

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058624.D
 Acq On : 7 Aug 2023 12:55
 Operator : MA/JU
 Sample : 03831-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15-20230727

Quant Time: Aug 07 13:30:23 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	35856	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	151956	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	116968	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	320927	20.000	ng	0.00
76) Chrysene-d12	21.449	240	304121	20.000	ng	0.00
86) Perylene-d12	24.522	264	377113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	125192	53.366	ng	0.00
7) Phenol-d6	6.984	99	104950	32.151	ng	0.00
23) Nitrobenzene-d5	8.975	82	260237	84.131	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	249299	130.034	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	632958	81.095	ng	0.00
79) Terphenyl-d14	19.827	244	1295447	80.104	ng	0.00

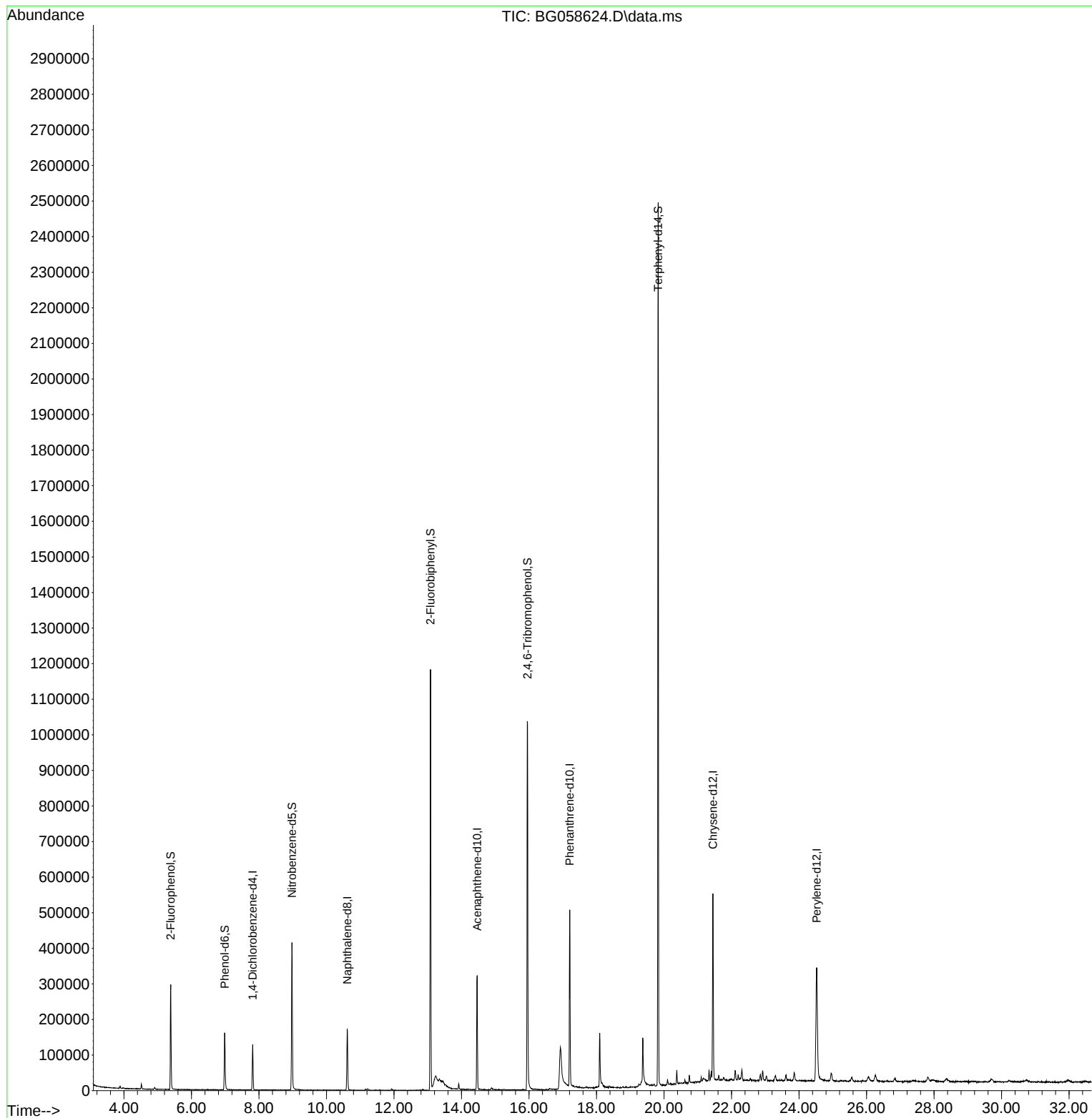
Target Compounds	Qvalue

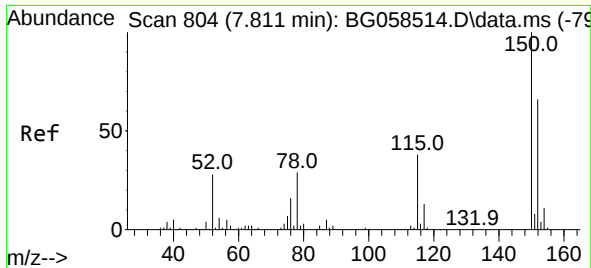
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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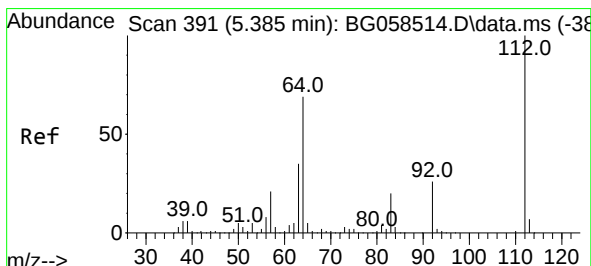
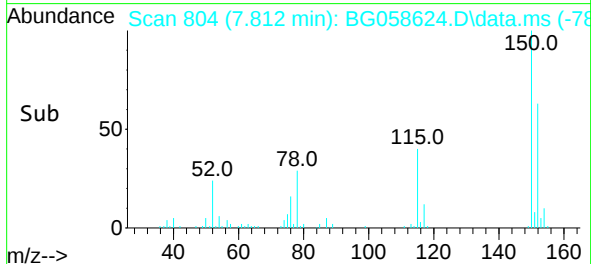
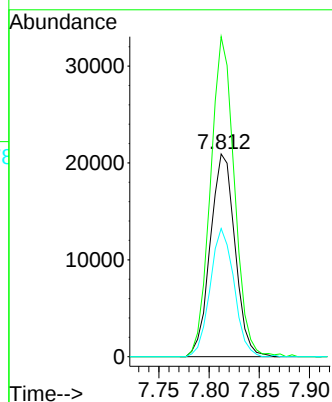
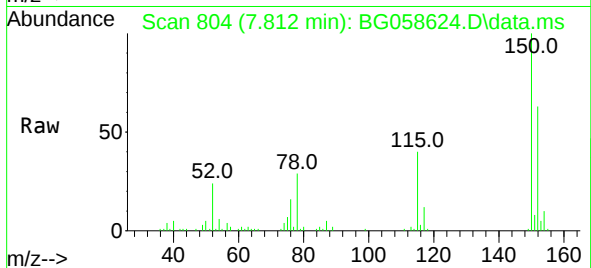




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

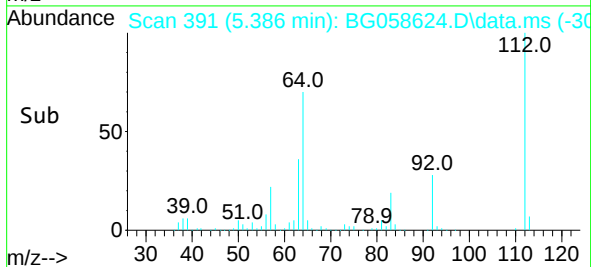
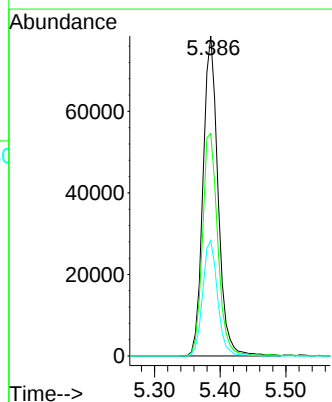
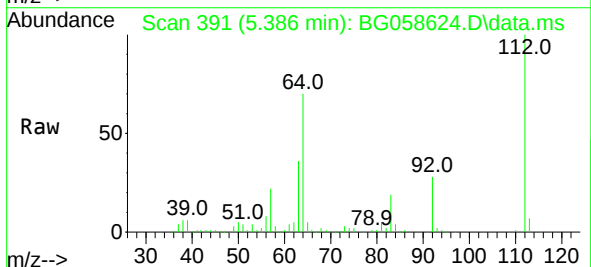
Instrument :
BNA_G
ClientSampleId :
MW-15-20230727

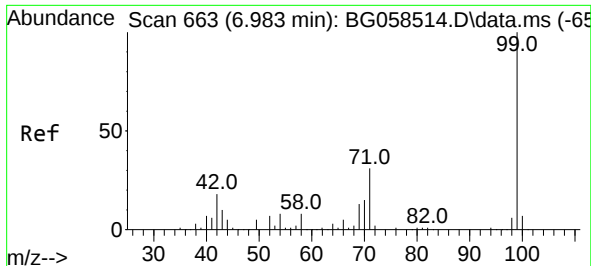
Tgt Ion:152 Resp: 35856
Ion Ratio Lower Upper
152 100
150 157.9 120.5 180.7
115 63.3 45.9 68.9



#5
2-Fluorophenol
Concen: 53.366 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

Tgt Ion:112 Resp: 125192
Ion Ratio Lower Upper
112 100
64 69.6 55.3 82.9
63 36.1 28.3 42.5

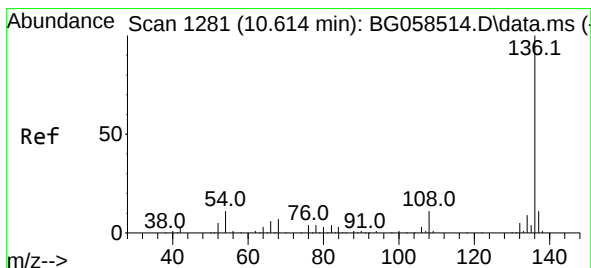
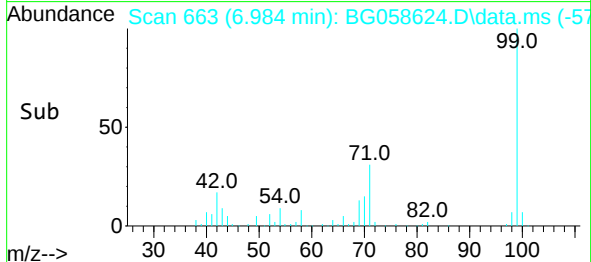
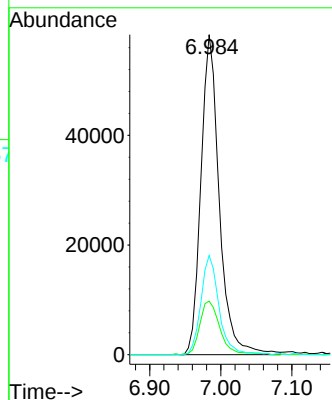
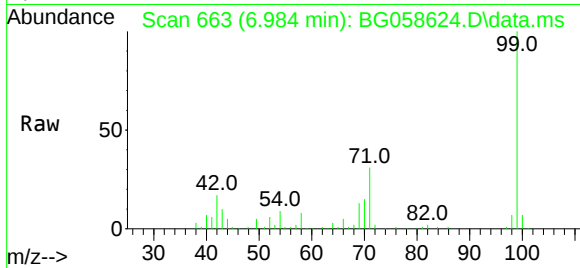




#7
Phenol-d6
Concen: 32.151 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

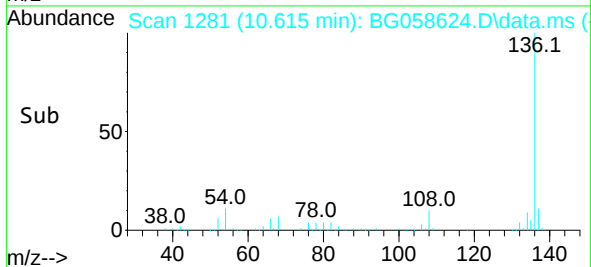
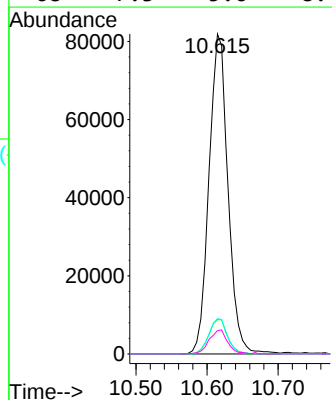
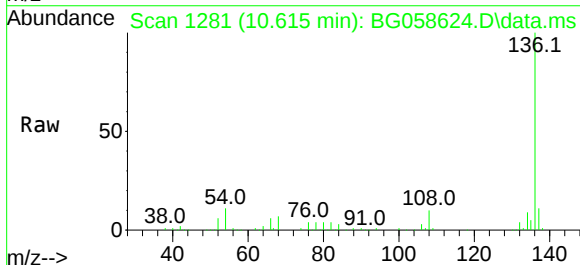
Instrument :
BNA_G
ClientSampleId :
MW-15-20230727

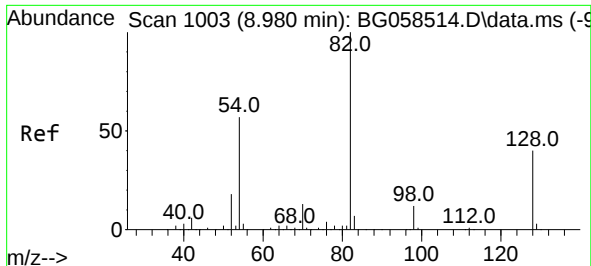
Tgt Ion: 99 Resp: 104950
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 31.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

Tgt Ion: 136 Resp: 151956
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.0 8.9 13.3
68 7.3 5.6 8.4





#23

Nitrobenzene-d5

Concen: 84.131 ng

RT: 8.975 min Scan# 1003

Delta R.T. -0.005 min

Lab File: BG058624.D

Acq: 7 Aug 2023 12:55

Instrument :

BNA_G

ClientSampleId :

MW-15-20230727

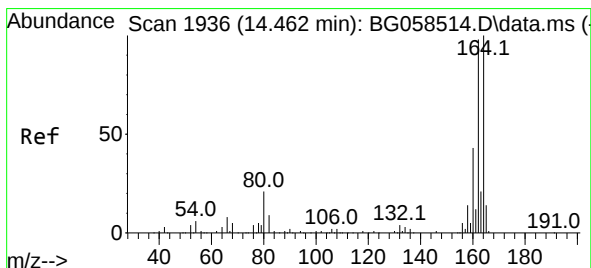
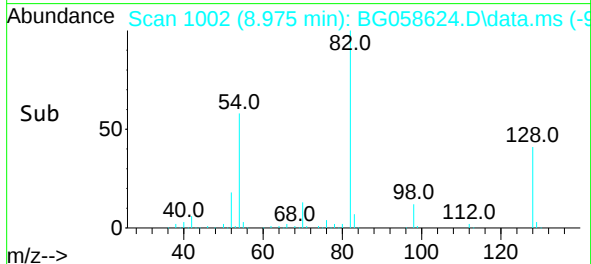
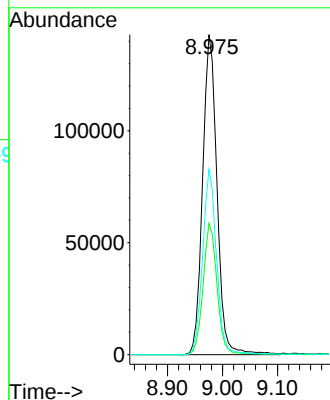
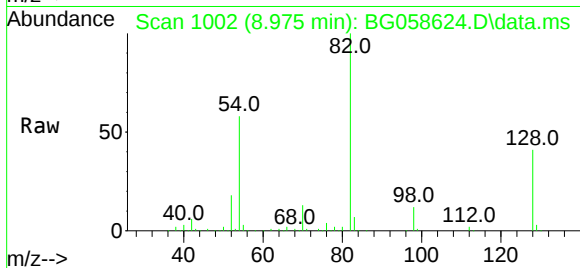
Tgt Ion: 82 Resp: 260237

Ion Ratio Lower Upper

82 100

128 41.0 32.2 48.2

54 57.9 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.001 min

Lab File: BG058624.D

Acq: 7 Aug 2023 12:55

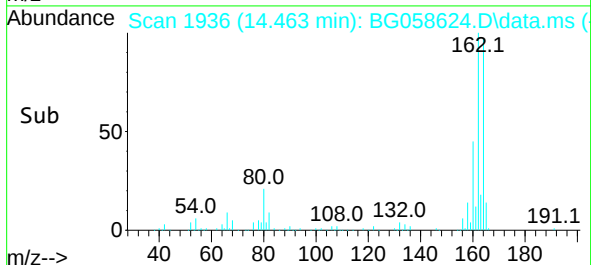
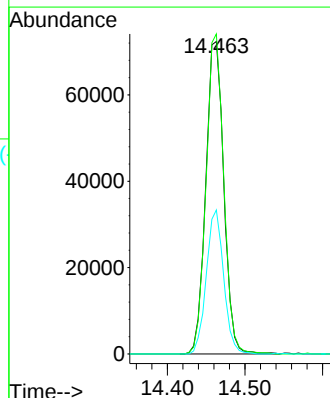
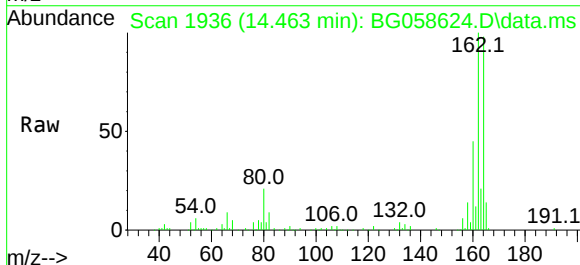
Tgt Ion:164 Resp: 116968

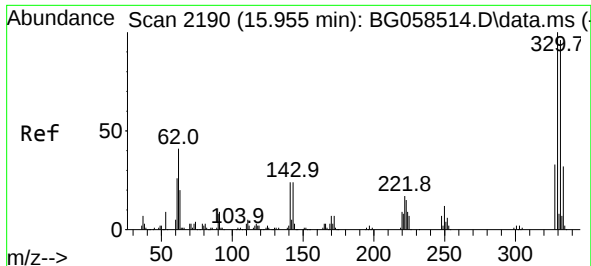
Ion Ratio Lower Upper

164 100

162 102.4 78.3 117.5

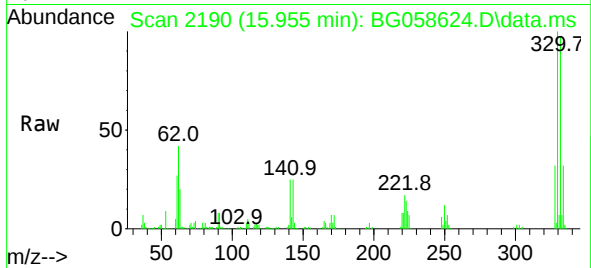
160 46.1 34.1 51.1



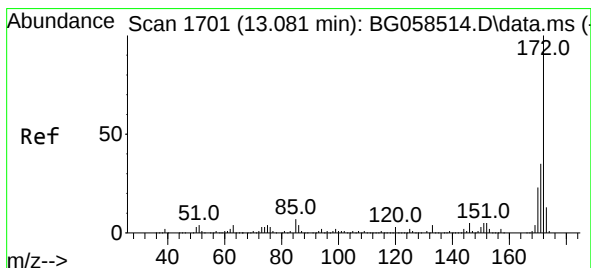
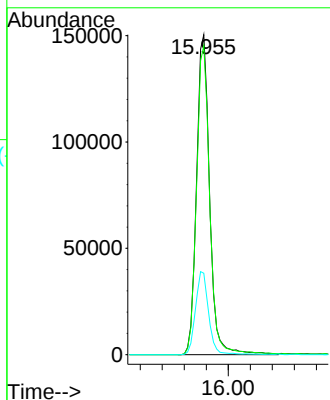
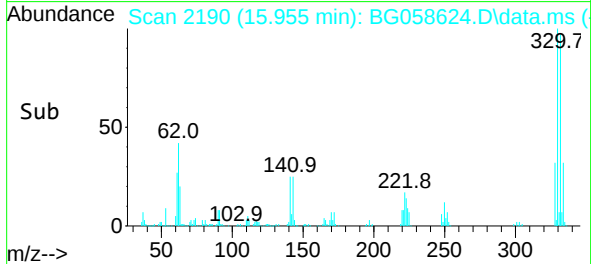


#42
2,4,6-Tribromophenol
Concen: 130.034 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

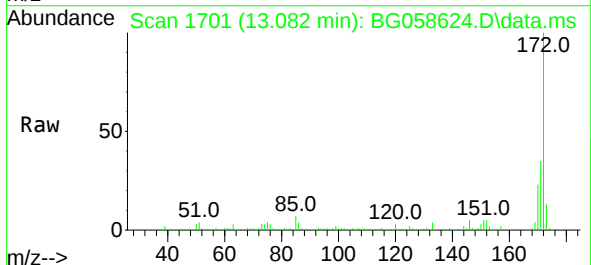
Instrument :
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MW-15-20230727



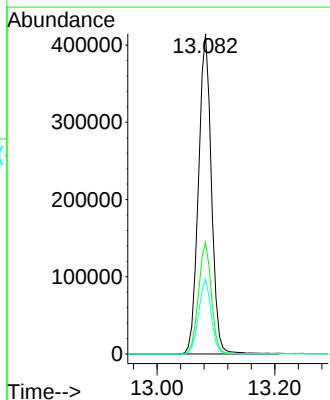
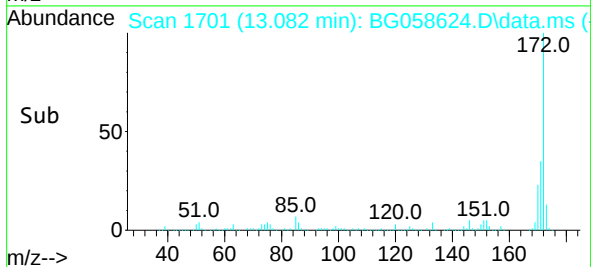
Tgt Ion:330 Resp: 249299
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 26.1 20.7 31.1

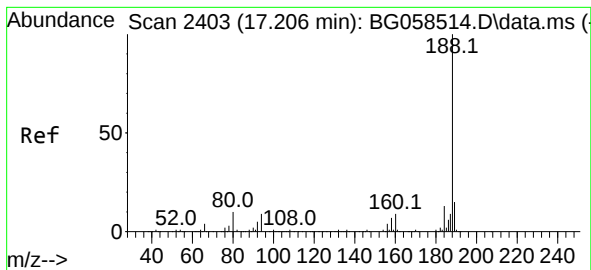


#45
2-Fluorobiphenyl
Concen: 81.095 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55



Tgt Ion:172 Resp: 632958
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.4 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: BG058624.D

Acq: 7 Aug 2023 12:55

Instrument :

BNA_G

ClientSampleId :

MW-15-20230727

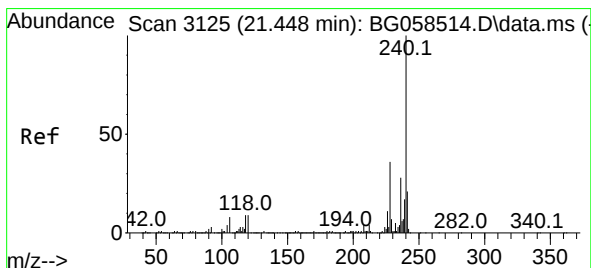
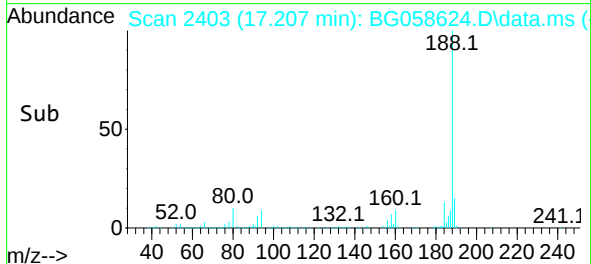
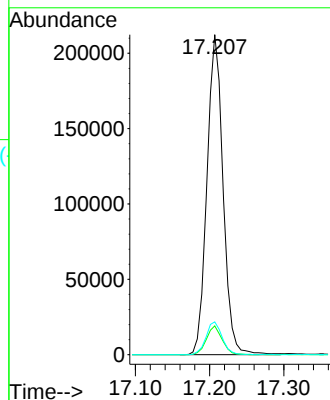
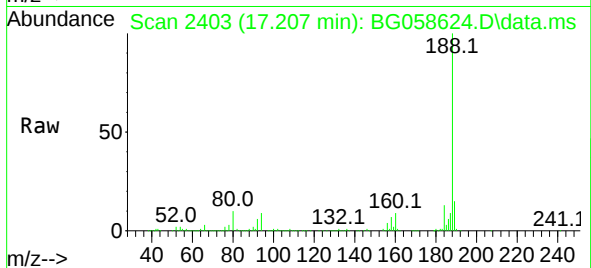
Tgt Ion:188 Resp: 320927

Ion Ratio Lower Upper

188 100

94 9.0 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: BG058624.D

Acq: 7 Aug 2023 12:55

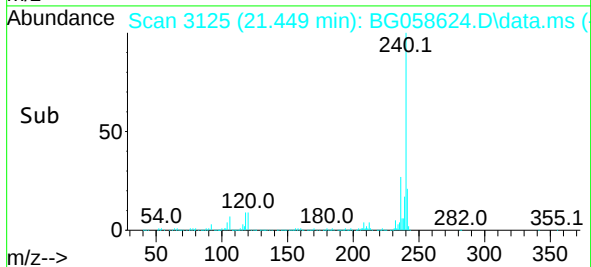
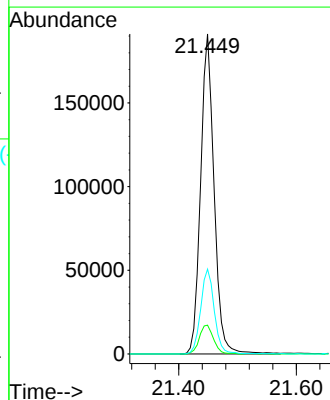
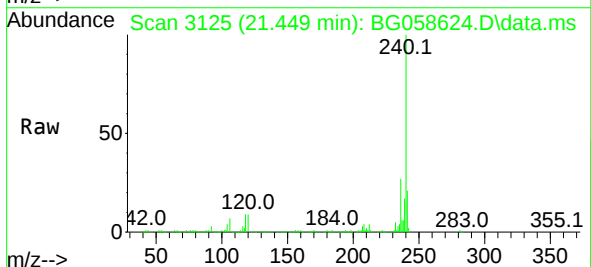
Tgt Ion:240 Resp: 304121

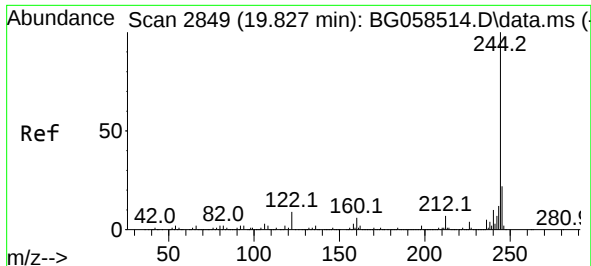
Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.0

236 26.5 22.2 33.4

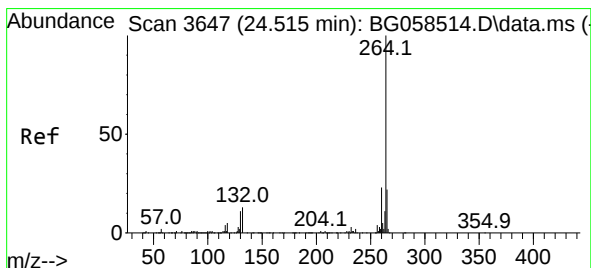
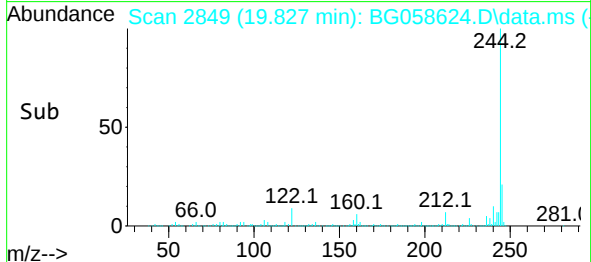
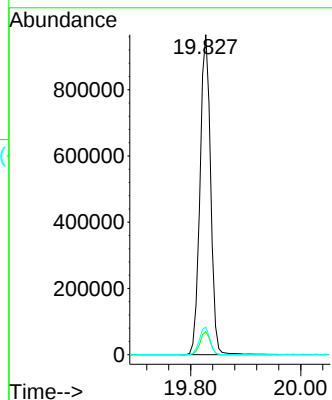
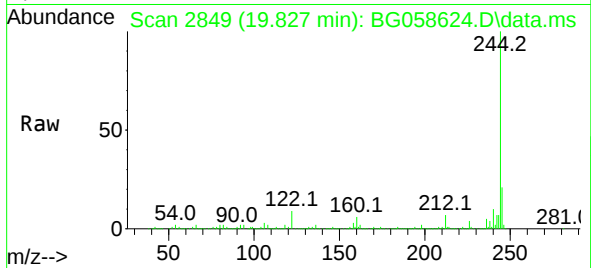




#79
 Terphenyl-d14
 Concen: 80.104 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.001 min
 Lab File: BG058624.D
 Acq: 7 Aug 2023 12:55

Instrument :
 BNA_G
 ClientSampleId :
 MW-15-20230727

Tgt Ion:244 Resp: 1295447
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.5 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 3648
 Delta R.T. 0.007 min
 Lab File: BG058624.D
 Acq: 7 Aug 2023 12:55

Tgt Ion:264 Resp: 377113
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 21.5 17.9 26.9

