

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058627.D
 Acq On : 7 Aug 2023 14:57
 Operator : MA/JU
 Sample : 03831-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-19-20230727

Quant Time: Aug 07 15:48:38 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	37021	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	165040	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	131105	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	349604	20.000	ng	0.00
76) Chrysene-d12	21.449	240	322631	20.000	ng	0.00
86) Perylene-d12	24.522	264	398383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	152760	63.069	ng	0.00
7) Phenol-d6	6.984	99	132558	39.331	ng	0.00
23) Nitrobenzene-d5	8.975	82	292352	87.021	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	277998	129.367	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	728174	83.234	ng	0.00
79) Terphenyl-d14	19.827	244	1392067	81.140	ng	0.00

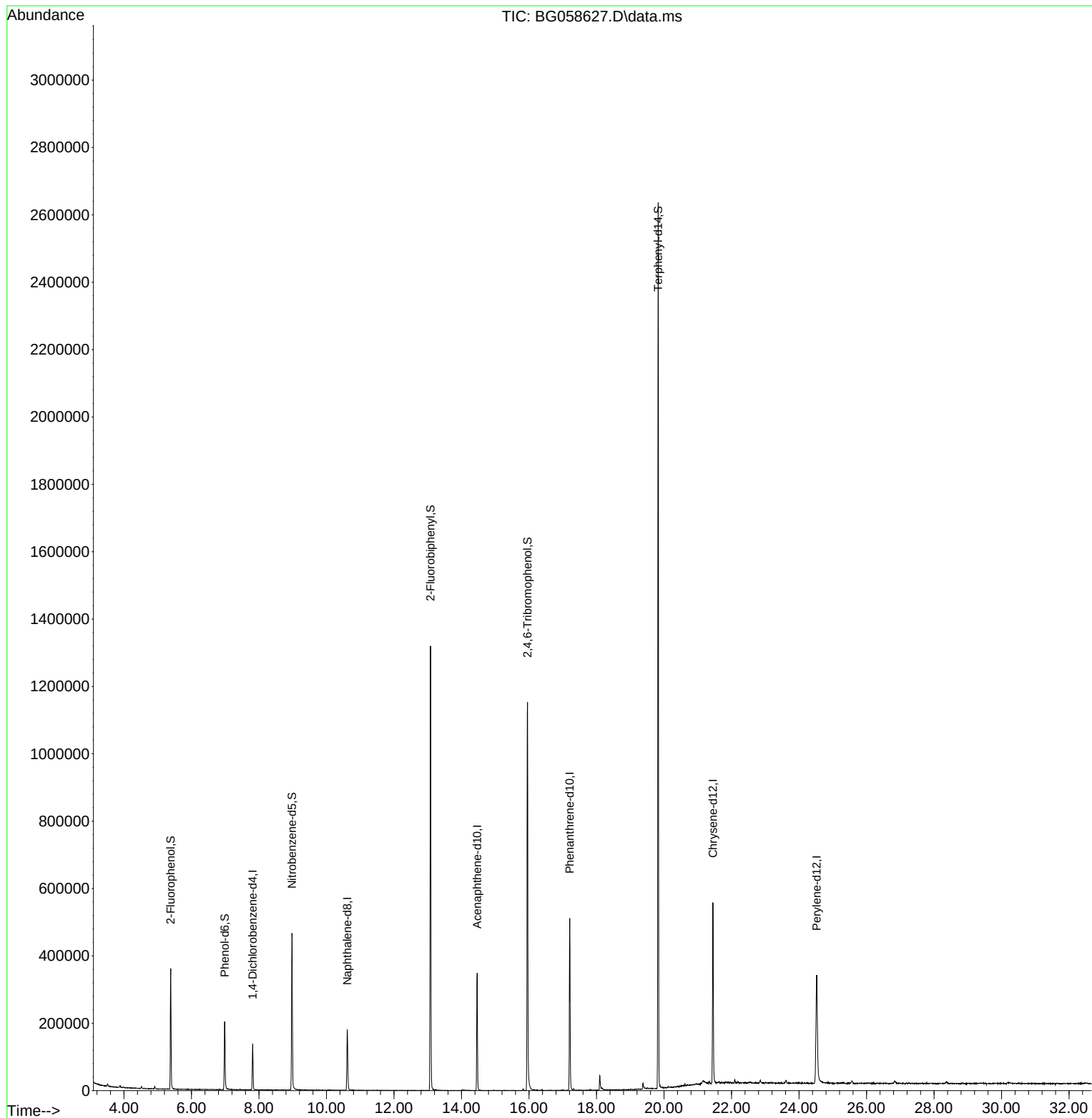
Target Compounds	Qvalue

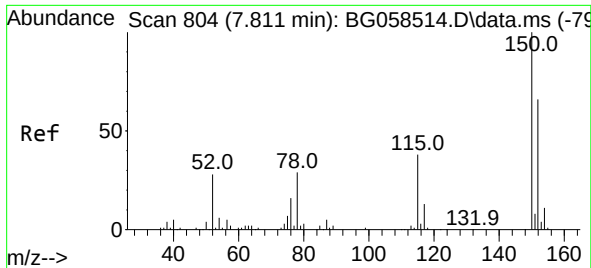
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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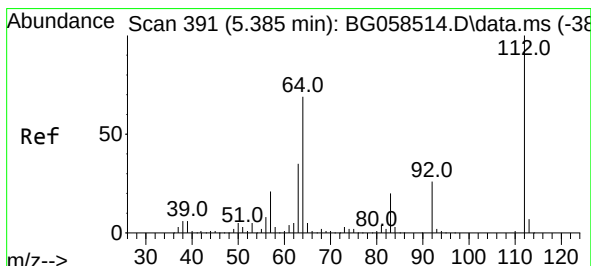
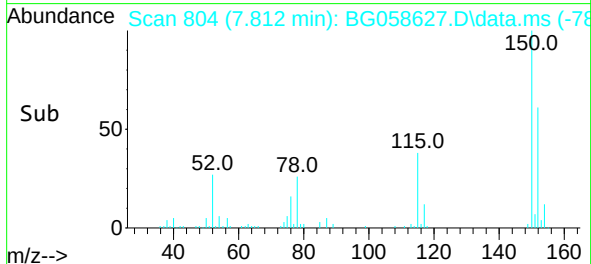
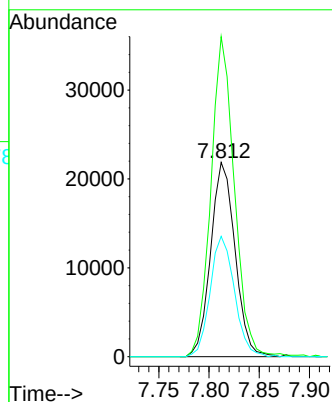
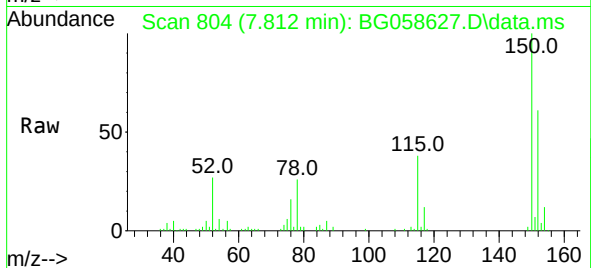




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.812 min Scan# 804
 Delta R.T. 0.001 min
 Lab File: BG058627.D
 Acq: 7 Aug 2023 14:57

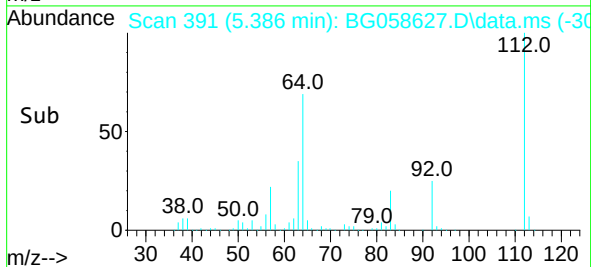
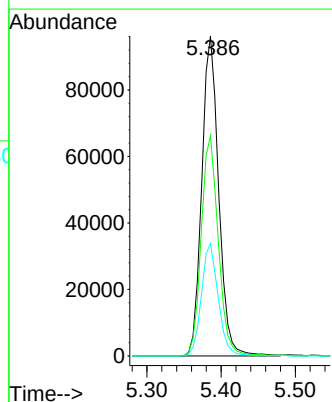
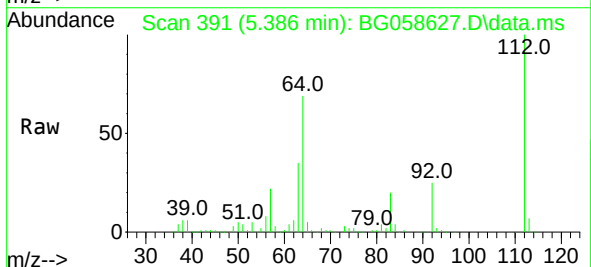
Instrument :
 BNA_G
 ClientSampleId :
 MW-19-20230727

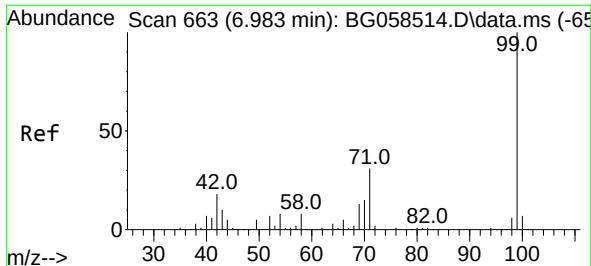
Tgt Ion:152 Resp: 37021
 Ion Ratio Lower Upper
 152 100
 150 164.8 120.5 180.7
 115 62.0 45.9 68.9



#5
 2-Fluorophenol
 Concen: 63.069 ng
 RT: 5.386 min Scan# 391
 Delta R.T. 0.001 min
 Lab File: BG058627.D
 Acq: 7 Aug 2023 14:57

Tgt Ion:112 Resp: 152760
 Ion Ratio Lower Upper
 112 100
 64 68.8 55.3 82.9
 63 35.2 28.3 42.5





#7

Phenol-d6

Concen: 39.331 ng

RT: 6.984 min Scan# 6

Delta R.T. 0.001 min

Lab File: BG058627.D

Acq: 7 Aug 2023 14:57

Instrument :

BNA_G

ClientSampleId :

MW-19-20230727

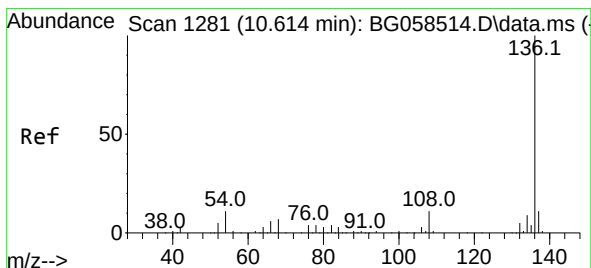
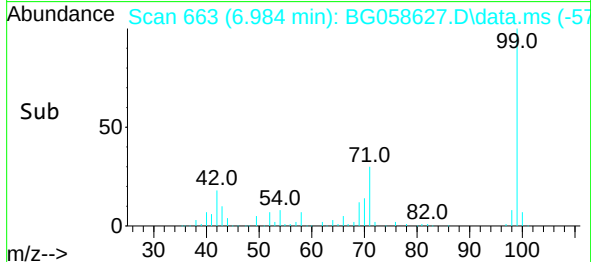
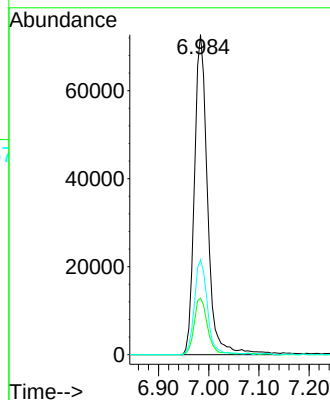
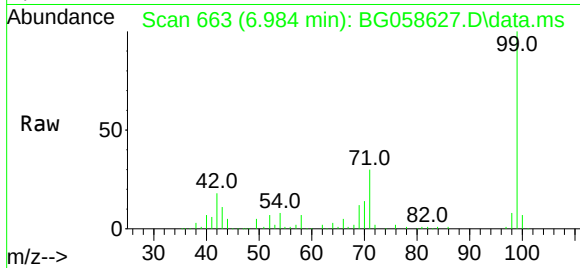
Tgt Ion: 99 Resp: 132558

Ion Ratio Lower Upper

99 100

42 17.6 14.6 21.8

71 29.7 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: BG058627.D

Acq: 7 Aug 2023 14:57

Tgt Ion: 136 Resp: 165040

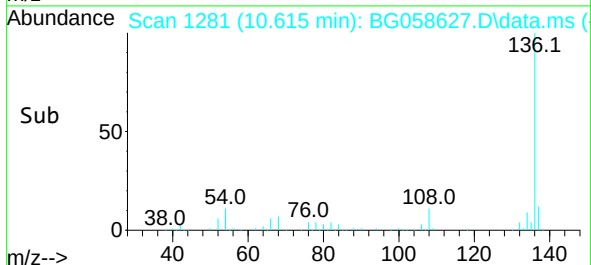
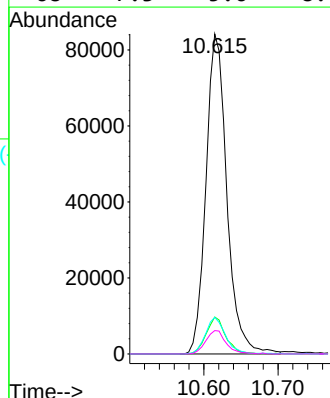
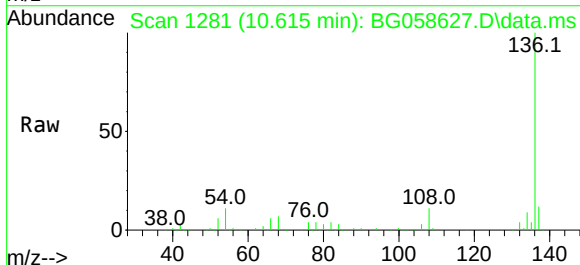
Ion Ratio Lower Upper

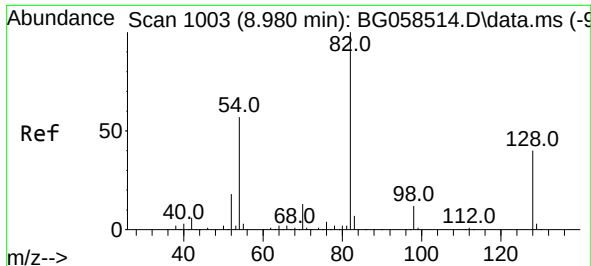
136 100

137 11.6 8.6 13.0

54 11.5 8.9 13.3

68 7.3 5.6 8.4

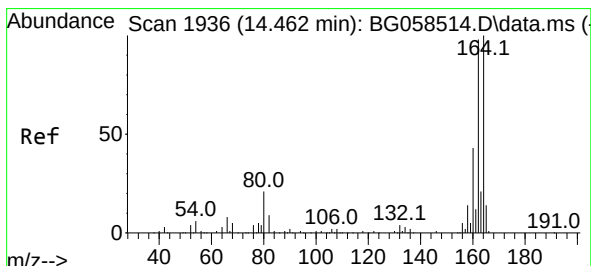
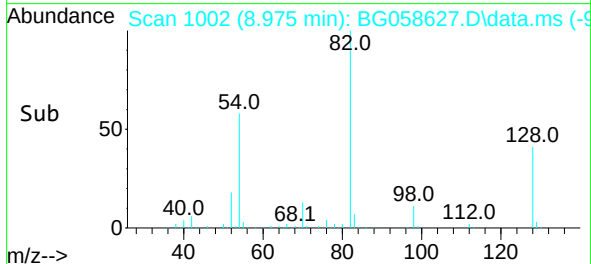
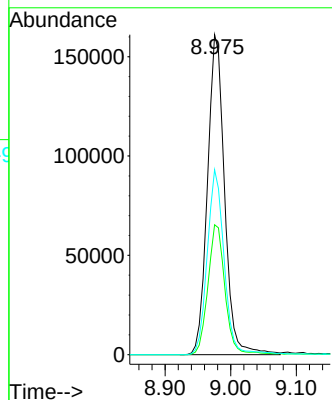
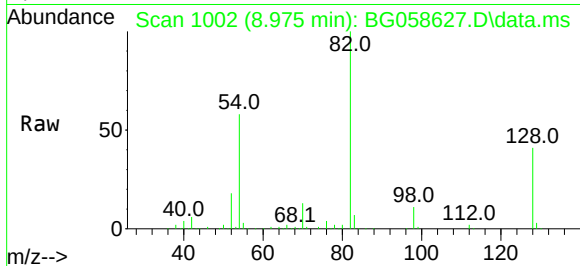




#23
Nitrobenzene-d5
Concen: 87.021 ng
RT: 8.975 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

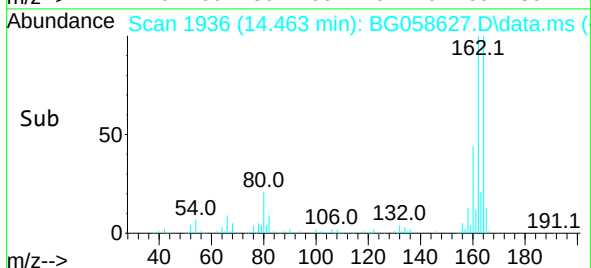
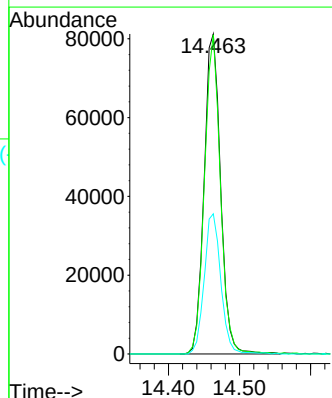
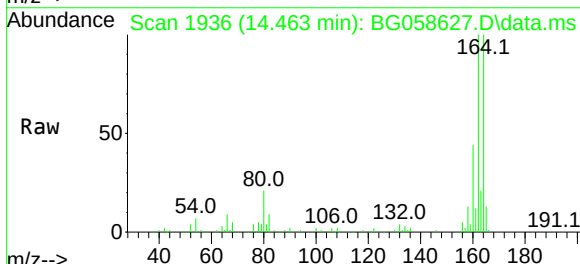
Instrument :
BNA_G
ClientSampleId :
MW-19-20230727

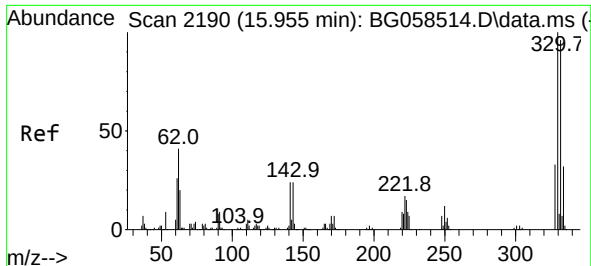
Tgt Ion: 82 Resp: 292352
Ion Ratio Lower Upper
82 100
128 40.6 32.2 48.2
54 57.8 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

Tgt Ion:164 Resp: 131105
Ion Ratio Lower Upper
164 100
162 99.8 78.3 117.5
160 43.8 34.1 51.1

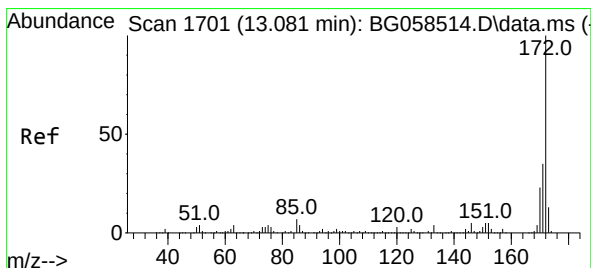
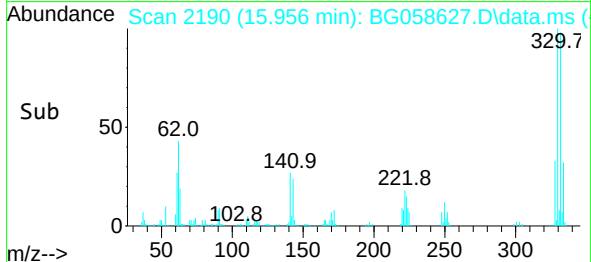
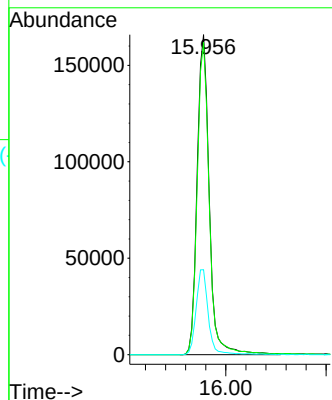
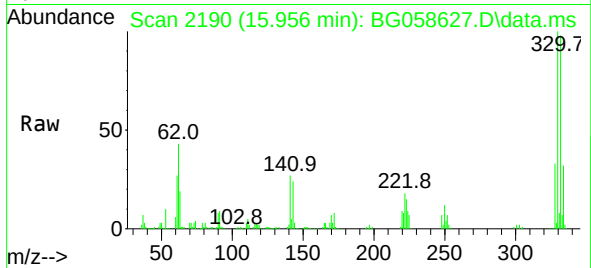




#42
2,4,6-Tribromophenol
Concen: 129.367 ng
RT: 15.956 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

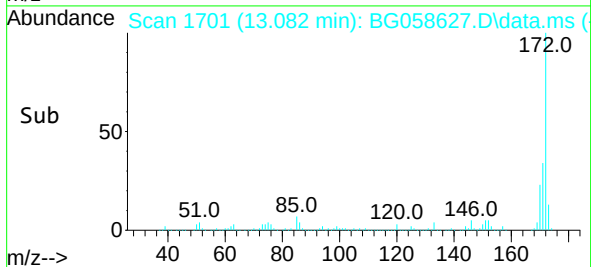
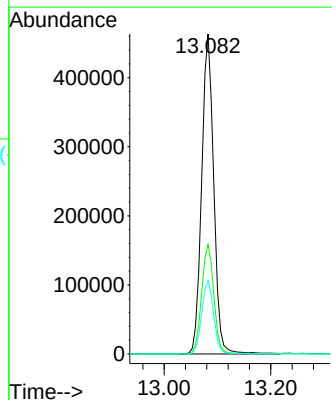
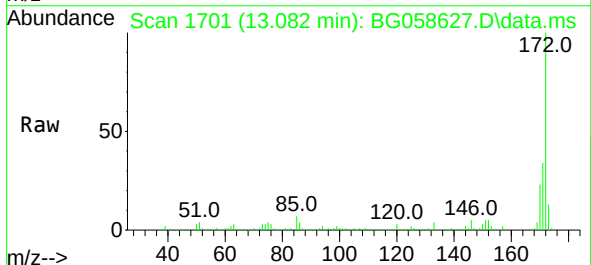
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ClientSampleId :
MW-19-20230727

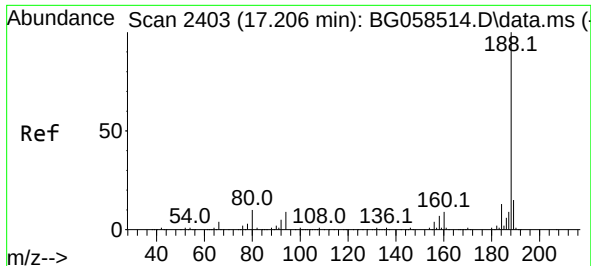
Tgt Ion:330 Resp: 277998
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 26.4 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 83.234 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

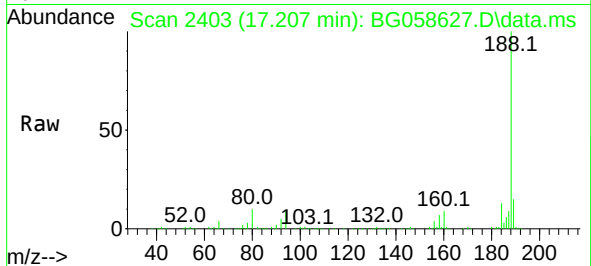
Tgt Ion:172 Resp: 728174
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 22.8 18.4 27.6



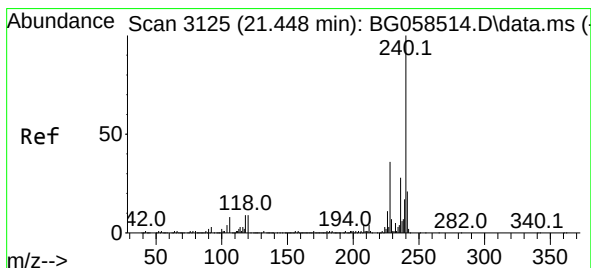
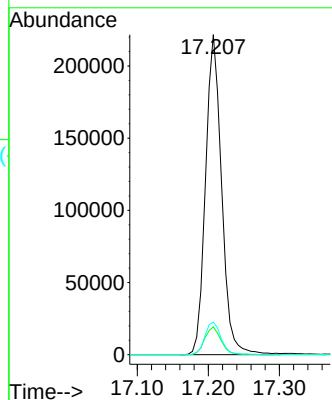


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

Instrument :
BNA_G
ClientSampleId :
MW-19-20230727

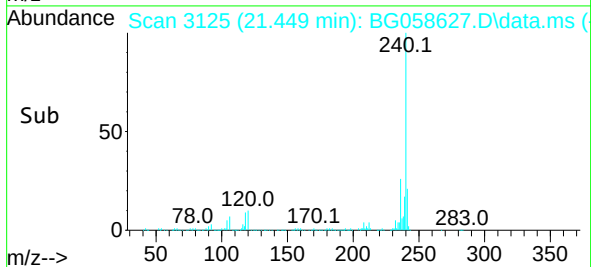
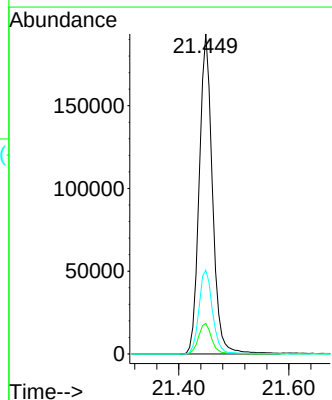
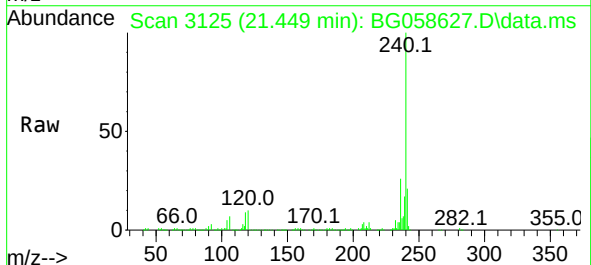


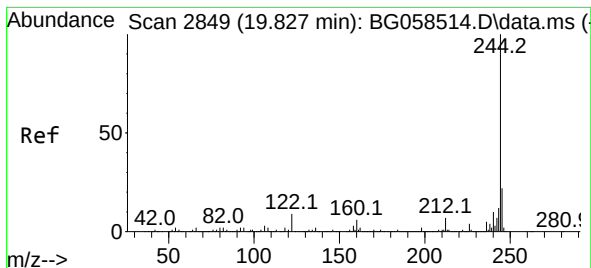
Tgt Ion:188 Resp: 349604
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 10.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

Tgt Ion:240 Resp: 322631
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 26.1 22.2 33.4





#79

Terphenyl-d14

Concen: 81.140 ng

RT: 19.827 min Scan# 2

Delta R.T. 0.001 min

Lab File: BG058627.D

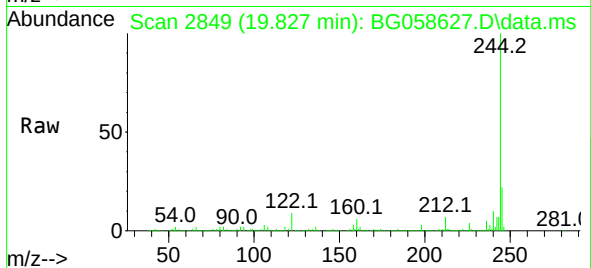
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Instrument :

BNA_G

ClientSampleId :

MW-19-20230727



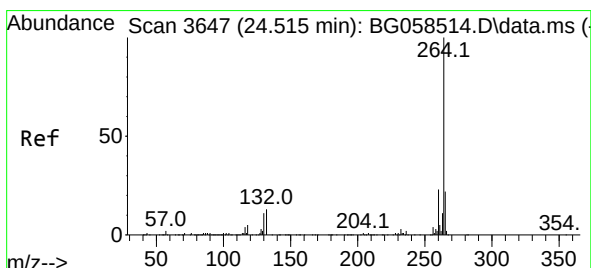
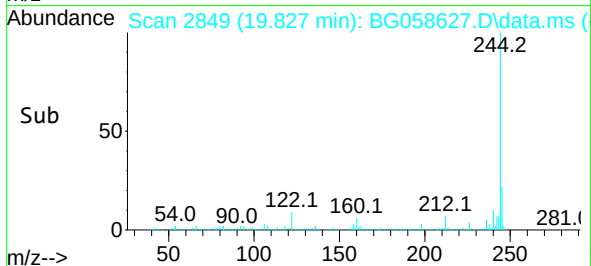
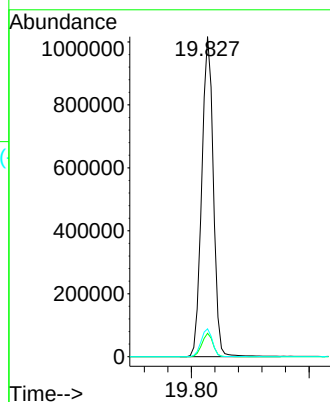
Tgt Ion:244 Resp: 1392067

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 8.7 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: BG058627.D

Acq: 7 Aug 2023 14:57

Tgt Ion:264 Resp: 398383

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 22.1 17.9 26.9

