

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058631.D
 Acq On : 7 Aug 2023 17:40
 Operator : MA/JU
 Sample : 03903-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-05

Quant Time: Aug 08 01:31:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	35891	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	160981	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	126050	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	335416	20.000	ng	0.00
76) Chrysene-d12	21.449	240	308488	20.000	ng	0.00
86) Perylene-d12	24.516	264	371689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	227672	96.957	ng	0.00
7) Phenol-d6	6.984	99	330307	101.090	ng	0.00
23) Nitrobenzene-d5	8.975	82	185007	56.457	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	182195	88.185	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	461483	54.865	ng	0.00
79) Terphenyl-d14	19.822	244	930479	56.722	ng	0.00

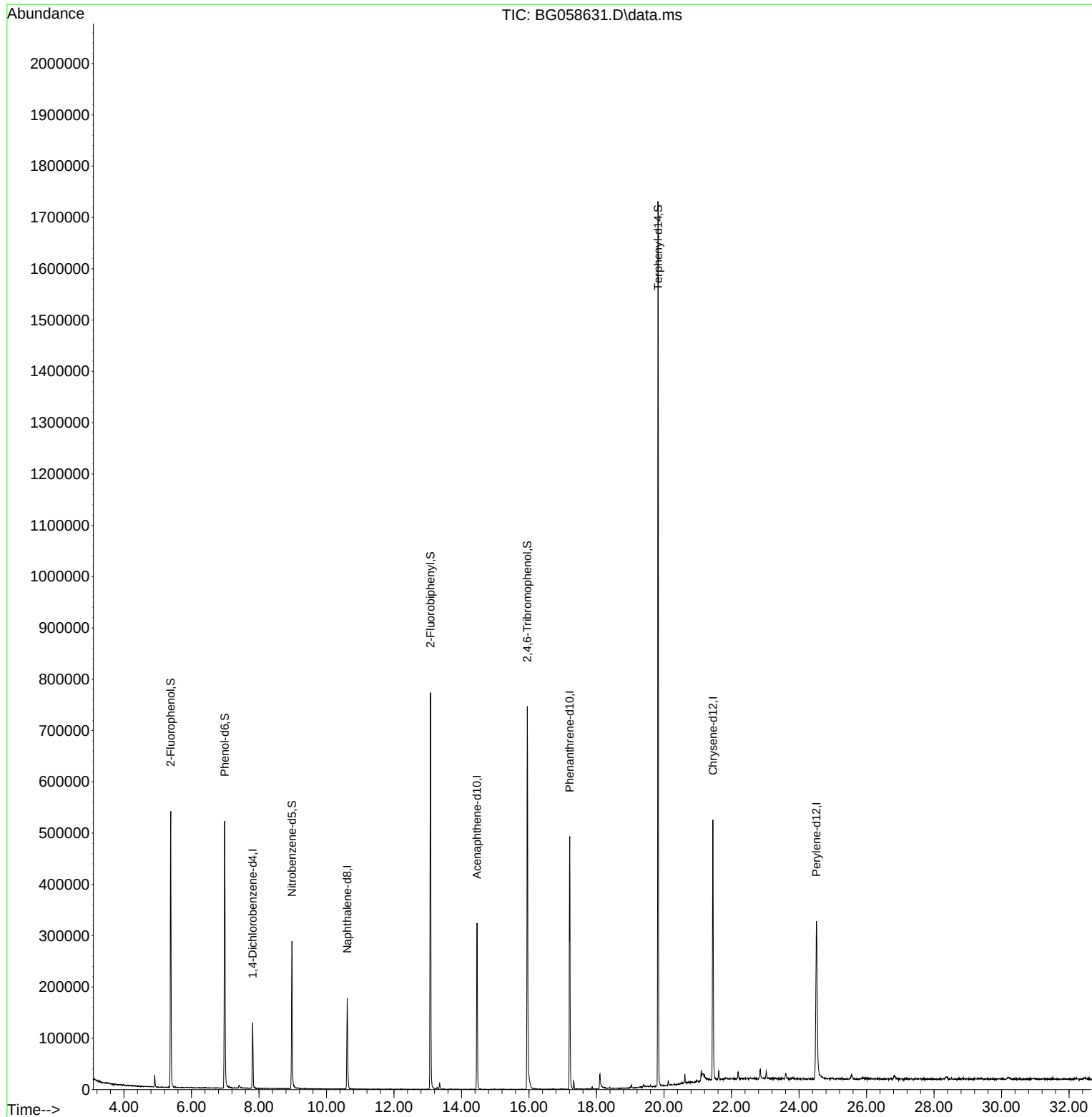
Target Compounds	Qvalue

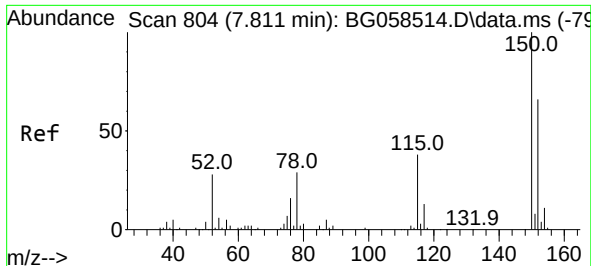
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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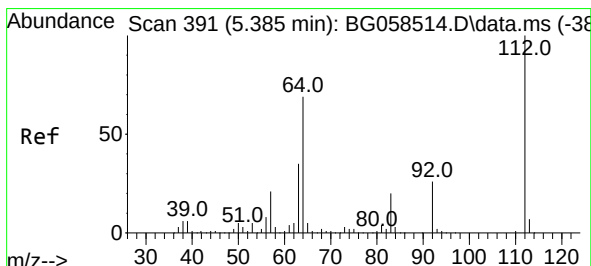
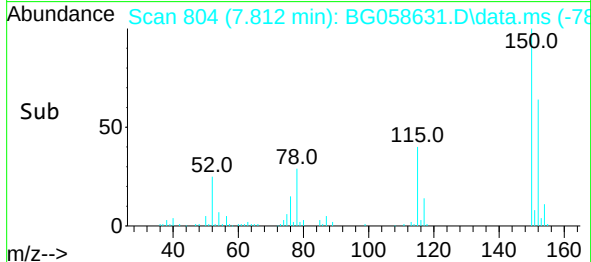
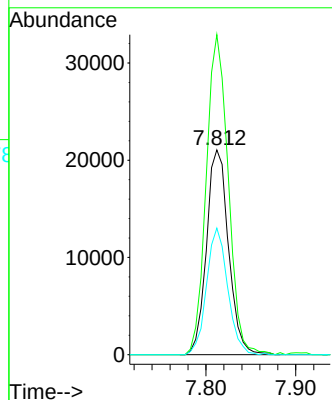
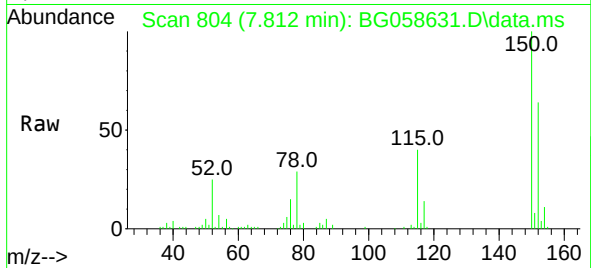




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

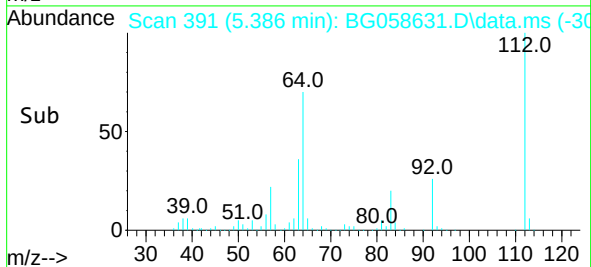
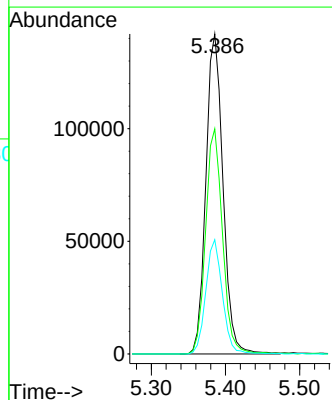
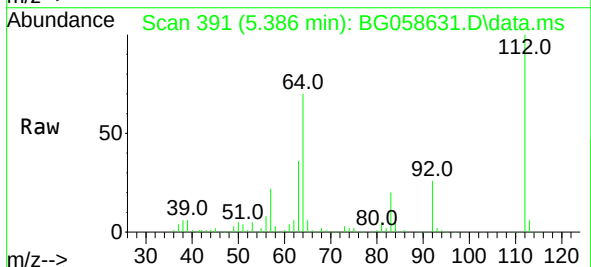
Instrument :
BNA_G
ClientSampleId :
MW-05

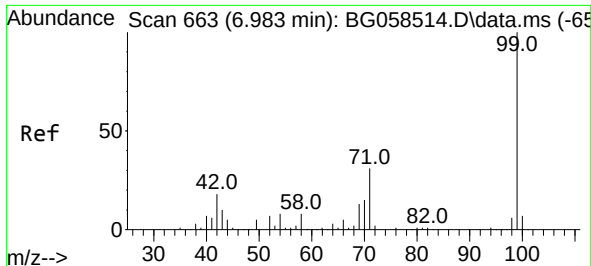
Tgt Ion:152 Resp: 35891
Ion Ratio Lower Upper
152 100
150 156.2 120.5 180.7
115 61.8 45.9 68.9



#5
2-Fluorophenol
Concen: 96.957 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Tgt Ion:112 Resp: 227672
Ion Ratio Lower Upper
112 100
64 70.3 55.3 82.9
63 35.7 28.3 42.5

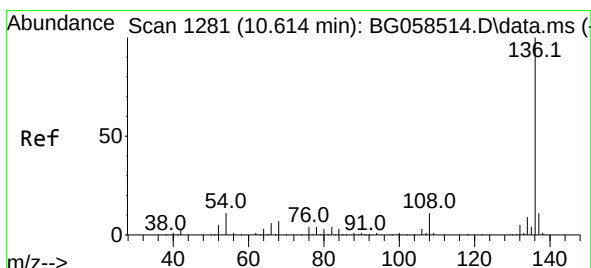
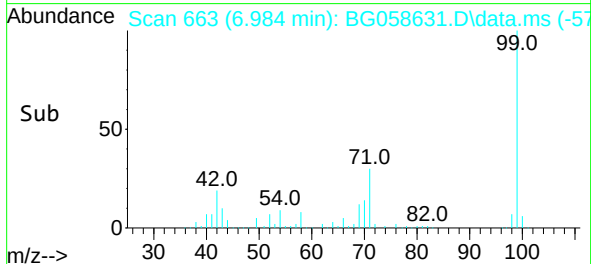
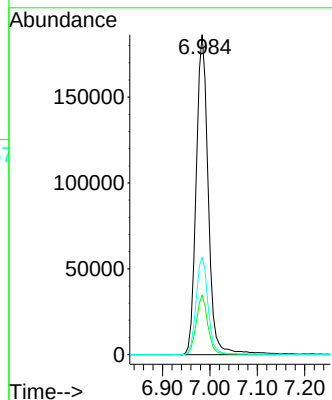
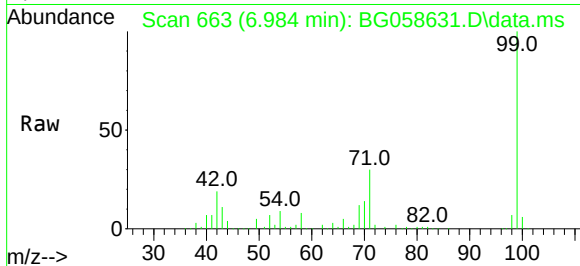




#7
Phenol-d6
Concen: 101.090 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

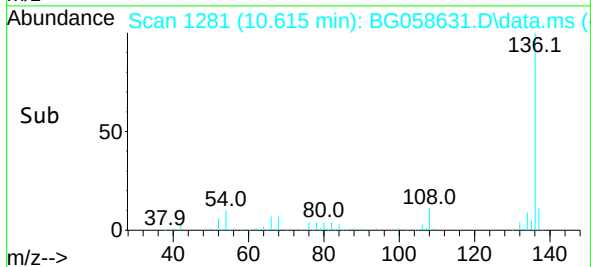
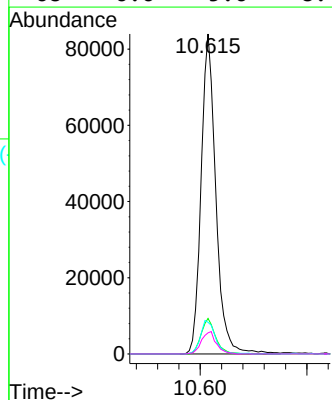
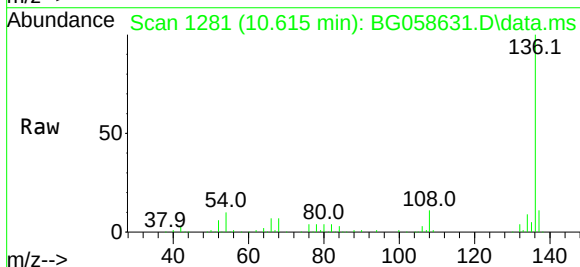
Instrument :
BNA_G
ClientSampleId :
MW-05

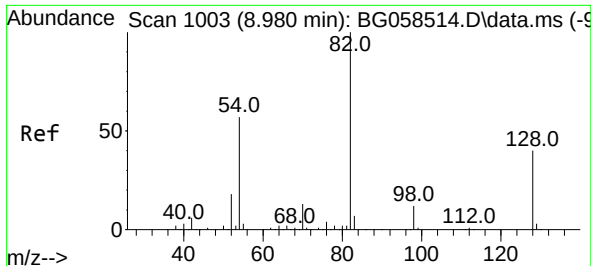
Tgt Ion: 99 Resp: 330307
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 30.4 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Tgt Ion: 136 Resp: 160981
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.9 8.9 13.3
68 6.6 5.6 8.4

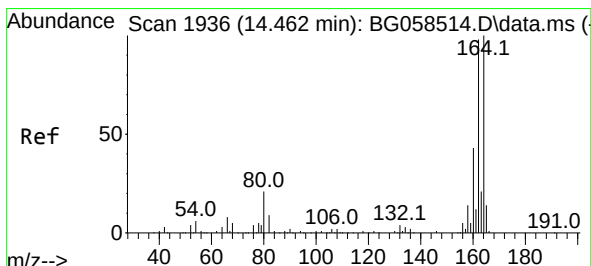
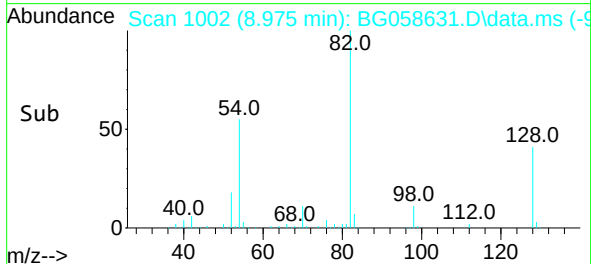
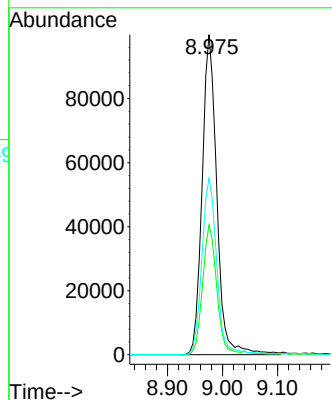
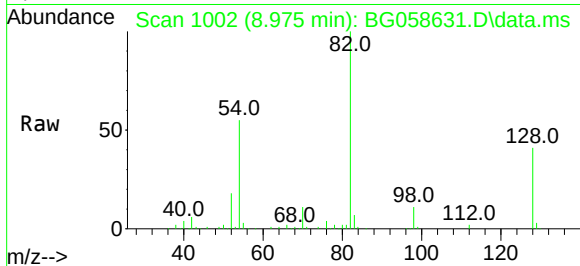




#23
Nitrobenzene-d5
Concen: 56.457 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

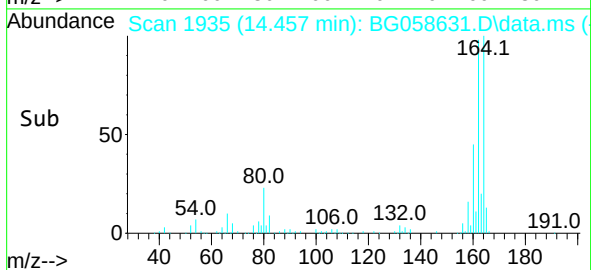
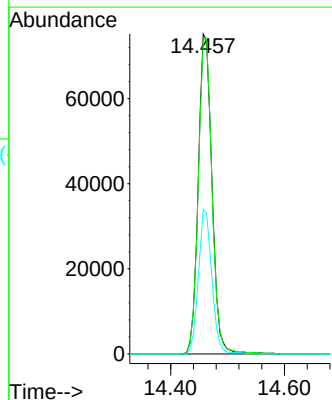
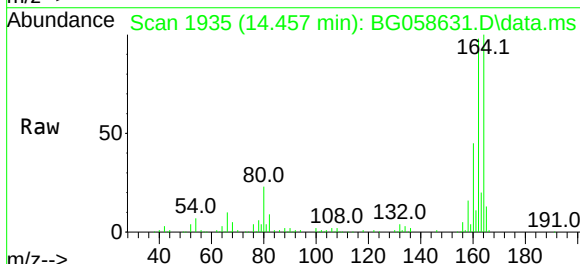
Instrument :
BNA_G
ClientSampleId :
MW-05

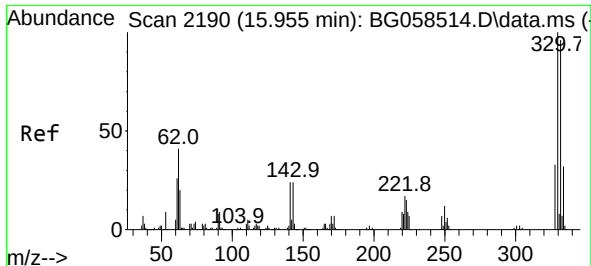
Tgt Ion: 82 Resp: 185007
Ion Ratio Lower Upper
82 100
128 40.5 32.2 48.2
54 55.2 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Tgt Ion:164 Resp: 126050
Ion Ratio Lower Upper
164 100
162 97.8 78.3 117.5
160 45.1 34.1 51.1

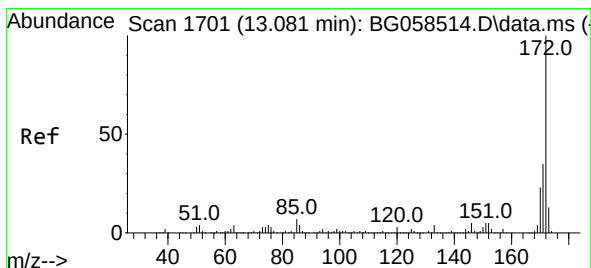
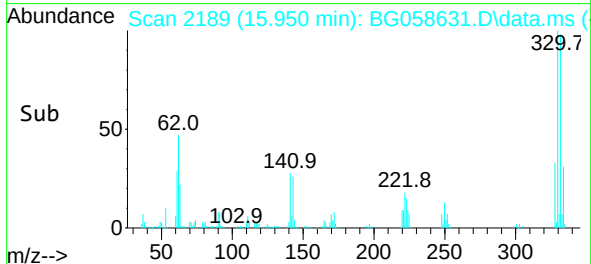
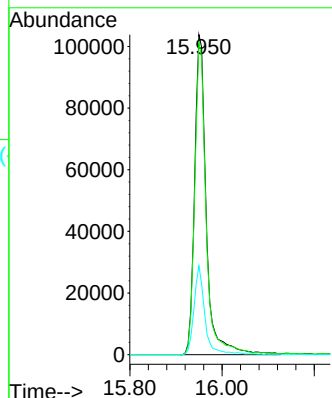
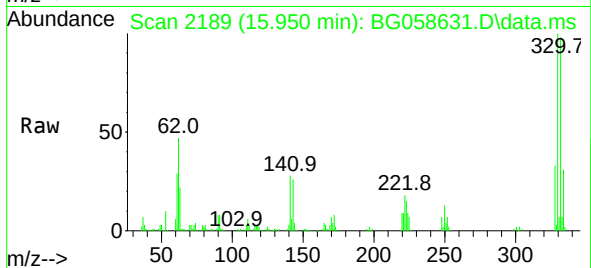




#42
2,4,6-Tribromophenol
Concen: 88.185 ng
RT: 15.950 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

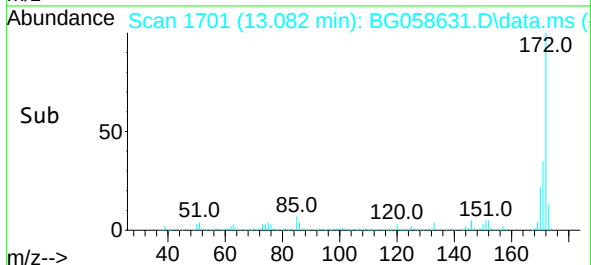
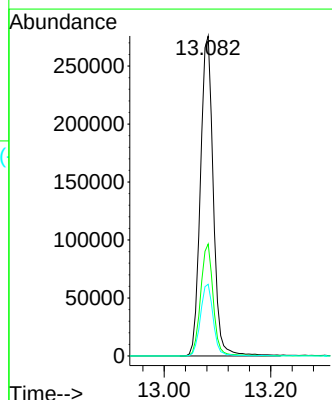
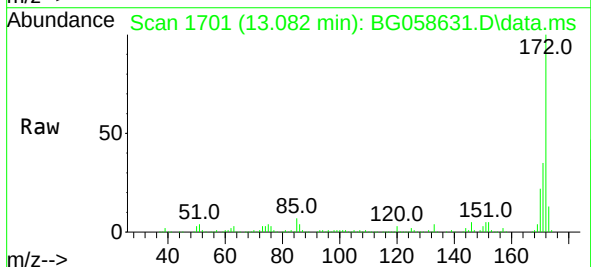
Instrument :
BNA_G
ClientSampleId :
MW-05

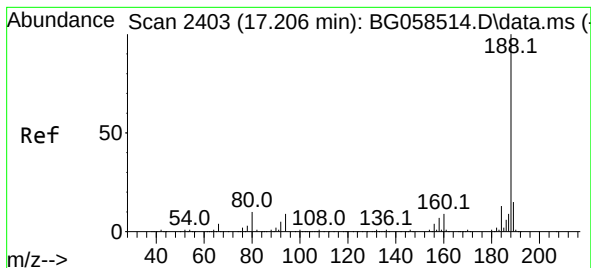
Tgt Ion:330 Resp: 182195
Ion Ratio Lower Upper
330 100
332 94.5 77.5 116.3
141 25.7 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 54.865 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Tgt Ion:172 Resp: 461483
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 22.4 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058631.D

Acq: 7 Aug 2023 17:40

Instrument :

BNA_G

ClientSampleId :

MW-05

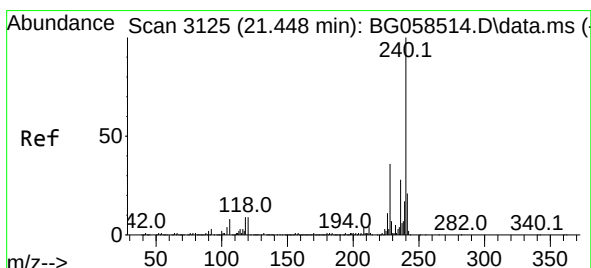
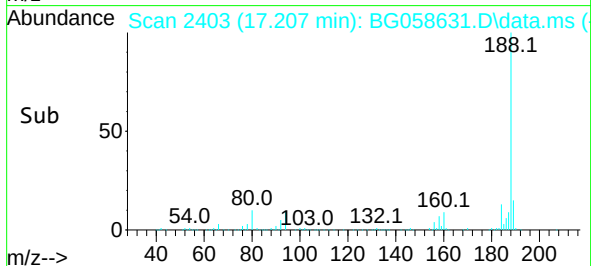
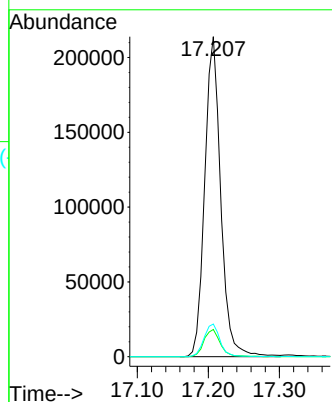
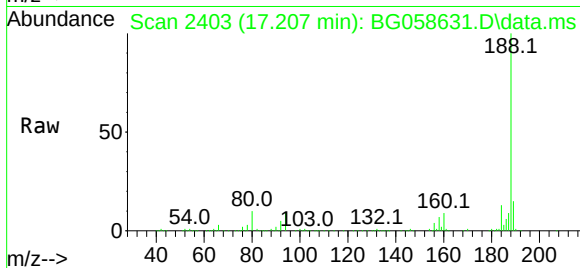
Tgt Ion:188 Resp: 335416

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 10.2 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 3125

Delta R.T. 0.001 min

Lab File: BG058631.D

Acq: 7 Aug 2023 17:40

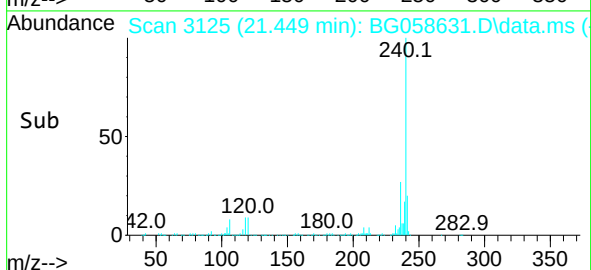
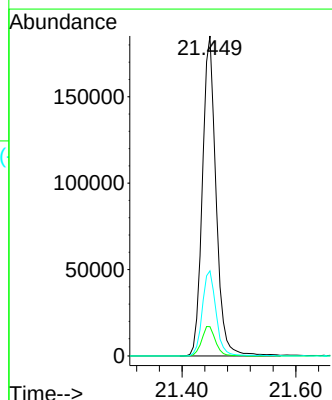
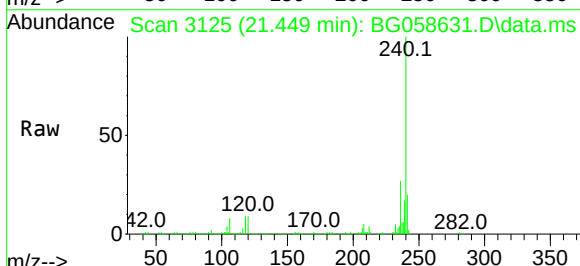
Tgt Ion:240 Resp: 308488

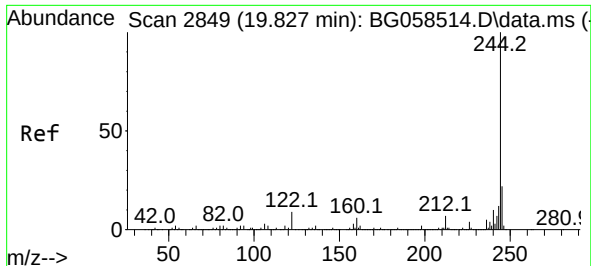
Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

236 26.6 22.2 33.4

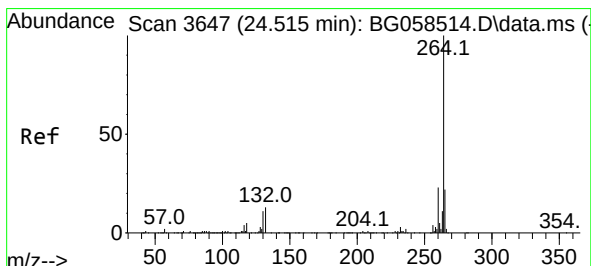
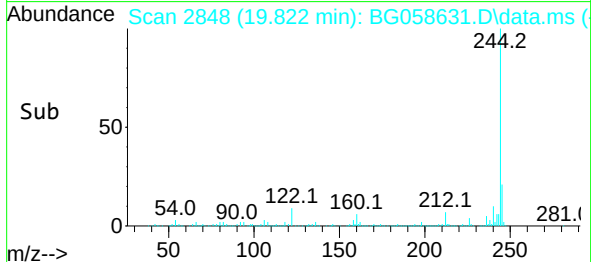
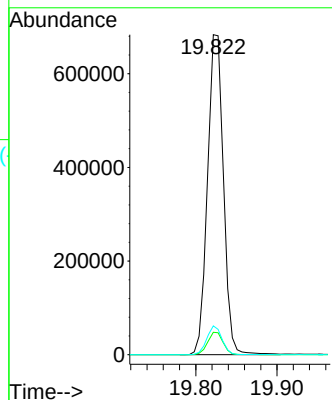
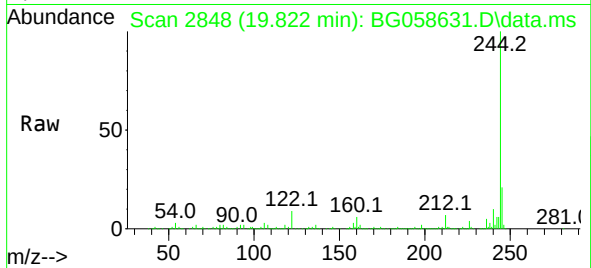




#79
 Terphenyl-d14
 Concen: 56.722 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058631.D
 Acq: 7 Aug 2023 17:40

Instrument :
 BNA_G
 ClientSampleId :
 MW-05

Tgt Ion:244 Resp: 930479
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.0 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. 0.001 min
 Lab File: BG058631.D
 Acq: 7 Aug 2023 17:40

Tgt Ion:264 Resp: 371689
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 22.5 17.9 26.9

