

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058766.D
 Acq On : 17 Aug 2023 17:21
 Operator : MA/JU
 Sample : 04022-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-24

Quant Time: Aug 18 01:53:13 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	21585	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	88195	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	66178	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	174596	20.000	ng	0.00
76) Chrysene-d12	21.449	240	159155	20.000	ng	0.00
86) Perylene-d12	24.528	264	180710	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	193238	136.834	ng	0.00
7) Phenol-d6	6.984	99	239382	121.819	ng	0.00
23) Nitrobenzene-d5	8.976	82	172823	96.264	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	122783	113.195	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	408596	92.526	ng	0.00
79) Terphenyl-d14	19.822	244	871054	102.921	ng	0.00

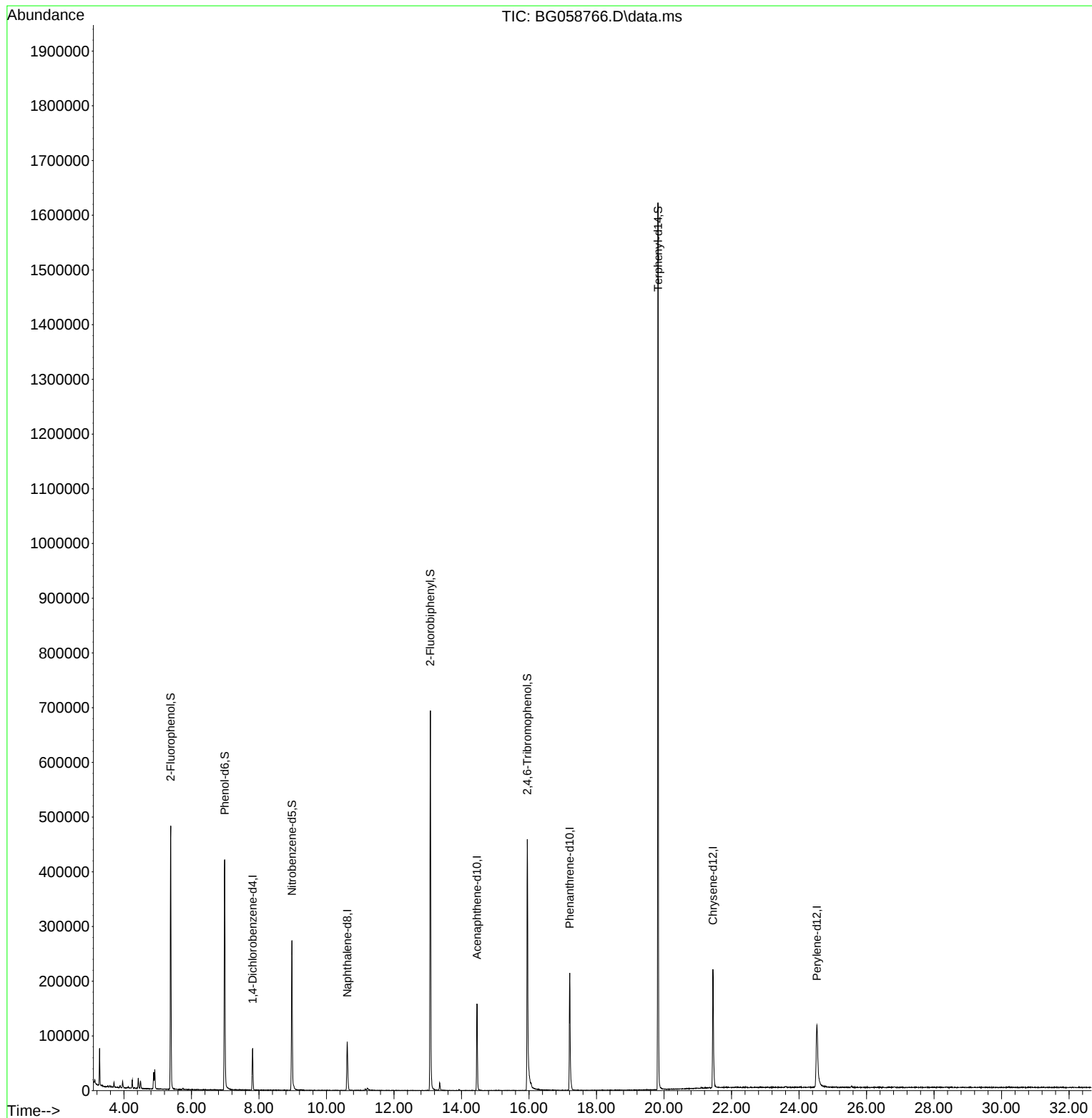
Target Compounds	Qvalue

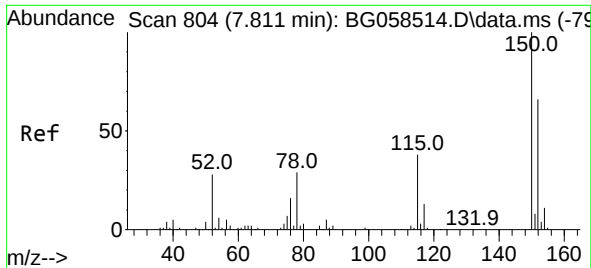
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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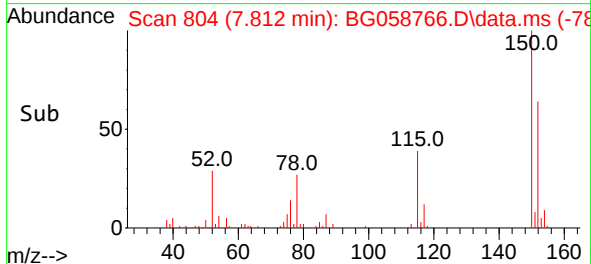
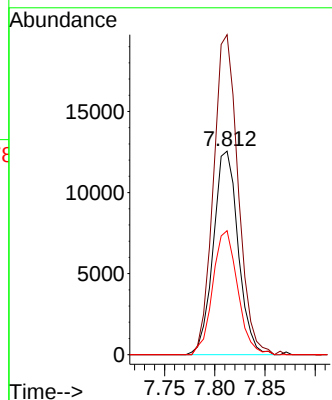
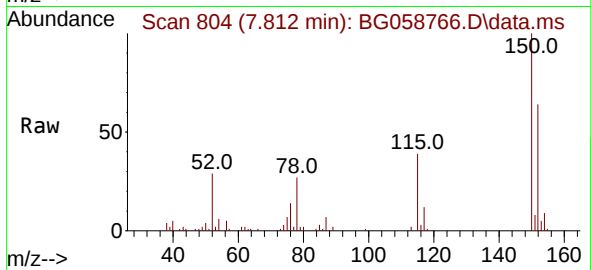




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.812 min Scan# 804
 Delta R.T. 0.001 min
 Lab File: BG058766.D
 Acq: 17 Aug 2023 17:21

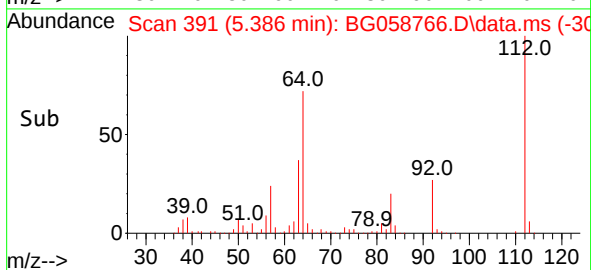
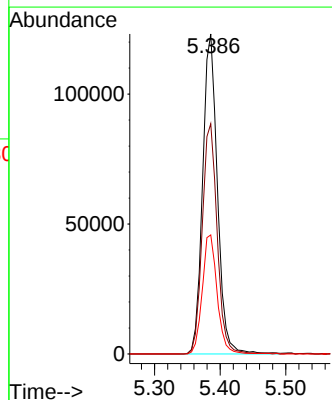
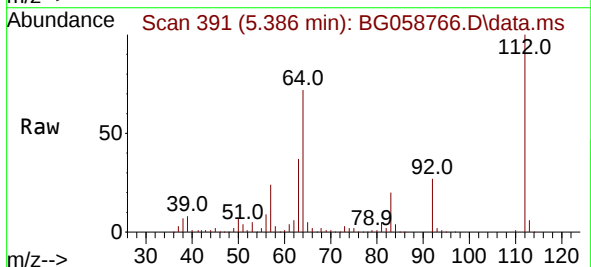
Instrument :
 BNA_G
 ClientSampleId :
 TP-24

Tgt Ion:152 Resp: 21585
 Ion Ratio Lower Upper
 152 100
 150 157.3 120.5 180.7
 115 61.0 45.9 68.9



#5
 2-Fluorophenol
 Concen: 136.834 ng
 RT: 5.386 min Scan# 391
 Delta R.T. 0.001 min
 Lab File: BG058766.D
 Acq: 17 Aug 2023 17:21

Tgt Ion:112 Resp: 193238
 Ion Ratio Lower Upper
 112 100
 64 71.9 55.3 82.9
 63 37.2 28.3 42.5

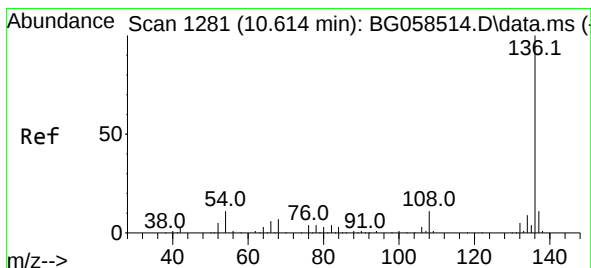
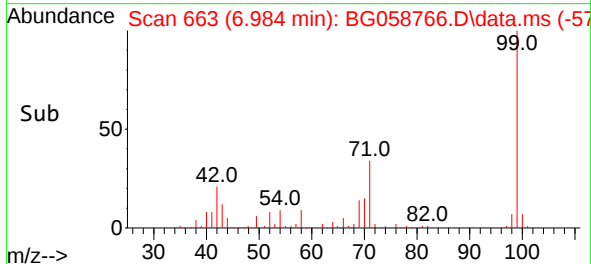
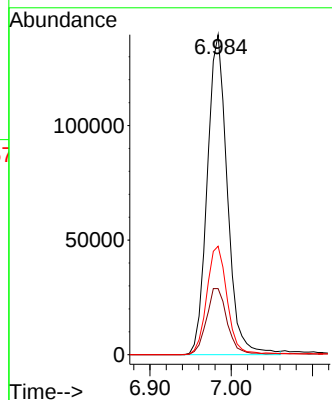
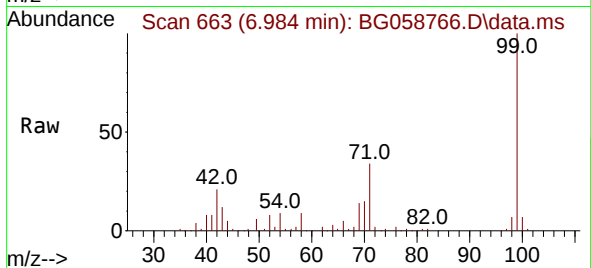




#7
Phenol-d6
Concen: 121.819 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058766.D
Acq: 17 Aug 2023 17:21

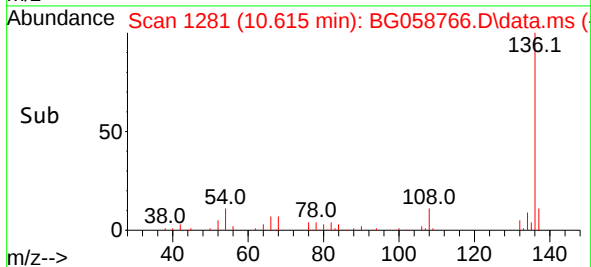
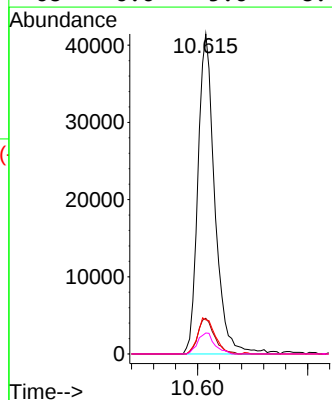
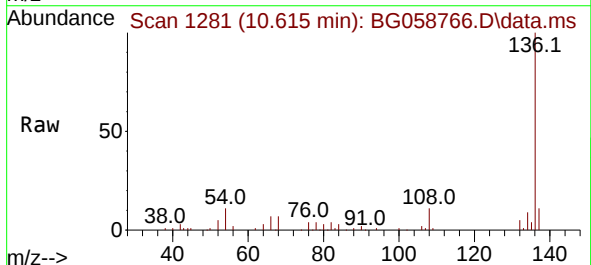
Instrument :
BNA_G
ClientSampleId :
TP-24

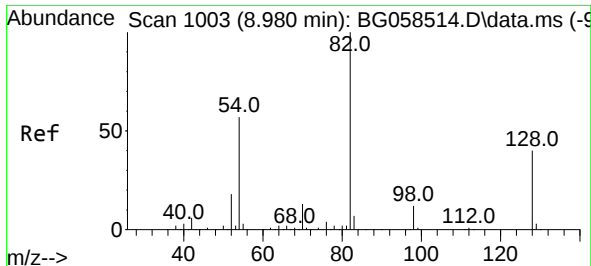
Tgt Ion: 99 Resp: 239382
Ion Ratio Lower Upper
99 100
42 20.7 14.6 21.8
71 33.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058766.D
Acq: 17 Aug 2023 17:21

Tgt Ion: 136 Resp: 88195
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.6 8.9 13.3
68 6.6 5.6 8.4





#23

Nitrobenzene-d5

Concen: 96.264 ng

RT: 8.976 min Scan# 10

Delta R.T. -0.005 min

Lab File: BG058766.D

Acq: 17 Aug 2023 17:21

Instrument :

BNA_G

ClientSampleId :

TP-24

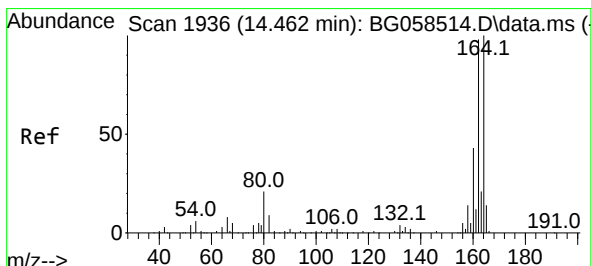
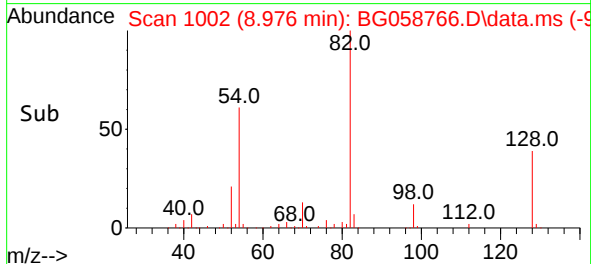
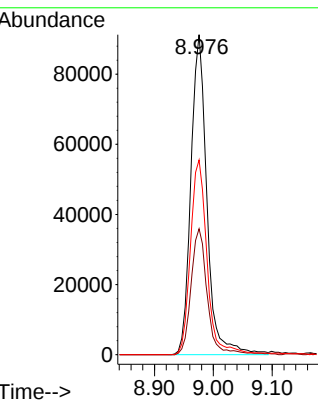
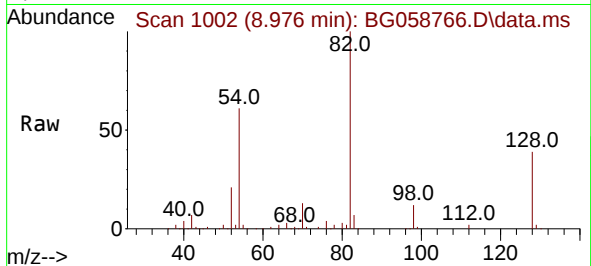
Tgt Ion: 82 Resp: 172823

Ion Ratio Lower Upper

82 100

128 39.4 32.2 48.2

54 60.8 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BG058766.D

Acq: 17 Aug 2023 17:21

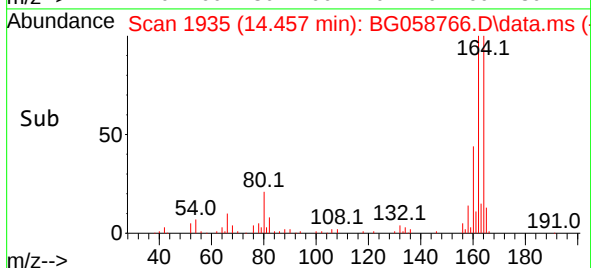
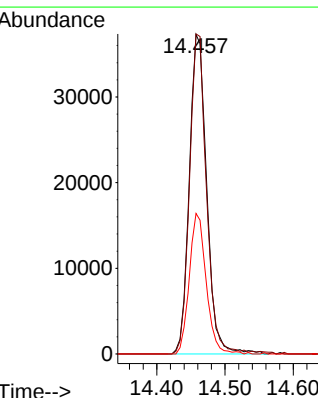
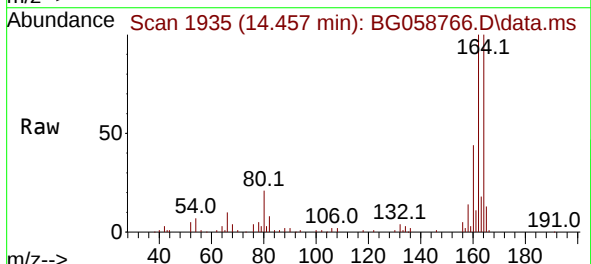
Tgt Ion:164 Resp: 66178

Ion Ratio Lower Upper

164 100

162 100.1 78.3 117.5

160 44.0 34.1 51.1



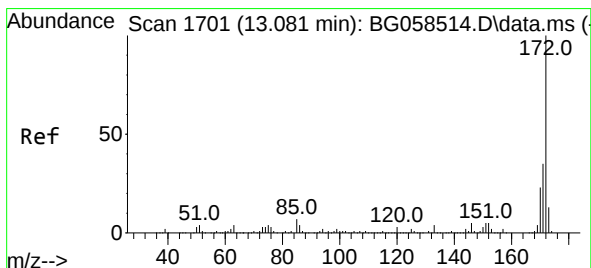
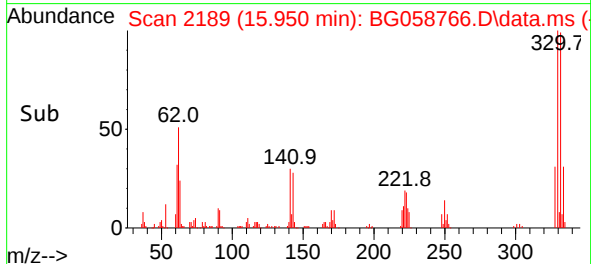
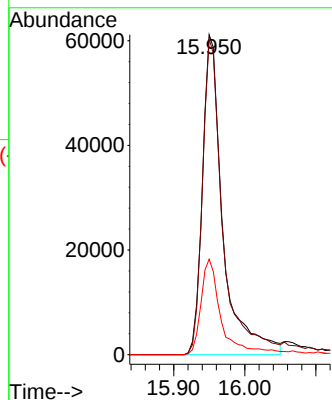
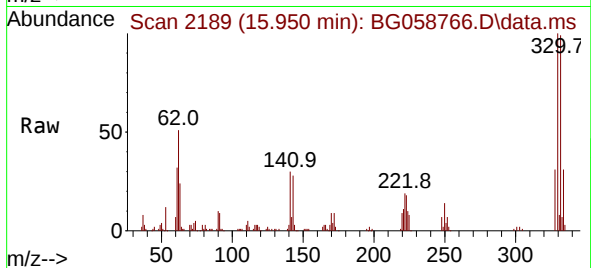


#42
 2,4,6-Tribromophenol
 Concen: 113.195 ng
 RT: 15.950 min Scan# 2190
 Delta R.T. -0.005 min
 Lab File: BG058766.D
 Acq: 17 Aug 2023 17:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-24

Tgt Ion:330 Resp: 122783

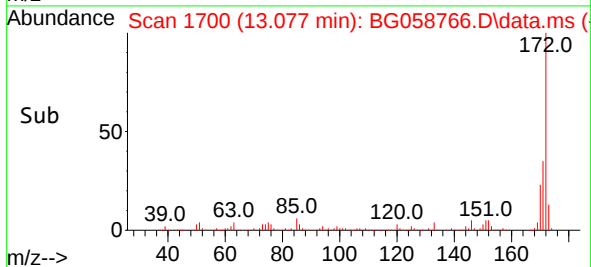
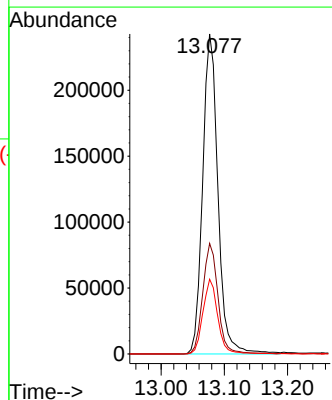
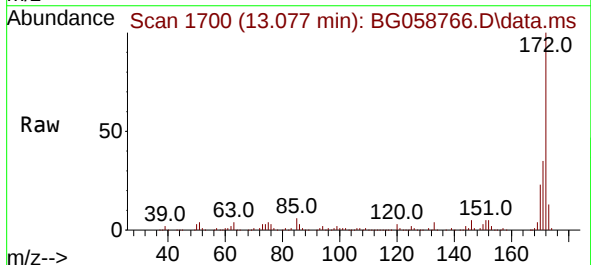
Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.5	116.3
141	29.8	20.7	31.1



#45
 2-Fluorobiphenyl
 Concen: 92.526 ng
 RT: 13.077 min Scan# 1700
 Delta R.T. -0.005 min
 Lab File: BG058766.D
 Acq: 17 Aug 2023 17:21

Tgt Ion:172 Resp: 408596

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	23.3	18.4	27.6

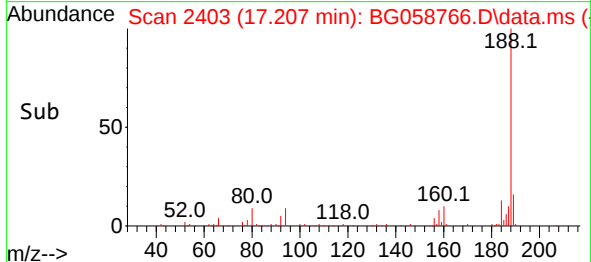
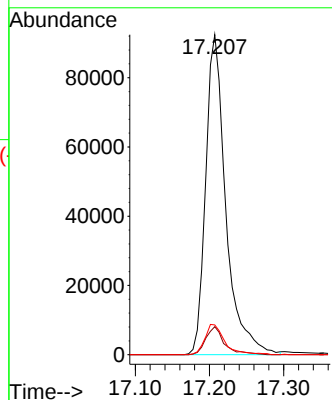
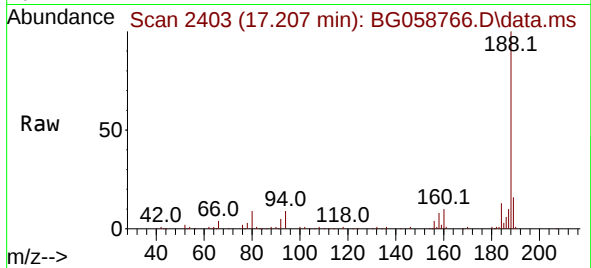




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058766.D
Acq: 17 Aug 2023 17:21

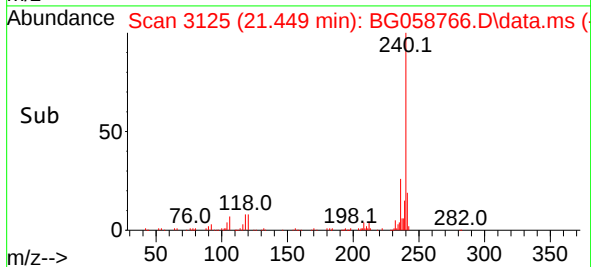
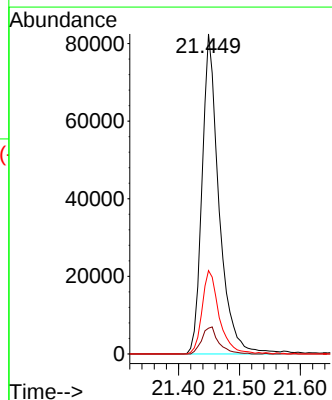
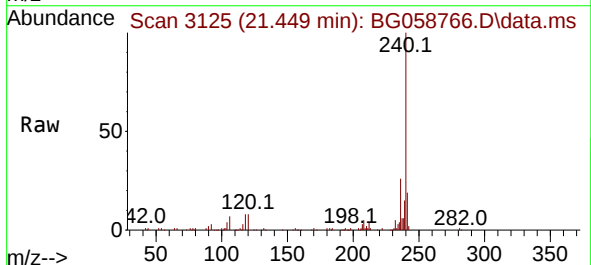
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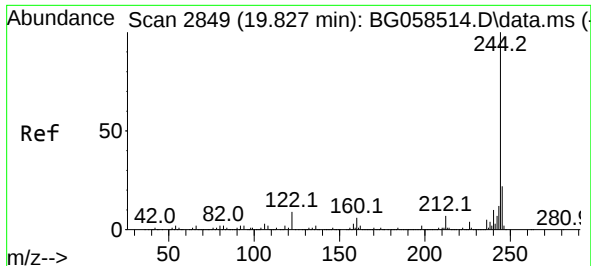
Tgt Ion:188 Resp: 174596
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058766.D
Acq: 17 Aug 2023 17:21

Tgt Ion:240 Resp: 159155
Ion Ratio Lower Upper
240 100
120 8.0 7.4 11.0
236 26.1 22.2 33.4

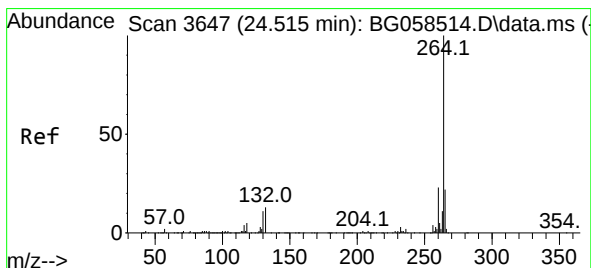
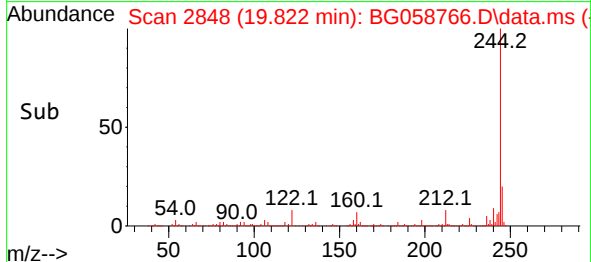
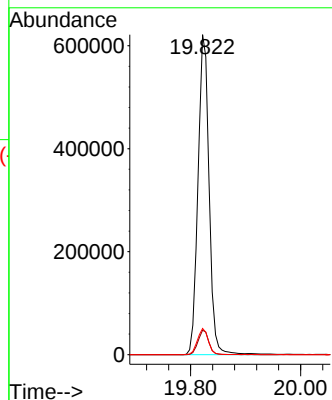
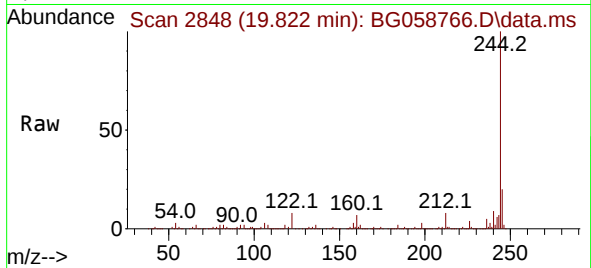




#79
 Terphenyl-d14
 Concen: 102.921 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058766.D
 Acq: 17 Aug 2023 17:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-24

Tgt Ion:244 Resp: 871054
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 8.2 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.528 min Scan# 3649
 Delta R.T. 0.013 min
 Lab File: BG058766.D
 Acq: 17 Aug 2023 17:21

Tgt Ion:264 Resp: 180710
 Ion Ratio Lower Upper
 264 100
 260 21.5 18.4 27.6
 265 21.4 17.9 26.9

