

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058860.D
 Acq On : 25 Aug 2023 22:08
 Operator : MA/JU
 Sample : 04109-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-04(6-7)

Quant Time: Aug 26 09:19:24 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	7.804	152	18512	20.000	ng	-0.02
21) Naphthalene-d8	10.606	136	70834	20.000	ng	-0.02
39) Acenaphthene-d10	14.455	164	48425	20.000	ng	-0.02
64) Phenanthrene-d10	17.199	188	123332	20.000	ng	-0.02
76) Chrysene-d12	21.441	240	124158	20.000	ng	-0.02
86) Perylene-d12	24.502	264	145837	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.377	112	90405	78.590	ng	-0.02
7) Phenol-d6	6.975	99	115706	71.691	ng	-0.03
23) Nitrobenzene-d5	8.967	82	73950	50.193	ng	-0.03
42) 2,4,6-Tribromophenol	15.947	330	60964	80.290	ng	-0.02
45) 2-Fluorobiphenyl	13.074	172	172731	51.880	ng	-0.02
79) Terphenyl-d14	19.819	244	363079	52.509	ng	-0.02

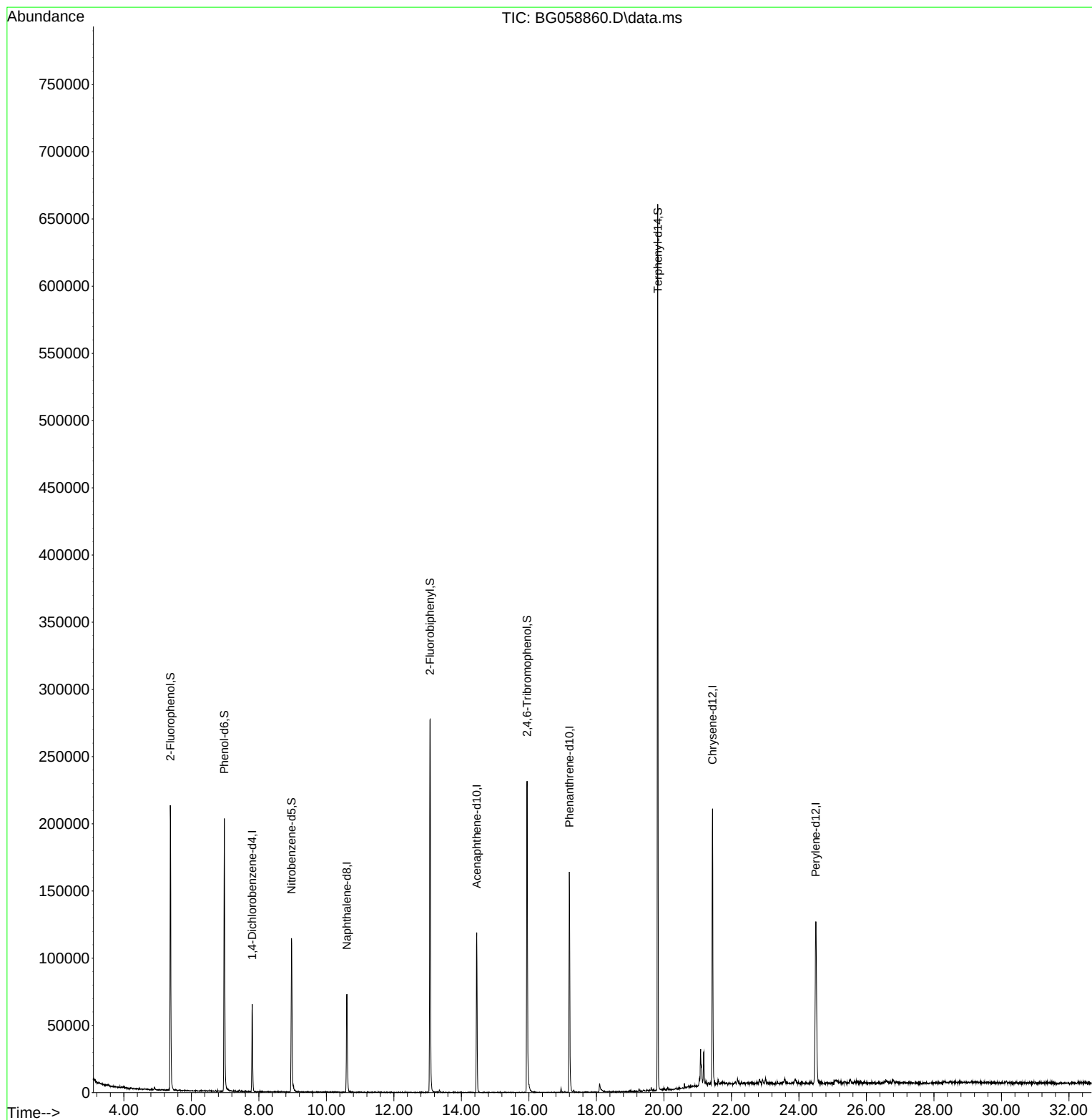
Target Compounds	Qvalue

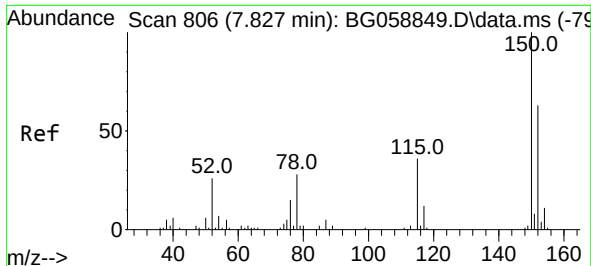
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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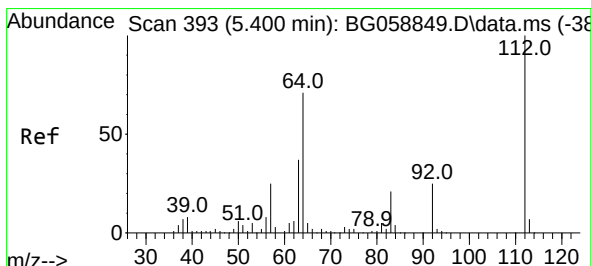
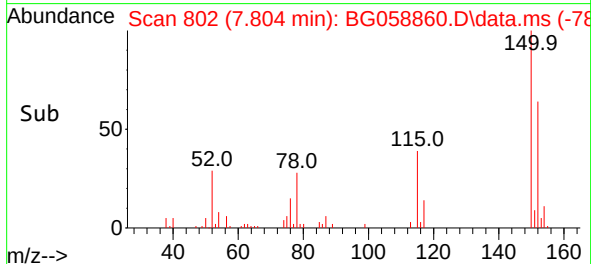
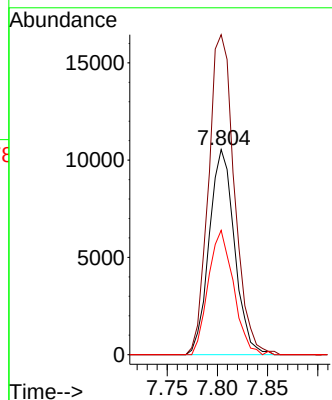
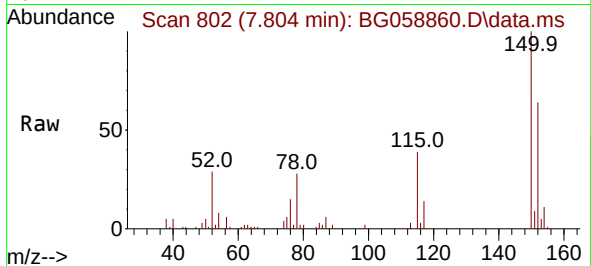




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. -0.023 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

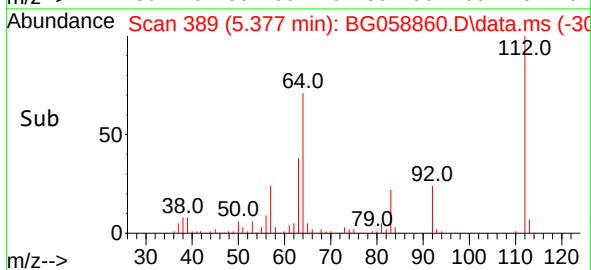
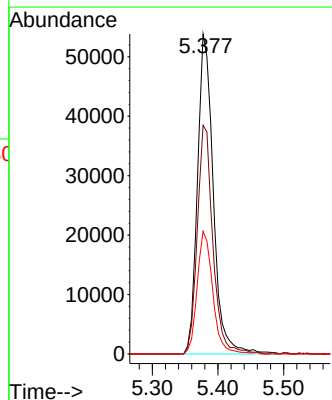
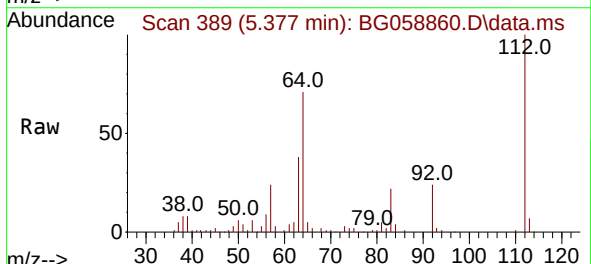
Instrument :
BNA_G
ClientSampleId :
TP-04(6-7)

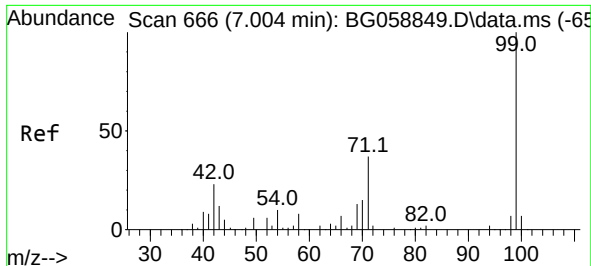
Tgt Ion:152 Resp: 18512
Ion Ratio Lower Upper
152 100
150 156.0 128.6 192.8
115 60.6 50.4 75.6



#5
2-Fluorophenol
Concen: 78.590 ng
RT: 5.377 min Scan# 389
Delta R.T. -0.023 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

Tgt Ion:112 Resp: 90405
Ion Ratio Lower Upper
112 100
64 71.4 60.6 90.8
63 38.3 31.0 46.4

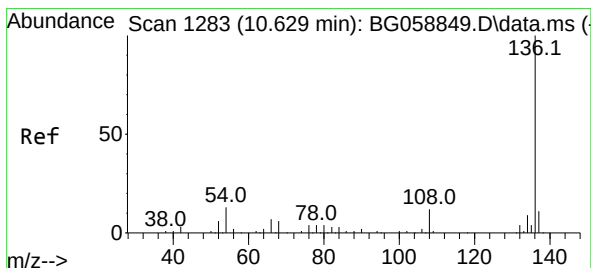
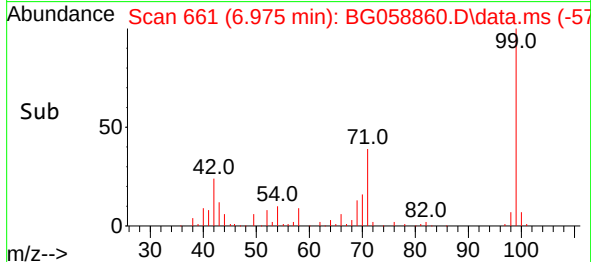
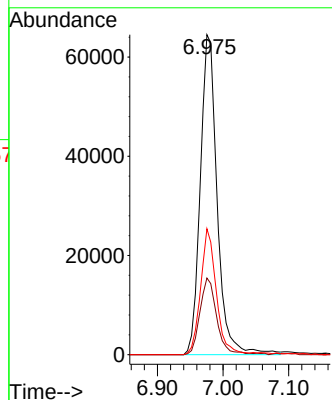
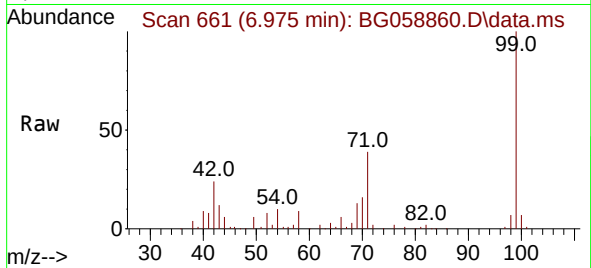




#7
Phenol-d6
Concen: 71.691 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.029 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

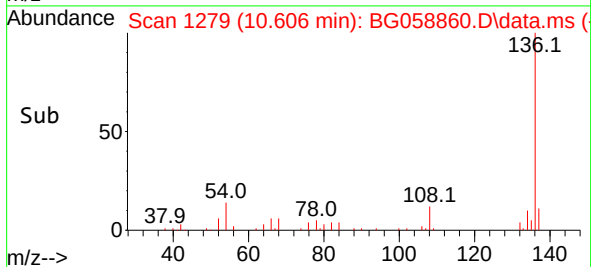
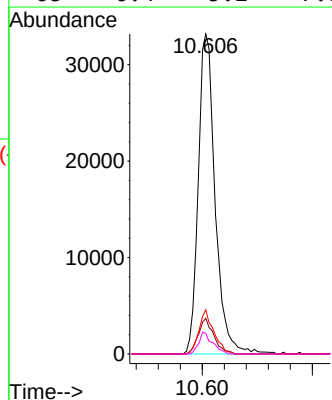
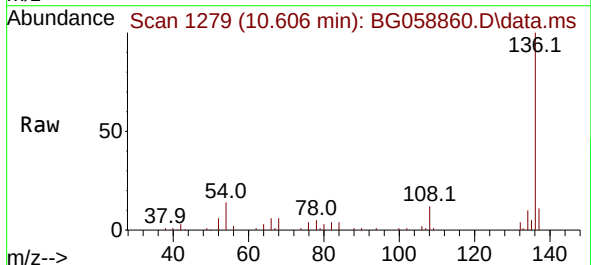
Instrument :
BNA_G
ClientSampleId :
TP-04(6-7)

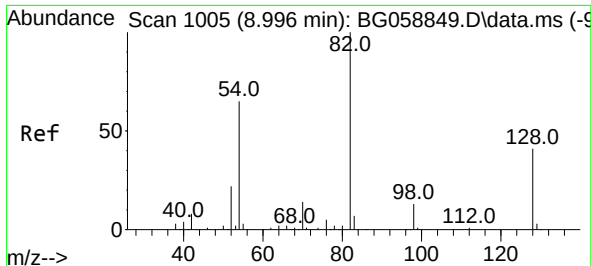
Tgt Ion: 99 Resp: 115706
Ion Ratio Lower Upper
99 100
42 23.9 16.5 24.7
71 39.3 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.606 min Scan# 1279
Delta R.T. -0.023 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

Tgt Ion: 136 Resp: 70834
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 13.8 10.1 15.1
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 50.193 ng

RT: 8.967 min Scan# 10

Delta R.T. -0.029 min

Lab File: BG058860.D

Acq: 25 Aug 2023 22:08

Instrument :

BNA_G

ClientSampleId :

TP-04(6-7)

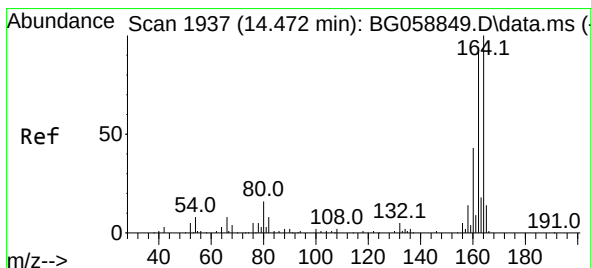
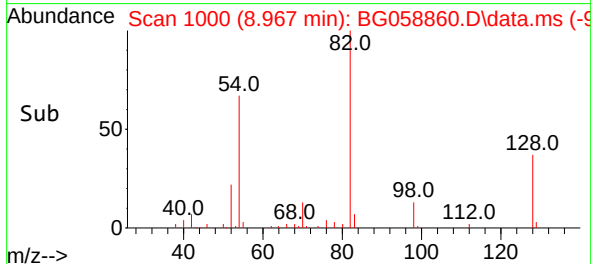
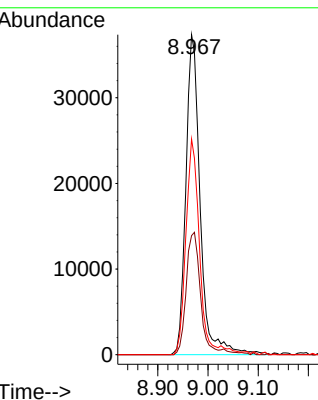
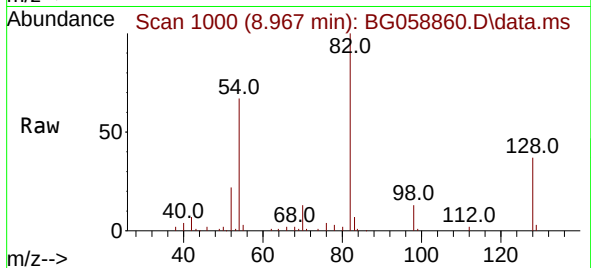
Tgt Ion: 82 Resp: 73950

Ion Ratio Lower Upper

82 100

128 37.2 33.2 49.8

54 67.4 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.455 min Scan# 1934

Delta R.T. -0.017 min

Lab File: BG058860.D

Acq: 25 Aug 2023 22:08

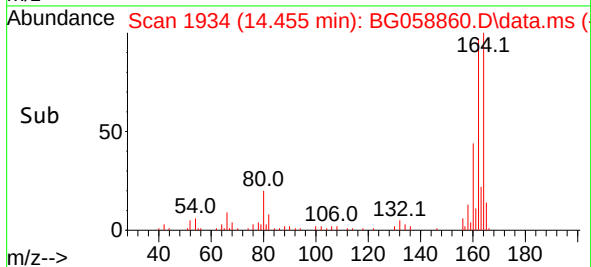
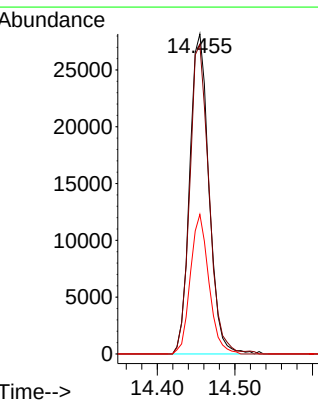
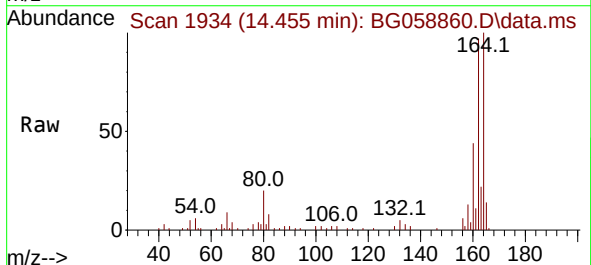
Tgt Ion:164 Resp: 48425

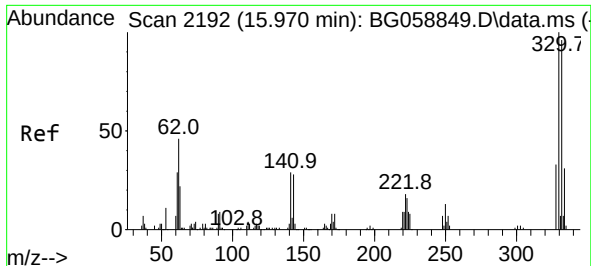
Ion Ratio Lower Upper

164 100

162 96.7 79.6 119.4

160 43.6 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 80.290 ng

RT: 15.947 min Scan# 21

Delta R.T. -0.023 min

Lab File: BG058860.D

Acq: 25 Aug 2023 22:08

Instrument :

BNA_G

ClientSampleId :

TP-04(6-7)

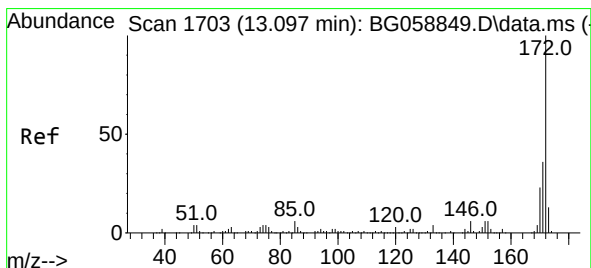
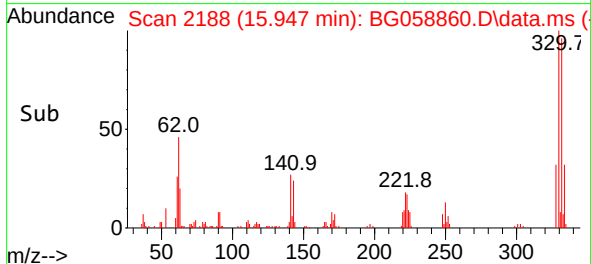
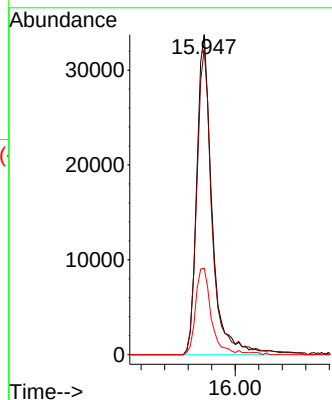
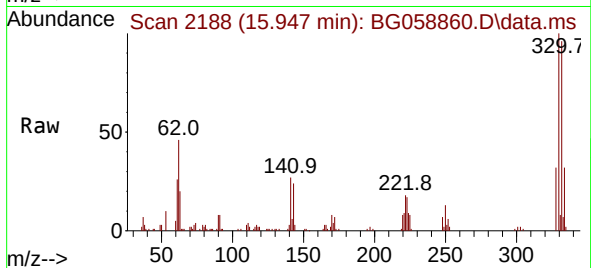
Tgt Ion:330 Resp: 60964

Ion Ratio Lower Upper

330 100

332 96.8 78.5 117.7

141 27.2 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 51.880 ng

RT: 13.074 min Scan# 1699

Delta R.T. -0.023 min

Lab File: BG058860.D

Acq: 25 Aug 2023 22:08

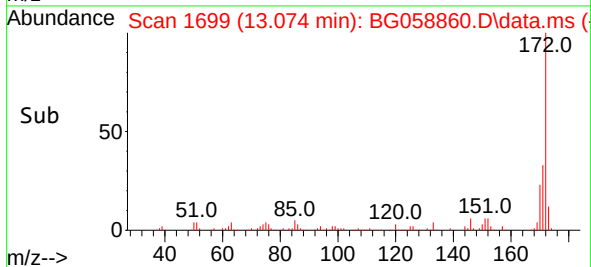
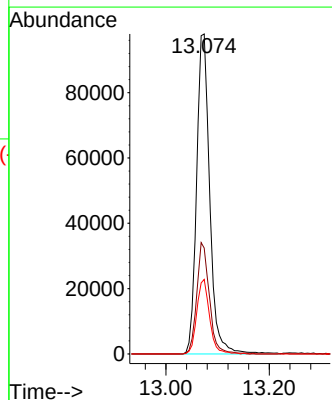
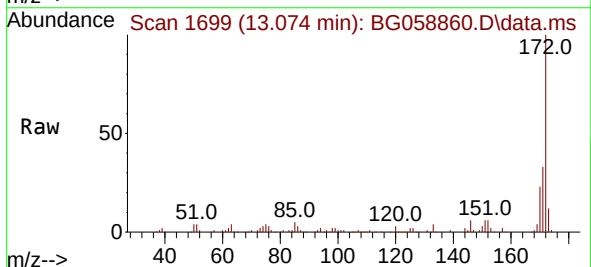
Tgt Ion:172 Resp: 172731

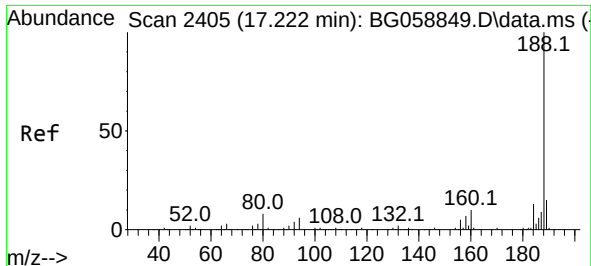
Ion Ratio Lower Upper

172 100

171 33.1 28.1 42.1

170 23.3 18.6 27.8

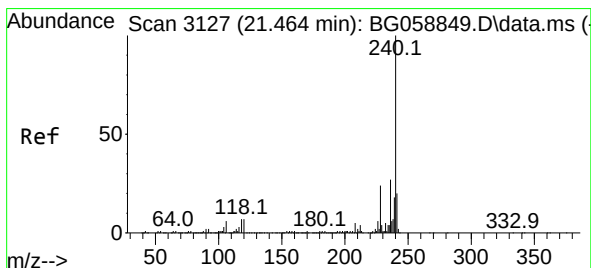
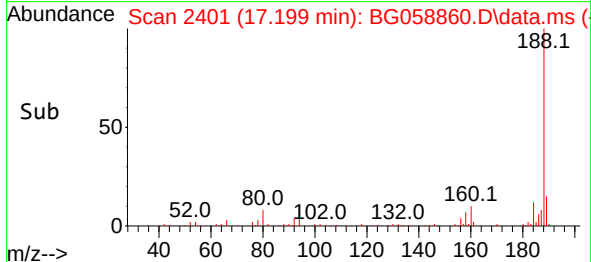
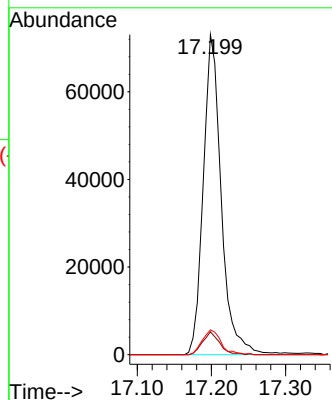
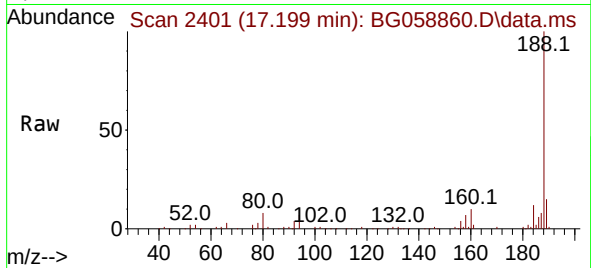




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.199 min Scan# 2401
Delta R.T. -0.023 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

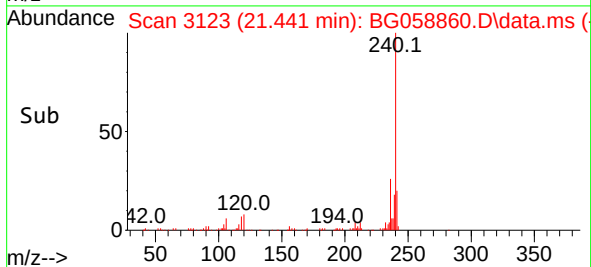
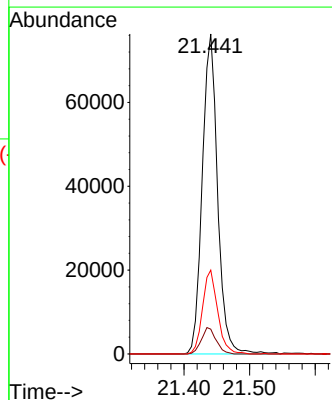
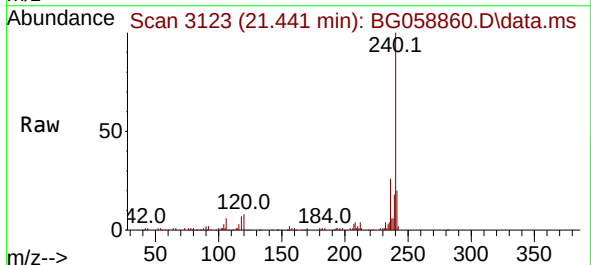
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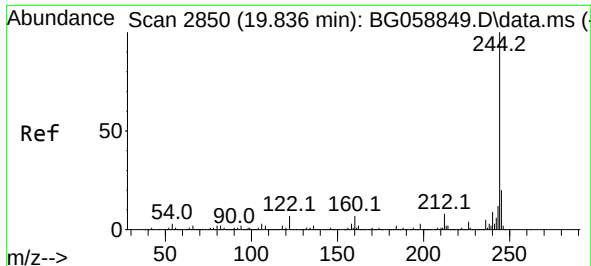
Tgt Ion:188 Resp: 123332
Ion Ratio Lower Upper
188 100
94 7.2 6.1 9.1
80 7.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.441 min Scan# 3123
Delta R.T. -0.023 min
Lab File: BG058860.D
Acq: 25 Aug 2023 22:08

Tgt Ion:240 Resp: 124158
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.2
236 26.2 20.5 30.7

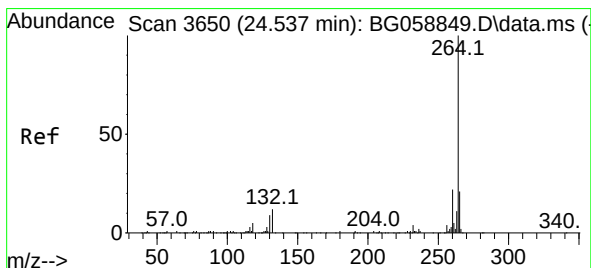
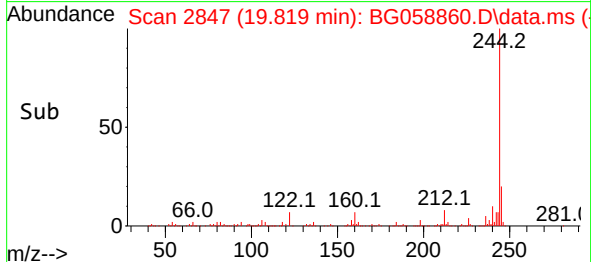
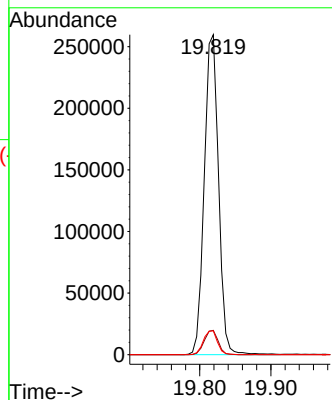
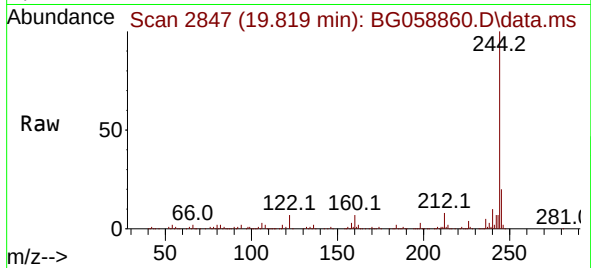




#79
 Terphenyl-d14
 Concen: 52.509 ng
 RT: 19.819 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG058860.D
 Acq: 25 Aug 2023 22:08

Instrument :
 BNA_G
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 TP-04(6-7)

Tgt Ion:244 Resp: 363079
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.5 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.502 min Scan# 3644
 Delta R.T. -0.035 min
 Lab File: BG058860.D
 Acq: 25 Aug 2023 22:08

Tgt Ion:264 Resp: 145837
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 21.4 16.4 24.6

