

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058660.D
 Acq On : 9 Aug 2023 15:54
 Operator : MA/JU
 Sample : 03917-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB03

Quant Time: Aug 09 17:02:22 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	46312	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	194312	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	141396	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	346756	20.000	ng	0.00
76) Chrysene-d12	21.448	240	315156	20.000	ng	0.00
86) Perylene-d12	24.521	264	368662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	145331	47.964	ng	0.00
7) Phenol-d6	6.983	99	114526	27.163	ng	0.00
23) Nitrobenzene-d5	8.975	82	319847	80.863	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	234848	101.333	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	757110	80.243	ng	0.00
79) Terphenyl-d14	19.827	244	1439920	85.920	ng	0.00

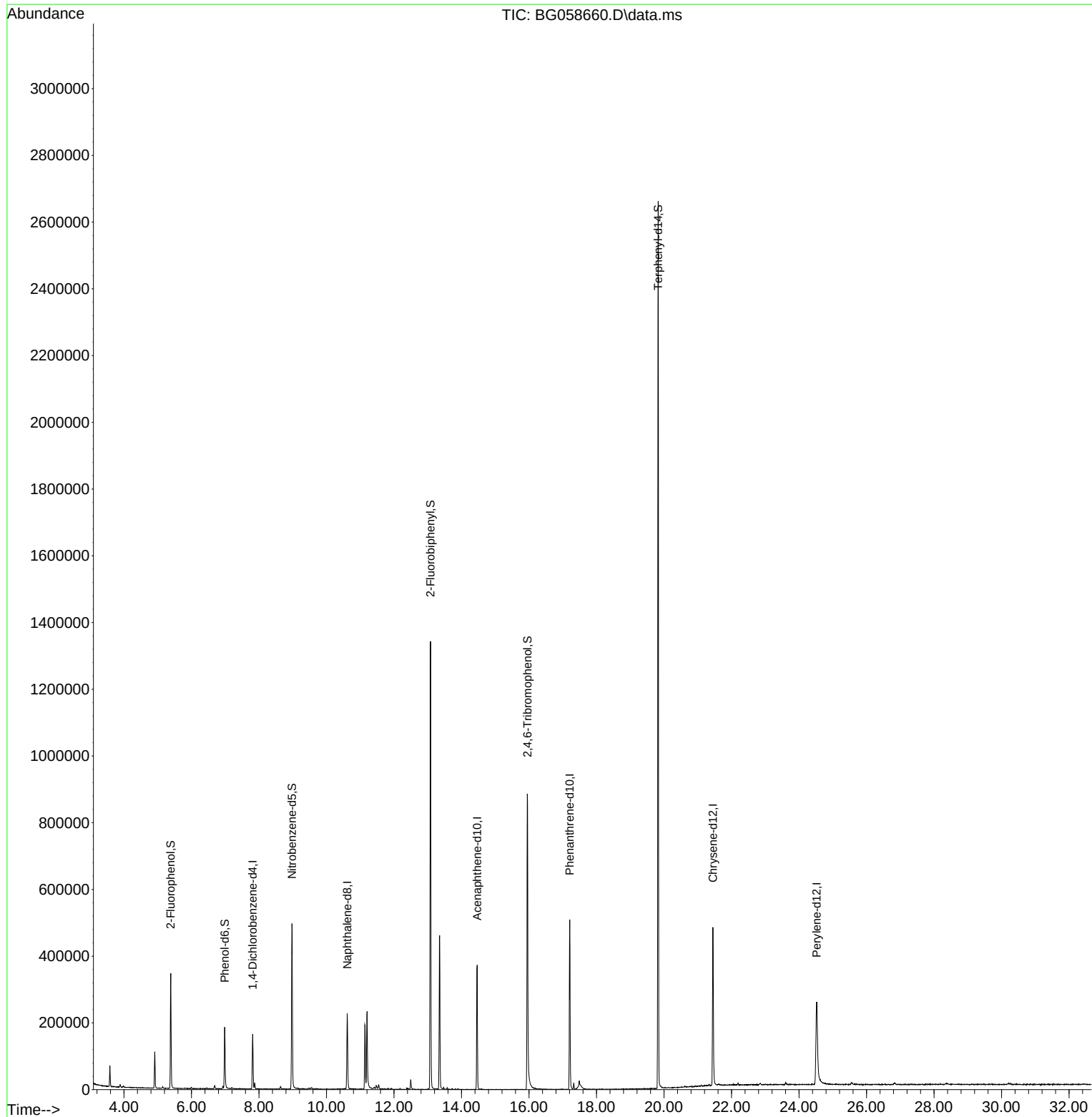
Target Compounds	Qvalue

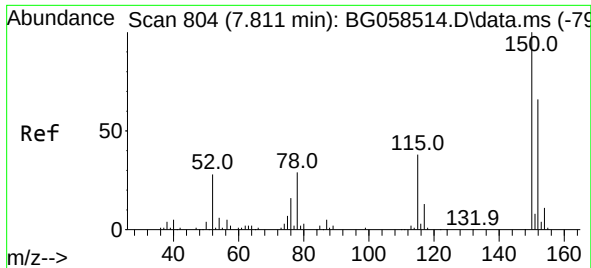
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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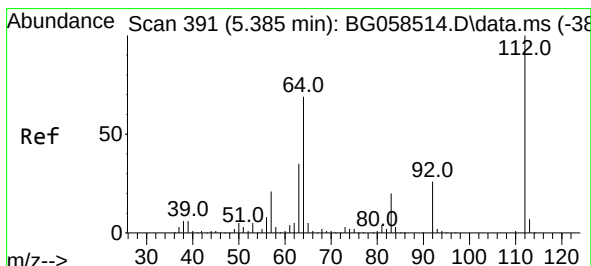
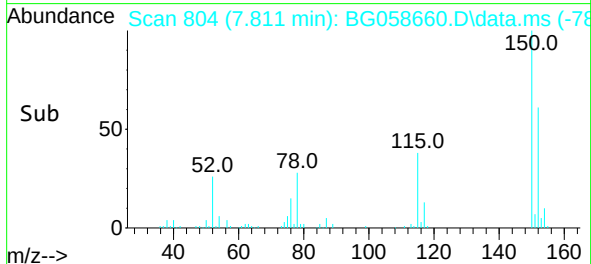
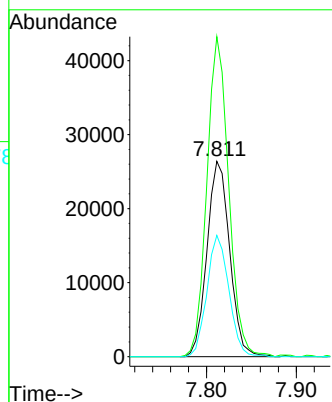
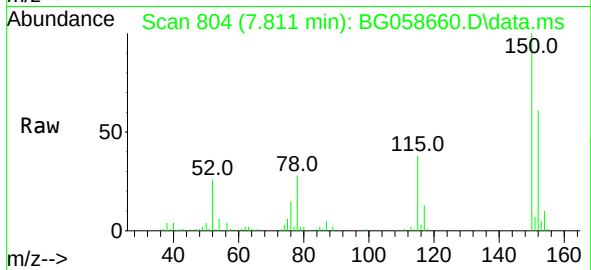




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058660.D
Acq: 9 Aug 2023 15:54

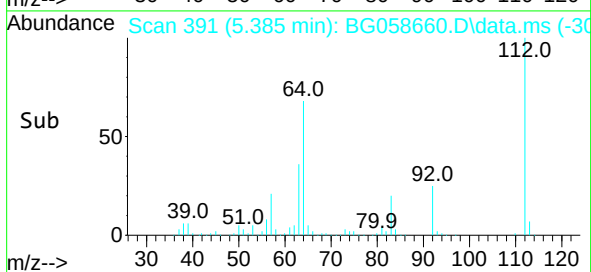
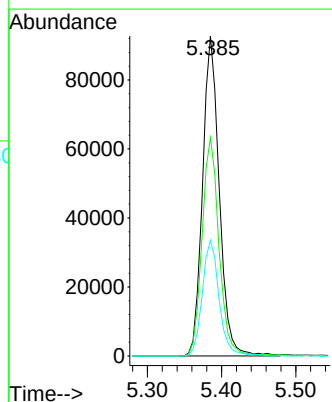
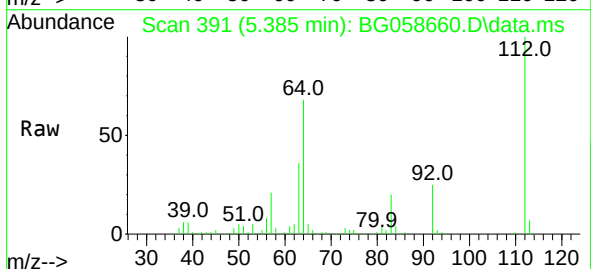
Instrument :
BNA_G
ClientSampleId :
FB03

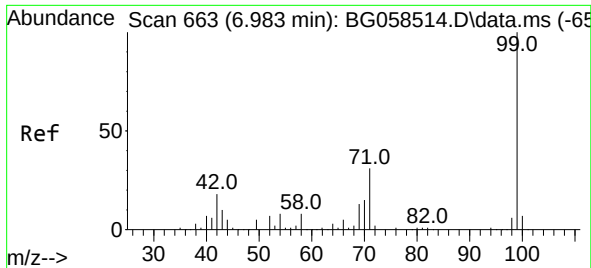
Tgt Ion:152 Resp: 46312
Ion Ratio Lower Upper
152 100
150 163.8 120.5 180.7
115 62.0 45.9 68.9



#5
2-Fluorophenol
Concen: 47.964 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058660.D
Acq: 9 Aug 2023 15:54

Tgt Ion:112 Resp: 145331
Ion Ratio Lower Upper
112 100
64 68.3 55.3 82.9
63 36.2 28.3 42.5

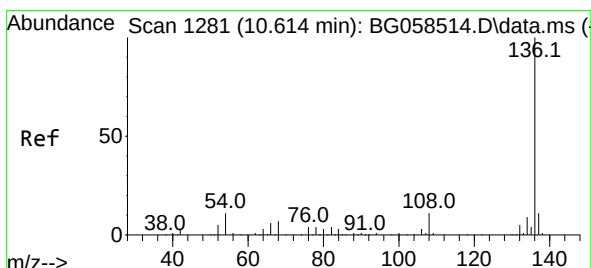
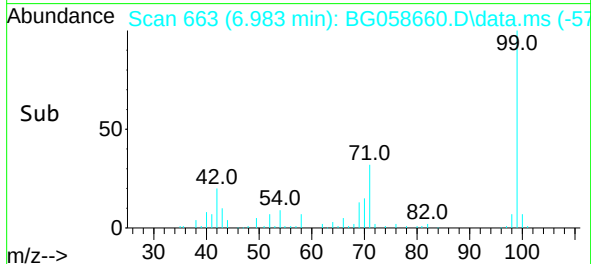
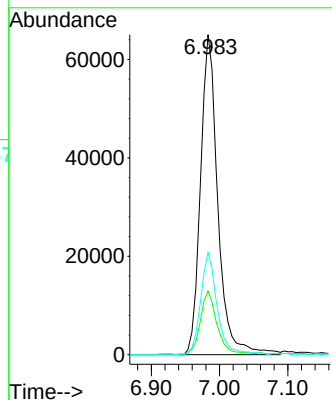
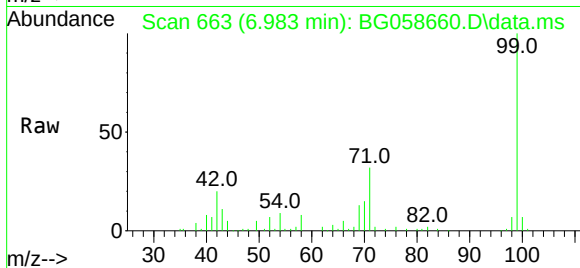




#7
Phenol-d6
Concen: 27.163 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058660.D
Acq: 9 Aug 2023 15:54

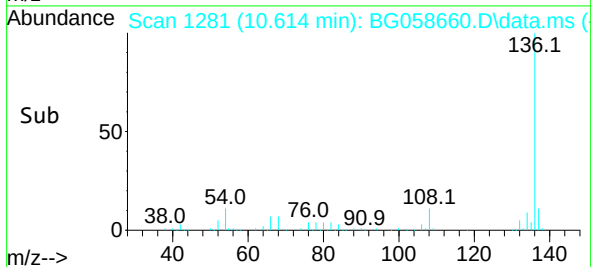
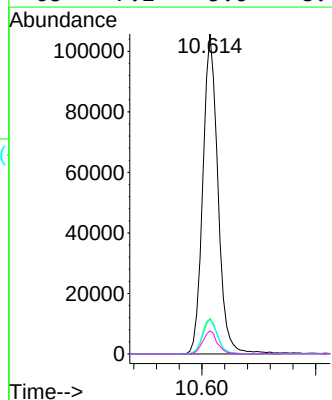
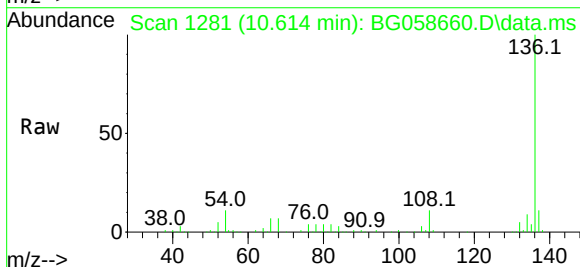
Instrument :
BNA_G
ClientSampleId :
FB03

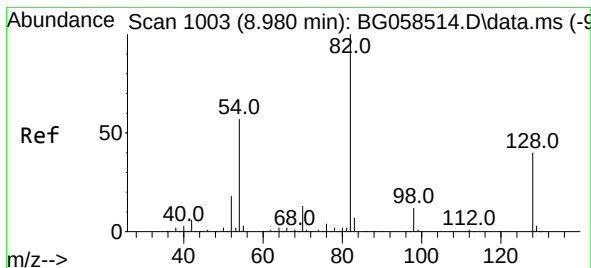
Tgt Ion: 99 Resp: 114526
Ion Ratio Lower Upper
99 100
42 19.9 14.6 21.8
71 32.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058660.D
Acq: 9 Aug 2023 15:54

Tgt Ion: 136 Resp: 194312
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.6 8.9 13.3
68 7.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 80.863 ng

RT: 8.975 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BG058660.D

Acq: 9 Aug 2023 15:54

Instrument :

BNA_G

ClientSampleId :

FB03

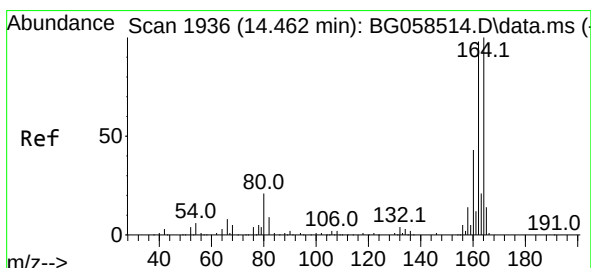
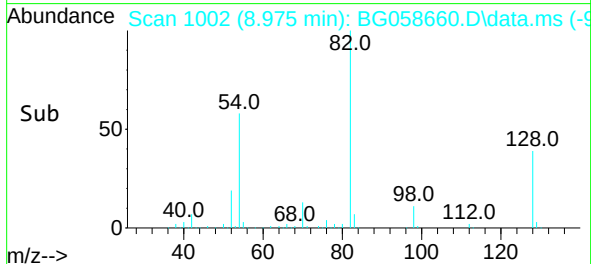
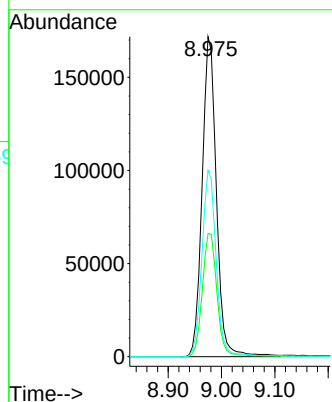
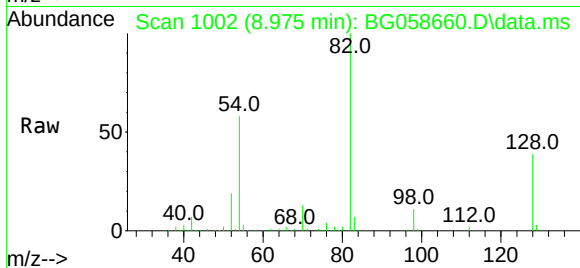
Tgt Ion: 82 Resp: 319847

Ion Ratio Lower Upper

82 100

128 38.5 32.2 48.2

54 58.2 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058660.D

Acq: 9 Aug 2023 15:54

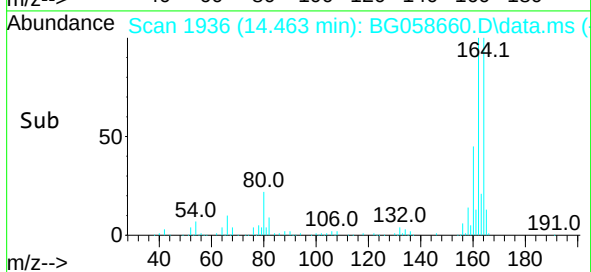
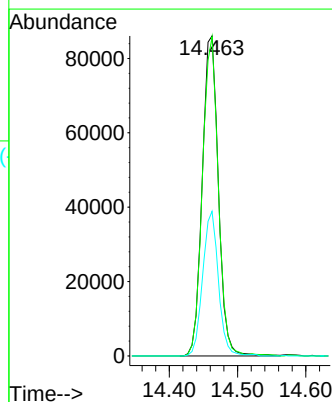
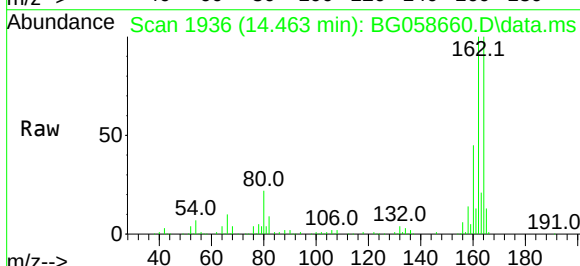
Tgt Ion:164 Resp: 141396

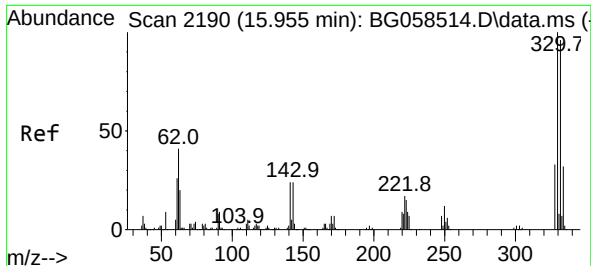
Ion Ratio Lower Upper

164 100

162 99.7 78.3 117.5

160 45.2 34.1 51.1

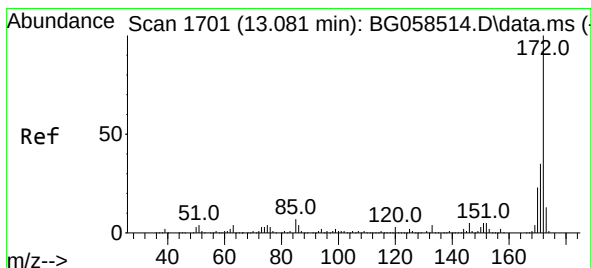
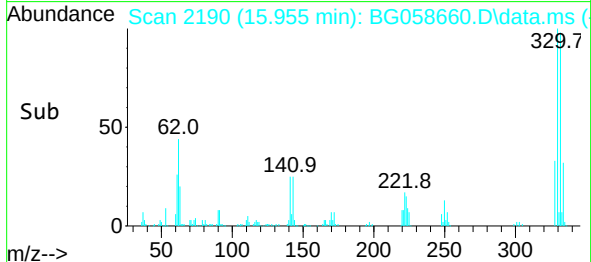
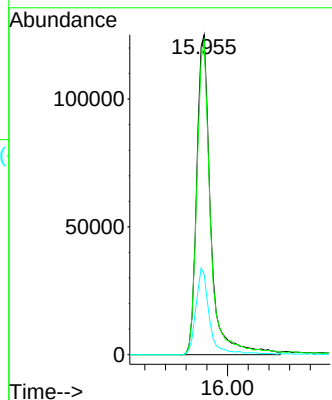
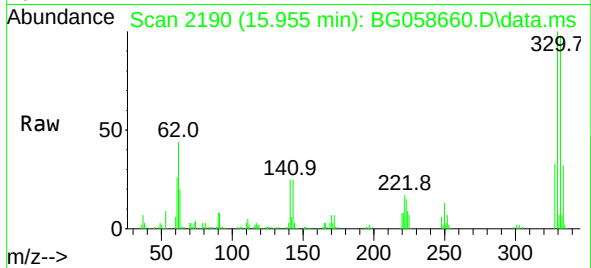




#42
2,4,6-Tribromophenol
Concen: 101.333 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058660.D
Acq: 9 Aug 2023 15:54

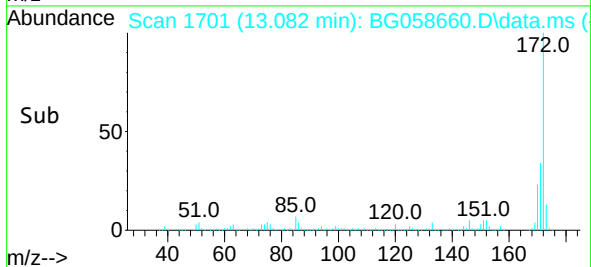
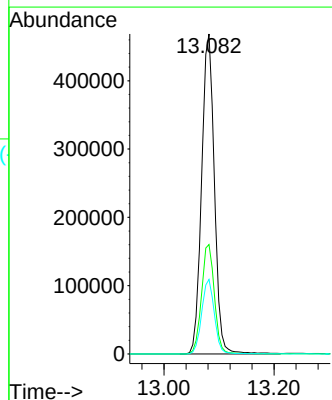
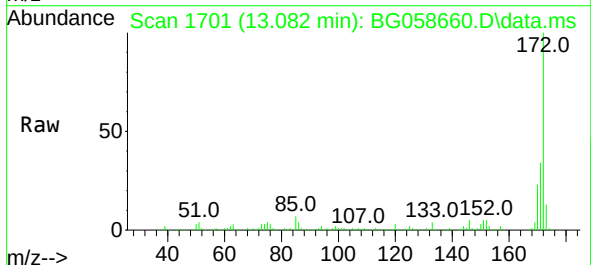
Instrument :
BNA_G
ClientSampleId :
FB03

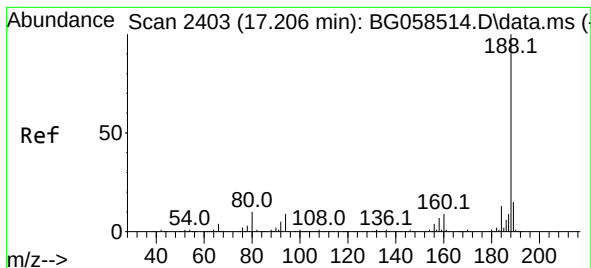
Tgt Ion:330 Resp: 234848
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 25.9 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 80.243 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058660.D
Acq: 9 Aug 2023 15:54

Tgt Ion:172 Resp: 757110
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 23.3 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: BG058660.D

Acq: 9 Aug 2023 15:54

Instrument :

BNA_G

ClientSampleId :

FB03

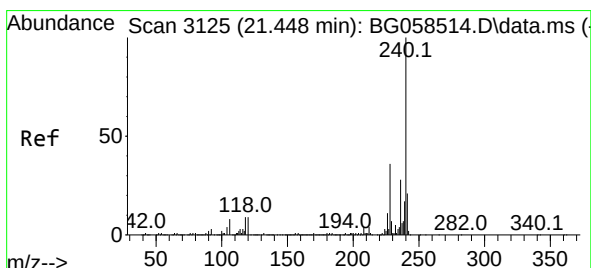
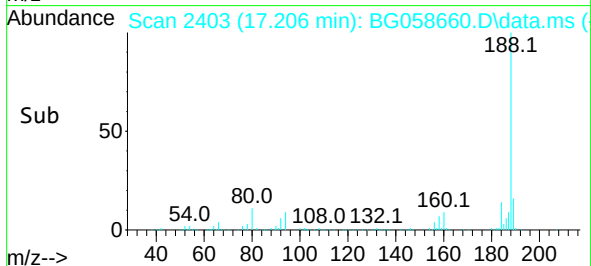
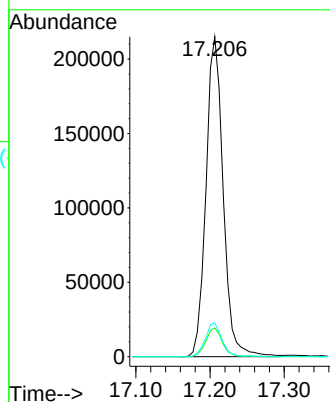
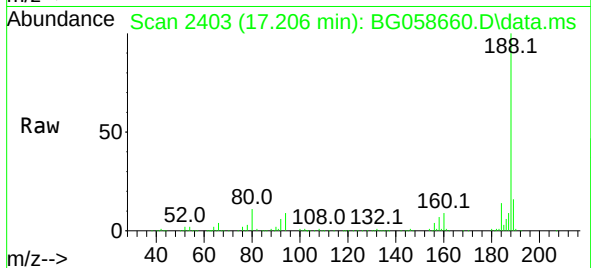
Tgt Ion:188 Resp: 346756

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 10.6 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: BG058660.D

Acq: 9 Aug 2023 15:54

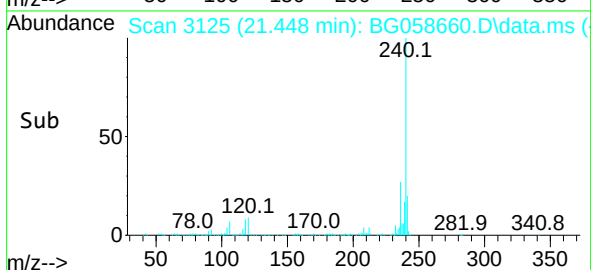
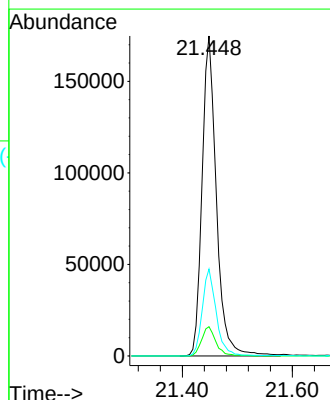
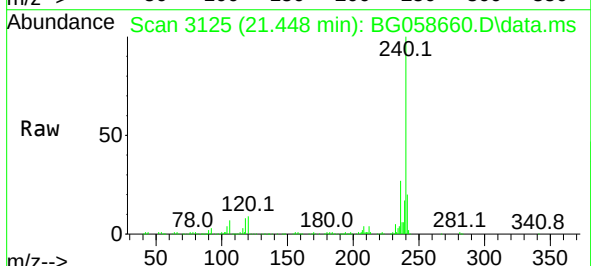
Tgt Ion:240 Resp: 315156

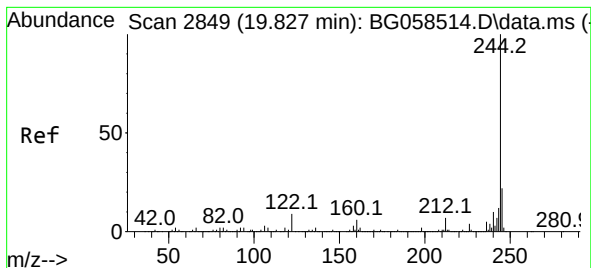
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

236 27.1 22.2 33.4





#79

Terphenyl-d14

Concen: 85.920 ng

RT: 19.827 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058660.D

Acq: 9 Aug 2023 15:54

Instrument :

BNA_G

ClientSampleId :

FB03

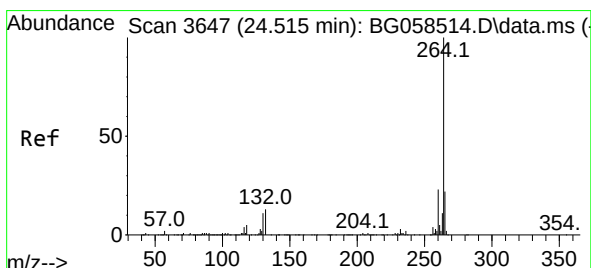
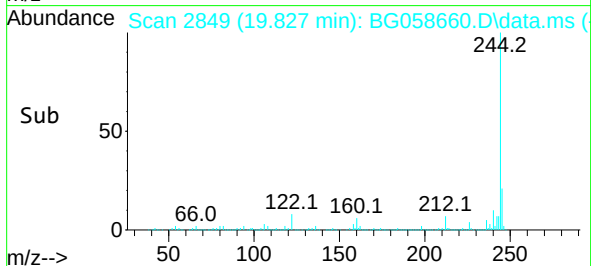
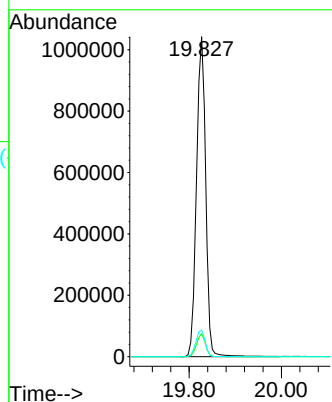
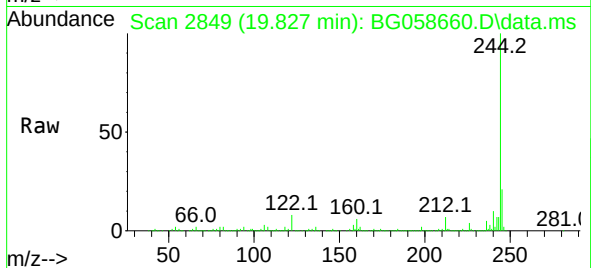
Tgt Ion:244 Resp: 1439920

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 8.3 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: BG058660.D

Acq: 9 Aug 2023 15:54

Tgt Ion:264 Resp: 368662

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 22.0 17.9 26.9

