

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058687.D
 Acq On : 10 Aug 2023 20:30
 Operator : MA/JU
 Sample : 03954-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-18

Quant Time: Aug 11 01:57:50 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	38752	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	159797	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	113156	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	302791	20.000	ng	0.00
76) Chrysene-d12	21.449	240	277116	20.000	ng	0.00
86) Perylene-d12	24.522	264	304718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	364990	143.959	ng	0.00
7) Phenol-d6	6.984	99	466976	132.366	ng	0.00
23) Nitrobenzene-d5	8.976	82	330250	101.526	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	265913	143.372	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	734030	97.212	ng	0.00
79) Terphenyl-d14	19.828	244	1564963	106.199	ng	0.00

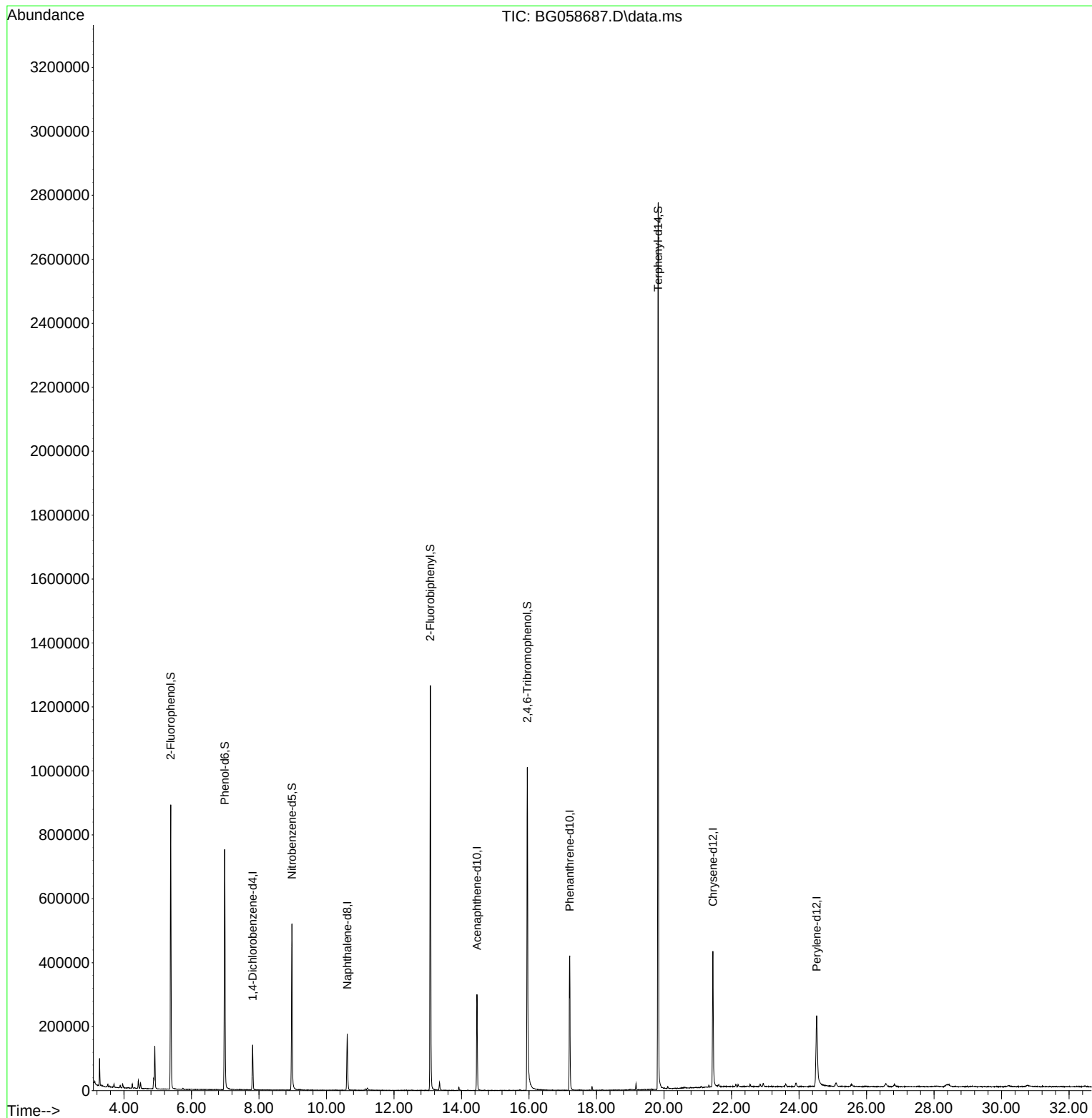
Target Compounds	Qvalue

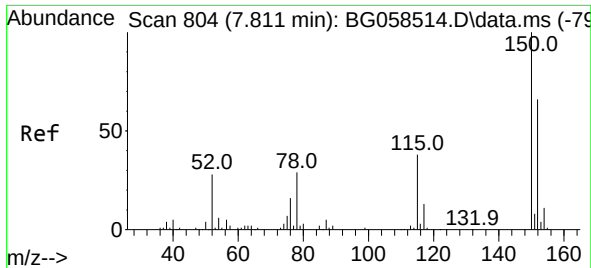
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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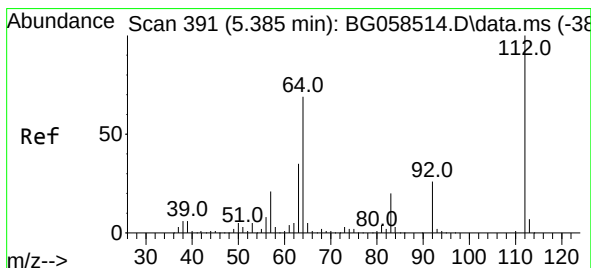
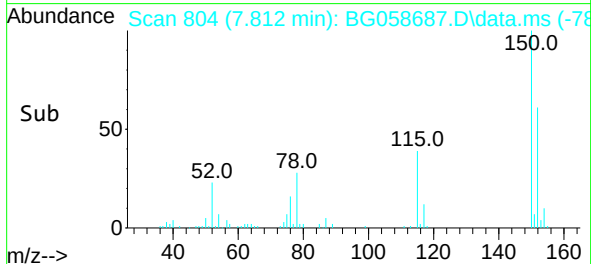
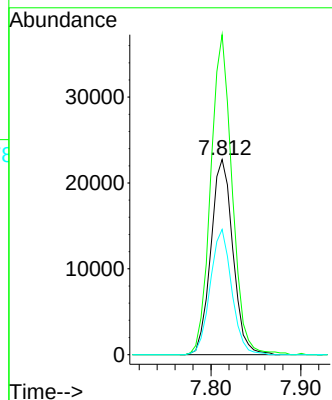
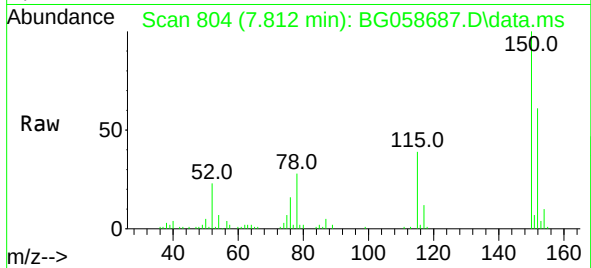




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

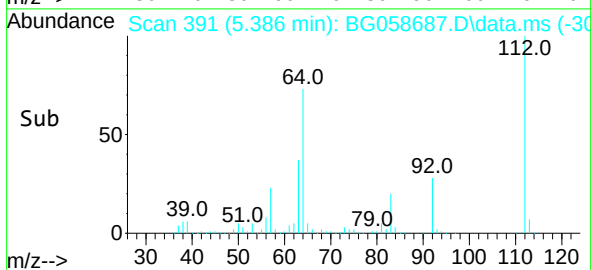
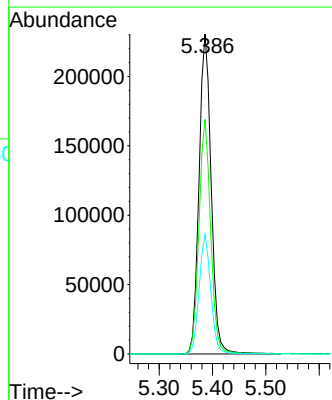
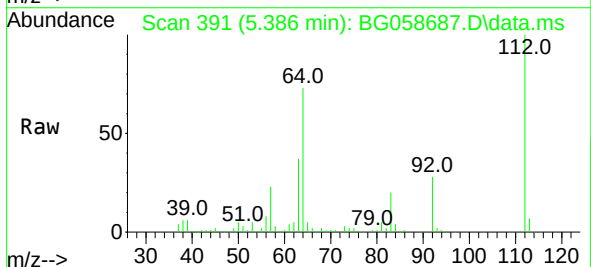
Instrument :
BNA_G
ClientSampleId :
WC-18

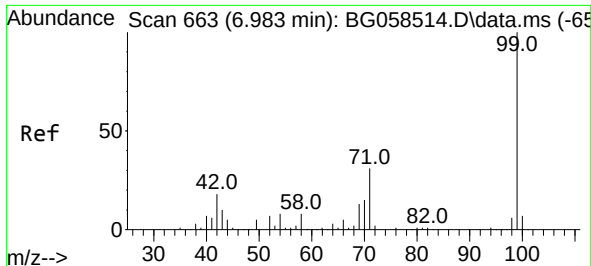
Tgt Ion:152 Resp: 38752
Ion Ratio Lower Upper
152 100
150 163.9 120.5 180.7
115 64.2 45.9 68.9



#5
2-Fluorophenol
Concen: 143.959 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

Tgt Ion:112 Resp: 364990
Ion Ratio Lower Upper
112 100
64 73.3 55.3 82.9
63 37.4 28.3 42.5

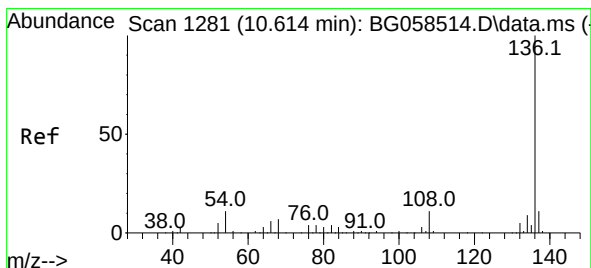
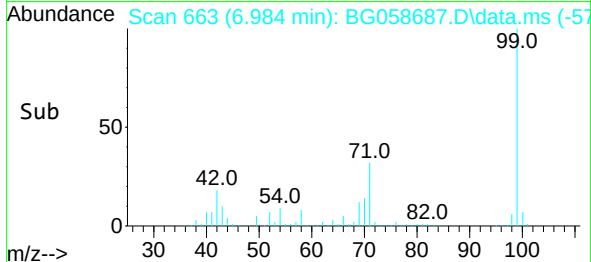
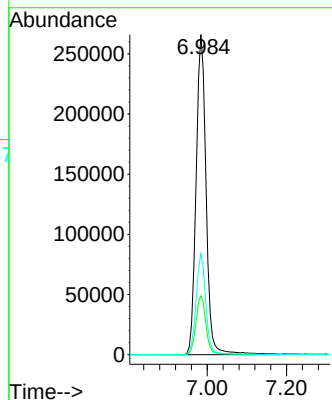
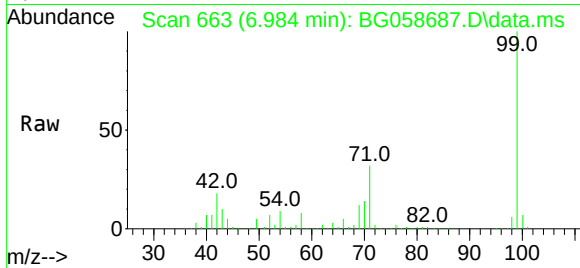




#7
Phenol-d6
Concen: 132.366 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

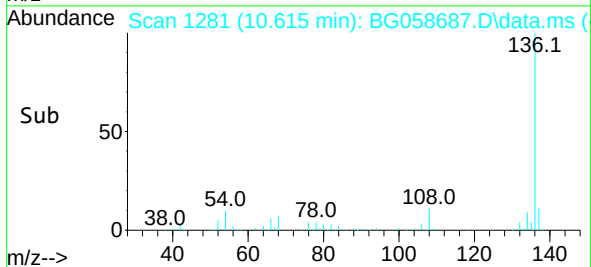
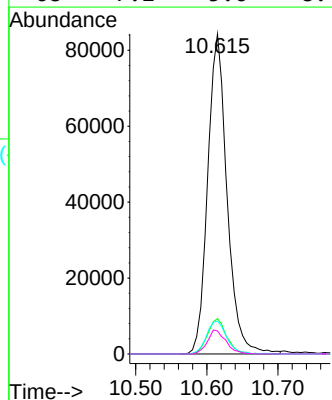
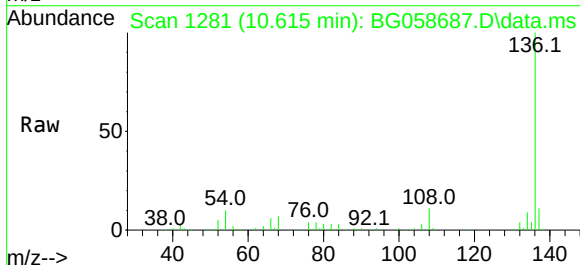
Instrument :
BNA_G
ClientSampleId :
WC-18

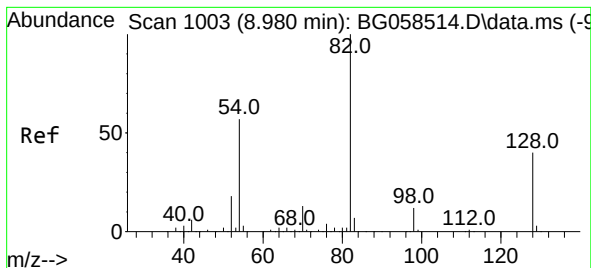
Tgt Ion: 99 Resp: 466976
Ion Ratio Lower Upper
99 100
42 18.4 14.6 21.8
71 31.6 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

Tgt Ion: 136 Resp: 159797
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.3 8.9 13.3
68 7.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 101.526 ng

RT: 8.976 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058687.D

Acq: 10 Aug 2023 20:30

Instrument :

BNA_G

ClientSampleId :

WC-18

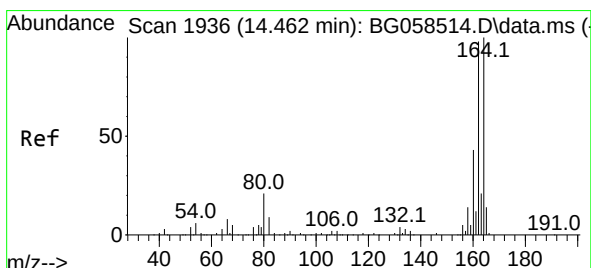
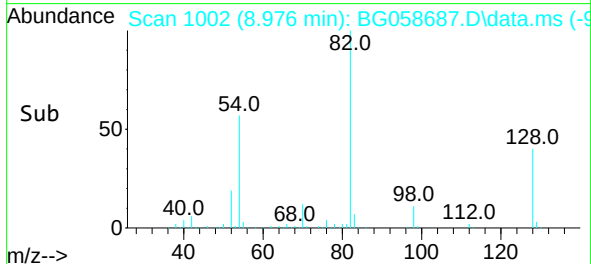
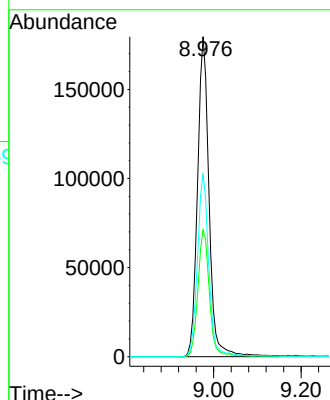
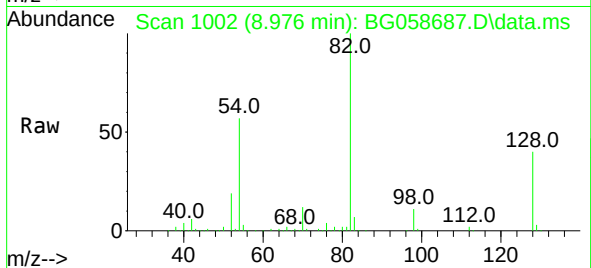
Tgt Ion: 82 Resp: 330250

Ion Ratio Lower Upper

82 100

128 39.6 32.2 48.2

54 57.0 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BG058687.D

Acq: 10 Aug 2023 20:30

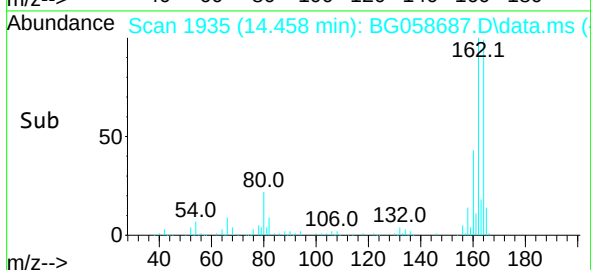
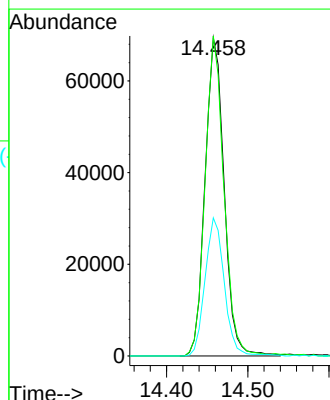
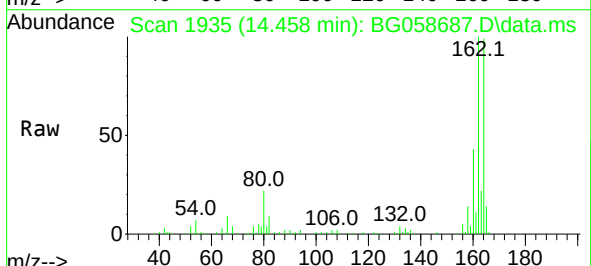
Tgt Ion:164 Resp: 113156

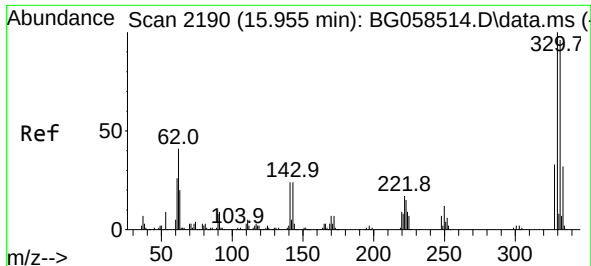
Ion Ratio Lower Upper

164 100

162 100.6 78.3 117.5

160 43.4 34.1 51.1

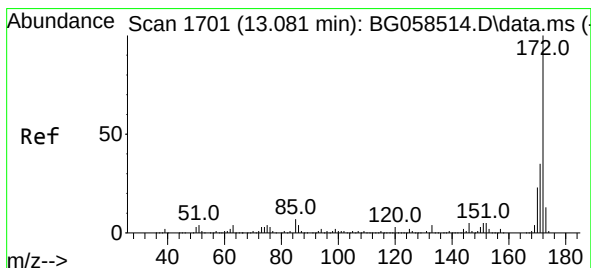
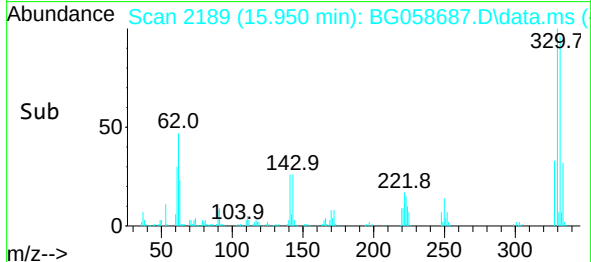
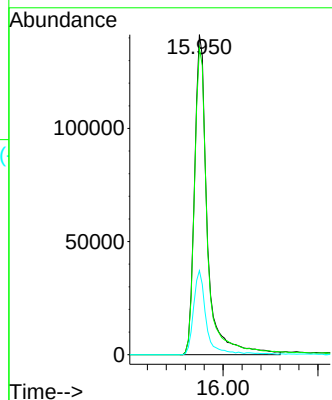
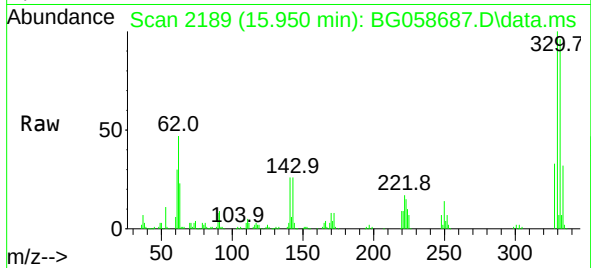




#42
2,4,6-Tribromophenol
Concen: 143.372 ng
RT: 15.950 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

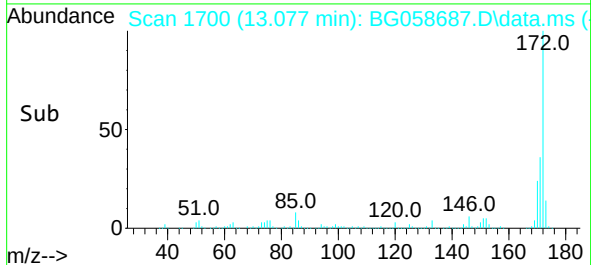
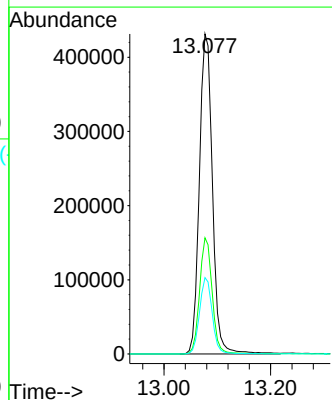
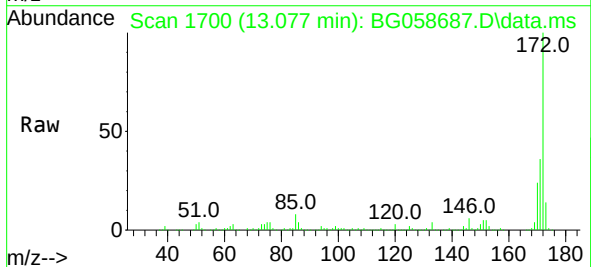
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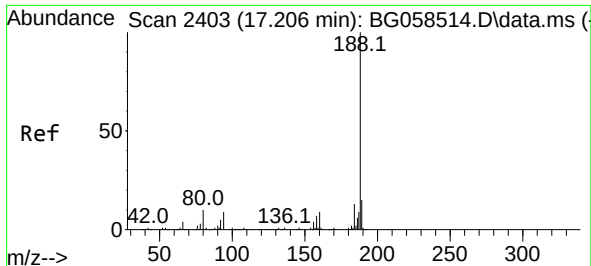
Tgt Ion:330 Resp: 265913
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 25.5 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 97.212 ng
RT: 13.077 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

Tgt Ion:172 Resp: 734030
Ion Ratio Lower Upper
172 100
171 36.3 28.0 42.0
170 23.8 18.4 27.6

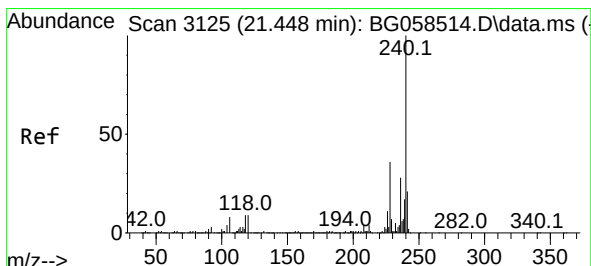
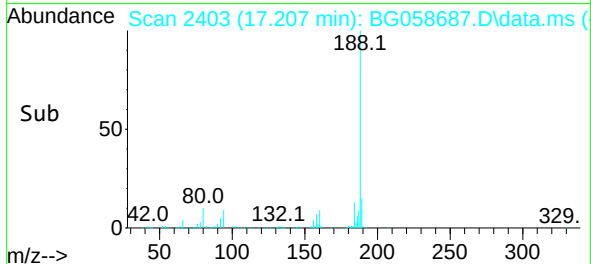
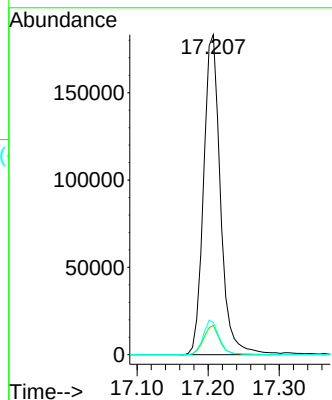
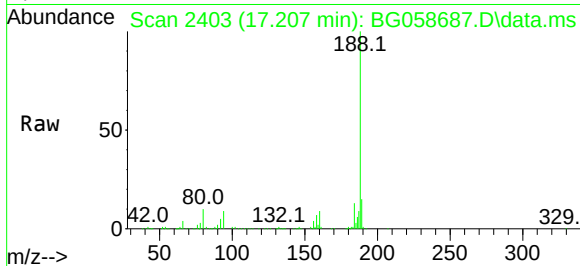




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

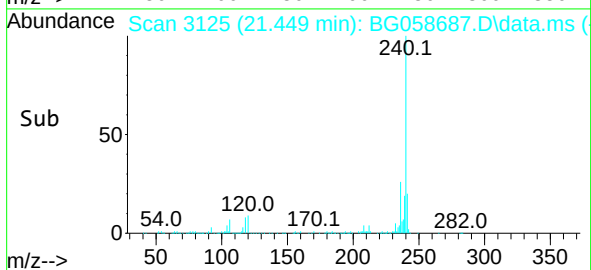
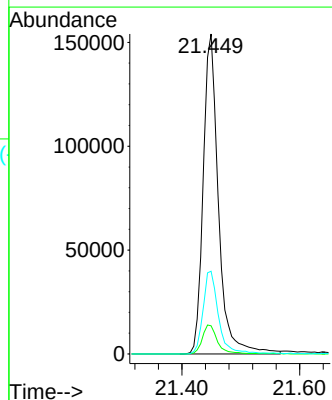
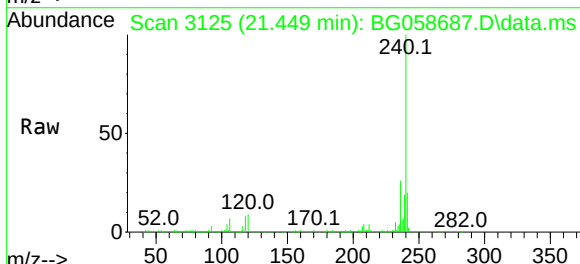
Instrument :
BNA_G
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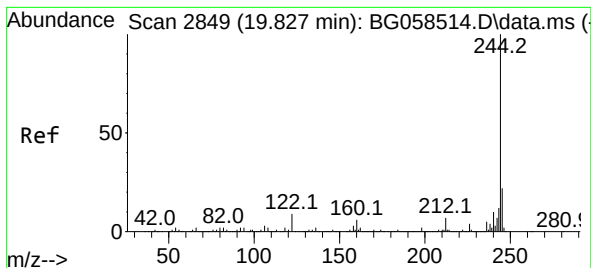
Tgt Ion:188 Resp: 302791
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

Tgt Ion:240 Resp: 277116
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 25.9 22.2 33.4





#79

Terphenyl-d14

Concen: 106.199 ng

RT: 19.828 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058687.D

Acq: 10 Aug 2023 20:30

Instrument :

BNA_G

ClientSampleId :

WC-18

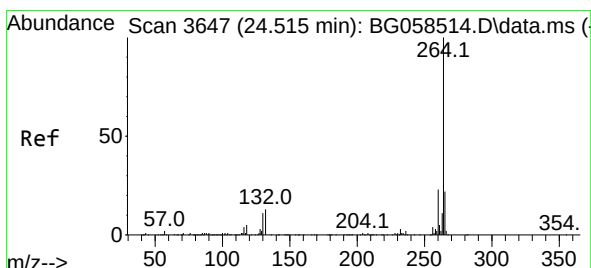
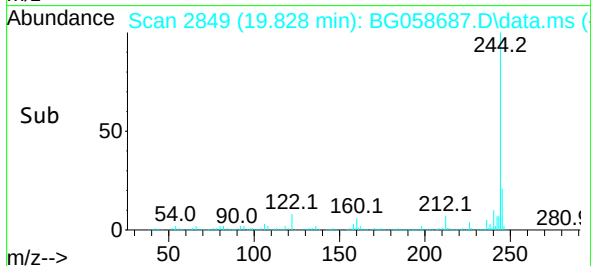
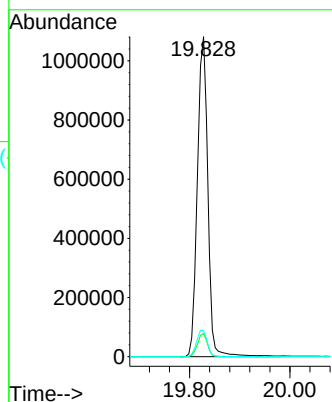
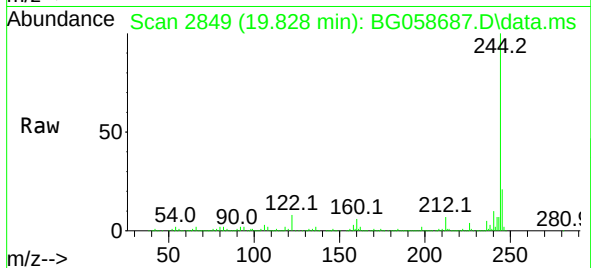
Tgt Ion:244 Resp: 1564963

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 8.2 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: BG058687.D

Acq: 10 Aug 2023 20:30

Tgt Ion:264 Resp: 304718

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.4 17.9 26.9

