

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058626.D
 Acq On : 7 Aug 2023 14:16
 Operator : MA/JU
 Sample : 03831-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-18-20230727

Quant Time: Aug 07 14:50:35 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	7.811	152	31635	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	142221	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	111704	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	293750	20.000	ng	0.00
76) Chrysene-d12	21.448	240	271531	20.000	ng	0.00
86) Perylene-d12	24.521	264	327304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	127364	61.536	ng	0.00
7) Phenol-d6	6.983	99	106756	37.068	ng	0.00
23) Nitrobenzene-d5	8.980	82	270420	93.407	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	262479	143.360	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	686144	92.051	ng	0.00
79) Terphenyl-d14	19.826	244	1292170	89.491	ng	0.00

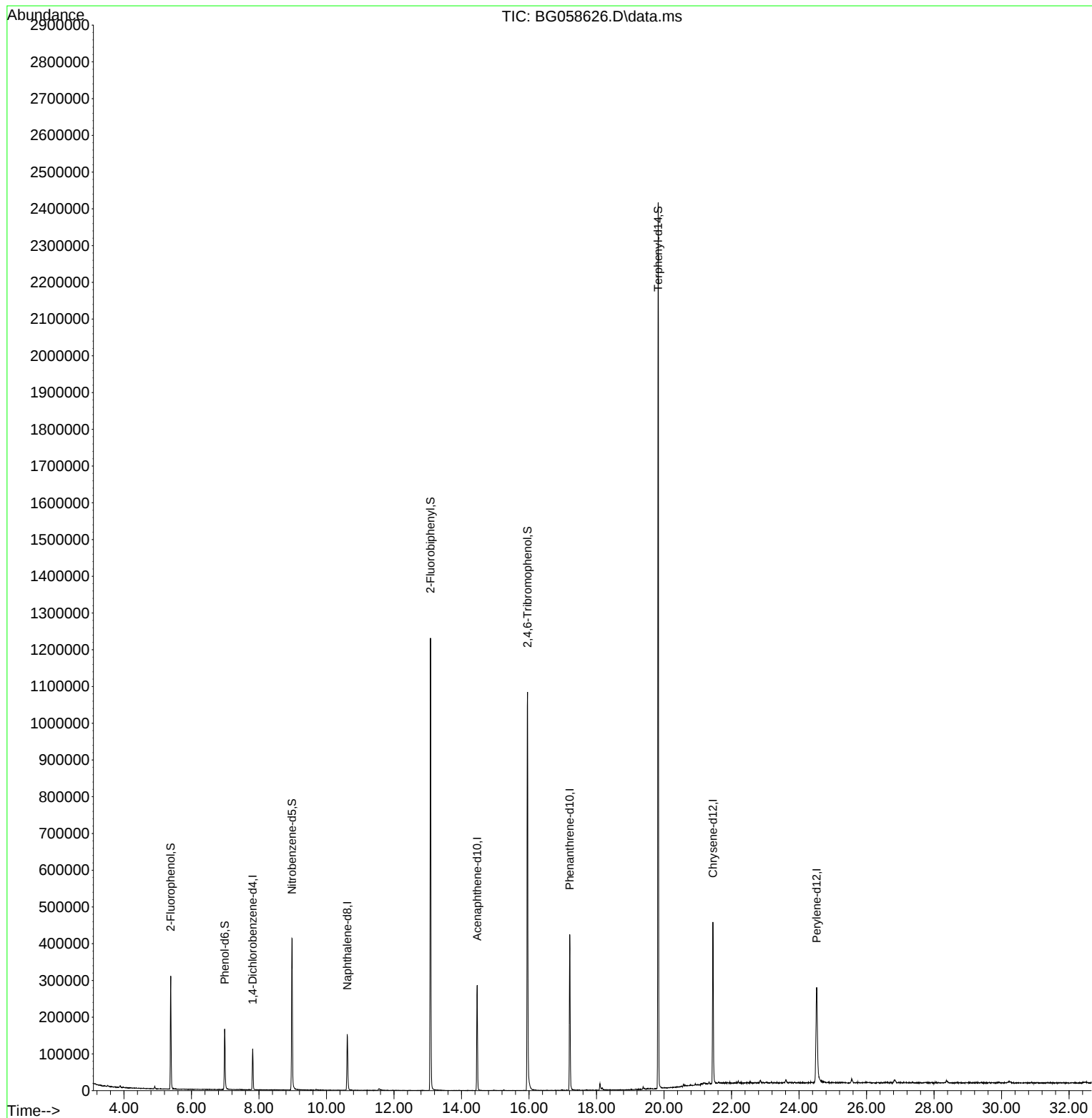
Target Compounds	Qvalue

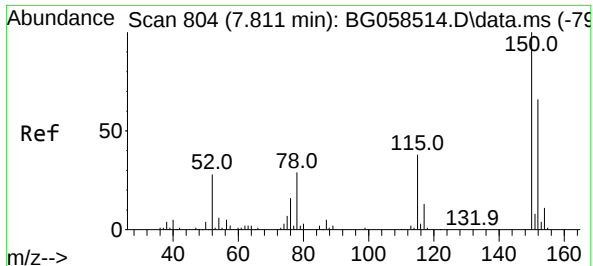
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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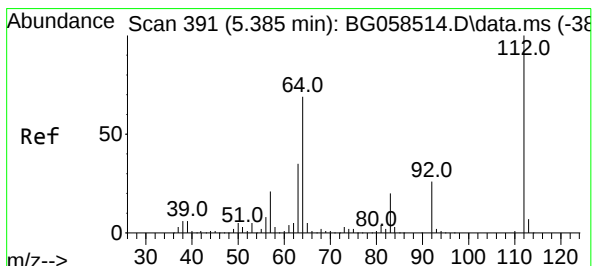
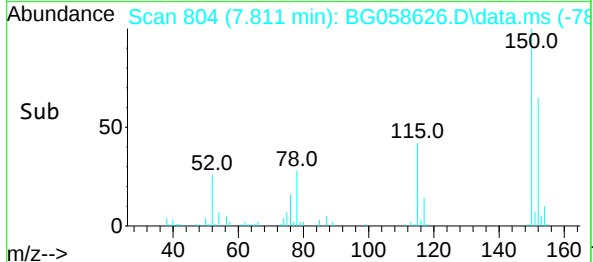
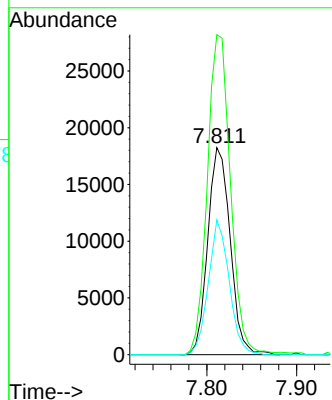
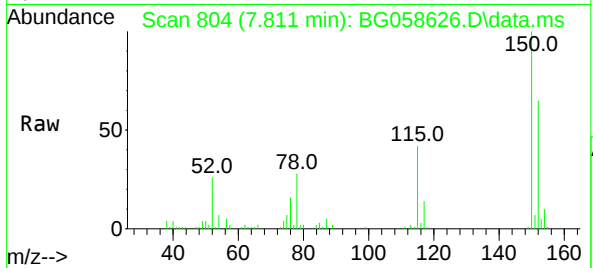




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

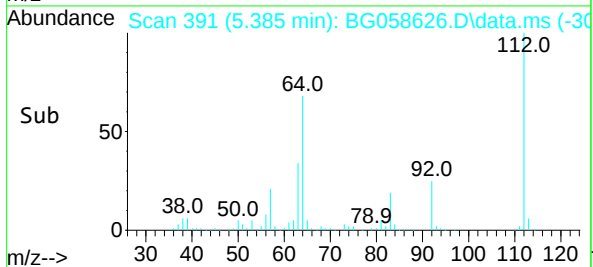
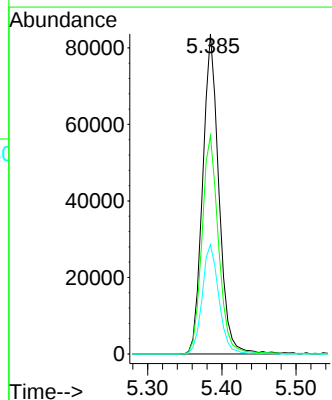
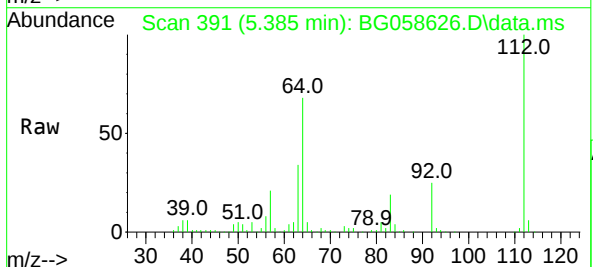
Instrument :
BNA_G
ClientSampleId :
MW-18-20230727

Tgt Ion:152 Resp: 31635
Ion Ratio Lower Upper
152 100
150 154.6 120.5 180.7
115 65.1 45.9 68.9



#5
2-Fluorophenol
Concen: 61.536 ng
RT: 5.385 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

Tgt Ion:112 Resp: 127364
Ion Ratio Lower Upper
112 100
64 68.2 55.3 82.9
63 34.2 28.3 42.5

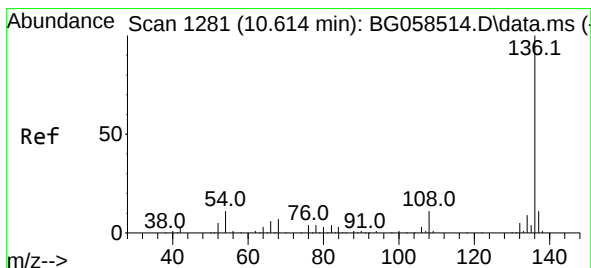
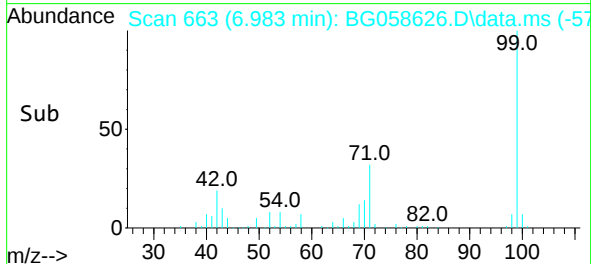
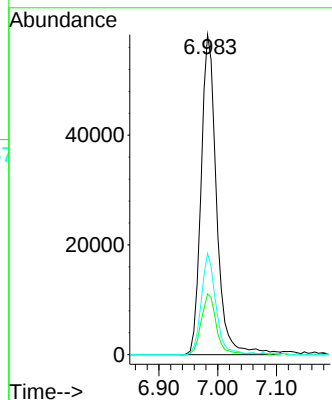
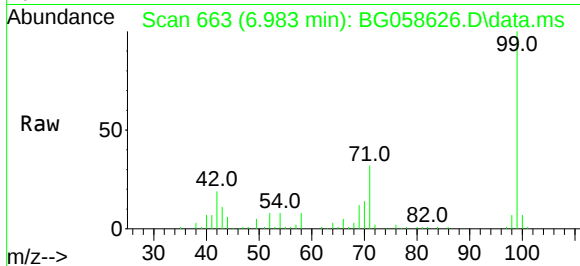




#7
Phenol-d6
Concen: 37.068 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

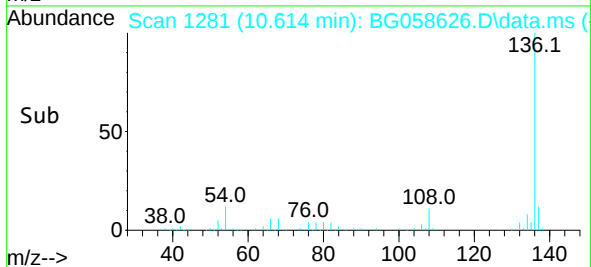
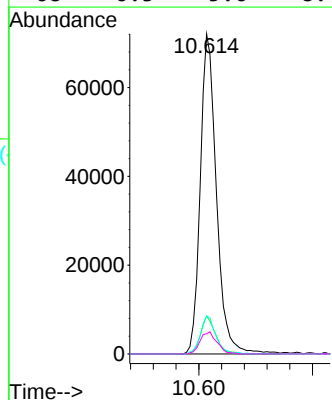
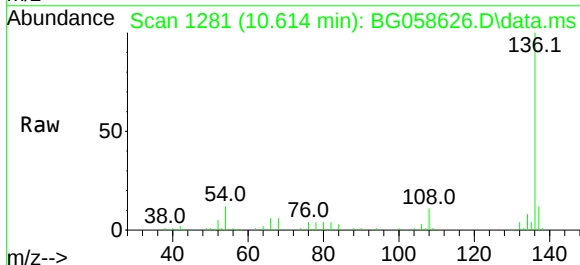
Instrument :
BNA_G
ClientSampleId :
MW-18-20230727

Tgt Ion: 99 Resp: 106756
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 31.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

Tgt Ion: 136 Resp: 142221
Ion Ratio Lower Upper
136 100
137 11.8 8.6 13.0
54 11.9 8.9 13.3
68 6.3 5.6 8.4

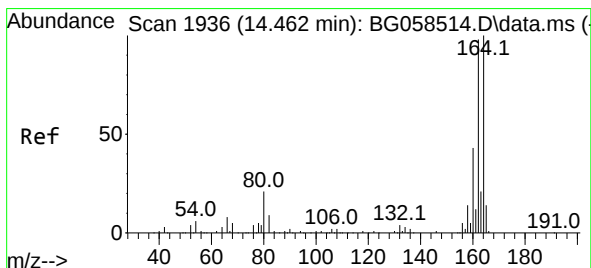
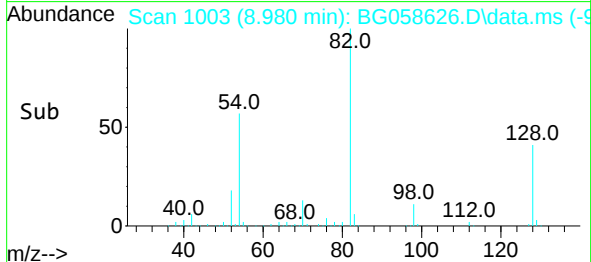
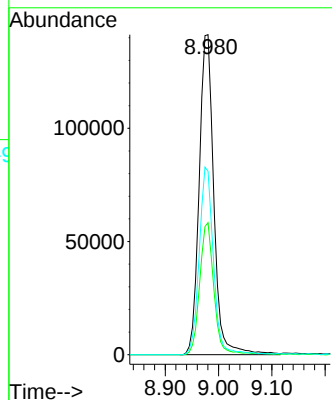
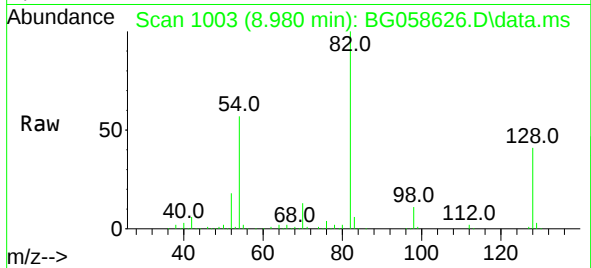




#23
Nitrobenzene-d5
Concen: 93.407 ng
RT: 8.980 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

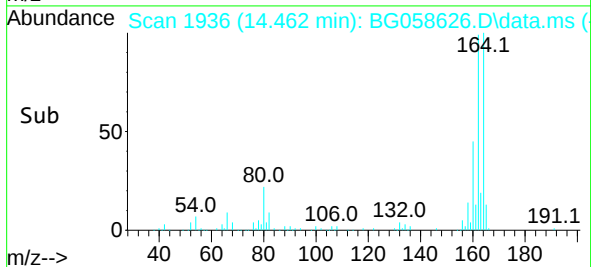
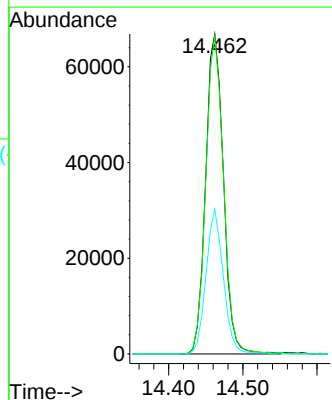
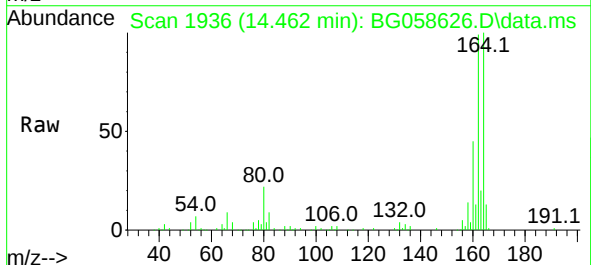
Instrument :
BNA_G
ClientSampleId :
MW-18-20230727

Tgt Ion: 82 Resp: 270420
Ion Ratio Lower Upper
82 100
128 41.3 32.2 48.2
54 57.4 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

Tgt Ion:164 Resp: 111704
Ion Ratio Lower Upper
164 100
162 99.2 78.3 117.5
160 45.2 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 143.360 ng

RT: 15.955 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058626.D

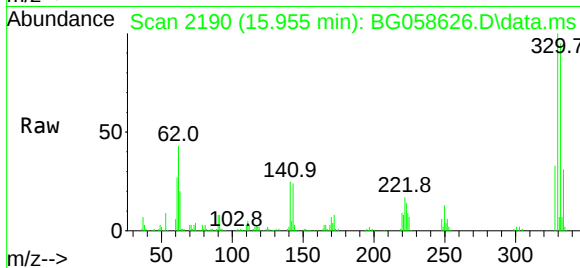
Acq: 7 Aug 2023 14:16

Instrument :

BNA_G

ClientSampleId :

MW-18-20230727



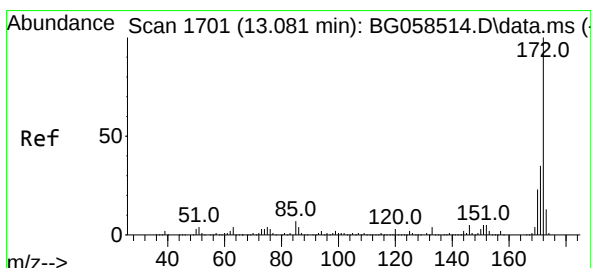
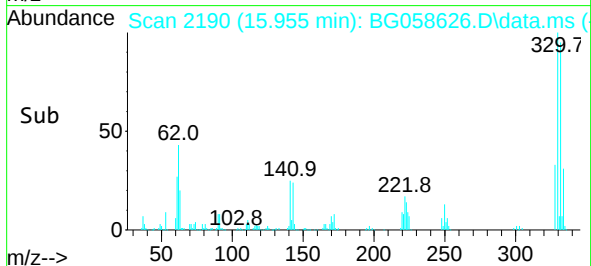
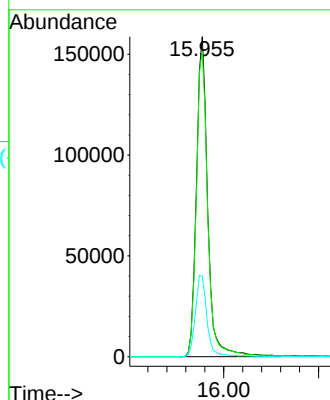
Tgt Ion:330 Resp: 262479

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 26.4 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 92.051 ng

RT: 13.081 min Scan# 1701

Delta R.T. -0.000 min

Lab File: BG058626.D

Acq: 7 Aug 2023 14:16

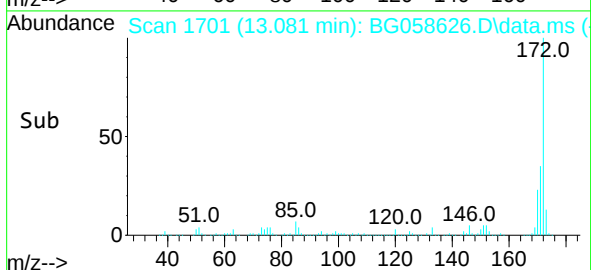
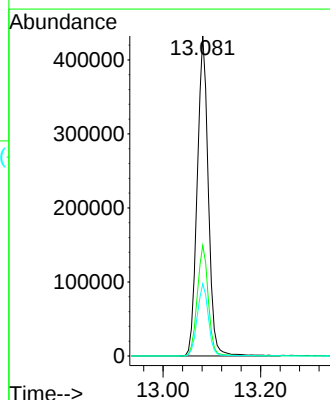
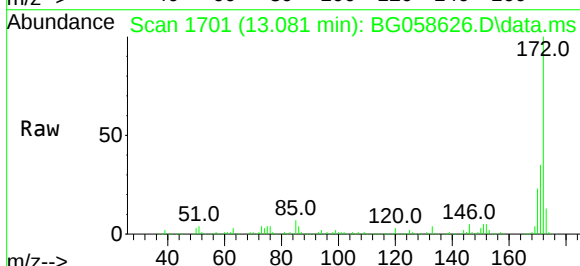
Tgt Ion:172 Resp: 686144

Ion Ratio Lower Upper

172 100

171 34.5 28.0 42.0

170 22.5 18.4 27.6

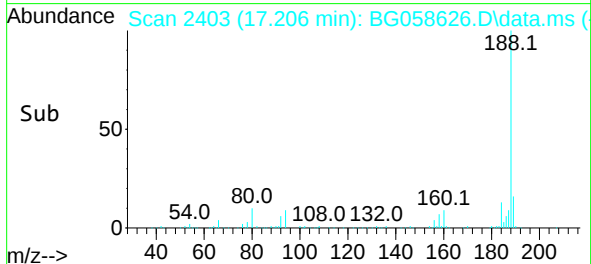
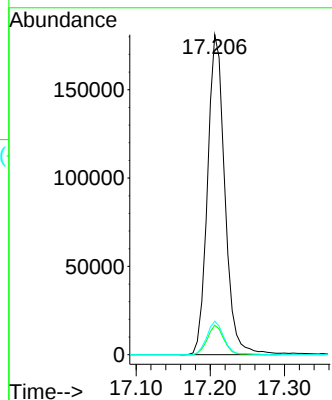
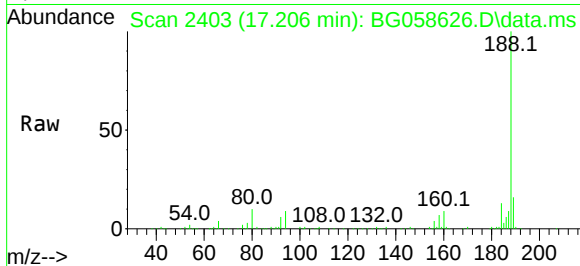




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

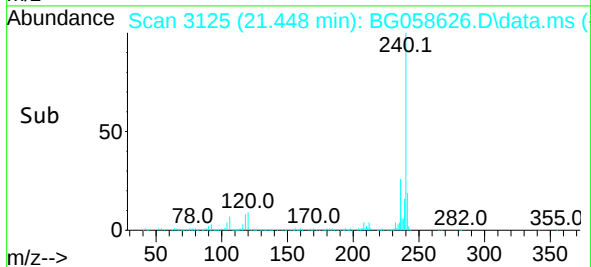
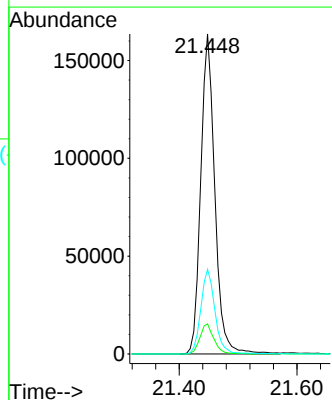
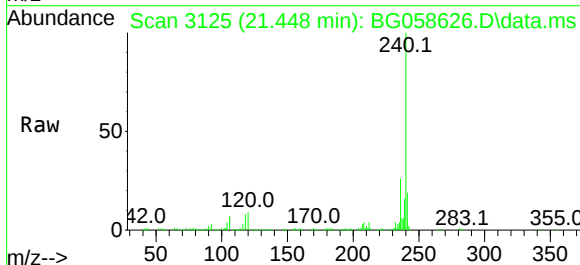
Instrument :
BNA_G
ClientSampleId :
MW-18-20230727

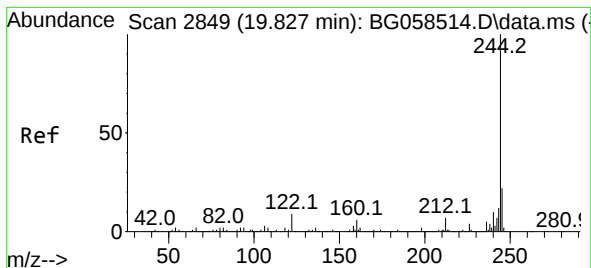
Tgt Ion:188 Resp: 293750
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

Tgt Ion:240 Resp: 271531
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 26.5 22.2 33.4





#79

Terphenyl-d14

Concen: 89.491 ng

RT: 19.826 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058626.D

Acq: 7 Aug 2023 14:16

Instrument :

BNA_G

ClientSampleId :

MW-18-20230727

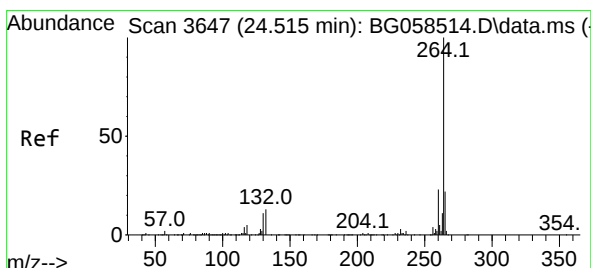
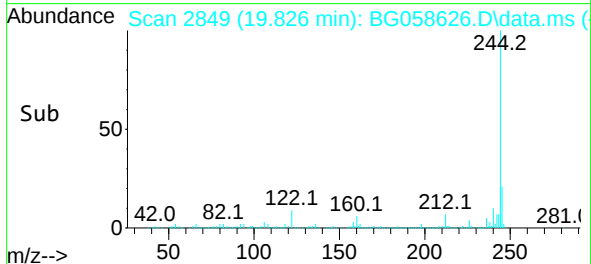
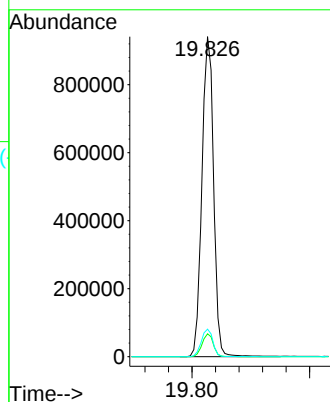
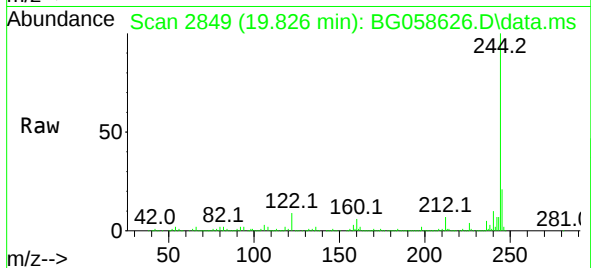
Tgt Ion:244 Resp: 1292170

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 8.6 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.521 min Scan# 3648

Delta R.T. 0.006 min

Lab File: BG058626.D

Acq: 7 Aug 2023 14:16

Tgt Ion:264 Resp: 327304

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 22.2 17.9 26.9

