4 9.6 14.4
68 4.8 4.1 6.1

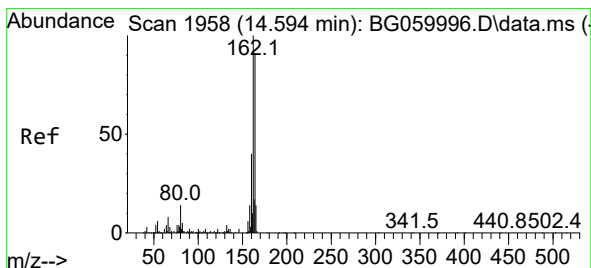
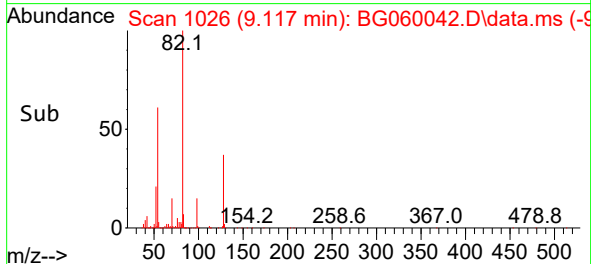
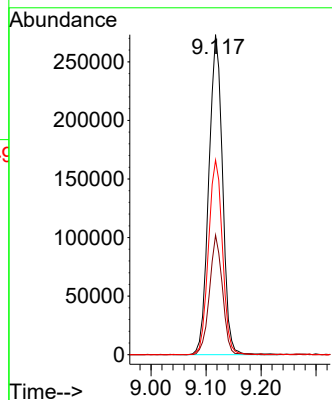
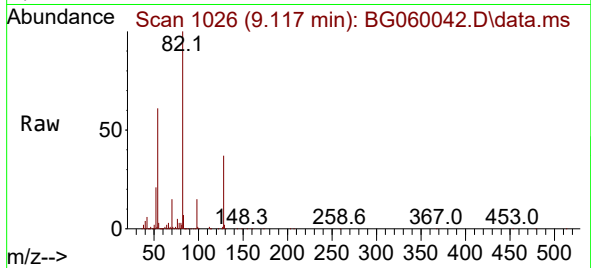




#23
Nitrobenzene-d5
Concen: 81.366 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.001 min
Lab File: BG060042.D
Acq: 15 Dec 2023 19:13

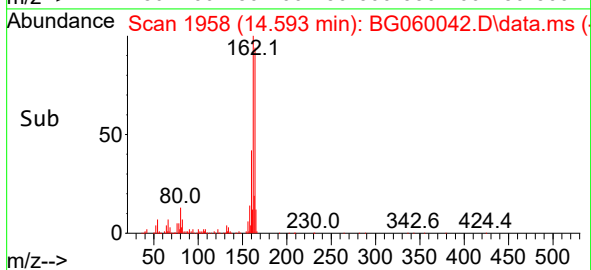
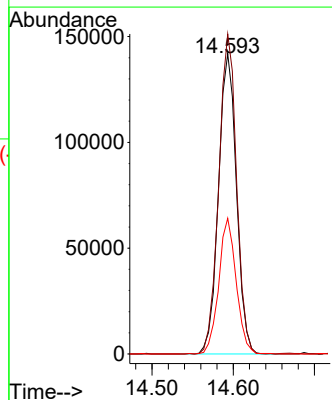
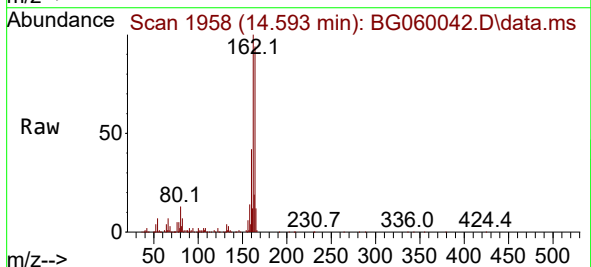
Instrument :
BNA_G
ClientSampleId :
PMW-2

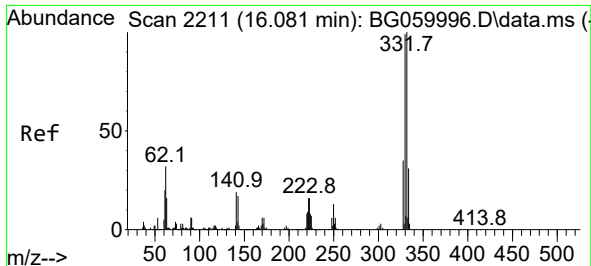
Tgt Ion: 82 Resp: 473009
Ion Ratio Lower Upper
82 100
128 37.4 26.3 39.5
54 60.8 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG060042.D
Acq: 15 Dec 2023 19:13

Tgt Ion:164 Resp: 218213
Ion Ratio Lower Upper
164 100
162 106.5 88.1 132.1
160 45.1 35.4 53.0

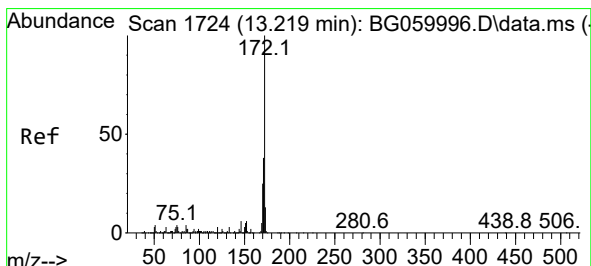
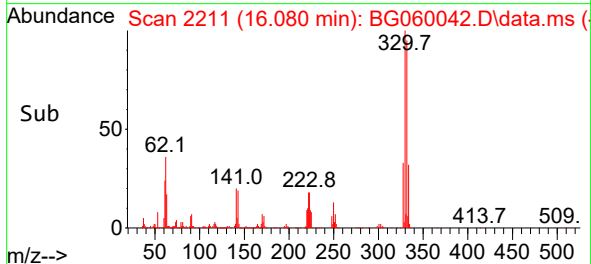
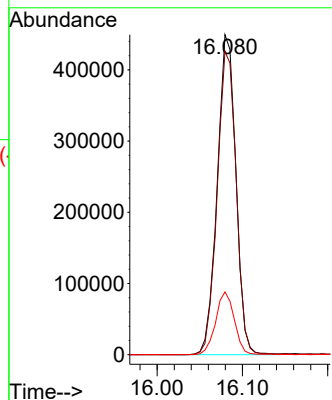
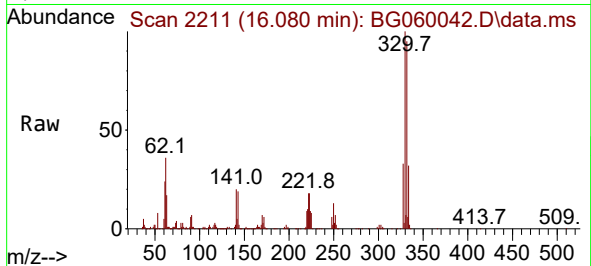




#42
2,4,6-Tribromophenol
Concen: 134.594 ng
RT: 16.080 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060042.D
Acq: 15 Dec 2023 19:13

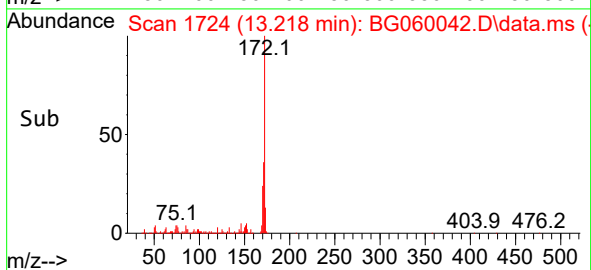
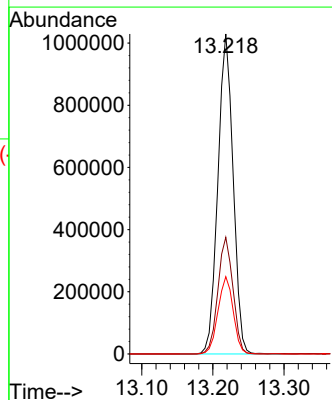
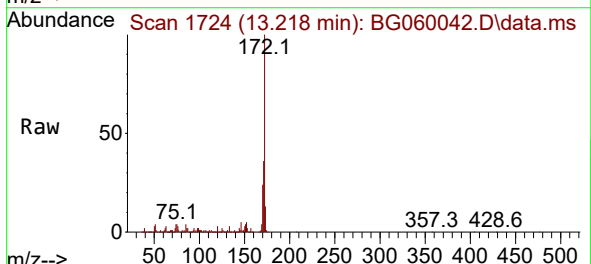
Instrument :
BNA_G
ClientSampleId :
PMW-2

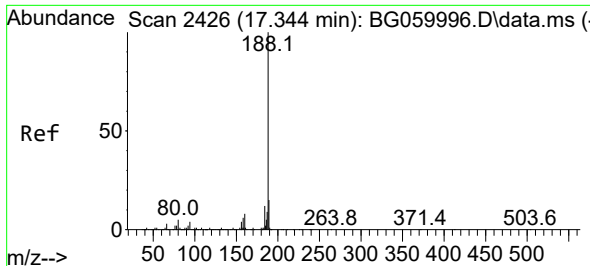
Tgt Ion:330 Resp: 684462
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 19.7 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 85.671 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG060042.D
Acq: 15 Dec 2023 19:13

Tgt Ion:172 Resp: 1527468
Ion Ratio Lower Upper
172 100
171 36.5 30.1 45.1
170 24.2 20.0 30.0

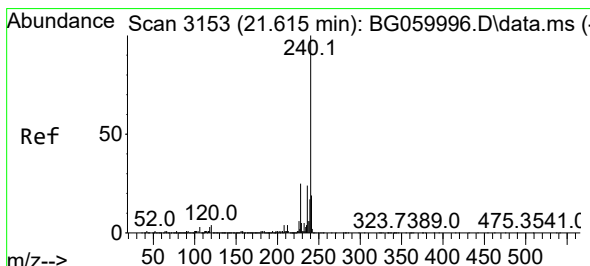
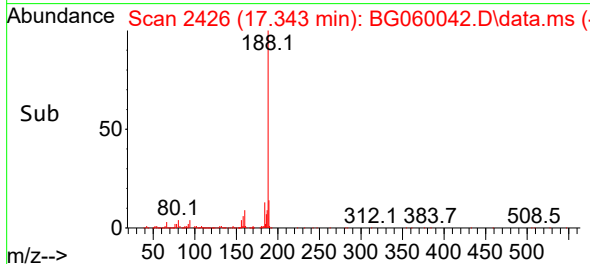
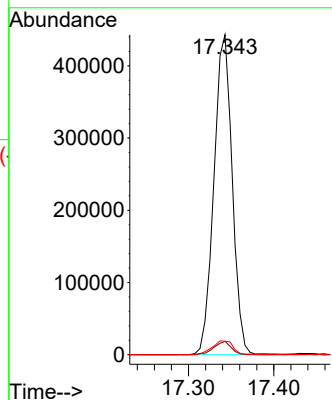
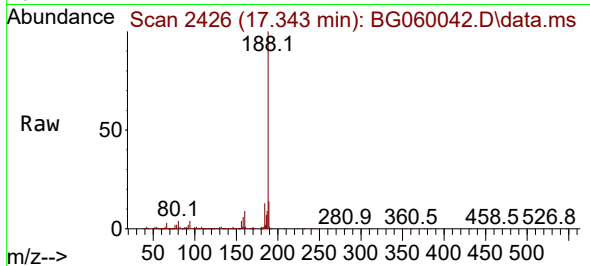




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.343 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BG060042.D
Acq: 15 Dec 2023 19:13

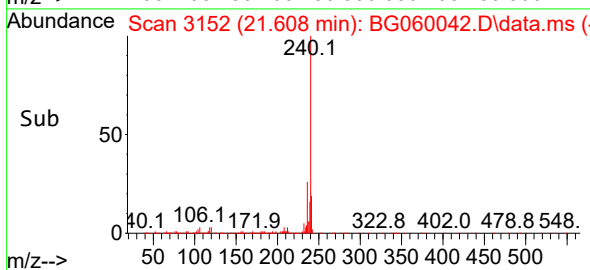
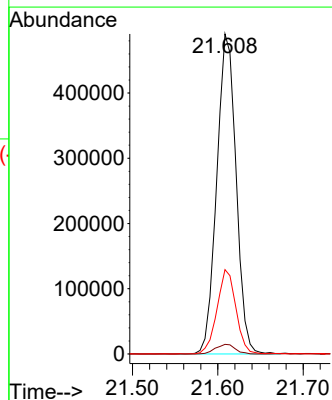
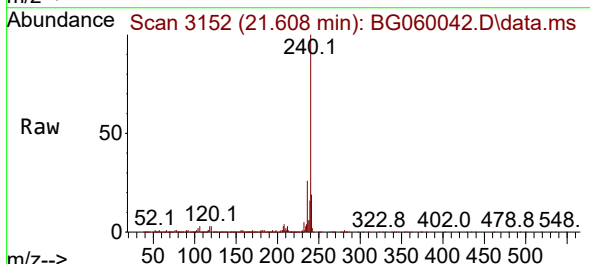
Instrument :
BNA_G
ClientSampleId :
PMW-2

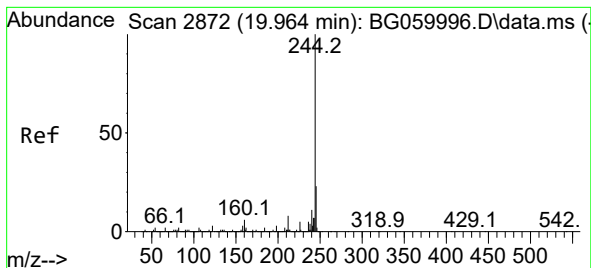
Tgt Ion:188 Resp: 659736
Ion Ratio Lower Upper
188 100
94 4.2 3.0 4.6
80 4.2 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.608 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BG060042.D
Acq: 15 Dec 2023 19:13

Tgt Ion:240 Resp: 774342
Ion Ratio Lower Upper
240 100
120 3.0 2.9 4.3
236 26.4 19.4 29.2





#79

Terphenyl-d14

Concen: 86.196 ng

RT: 19.963 min Scan# 2

Delta R.T. -0.001 min

Lab File: BG060042.D

Acq: 15 Dec 2023 19:13

Instrument :

BNA_G

ClientSampleId :

PMW-2

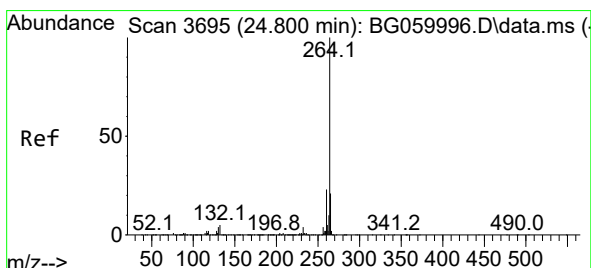
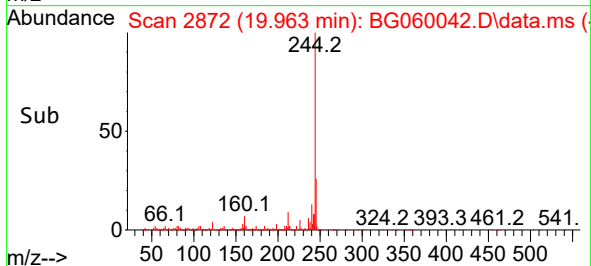
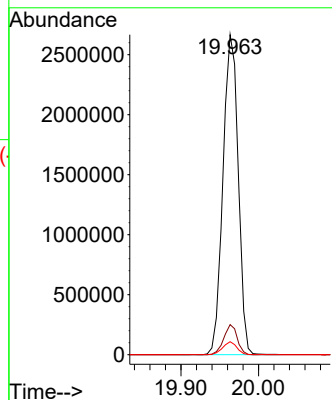
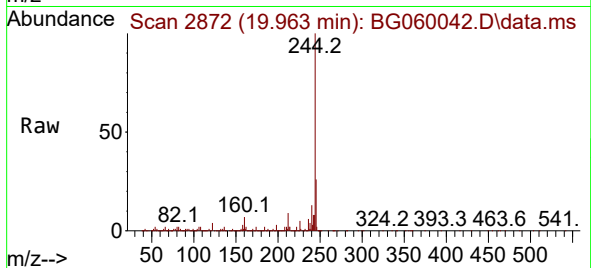
Tgt Ion:244 Resp: 3655849

Ion Ratio Lower Upper

244 100

212 9.4 6.8 10.2

122 4.0 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: BG060042.D

Acq: 15 Dec 2023 19:13

Tgt Ion:264 Resp: 899854

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 21.6 17.3 25.9

