

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060026.D
 Acq On : 15 Dec 2023 00:26
 Operator : MA/JU
 Sample : 05670-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4B

Quant Time: Dec 15 02:41:27 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	7.953	152	86004	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	336650	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	261400	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	785593	20.000	ng	0.00
76) Chrysene-d12	21.608	240	741808	20.000	ng	0.00
86) Perylene-d12	24.798	264	868349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	271137	53.968	ng	0.00
7) Phenol-d6	7.107	99	244268	34.564	ng	0.00
23) Nitrobenzene-d5	9.116	82	657073	88.628	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	846726	138.994	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1880117	88.029	ng	0.00
79) Terphenyl-d14	19.963	244	3626742	89.260	ng	0.00

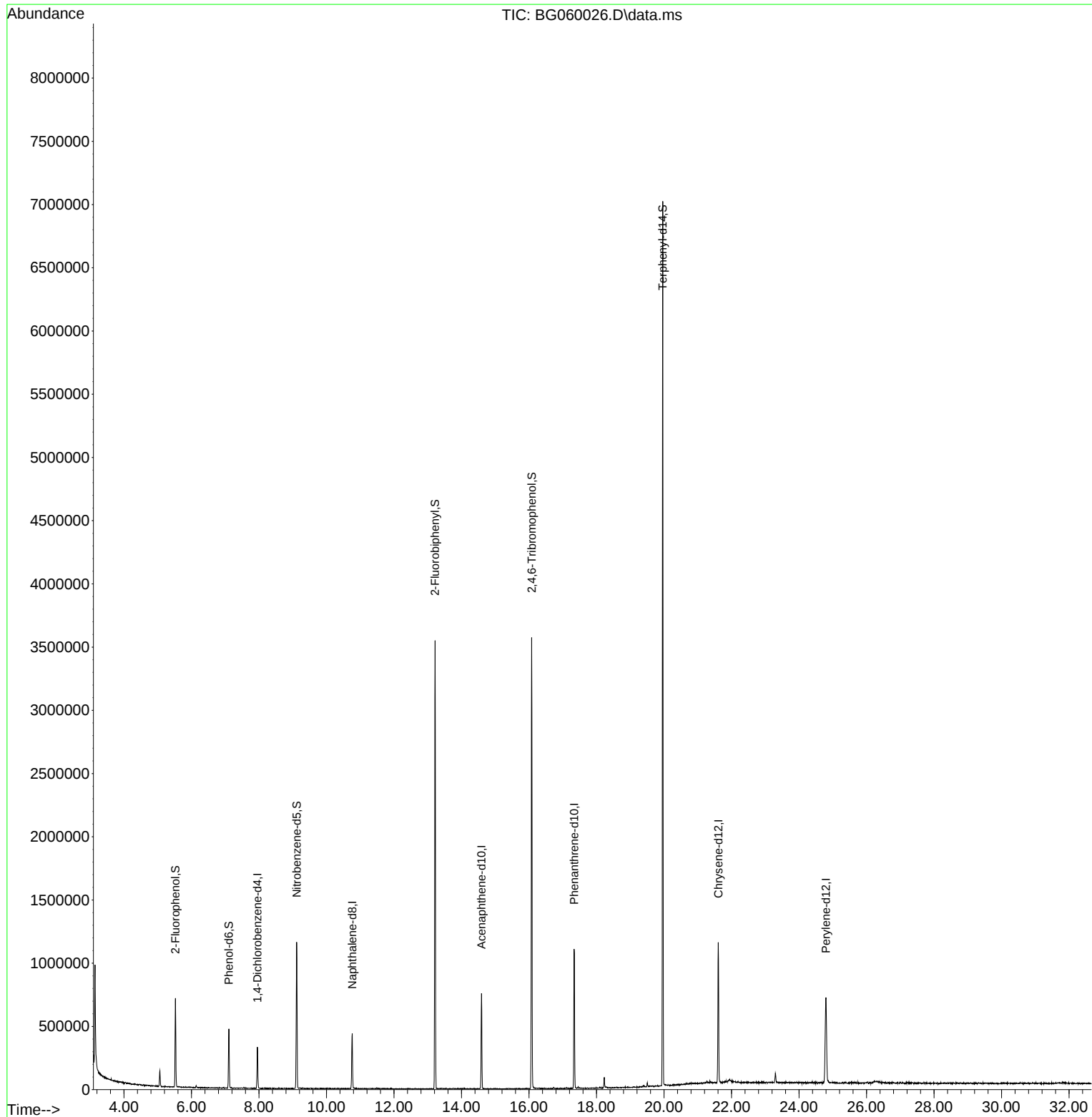
Target Compounds	Qvalue

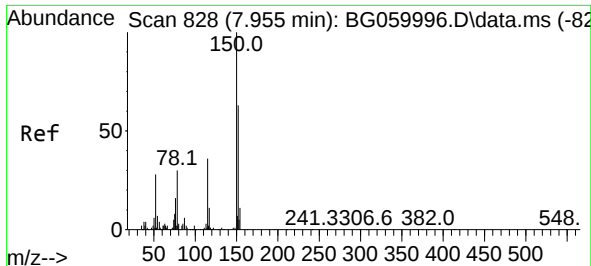
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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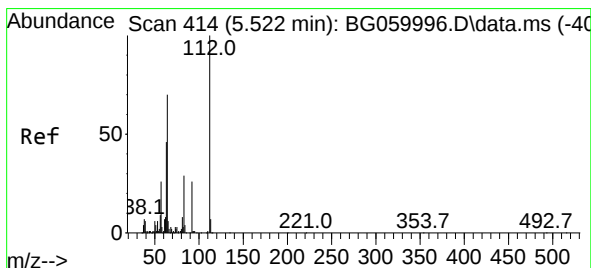
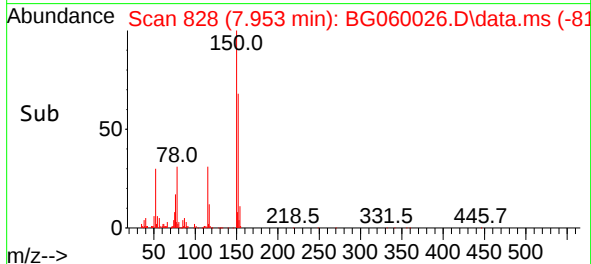
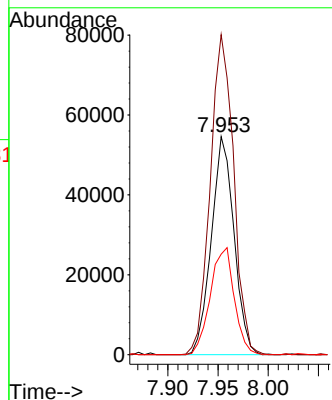
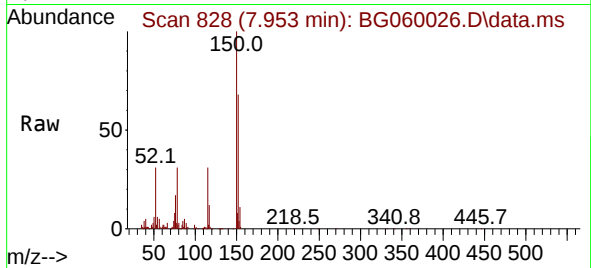




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060026.D
Acq: 15 Dec 2023 00:26

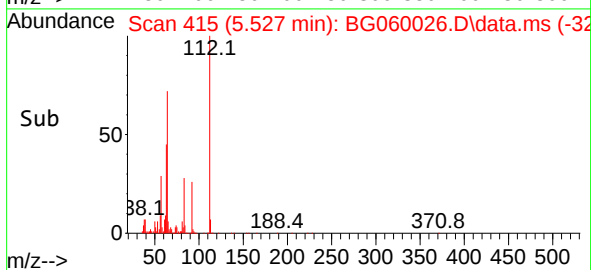
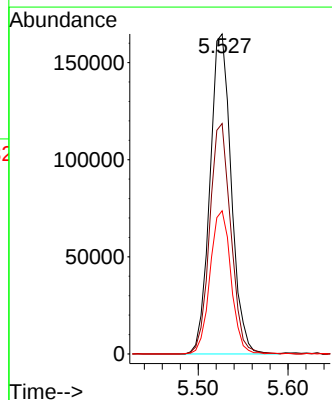
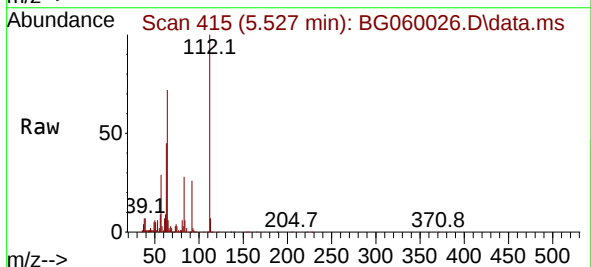
Instrument :
BNA_G
ClientSampleId :
MW-4B

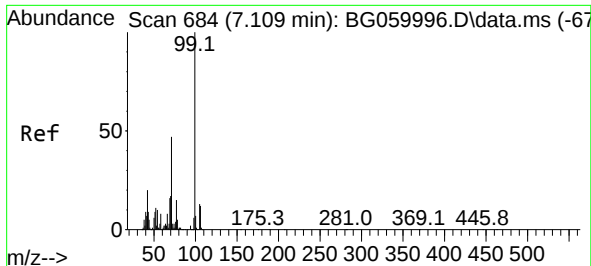
Tgt Ion:152 Resp: 86004
Ion Ratio Lower Upper
152 100
150 146.8 127.0 190.6
115 46.1 45.7 68.5



#5
2-Fluorophenol
Concen: 53.968 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.005 min
Lab File: BG060026.D
Acq: 15 Dec 2023 00:26

Tgt Ion:112 Resp: 271137
Ion Ratio Lower Upper
112 100
64 72.0 55.9 83.9
63 44.7 36.5 54.7

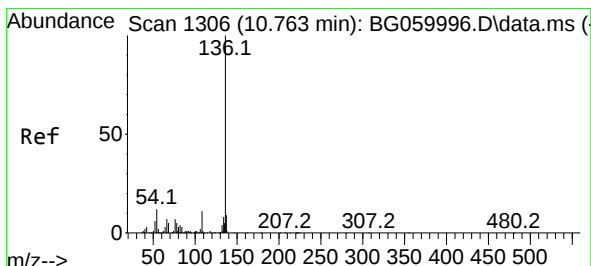
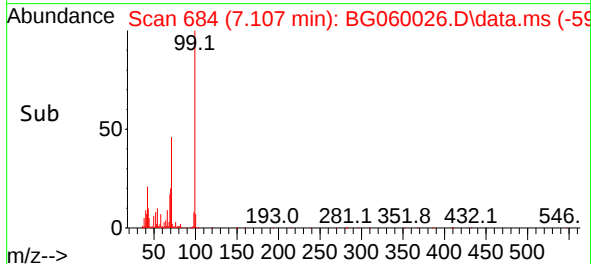
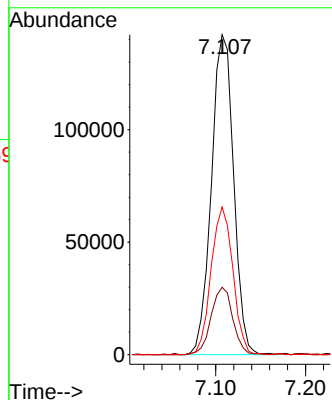
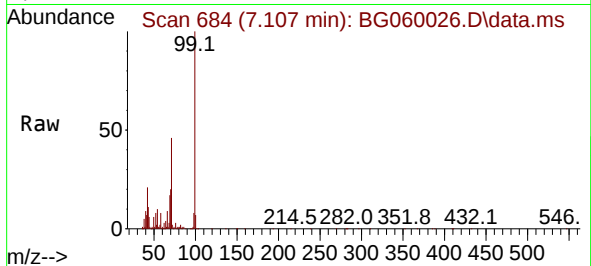




#7
Phenol-d6
Concen: 34.564 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060026.D
Acq: 15 Dec 2023 00:26

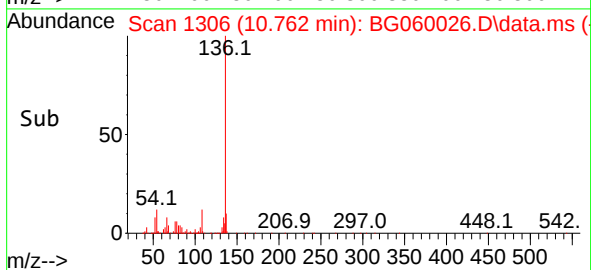
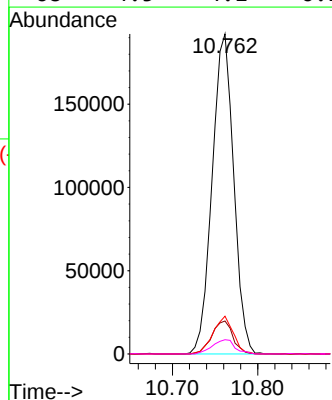
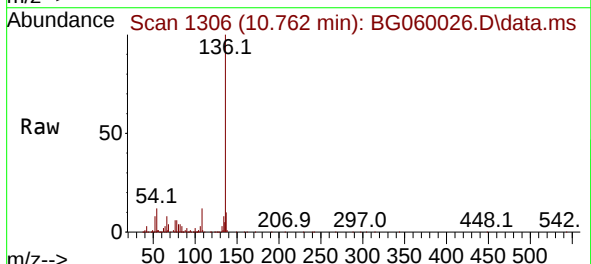
Instrument :
BNA_G
ClientSampleId :
MW-4B

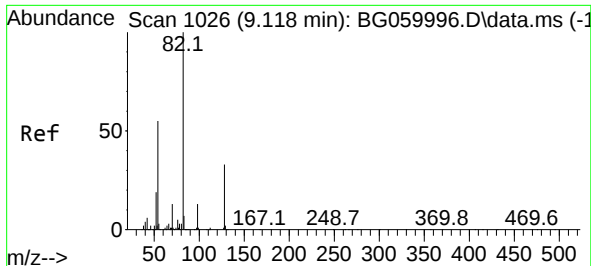
Tgt Ion: 99 Resp: 244268
Ion Ratio Lower Upper
99 100
42 21.1 16.2 24.4
71 46.1 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060026.D
Acq: 15 Dec 2023 00:26

Tgt Ion: 136 Resp: 336650
Ion Ratio Lower Upper
136 100
137 10.3 7.3 10.9
54 11.8 9.6 14.4
68 4.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 88.628 ng

RT: 9.116 min Scan# 1026

Delta R.T. -0.002 min

Lab File: BG060026.D

Acq: 15 Dec 2023 00:26

Instrument :

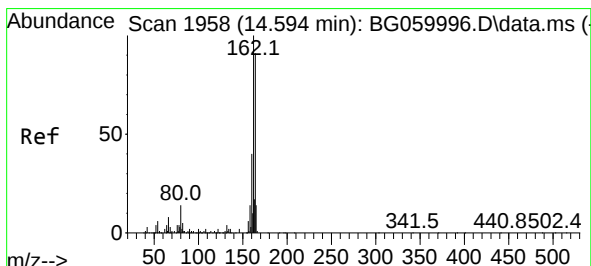
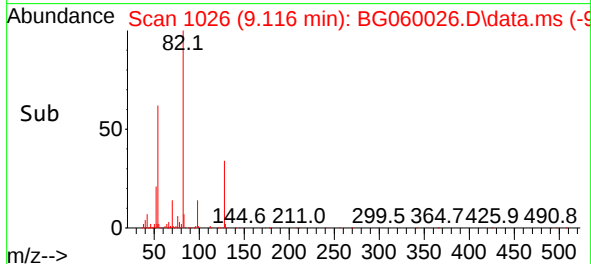
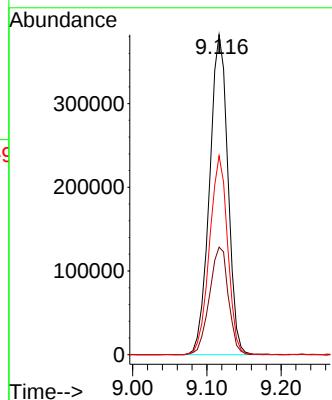
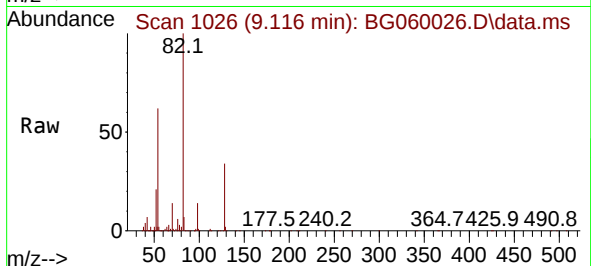
BNA_G

ClientSampleId :

MW-4B

Tgt Ion: 82 Resp: 657073

Ion	Ratio	Lower	Upper
82	100		
128	33.6	26.3	39.5
54	62.1	44.3	66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1958

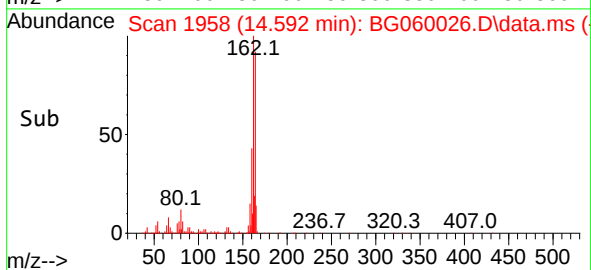
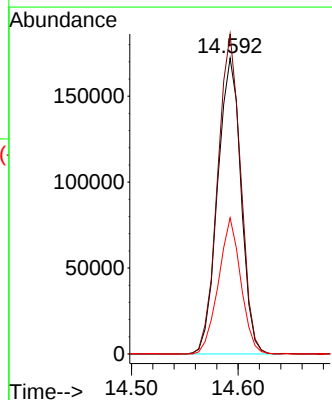
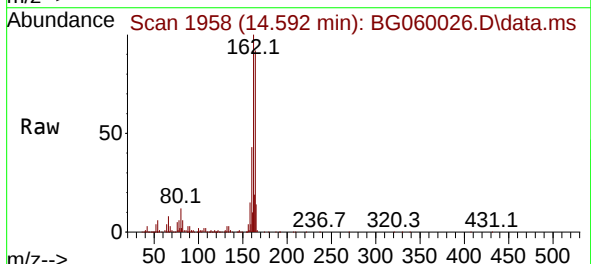
Delta R.T. -0.002 min

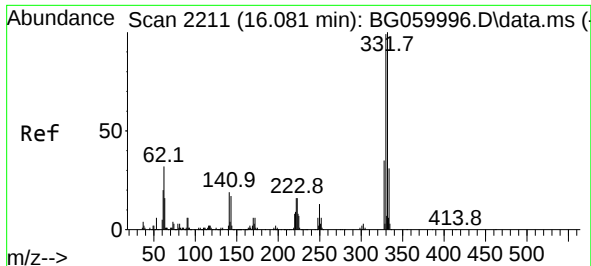
Lab File: BG060026.D

Acq: 15 Dec 2023 00:26

Tgt Ion: 164 Resp: 261400

Ion	Ratio	Lower	Upper
164	100		
162	108.1	88.1	132.1
160	46.0	35.4	53.0

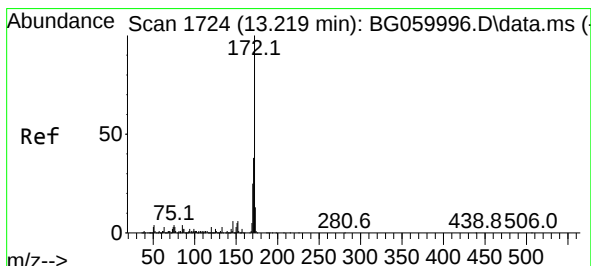
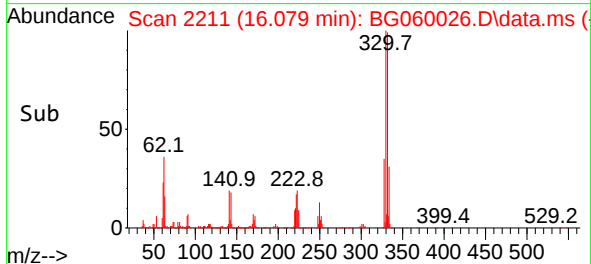
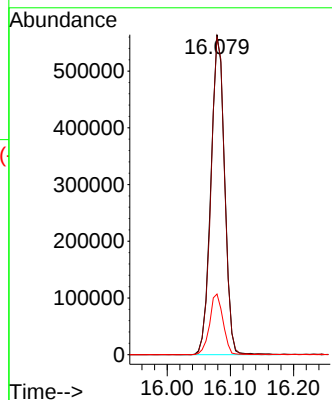
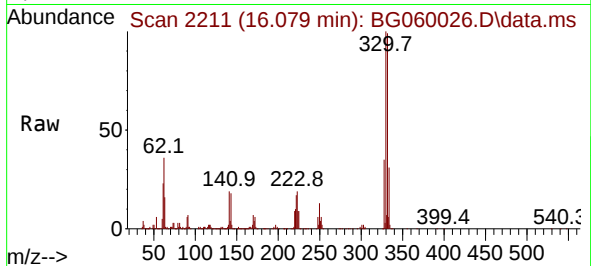




#42
2,4,6-Tribromophenol
Concen: 138.994 ng
RT: 16.079 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060026.D
Acq: 15 Dec 2023 00:26

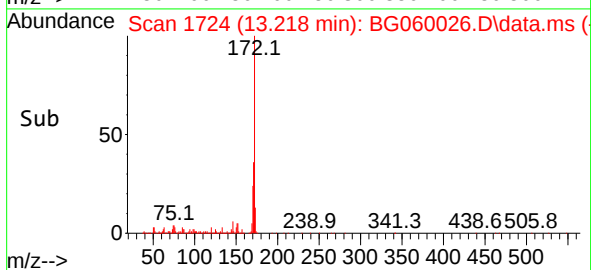
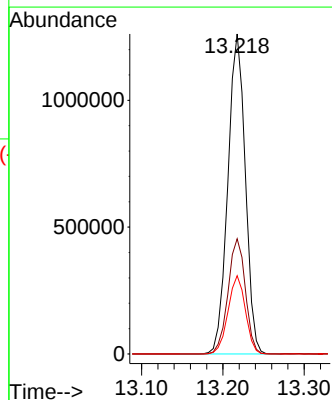
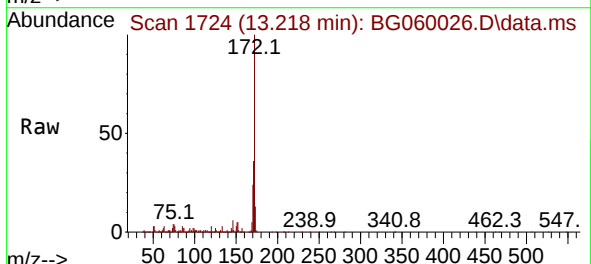
Instrument :
BNA_G
ClientSampleId :
MW-4B

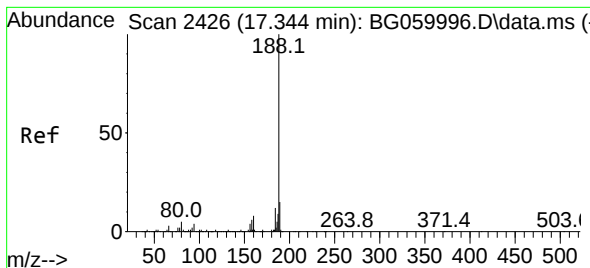
Tgt Ion:330 Resp: 846726
Ion Ratio Lower Upper
330 100
332 98.7 76.2 114.4
141 18.6 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 88.029 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060026.D
Acq: 15 Dec 2023 00:26

Tgt Ion:172 Resp: 1880117
Ion Ratio Lower Upper
172 100
171 36.0 30.1 45.1
170 24.5 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.336 min Scan# 2425

Delta R.T. -0.008 min

Lab File: BG060026.D

Acq: 15 Dec 2023 00:26

Instrument :

BNA_G

ClientSampleId :

MW-4B

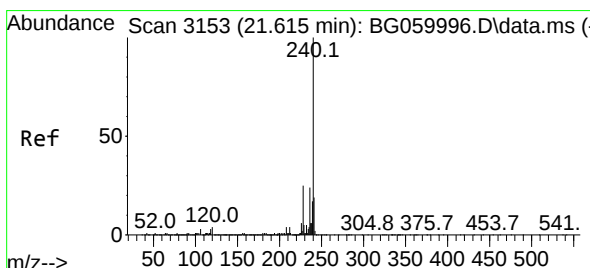
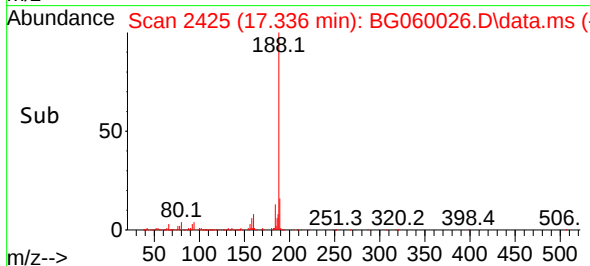
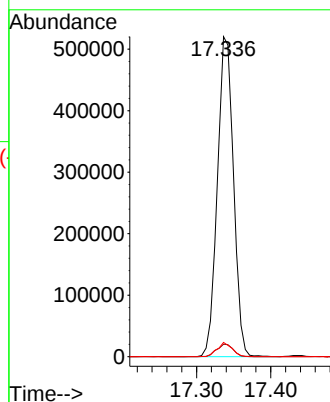
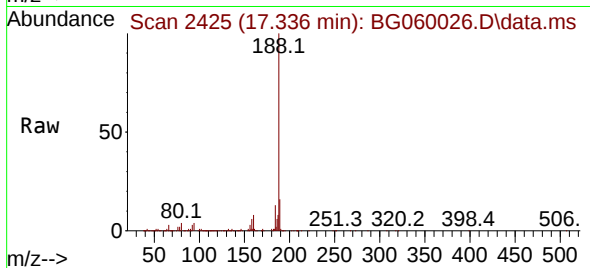
Tgt Ion:188 Resp: 785593

Ion Ratio Lower Upper

188 100

94 3.9 3.0 4.6

80 4.5 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.608 min Scan# 3152

Delta R.T. -0.008 min

Lab File: BG060026.D

Acq: 15 Dec 2023 00:26

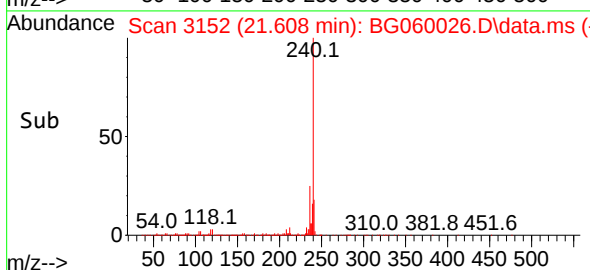
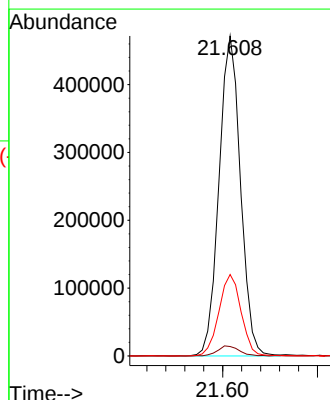
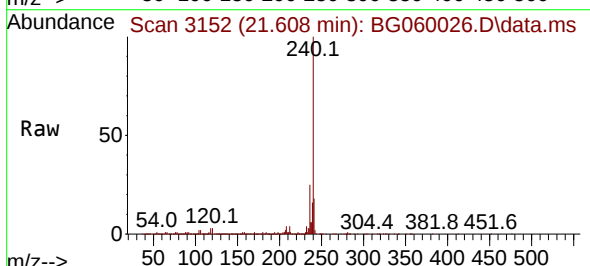
Tgt Ion:240 Resp: 741808

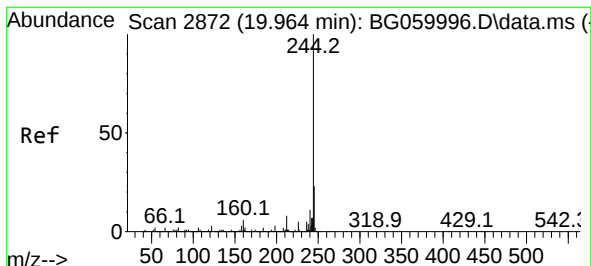
Ion Ratio Lower Upper

240 100

120 3.0 2.9 4.3

236 25.4 19.4 29.2





#79

Terphenyl-d14

Concen: 89.260 ng

RT: 19.963 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060026.D

Acq: 15 Dec 2023 00:26

Instrument :

BNA_G

ClientSampleId :

MW-4B

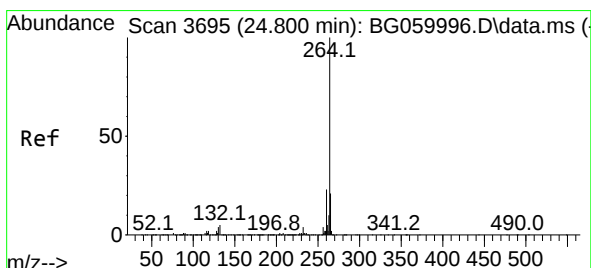
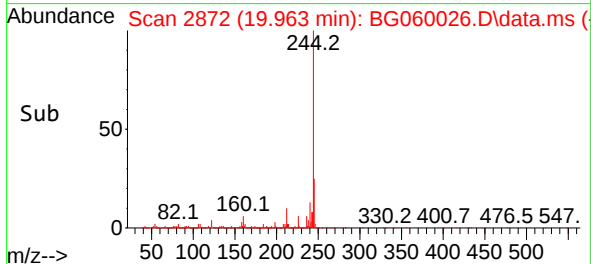
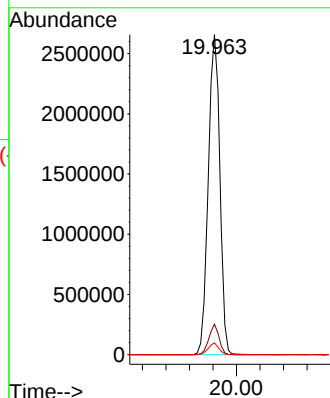
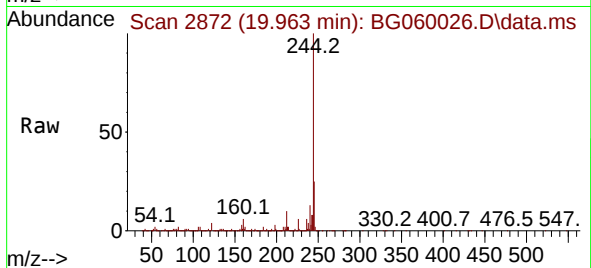
Tgt Ion:244 Resp: 3626742

Ion Ratio Lower Upper

244 100

212 9.6 6.8 10.2

122 3.7 2.6 3.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3695

Delta R.T. -0.002 min

Lab File: BG060026.D

Acq: 15 Dec 2023 00:26

Tgt Ion:264 Resp: 868349

Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

265 20.1 17.3 25.9

