

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058793.D
 Acq On : 21 Aug 2023 14:28
 Operator : MA/JU
 Sample : 04086-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP09A

Quant Time: Aug 22 01:26:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	26210	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	111792	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	81513	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	209491	20.000	ng	0.00
76) Chrysene-d12	21.448	240	187172	20.000	ng	0.00
86) Perylene-d12	24.521	264	229418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	215330	132.210	ng	0.00
7) Phenol-d6	6.983	99	294442	128.854	ng	0.00
23) Nitrobenzene-d5	8.974	82	182436	78.459	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	159272	124.615	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	435783	77.758	ng	0.00
79) Terphenyl-d14	19.821	244	836964	80.292	ng	0.00

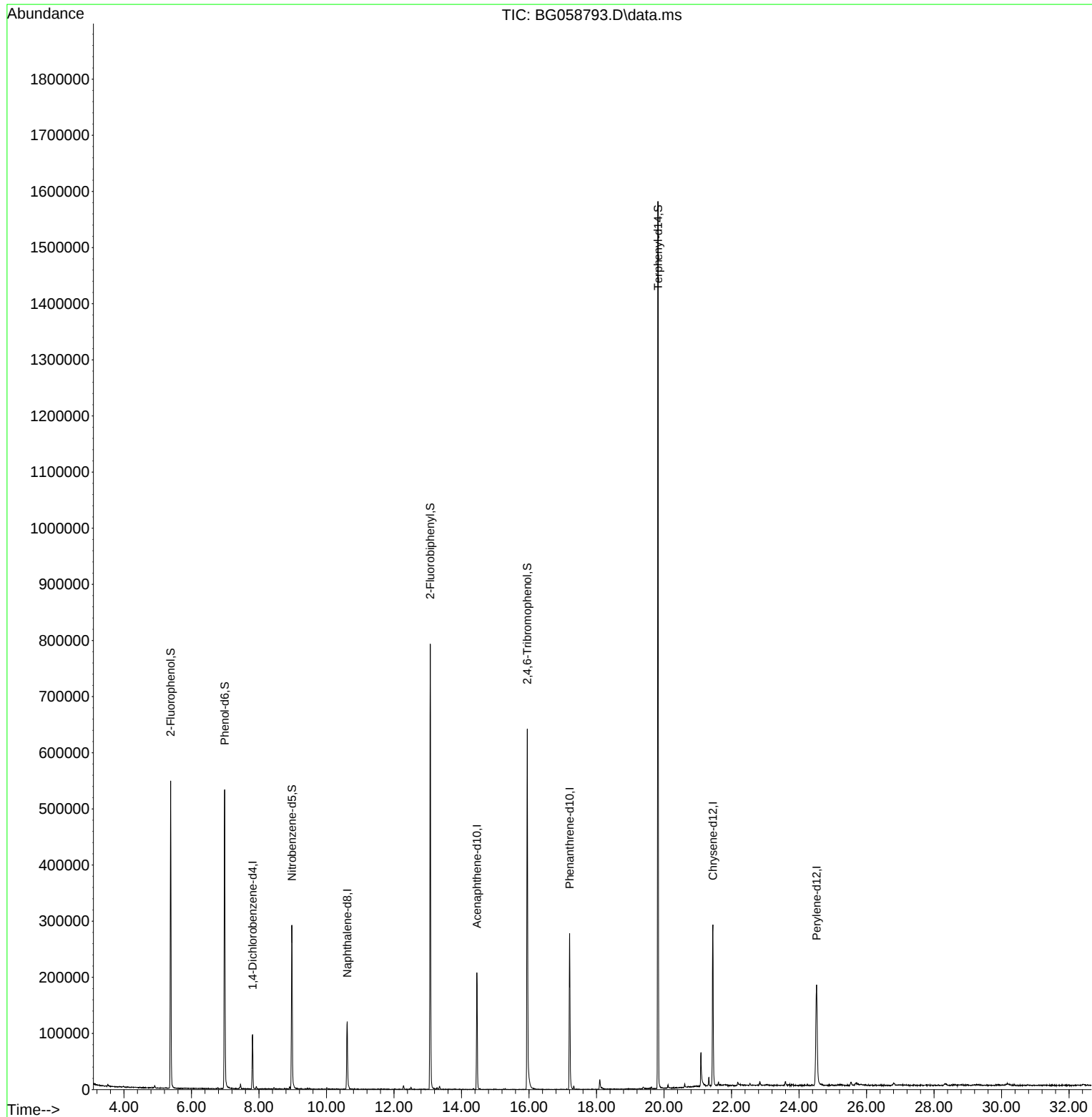
Target Compounds	Qvalue

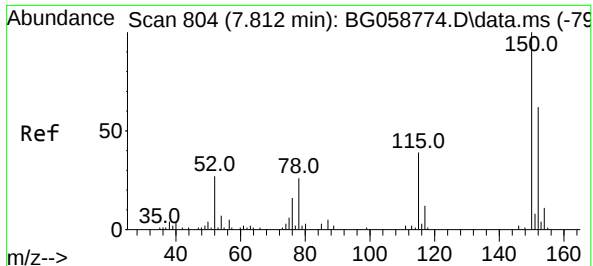
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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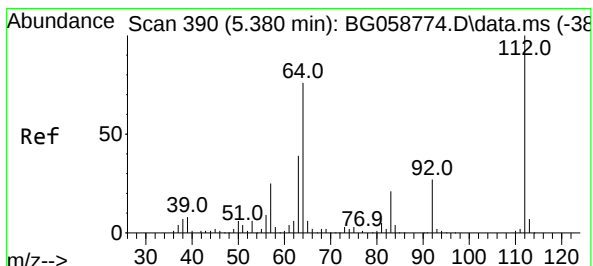
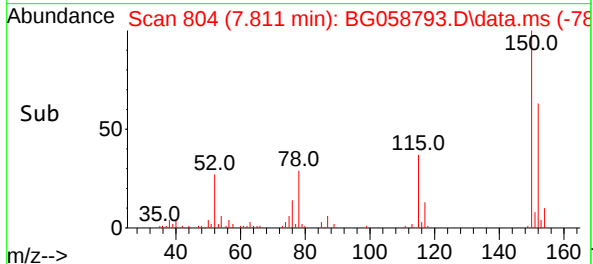
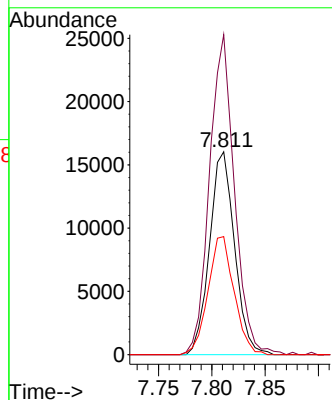
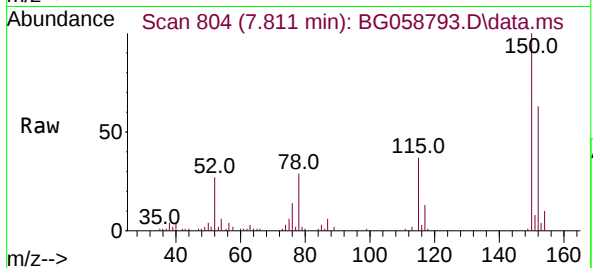




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. -0.001 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

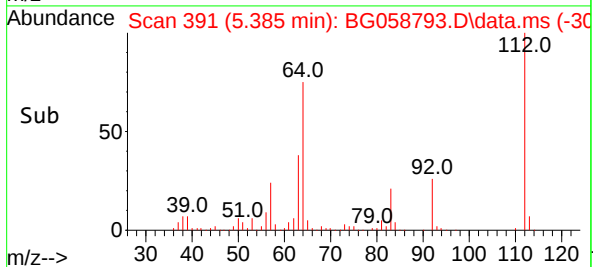
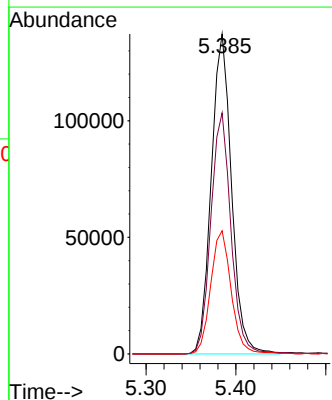
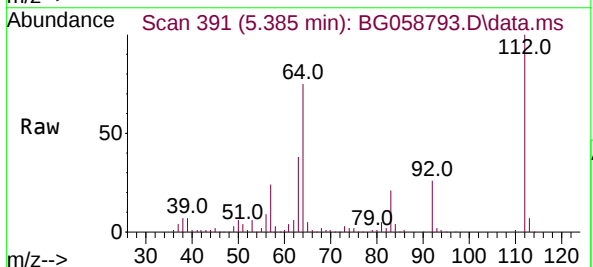
Instrument :
BNA_G
ClientSampleId :
B-PP09A

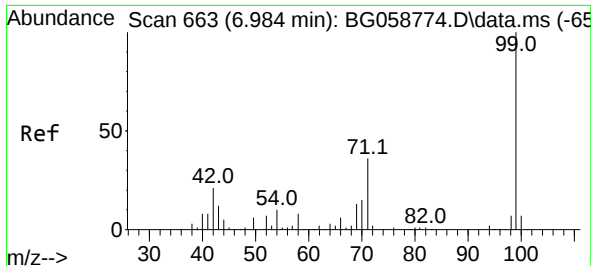
Tgt Ion:152 Resp: 26210
Ion Ratio Lower Upper
152 100
150 157.7 128.6 192.8
115 58.2 50.4 75.6



#5
2-Fluorophenol
Concen: 132.210 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.005 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

Tgt Ion:112 Resp: 215330
Ion Ratio Lower Upper
112 100
64 75.3 60.6 90.8
63 38.5 31.0 46.4

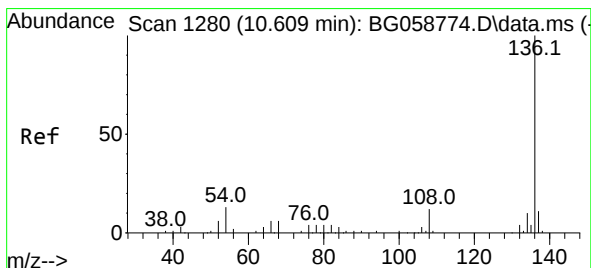
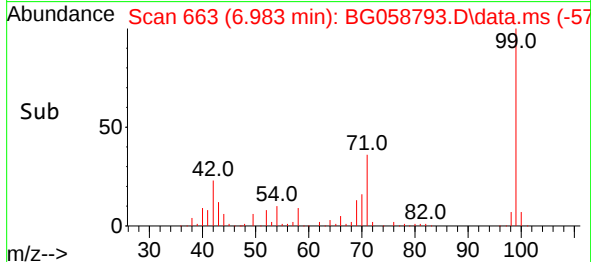
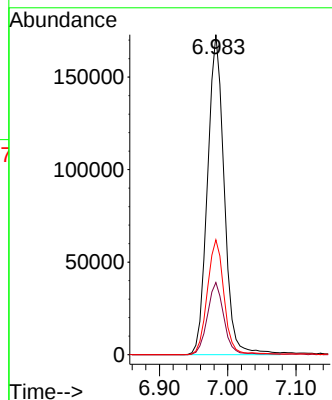
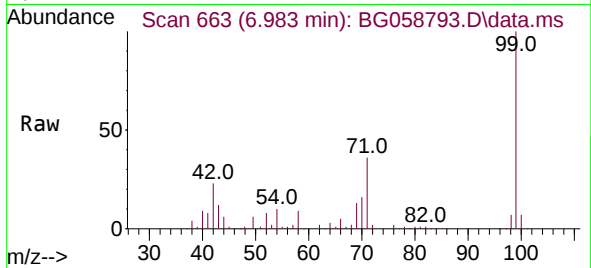




#7
Phenol-d6
Concen: 128.854 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

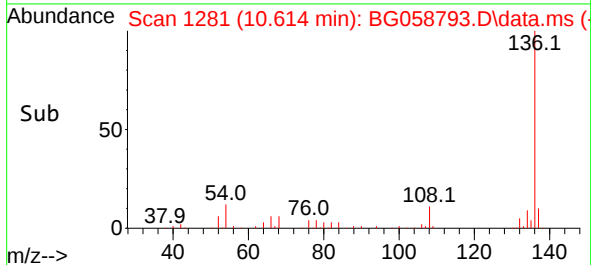
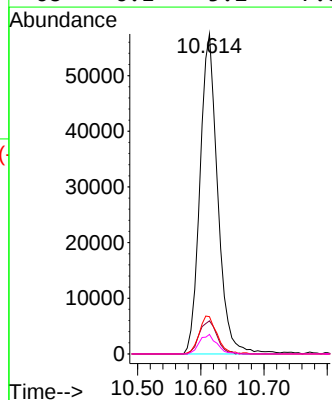
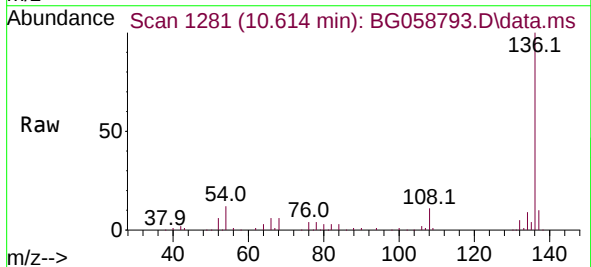
Instrument :
BNA_G
ClientSampleId :
B-PP09A

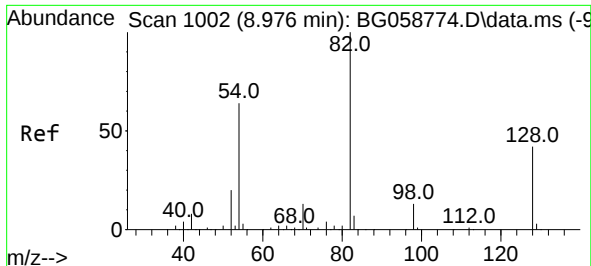
Tgt Ion: 99 Resp: 294442
Ion Ratio Lower Upper
99 100
42 22.5 16.5 24.7
71 35.9 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.005 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

Tgt Ion: 136 Resp: 111792
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 11.6 10.1 15.1
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 78.459 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.001 min

Lab File: BG058793.D

Acq: 21 Aug 2023 14:28

Instrument :

BNA_G

ClientSampleId :

B-PP09A

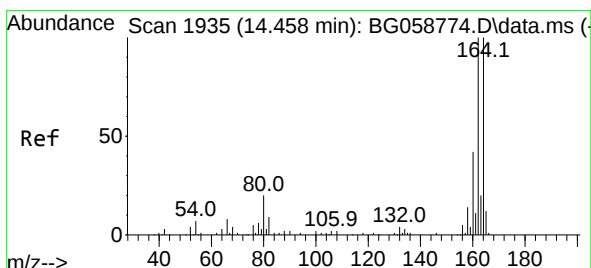
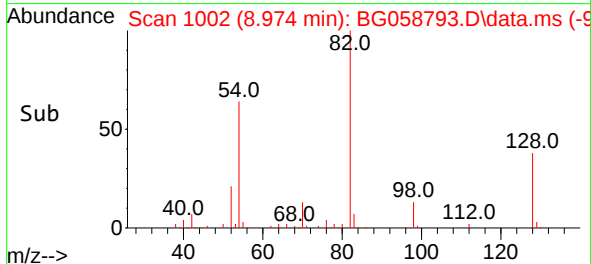
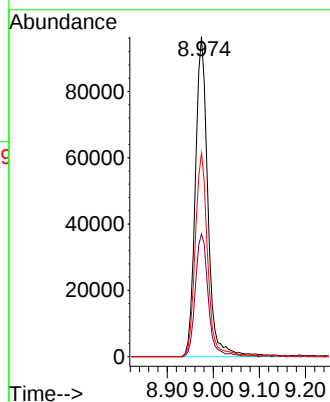
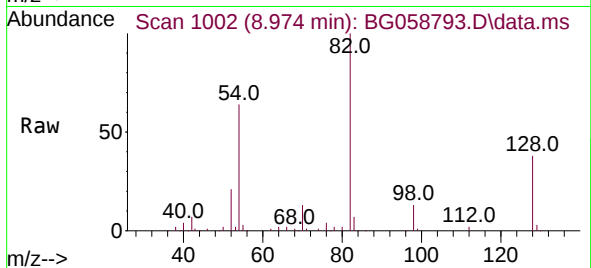
Tgt Ion: 82 Resp: 182436

Ion Ratio Lower Upper

82 100

128 38.3 33.2 49.8

54 63.7 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.456 min Scan# 1935

Delta R.T. -0.001 min

Lab File: BG058793.D

Acq: 21 Aug 2023 14:28

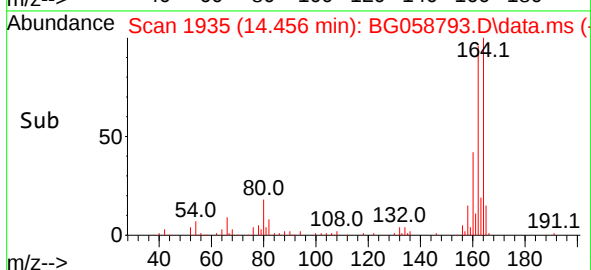
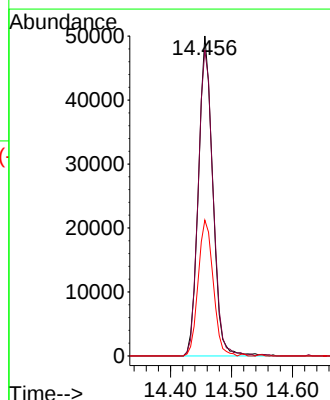
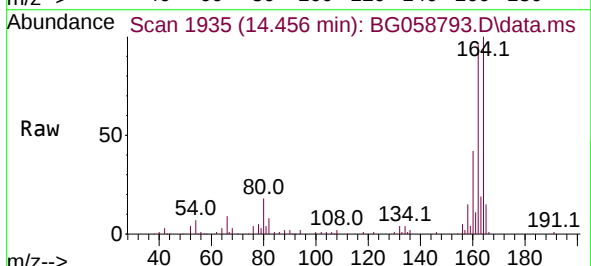
Tgt Ion:164 Resp: 81513

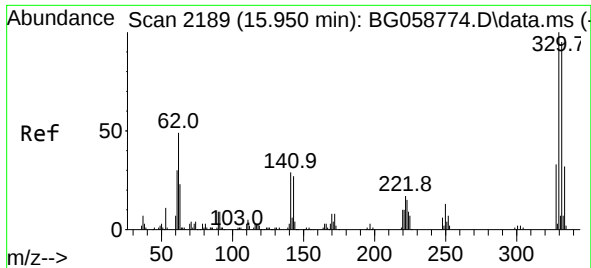
Ion Ratio Lower Upper

164 100

162 95.6 79.6 119.4

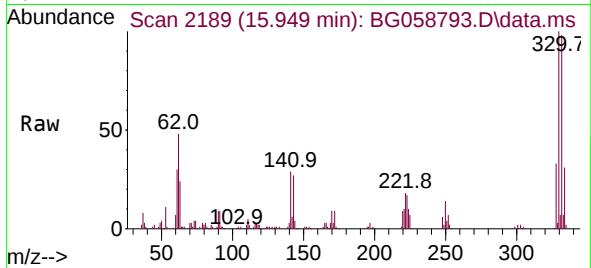
160 42.4 34.0 51.0



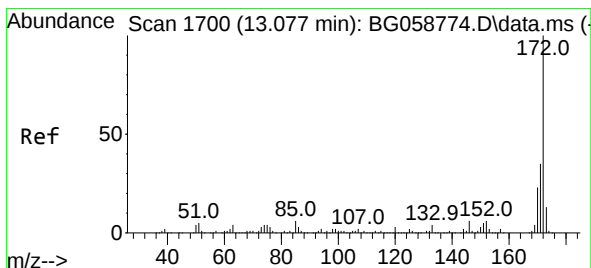
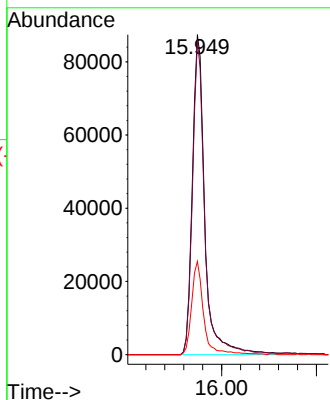
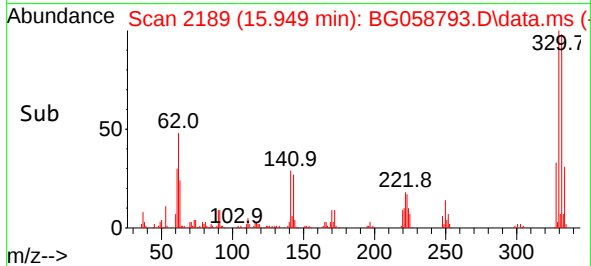


#42
2,4,6-Tribromophenol
Concen: 124.615 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

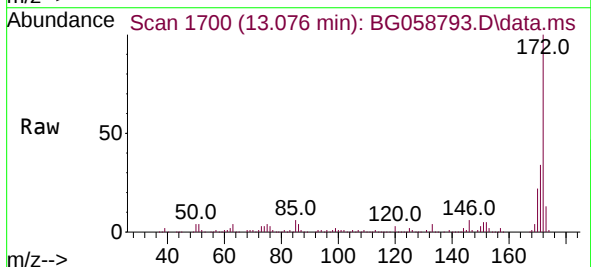
Instrument :
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B-PP09A



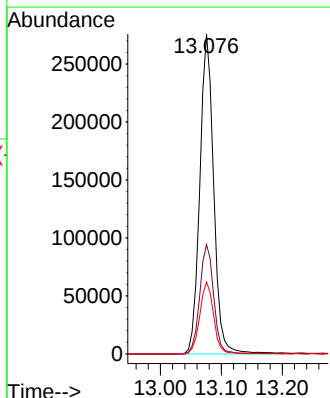
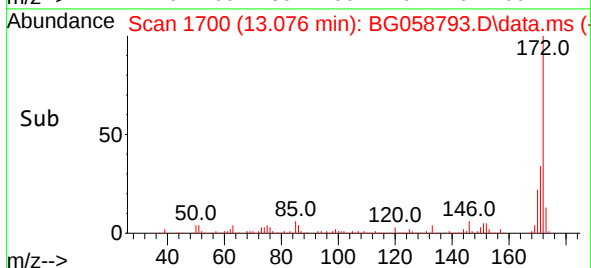
Tgt Ion:330 Resp: 159272
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 28.0 23.0 34.6

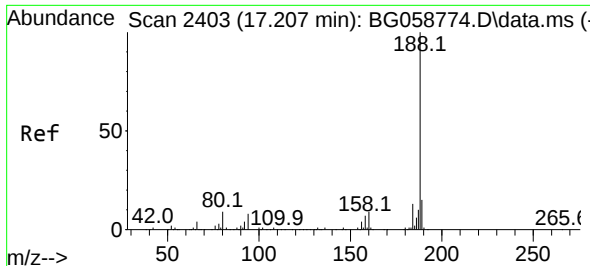


#45
2-Fluorobiphenyl
Concen: 77.758 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.001 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28



Tgt Ion:172 Resp: 435783
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 22.5 18.6 27.8

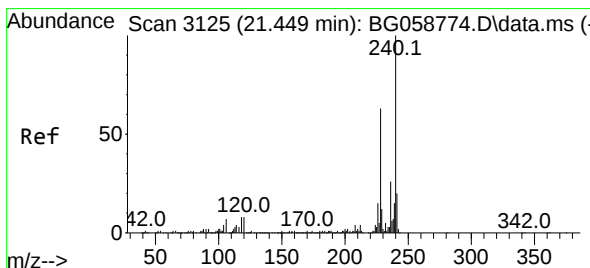
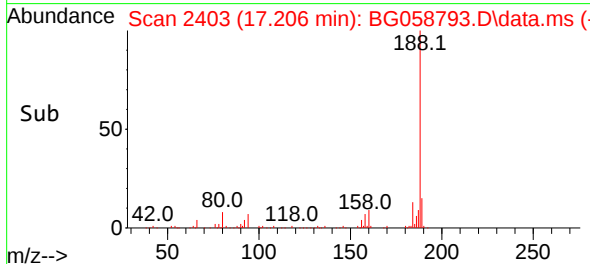
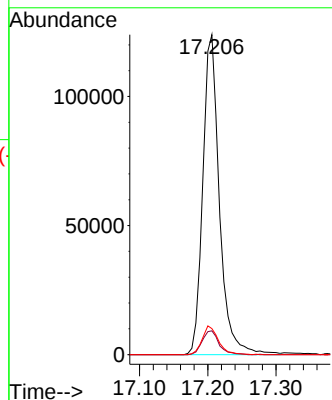
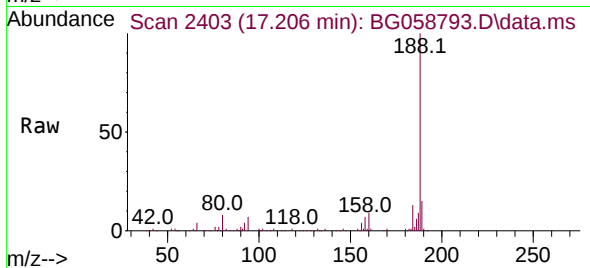




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.001 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

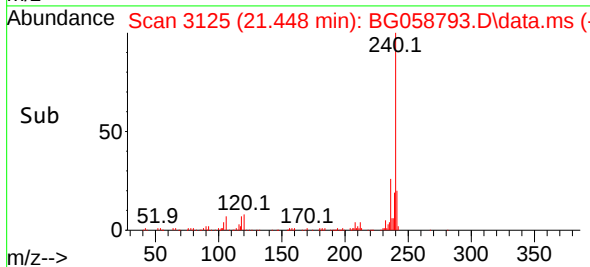
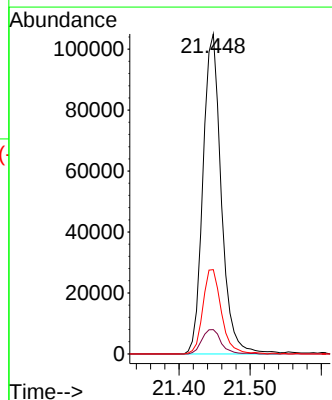
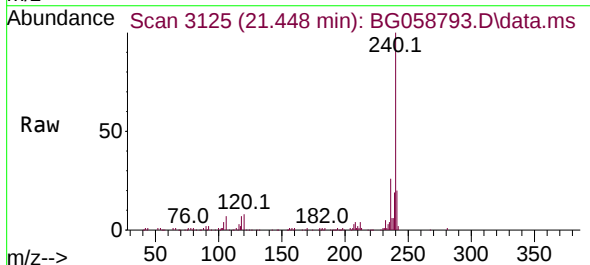
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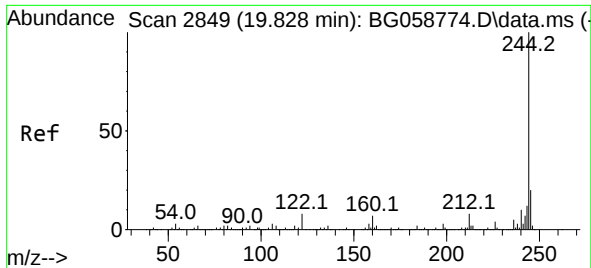
Tgt Ion:188 Resp: 209491
Ion Ratio Lower Upper
188 100
94 7.4 6.1 9.1
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058793.D
Acq: 21 Aug 2023 14:28

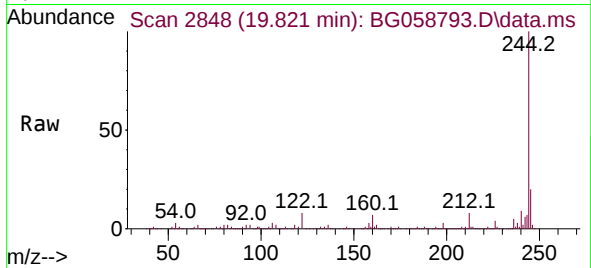
Tgt Ion:240 Resp: 187172
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 26.4 20.5 30.7



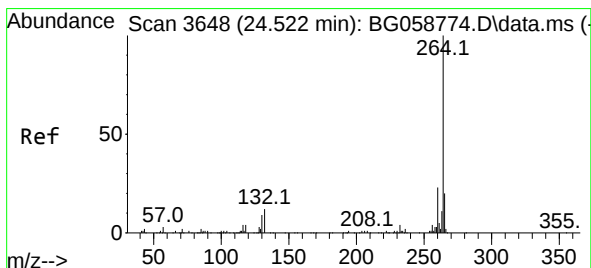
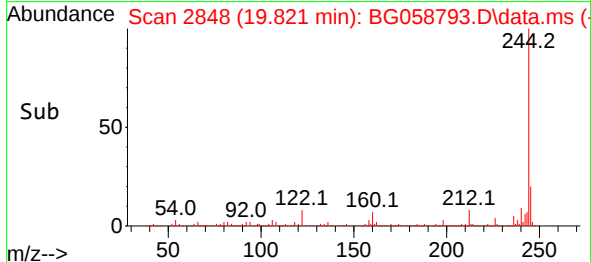
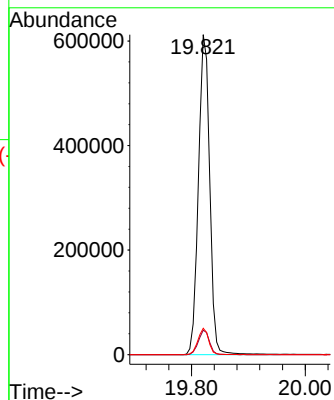


#79
 Terphenyl-d14
 Concen: 80.292 ng
 RT: 19.821 min Scan# 2848
 Delta R.T. -0.007 min
 Lab File: BG058793.D
 Acq: 21 Aug 2023 14:28

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Tgt Ion:244 Resp: 836964
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 8.2 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 3648
 Delta R.T. -0.001 min
 Lab File: BG058793.D
 Acq: 21 Aug 2023 14:28

Tgt Ion:264 Resp: 229418
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.2
 265 19.9 16.4 24.6

