

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058854.D
 Acq On : 25 Aug 2023 18:01
 Operator : MA/JU
 Sample : 04147-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03(48-50)

Quant Time: Aug 26 09:17:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	19711	20.000	ng	-0.02
21) Naphthalene-d8	10.603	136	75929	20.000	ng	-0.03
39) Acenaphthene-d10	14.451	164	51204	20.000	ng	-0.02
64) Phenanthrene-d10	17.201	188	125067	20.000	ng	-0.02
76) Chrysene-d12	21.437	240	130539	20.000	ng	-0.03
86) Perylene-d12	24.504	264	155232	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	113755	92.873	ng	-0.02
7) Phenol-d6	6.978	99	149507	86.999	ng	-0.03
23) Nitrobenzene-d5	8.970	82	90857	57.530	ng	-0.03
42) 2,4,6-Tribromophenol	15.944	330	78026	97.184	ng	-0.03
45) 2-Fluorobiphenyl	13.071	172	206787	58.738	ng	-0.03
79) Terphenyl-d14	19.816	244	417717	57.458	ng	-0.02

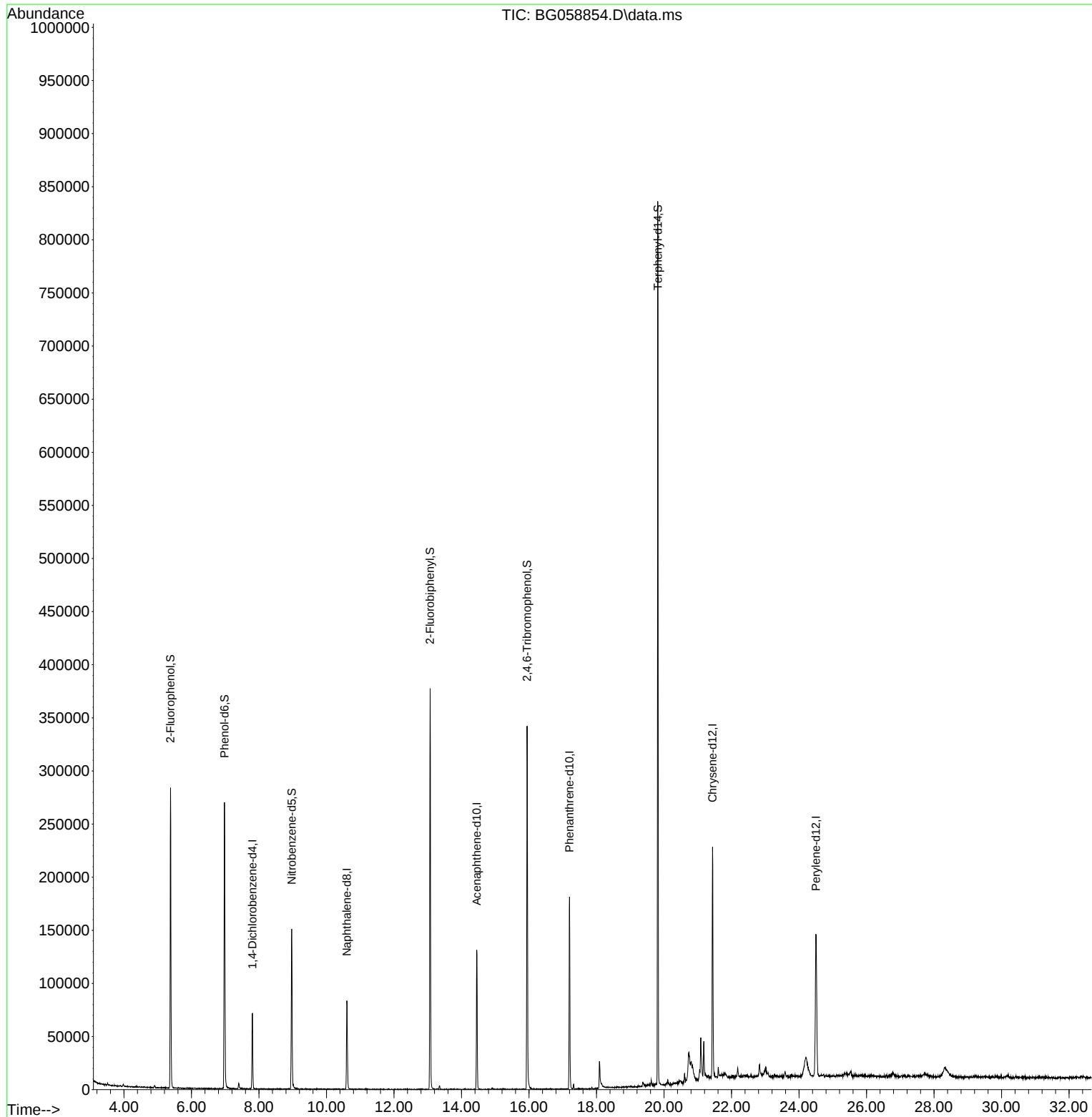
Target Compounds	Qvalue

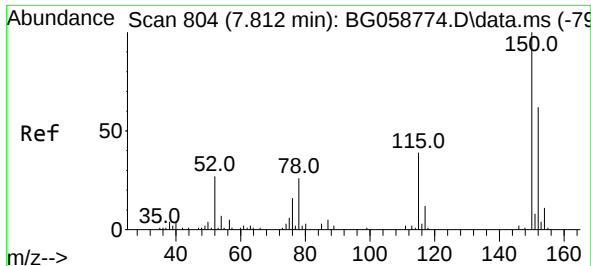
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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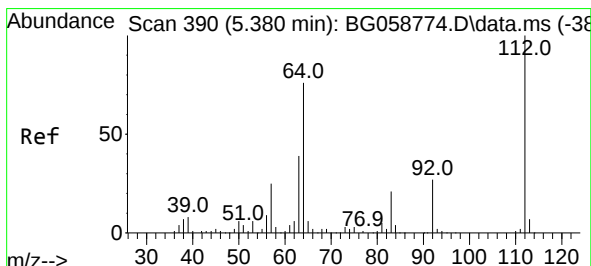
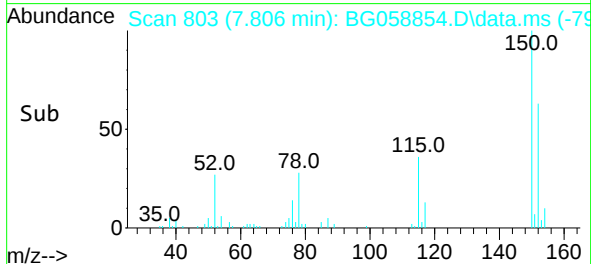
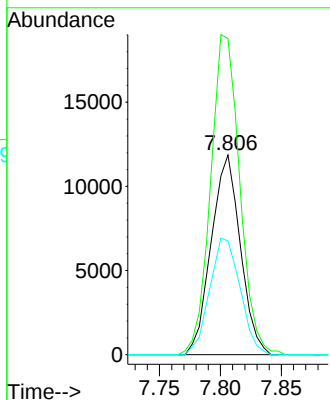
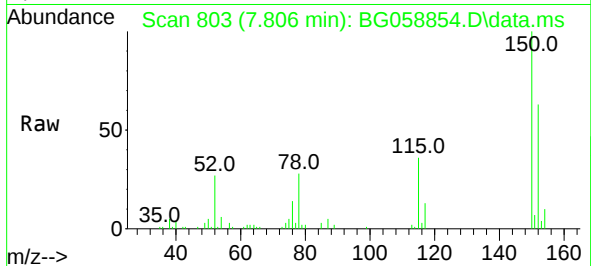




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.021 min
Lab File: BG058854.D
Acq: 25 Aug 2023 18:01

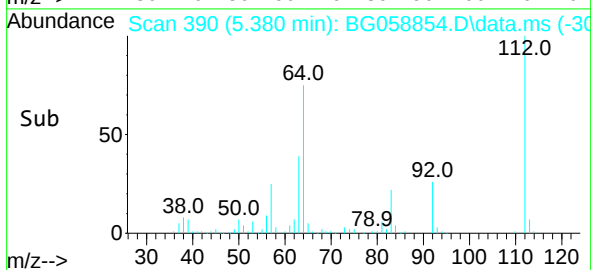
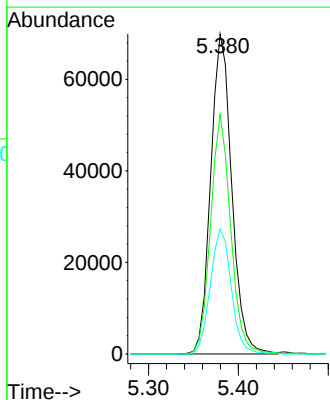
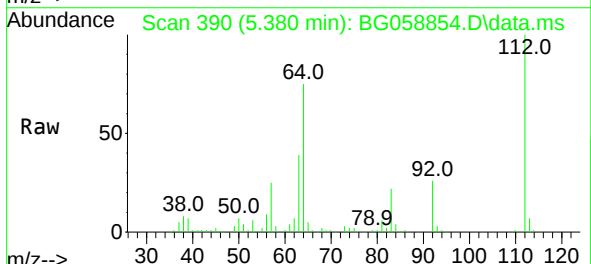
Instrument :
BNA_G
ClientSampleId :
SB-03(48-50)

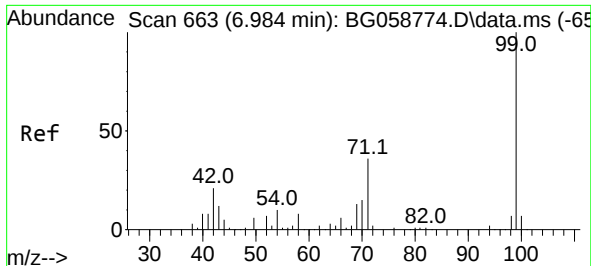
Tgt Ion:152 Resp: 19711
Ion Ratio Lower Upper
152 100
150 158.3 128.6 192.8
115 57.0 50.4 75.6



#5
2-Fluorophenol
Concen: 92.873 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.020 min
Lab File: BG058854.D
Acq: 25 Aug 2023 18:01

Tgt Ion:112 Resp: 113755
Ion Ratio Lower Upper
112 100
64 74.8 60.6 90.8
63 39.1 31.0 46.4

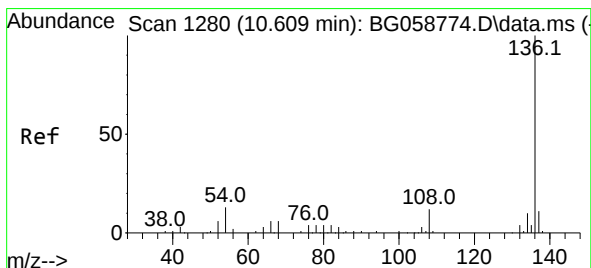
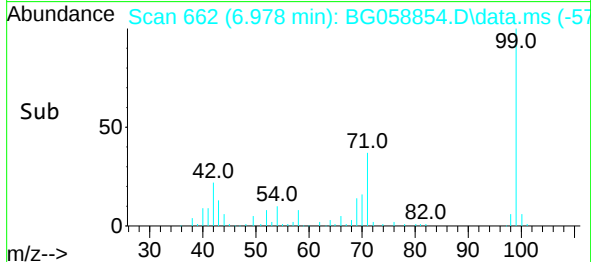
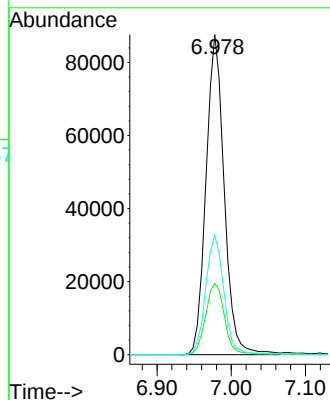
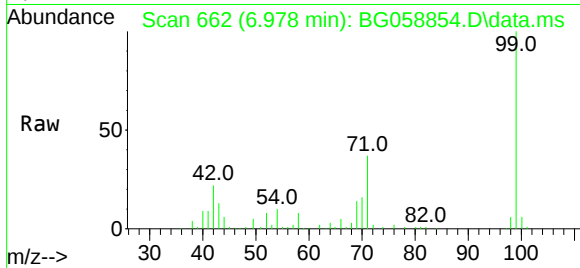




#7
Phenol-d6
Concen: 86.999 ng
RT: 6.978 min Scan# 61
Delta R.T. -0.026 min
Lab File: BG058854.D
Acq: 25 Aug 2023 18:01

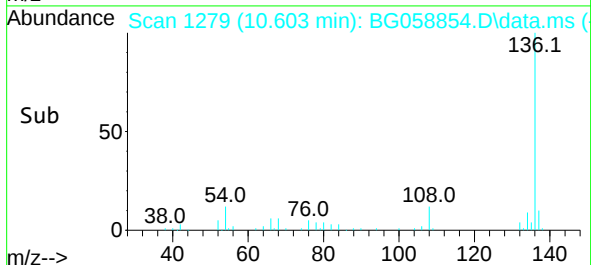
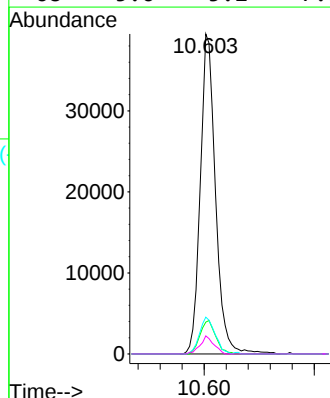
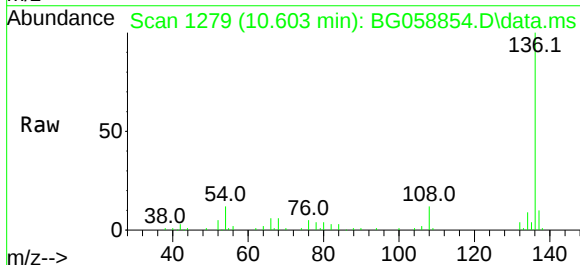
Instrument :
BNA_G
ClientSampleId :
SB-03(48-50)

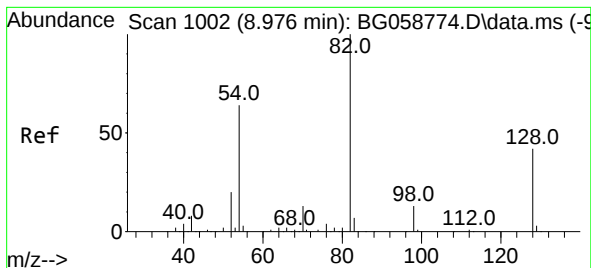
Tgt Ion: 99 Resp: 149507
Ion Ratio Lower Upper
99 100
42 22.2 16.5 24.7
71 37.3 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 1279
Delta R.T. -0.026 min
Lab File: BG058854.D
Acq: 25 Aug 2023 18:01

Tgt Ion: 136 Resp: 75929
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 11.5 10.1 15.1
68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 57.530 ng

RT: 8.970 min Scan# 1002

Delta R.T. -0.026 min

Lab File: BG058854.D

Acq: 25 Aug 2023 18:01

Instrument :

BNA_G

ClientSampleId :

SB-03(48-50)

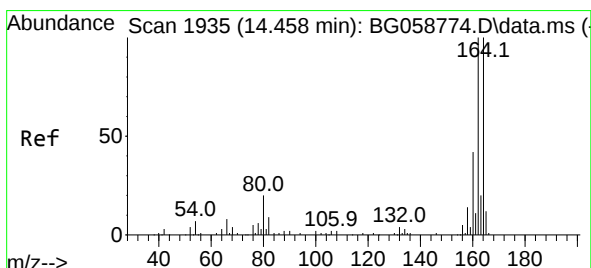
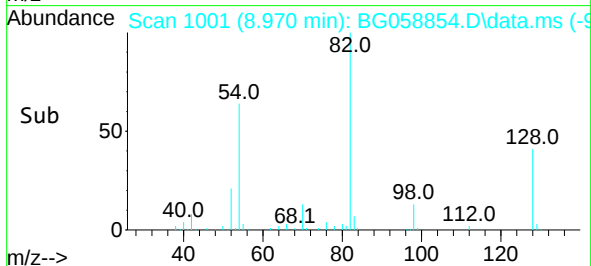
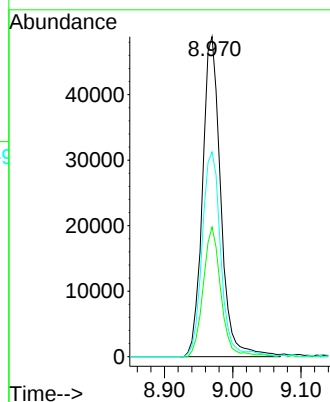
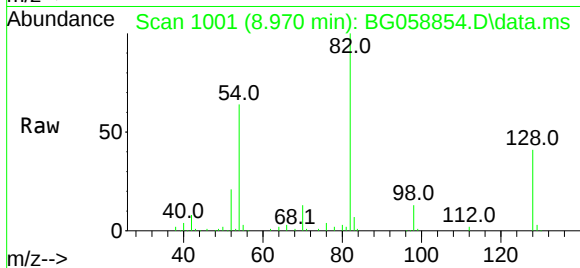
Tgt Ion: 82 Resp: 90857

Ion Ratio Lower Upper

82 100

128 40.5 33.2 49.8

54 64.0 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1934

Delta R.T. -0.020 min

Lab File: BG058854.D

Acq: 25 Aug 2023 18:01

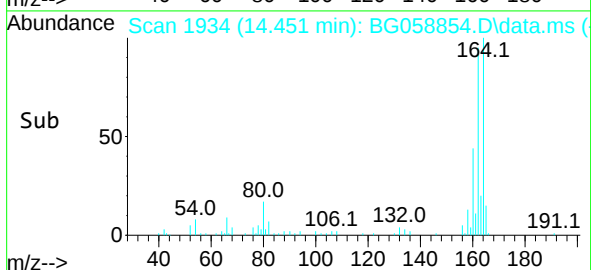
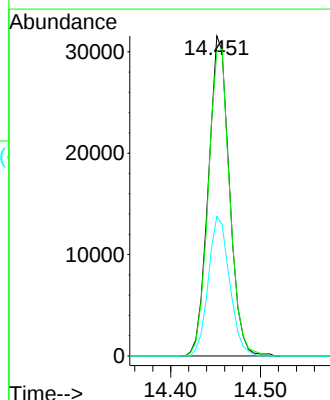
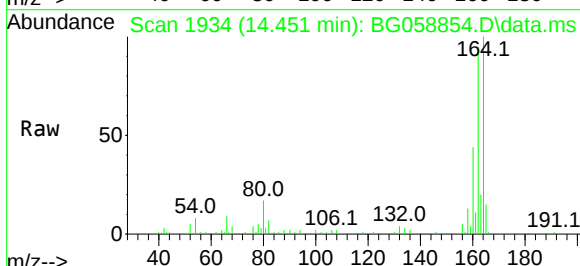
Tgt Ion: 164 Resp: 51204

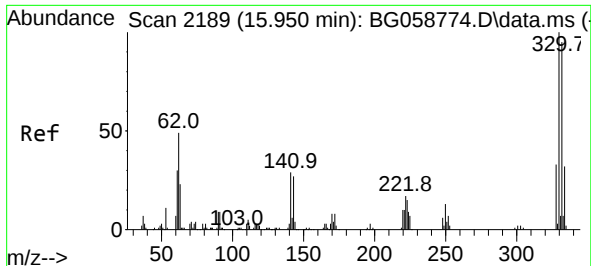
Ion Ratio Lower Upper

164 100

162 95.1 79.6 119.4

160 43.6 34.0 51.0

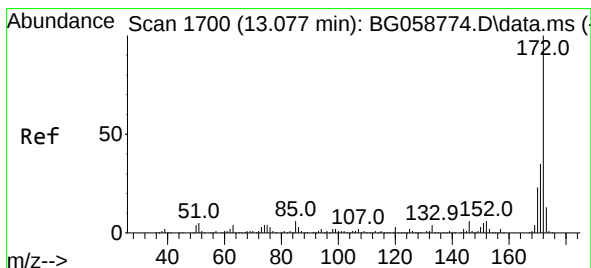
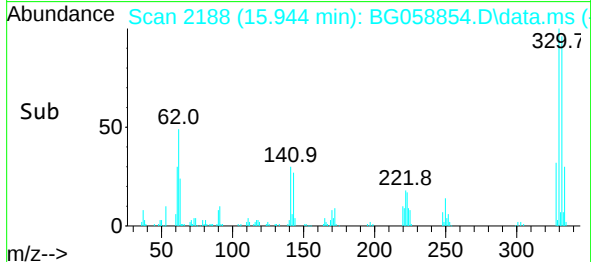
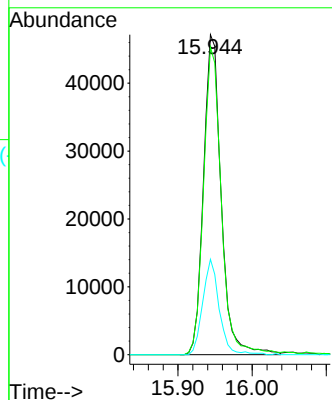
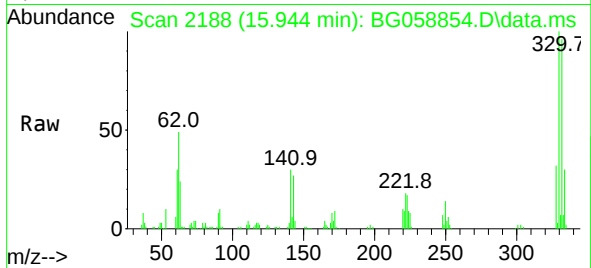




#42
 2,4,6-Tribromophenol
 Concen: 97.184 ng
 RT: 15.944 min Scan# 2189
 Delta R.T. -0.026 min
 Lab File: BG058854.D
 Acq: 25 Aug 2023 18:01

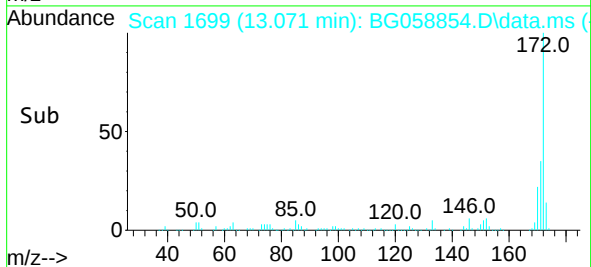
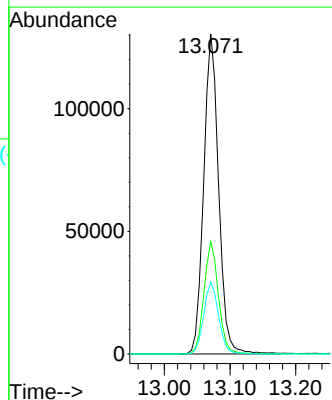
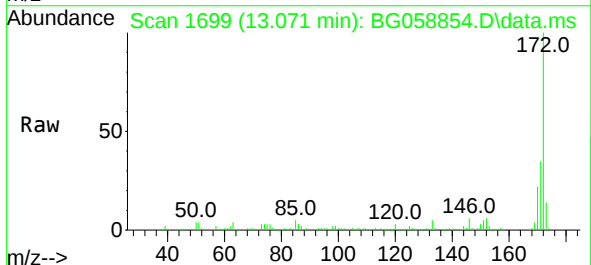
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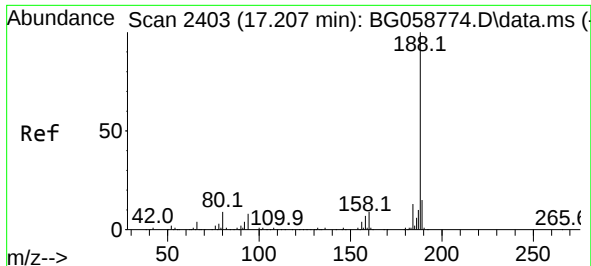
Tgt Ion:330 Resp: 78026
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.5 117.7
 141 27.8 23.0 34.6



#45
 2-Fluorobiphenyl
 Concen: 58.738 ng
 RT: 13.071 min Scan# 1699
 Delta R.T. -0.026 min
 Lab File: BG058854.D
 Acq: 25 Aug 2023 18:01

Tgt Ion:172 Resp: 206787
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.1 42.1
 170 22.4 18.6 27.8

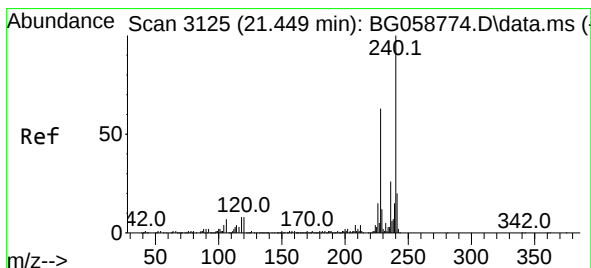
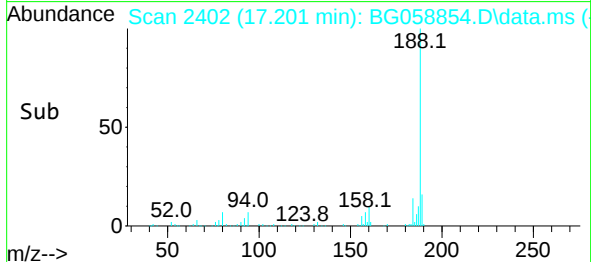
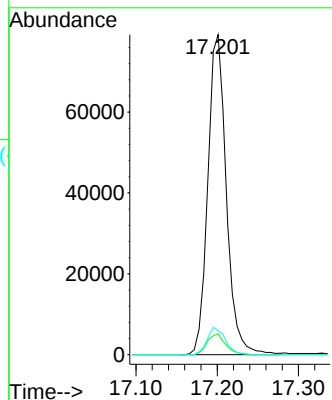
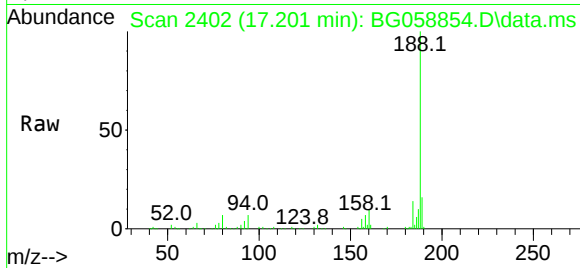




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.020 min
Lab File: BG058854.D
Acq: 25 Aug 2023 18:01

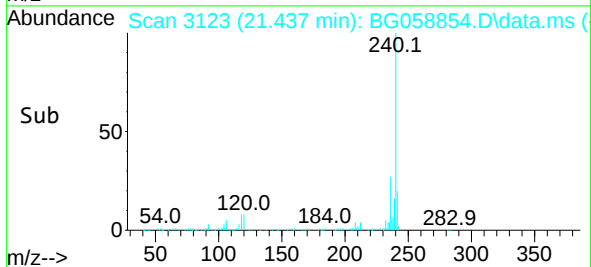
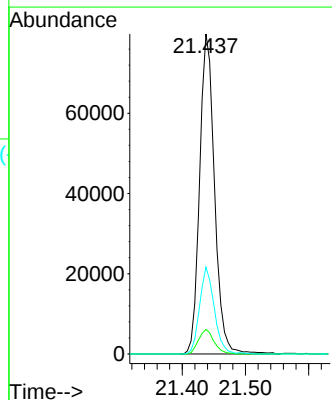
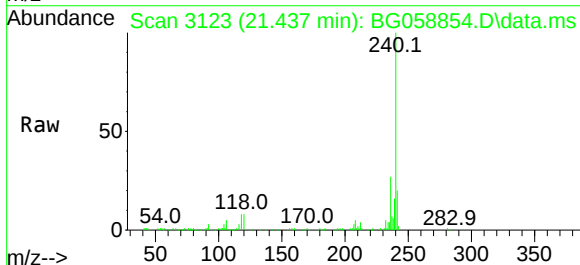
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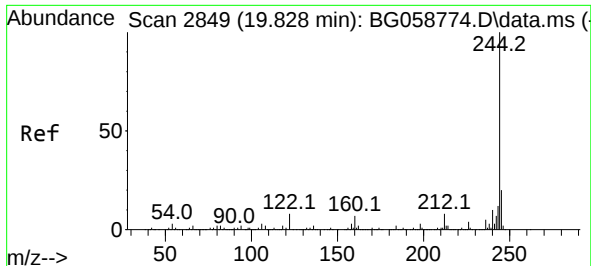
Tgt Ion:188 Resp: 125067
Ion Ratio Lower Upper
188 100
94 6.5 6.1 9.1
80 7.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.437 min Scan# 3123
Delta R.T. -0.026 min
Lab File: BG058854.D
Acq: 25 Aug 2023 18:01

Tgt Ion:240 Resp: 130539
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 27.2 20.5 30.7

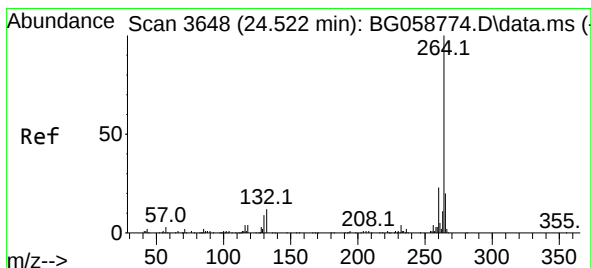
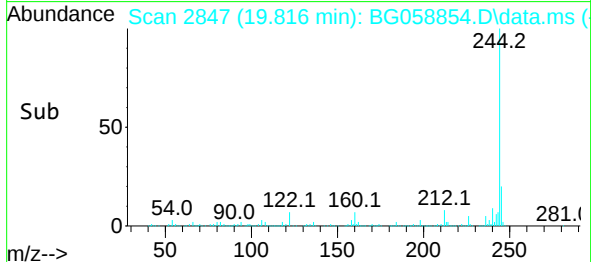
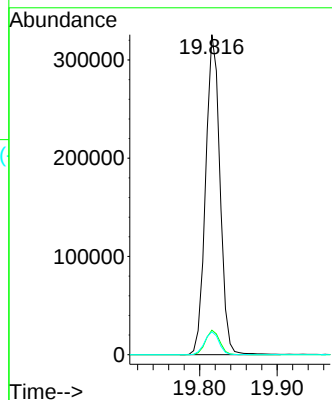
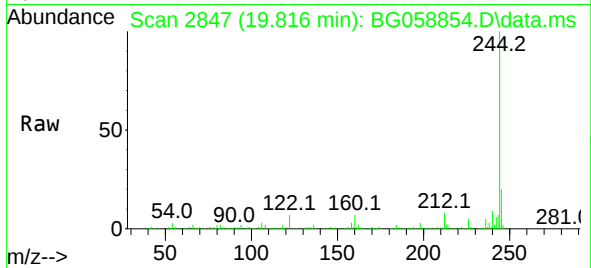




#79
 Terphenyl-d14
 Concen: 57.458 ng
 RT: 19.816 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BG058854.D
 Acq: 25 Aug 2023 18:01

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 SB-03(48-50)

Tgt Ion:244 Resp: 417717
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.2 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.504 min Scan# 3645
 Delta R.T. -0.032 min
 Lab File: BG058854.D
 Acq: 25 Aug 2023 18:01

Tgt Ion:264 Resp: 155232
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.2 27.2
 265 22.7 16.4 24.6

