

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060023.D
 Acq On : 14 Dec 2023 22:25
 Operator : MA/JU
 Sample : 05631-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

Quant Time: Dec 15 02:39:52 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	7.952	152	101935	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	368485	20.000	ng	# 0.00
39) Acenaphthene-d10	14.591	164	321976	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	878544	20.000	ng	0.00
76) Chrysene-d12	21.607	240	841181	20.000	ng	# 0.00
86) Perylene-d12	24.803	264	984799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	599354	100.653	ng	0.00
7) Phenol-d6	7.112	99	739750	88.316	ng	0.00
23) Nitrobenzene-d5	9.121	82	986202	121.529	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	1300869	173.368	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	2806509	106.681	ng	0.00
79) Terphenyl-d14	19.967	244	4651657	100.960	ng	0.00

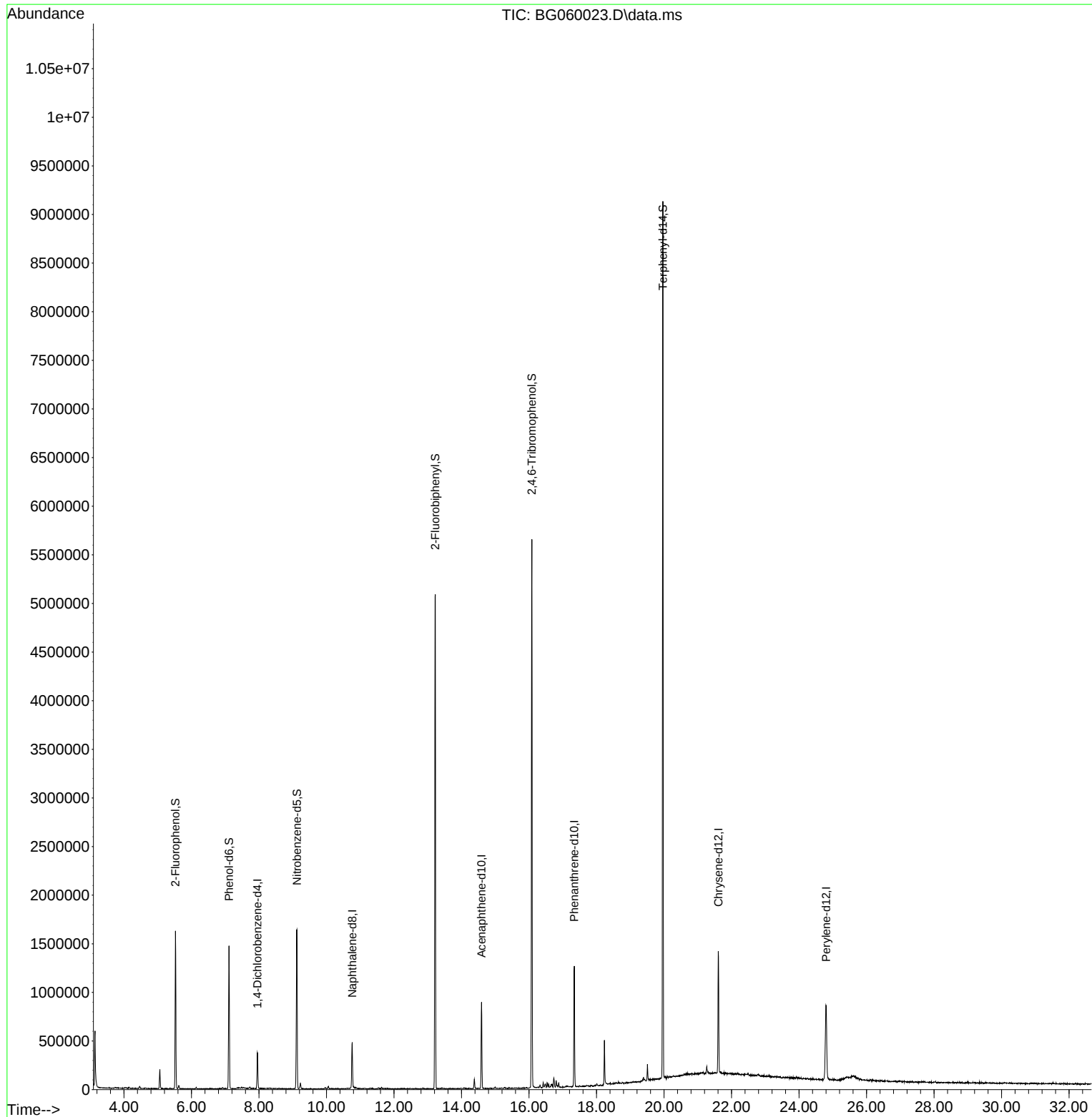
Target Compounds	Qvalue

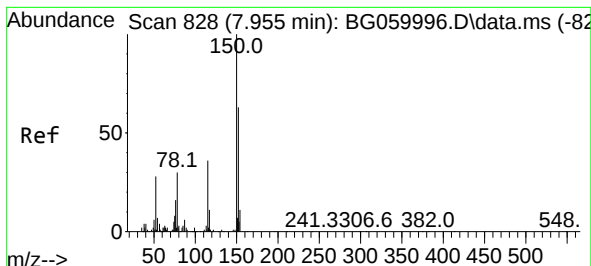
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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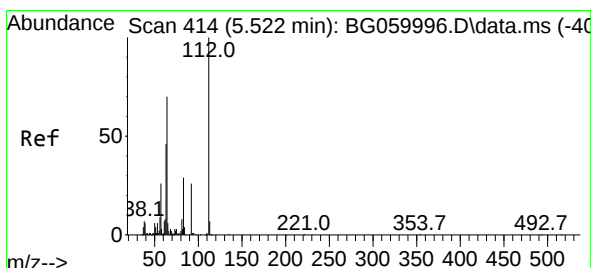
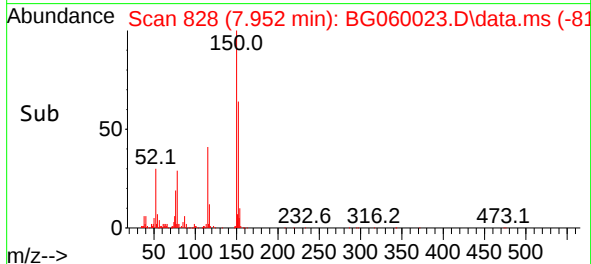
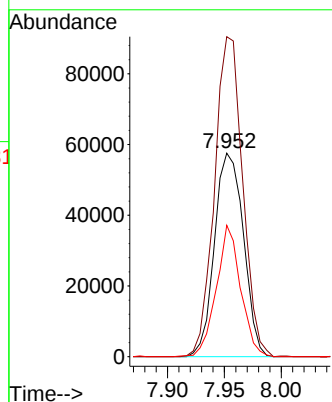
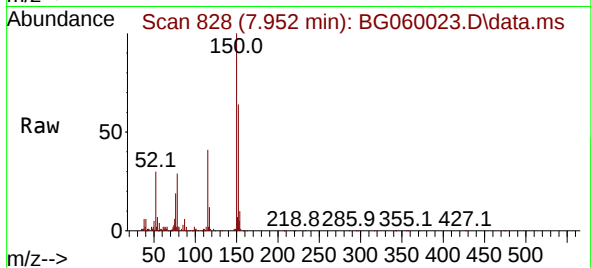




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

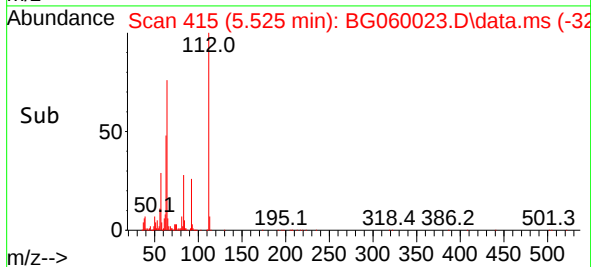
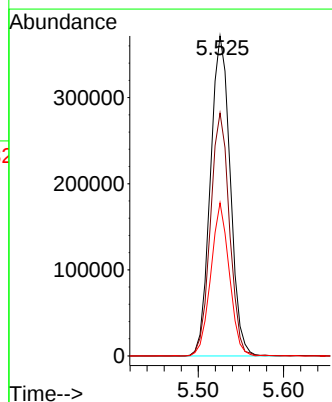
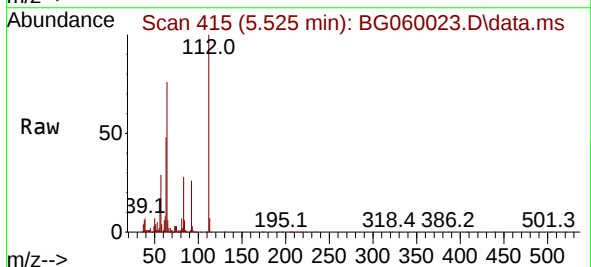
Instrument :
BNA_G
ClientSampleId :
MW-2A

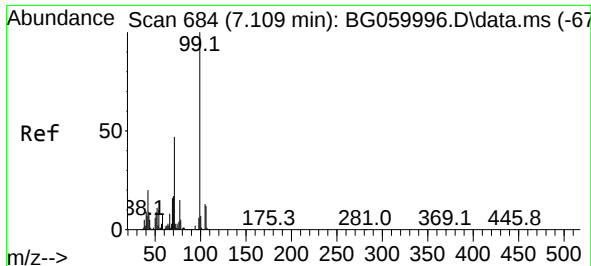
Tgt Ion:152 Resp: 101935
Ion Ratio Lower Upper
152 100
150 157.2 127.0 190.6
115 64.6 45.7 68.5



#5
2-Fluorophenol
Concen: 100.653 ng
RT: 5.525 min Scan# 415
Delta R.T. 0.003 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

Tgt Ion:112 Resp: 599354
Ion Ratio Lower Upper
112 100
64 75.9 55.9 83.9
63 47.8 36.5 54.7

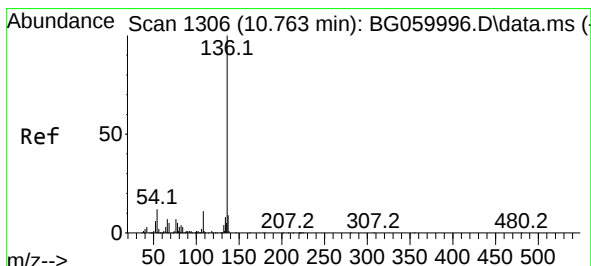
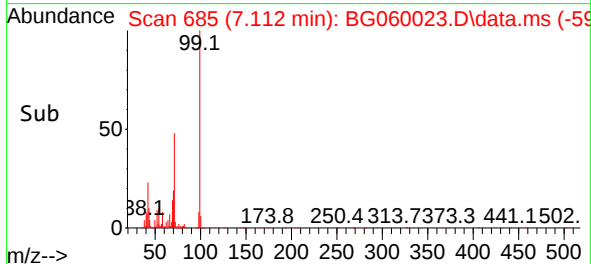
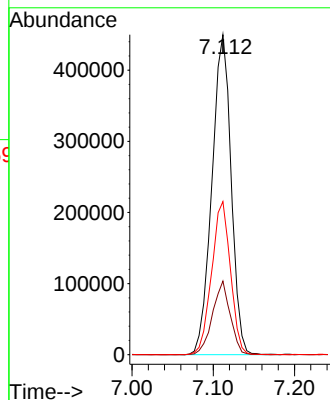
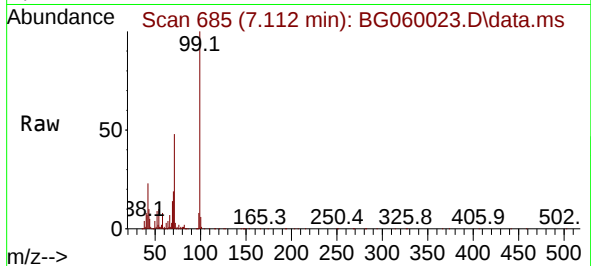




#7
Phenol-d6
Concen: 88.316 ng
RT: 7.112 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

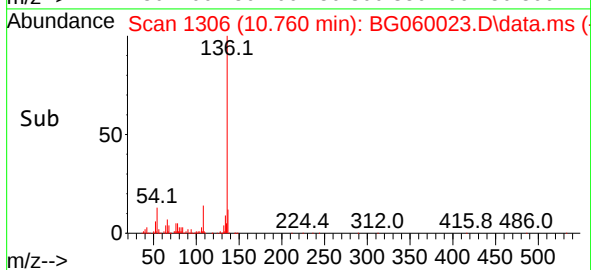
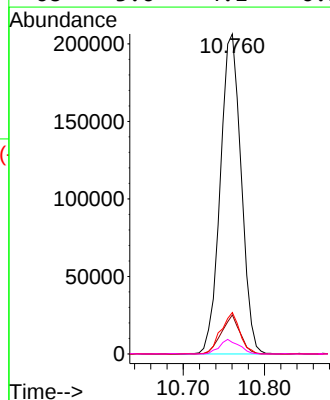
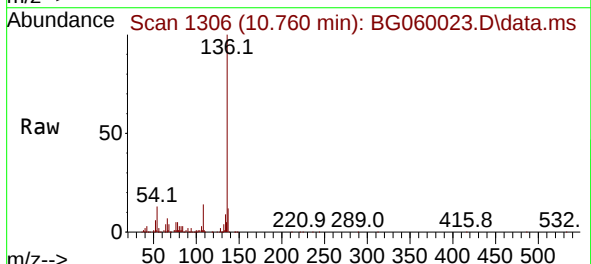
Instrument :
BNA_G
ClientSampleId :
MW-2A

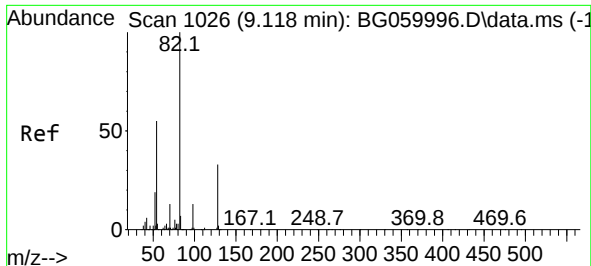
Tgt Ion: 99 Resp: 739750
Ion Ratio Lower Upper
99 100
42 23.0 16.2 24.4
71 47.8 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 1306
Delta R.T. -0.003 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

Tgt Ion: 136 Resp: 368485
Ion Ratio Lower Upper
136 100
137 12.2 7.3 10.9#
54 13.0 9.6 14.4
68 3.6 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 121.529 ng

RT: 9.121 min Scan# 1026

Delta R.T. 0.003 min

Lab File: BG060023.D

Acq: 14 Dec 2023 22:25

Instrument :

BNA_G

ClientSampleId :

MW-2A

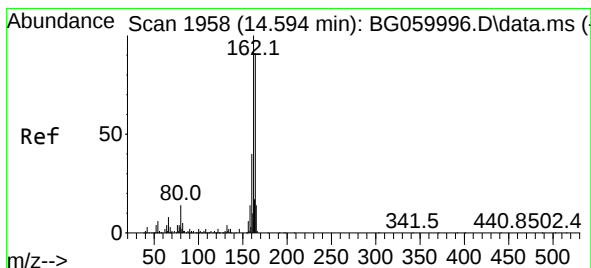
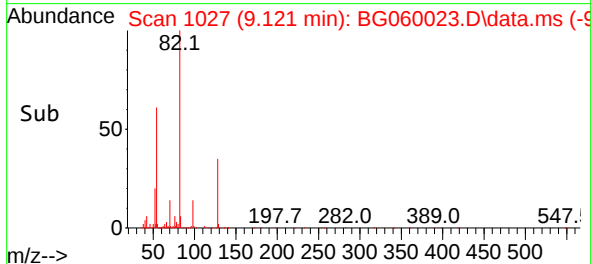
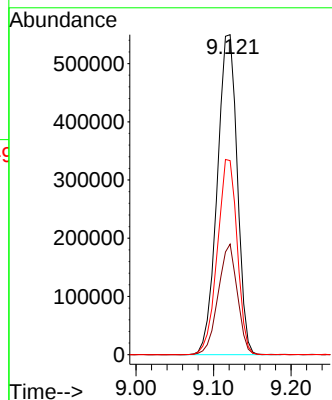
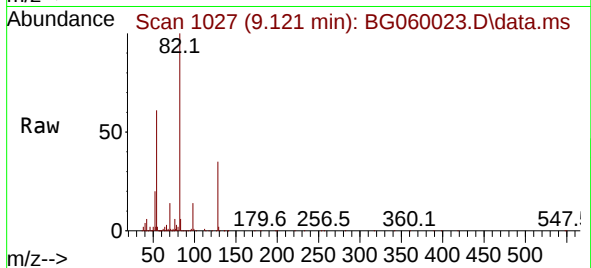
Tgt Ion: 82 Resp: 986202

Ion Ratio Lower Upper

82 100

128 34.6 26.3 39.5

54 60.7 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.591 min Scan# 1958

Delta R.T. -0.003 min

Lab File: BG060023.D

Acq: 14 Dec 2023 22:25

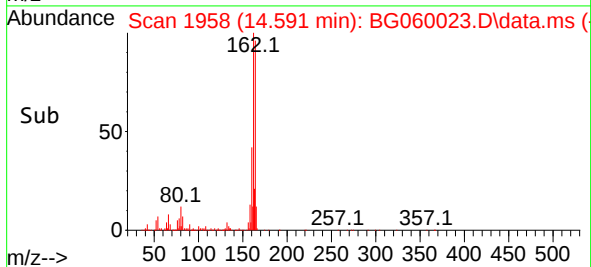
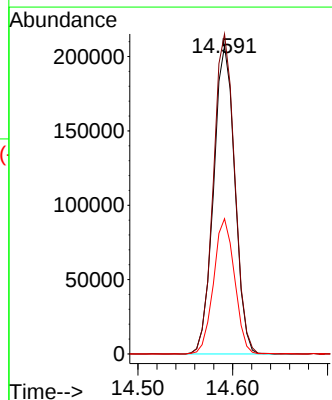
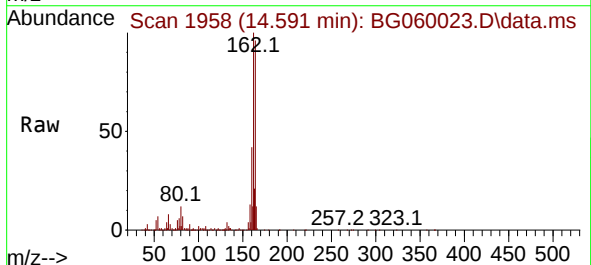
Tgt Ion: 164 Resp: 321976

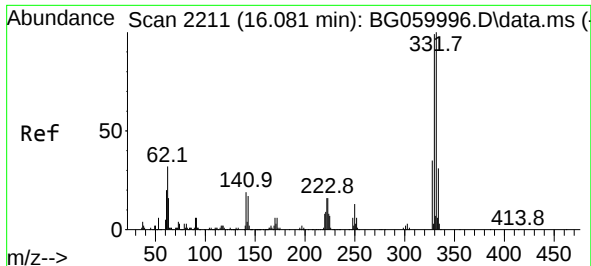
Ion Ratio Lower Upper

164 100

162 103.9 88.1 132.1

160 43.9 35.4 53.0

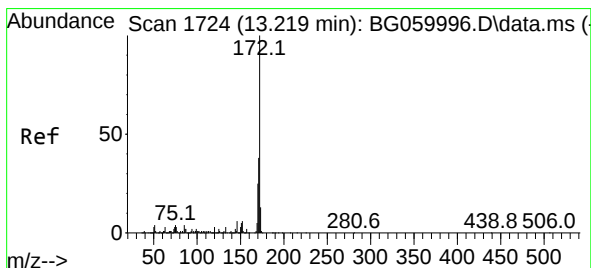
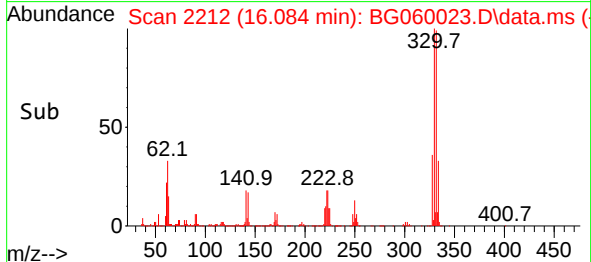
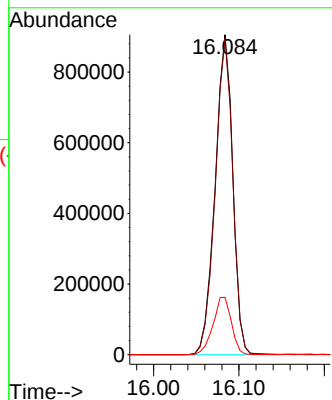
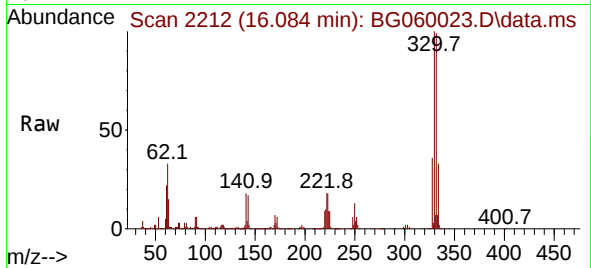




#42
2,4,6-Tribromophenol
Concen: 173.368 ng
RT: 16.084 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

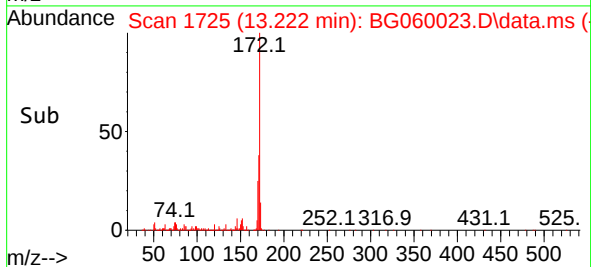
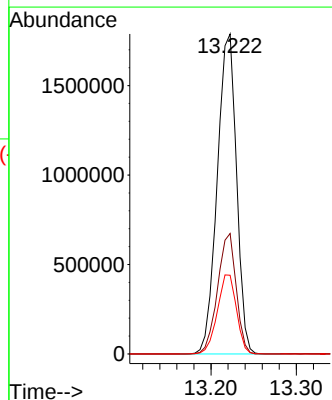
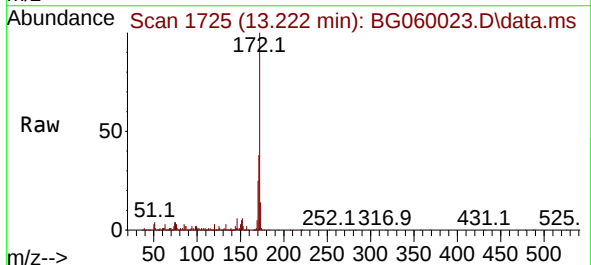
Instrument :
BNA_G
ClientSampleId :
MW-2A

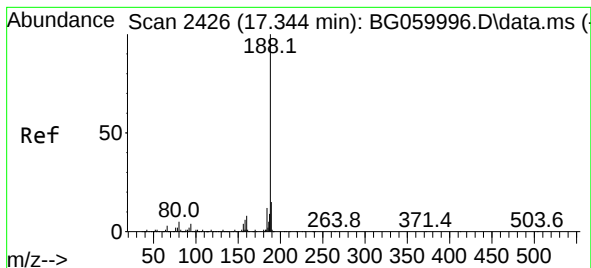
Tgt Ion:330 Resp: 1300869
Ion Ratio Lower Upper
330 100
332 98.1 76.2 114.4
141 18.7 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 106.681 ng
RT: 13.222 min Scan# 1725
Delta R.T. 0.003 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

Tgt Ion:172 Resp: 2806509
Ion Ratio Lower Upper
172 100
171 37.7 30.1 45.1
170 24.6 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.341 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG060023.D

Acq: 14 Dec 2023 22:25

Instrument :

BNA_G

ClientSampleId :

MW-2A

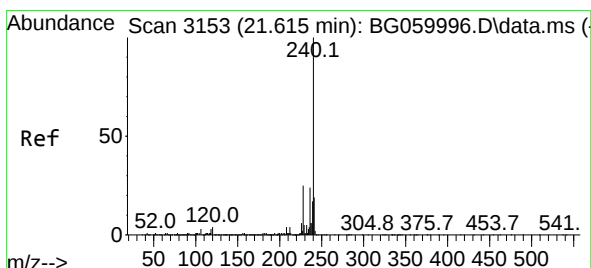
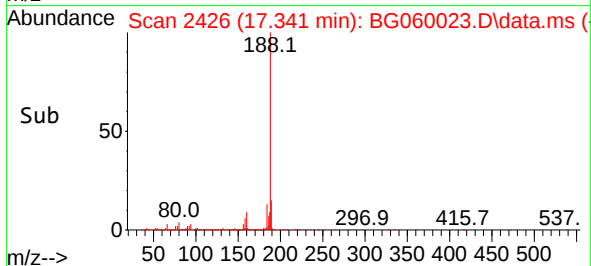
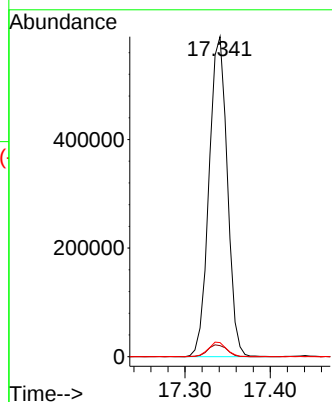
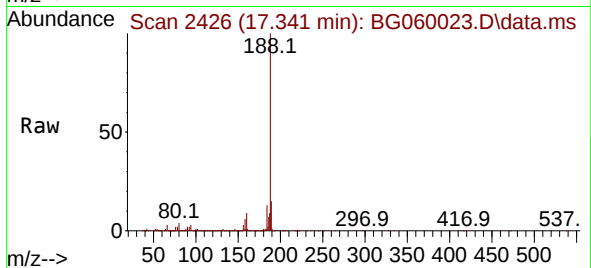
Tgt Ion:188 Resp: 878544

Ion Ratio Lower Upper

188 100

94 3.5 3.0 4.6

80 4.4 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.607 min Scan# 3152

Delta R.T. -0.009 min

Lab File: BG060023.D

Acq: 14 Dec 2023 22:25

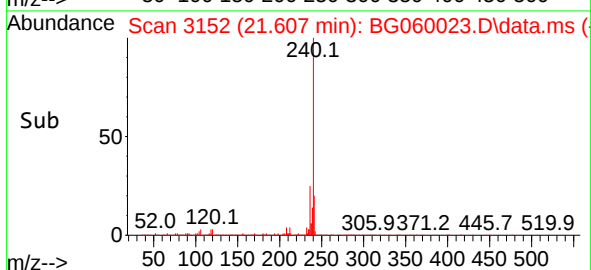
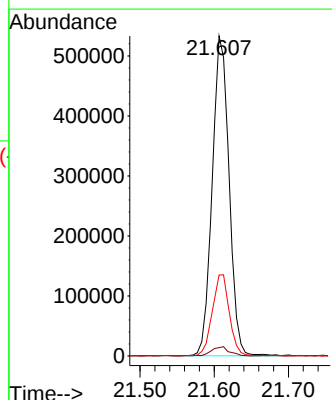
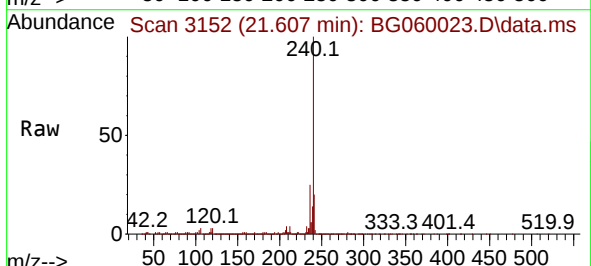
Tgt Ion:240 Resp: 841181

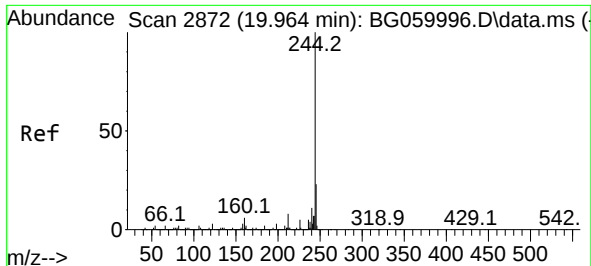
Ion Ratio Lower Upper

240 100

120 2.6 2.9 4.3#

236 25.3 19.4 29.2

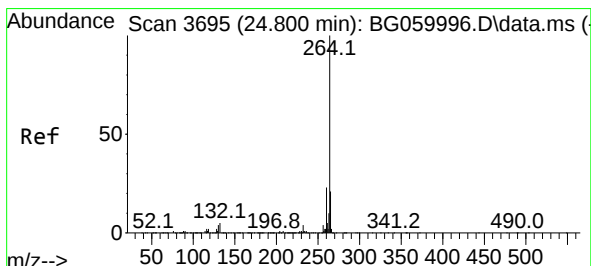
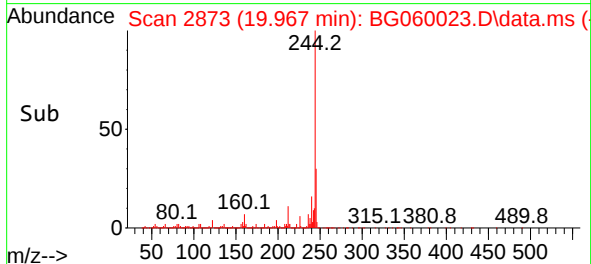
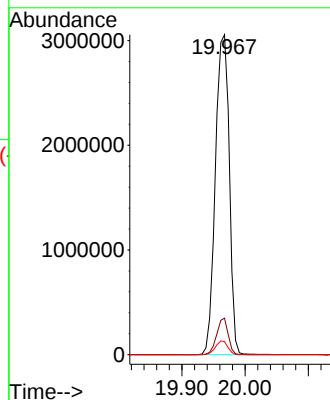
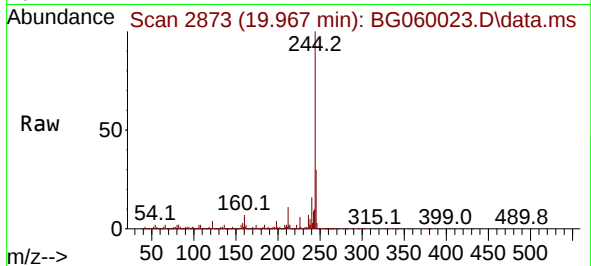




#79
 Terphenyl-d14
 Concen: 100.960 ng
 RT: 19.967 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG060023.D
 Acq: 14 Dec 2023 22:25

Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

Tgt Ion:244 Resp: 4651657
 Ion Ratio Lower Upper
 244 100
 212 11.4 6.8 10.2#
 122 4.1 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.803 min Scan# 3696
 Delta R.T. 0.003 min
 Lab File: BG060023.D
 Acq: 14 Dec 2023 22:25

Tgt Ion:264 Resp: 984799
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 19.6 17.3 25.9

