

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060038.D
 Acq On : 15 Dec 2023 16:31
 Operator : MA/JU
 Sample : 05670-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Dec 16 02:03:05 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	7.956	152	56623	20.000	ng	0.00
21) Naphthalene-d8	10.764	136	223802	20.000	ng	0.00
39) Acenaphthene-d10	14.595	164	183166	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	597823	20.000	ng	0.00
76) Chrysene-d12	21.610	240	671138	20.000	ng	0.00
86) Perylene-d12	24.801	264	778262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	140614	42.511	ng	0.00
7) Phenol-d6	7.110	99	119043	25.585	ng	0.00
23) Nitrobenzene-d5	9.119	82	366485	74.358	ng	0.00
42) 2,4,6-Tribromophenol	16.082	330	546558	128.041	ng	0.00
45) 2-Fluorobiphenyl	13.220	172	1186804	79.301	ng	0.00
79) Terphenyl-d14	19.965	244	3180430	86.518	ng	0.00

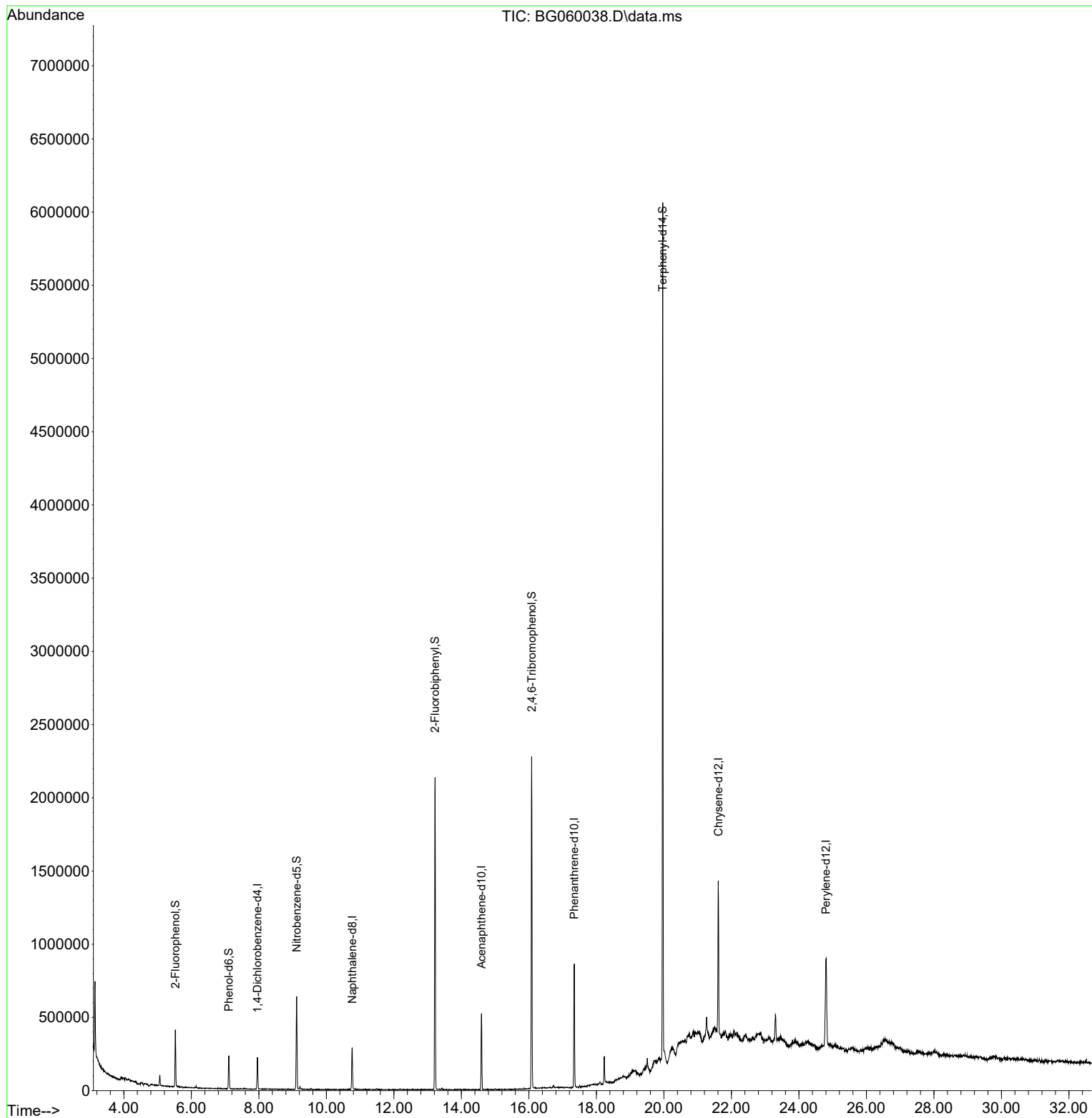
Target Compounds	Qvalue

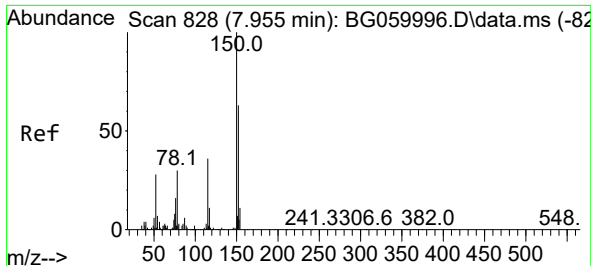
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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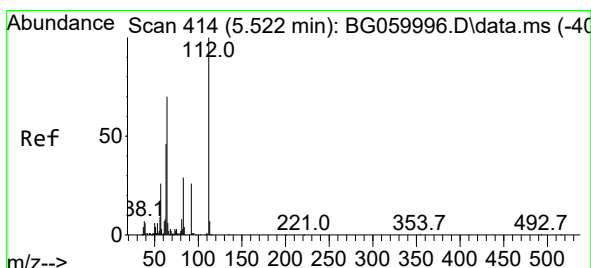
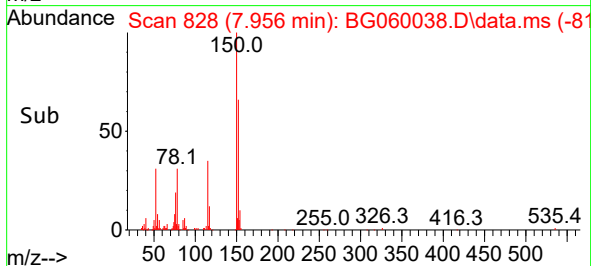
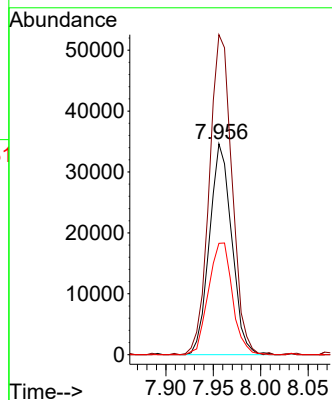
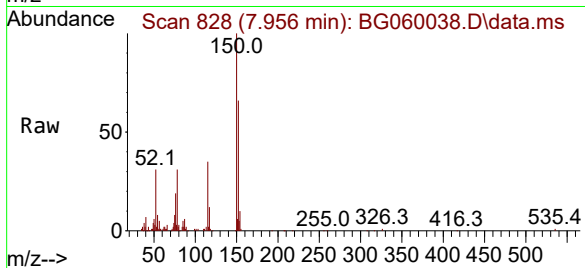




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060038.D
Acq: 15 Dec 2023 16:31

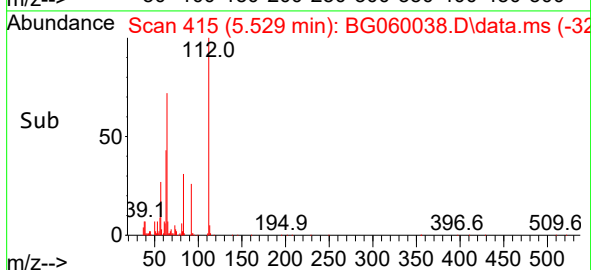
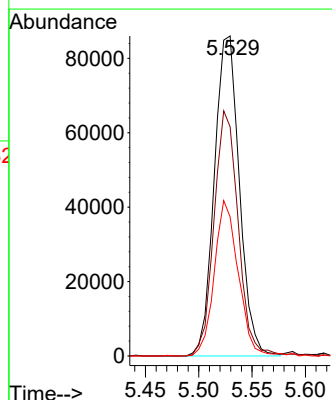
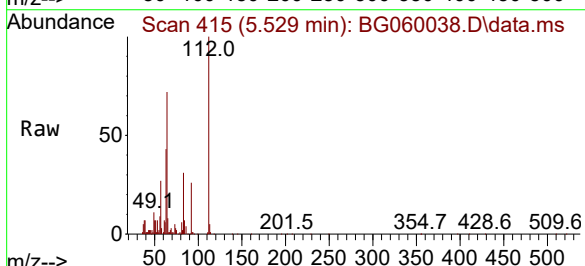
Instrument :
BNA_G
ClientSampleId :
MW-4

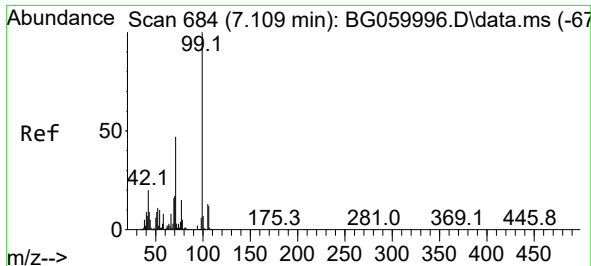
Tgt Ion:152 Resp: 56623
Ion Ratio Lower Upper
152 100
150 151.7 127.0 190.6
115 52.8 45.7 68.5



#5
2-Fluorophenol
Concen: 42.511 ng
RT: 5.529 min Scan# 415
Delta R.T. 0.007 min
Lab File: BG060038.D
Acq: 15 Dec 2023 16:31

Tgt Ion:112 Resp: 140614
Ion Ratio Lower Upper
112 100
64 71.6 55.9 83.9
63 43.5 36.5 54.7

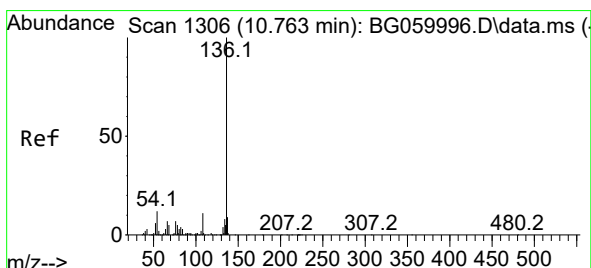
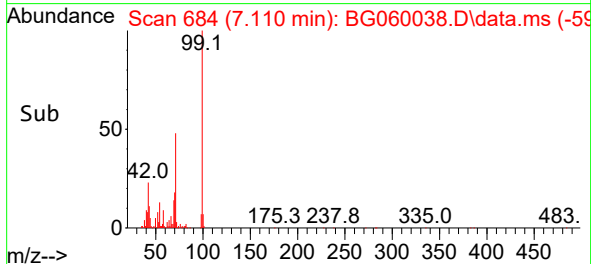
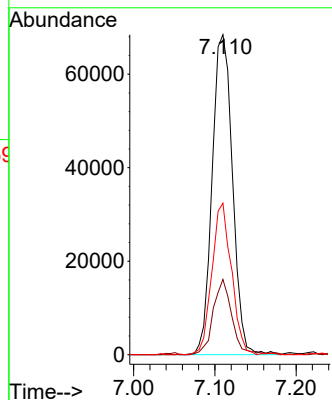
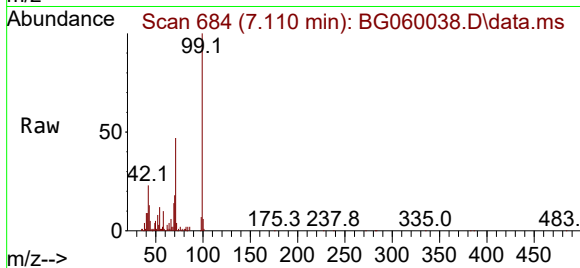




#7
Phenol-d6
Concen: 25.585 ng
RT: 7.110 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060038.D
Acq: 15 Dec 2023 16:31

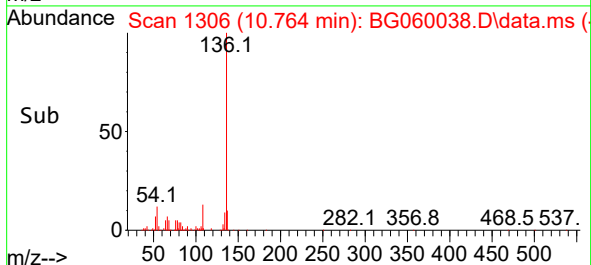
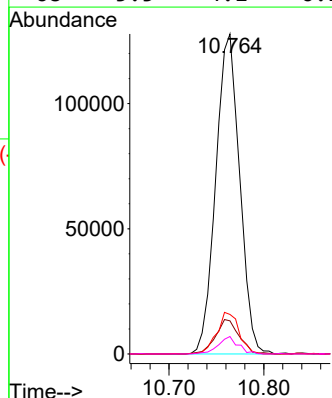
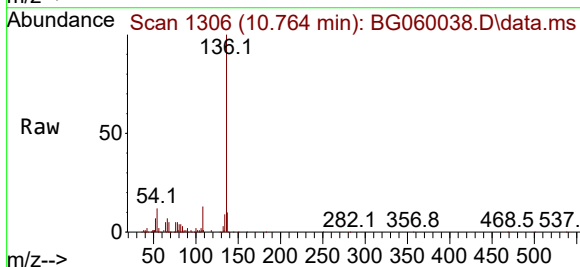
Instrument :
BNA_G
ClientSampleId :
MW-4

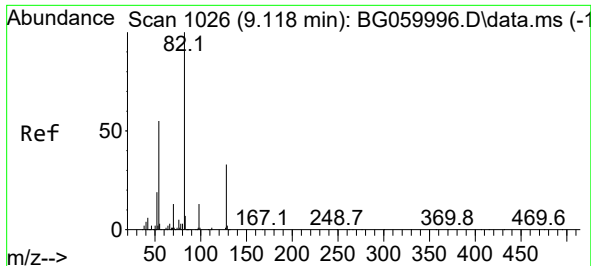
Tgt Ion: 99 Resp: 119043
Ion Ratio Lower Upper
99 100
42 23.5 16.2 24.4
71 47.3 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.764 min Scan# 1306
Delta R.T. 0.001 min
Lab File: BG060038.D
Acq: 15 Dec 2023 16:31

Tgt Ion:136 Resp: 223802
Ion Ratio Lower Upper
136 100
137 10.3 7.3 10.9
54 12.3 9.6 14.4
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 74.358 ng

RT: 9.119 min Scan# 1026

Delta R.T. 0.001 min

Lab File: BG060038.D

Acq: 15 Dec 2023 16:31

Instrument :

BNA_G

ClientSampleId :

MW-4

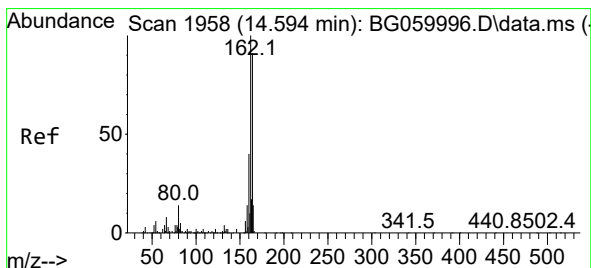
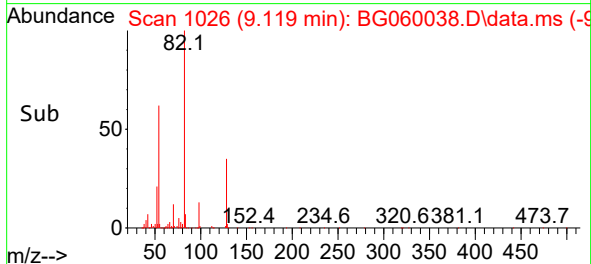
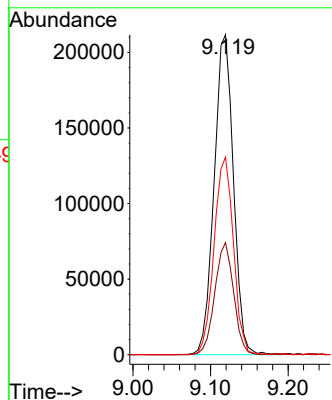
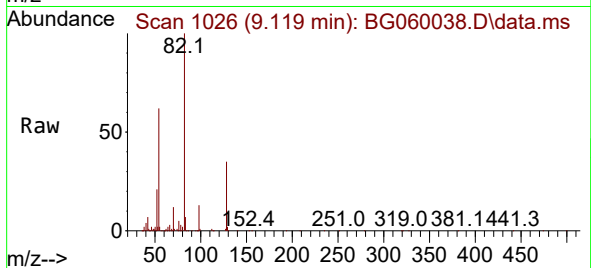
Tgt Ion: 82 Resp: 366485

Ion Ratio Lower Upper

82 100

128 35.1 26.3 39.5

54 61.7 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.595 min Scan# 1958

Delta R.T. 0.001 min

Lab File: BG060038.D

Acq: 15 Dec 2023 16:31

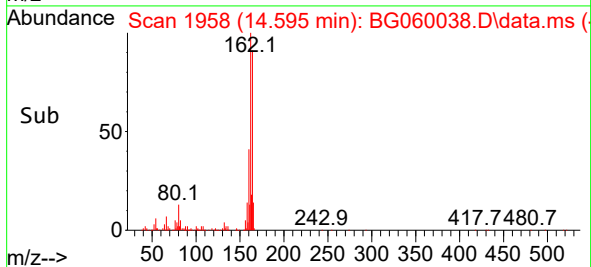
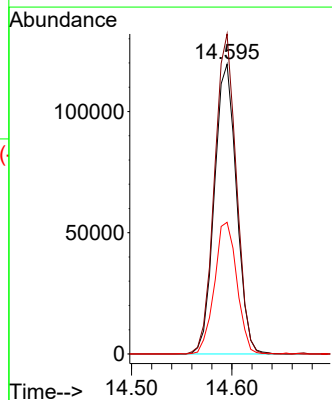
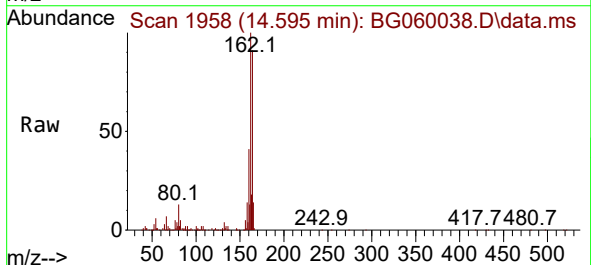
Tgt Ion:164 Resp: 183166

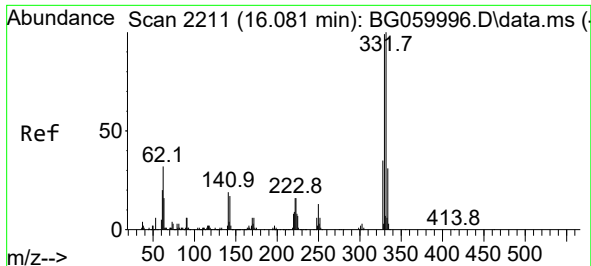
Ion Ratio Lower Upper

164 100

162 110.4 88.1 132.1

160 45.4 35.4 53.0

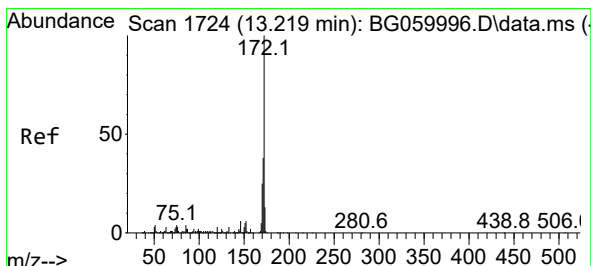
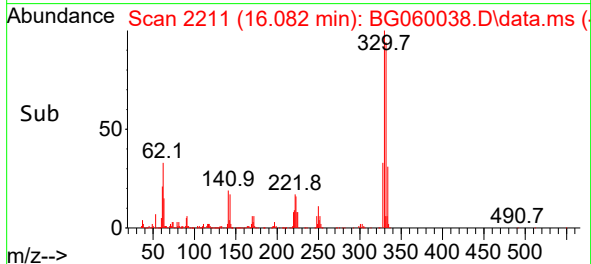
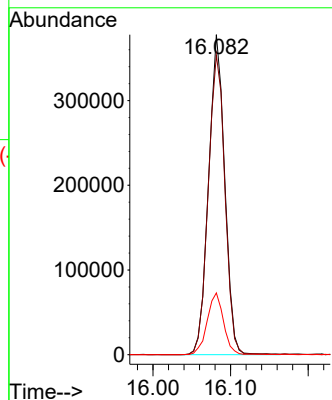
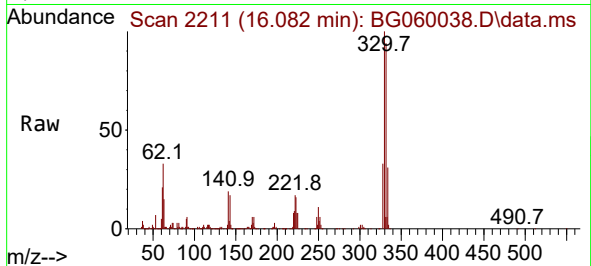




#42
2,4,6-Tribromophenol
Concen: 128.041 ng
RT: 16.082 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060038.D
Acq: 15 Dec 2023 16:31

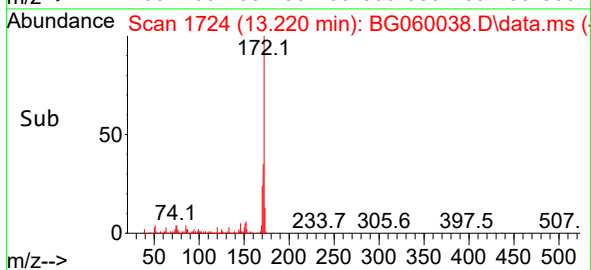
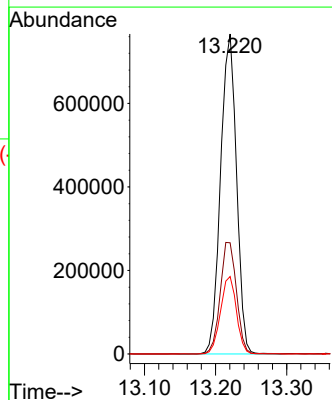
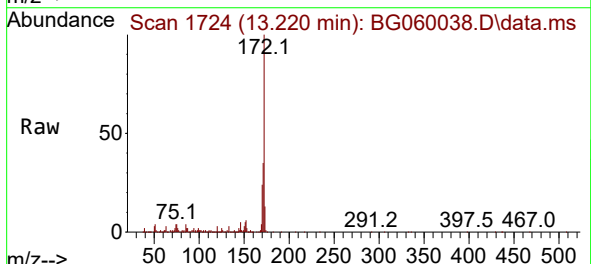
Instrument :
BNA_G
ClientSampleId :
MW-4

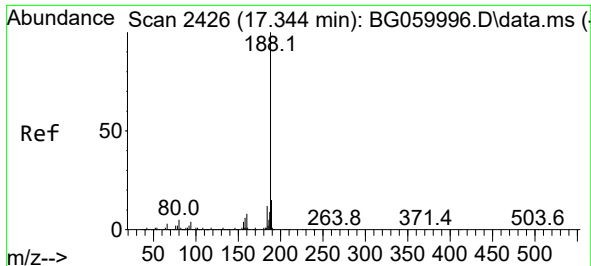
Tgt Ion:330 Resp: 546558
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 19.5 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 79.301 ng
RT: 13.220 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BG060038.D
Acq: 15 Dec 2023 16:31

Tgt Ion:172 Resp: 1186804
Ion Ratio Lower Upper
172 100
171 34.7 30.1 45.1
170 24.2 20.0 30.0

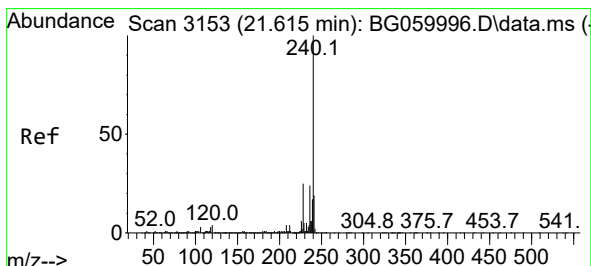
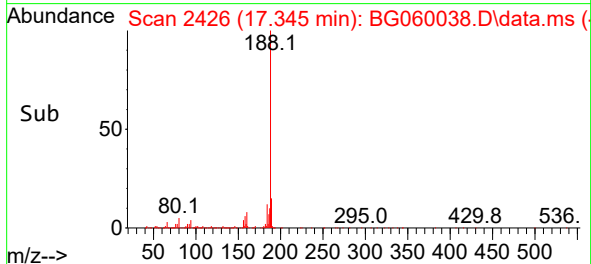
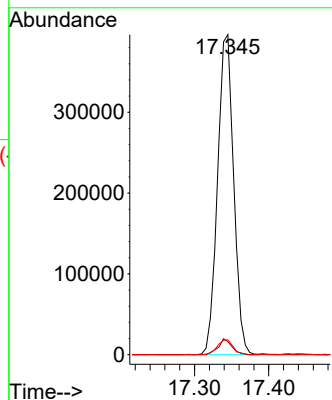
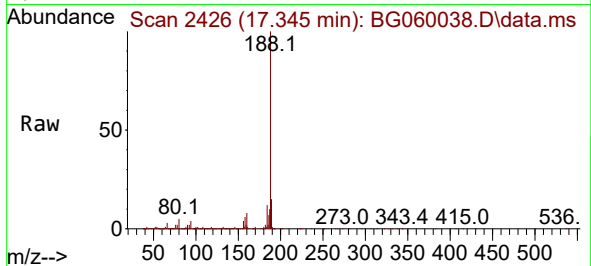




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2426
Delta R.T. 0.001 min
Lab File: BG060038.D
Acq: 15 Dec 2023 16:31

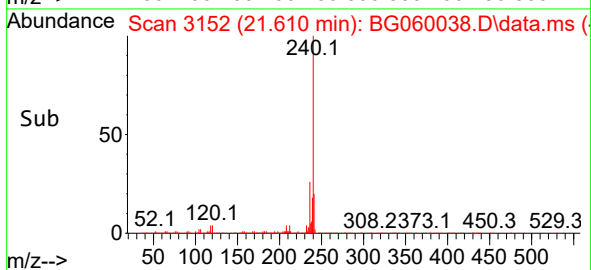
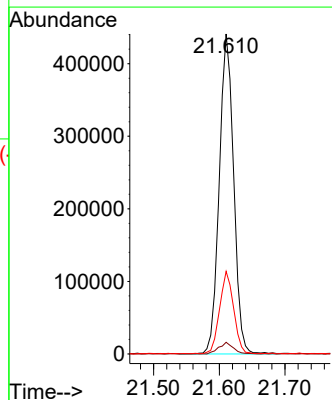
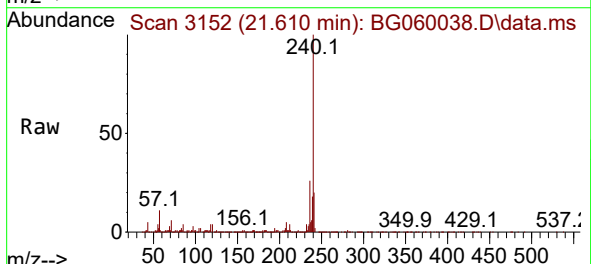
Instrument :
BNA_G
ClientSampleId :
MW-4

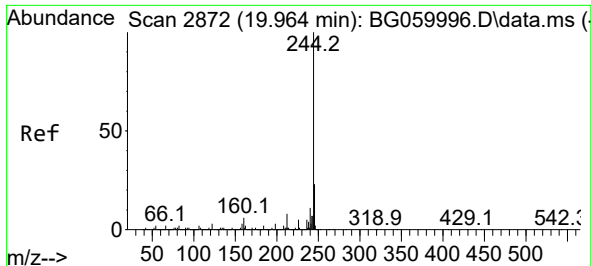
Tgt Ion:188 Resp: 597823
Ion Ratio Lower Upper
188 100
94 4.1 3.0 4.6
80 4.6 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3152
Delta R.T. -0.005 min
Lab File: BG060038.D
Acq: 15 Dec 2023 16:31

Tgt Ion:240 Resp: 671138
Ion Ratio Lower Upper
240 100
120 3.6 2.9 4.3
236 25.8 19.4 29.2

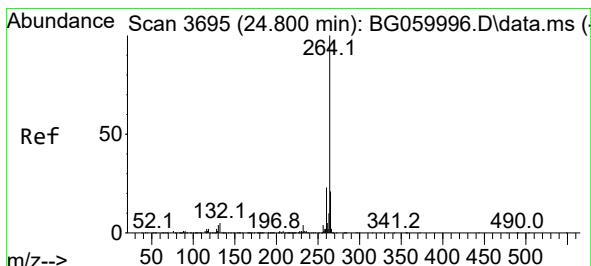
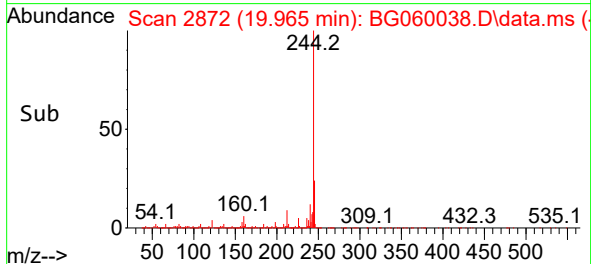
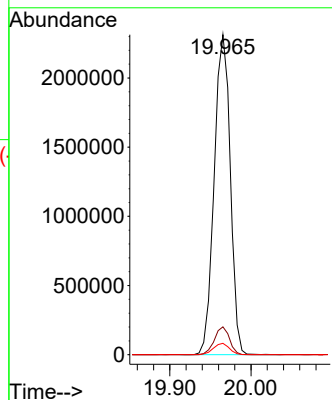
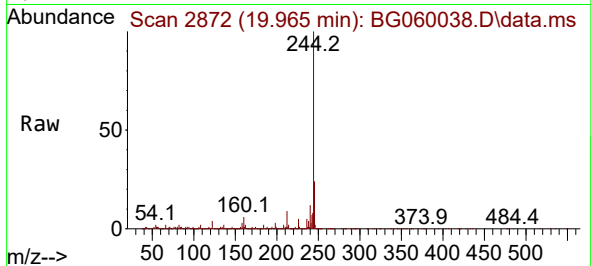




#79
 Terphenyl-d14
 Concen: 86.518 ng
 RT: 19.965 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG060038.D
 Acq: 15 Dec 2023 16:31

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Tgt Ion:244 Resp: 3180430
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.8 10.2
 122 3.6 2.6 3.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.801 min Scan# 3695
 Delta R.T. 0.001 min
 Lab File: BG060038.D
 Acq: 15 Dec 2023 16:31

Tgt Ion:264 Resp: 778262
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.5 27.7
 265 22.3 17.3 25.9

