

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055340.D
 Acq On : 28 Oct 2022 13:50
 Operator : CG/JU
 Sample : PB148557BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148557BL

Quant Time: Oct 29 04:30:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	28373	20.000	ng	-0.01
21) Naphthalene-d8	11.096	136	116154	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	78159	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	194182	20.000	ng	0.00
76) Chrysene-d12	21.889	240	208140	20.000	ng	-0.01
86) Perylene-d12	25.285	264	220537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	215853	133.209	ng	0.00
7) Phenol-d6	7.412	99	281316	119.831	ng	0.00
23) Nitrobenzene-d5	9.439	82	173678	76.352	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	129508	152.424	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	408036	85.448	ng	-0.01
79) Terphenyl-d14	20.185	244	863521	86.198	ng	0.00

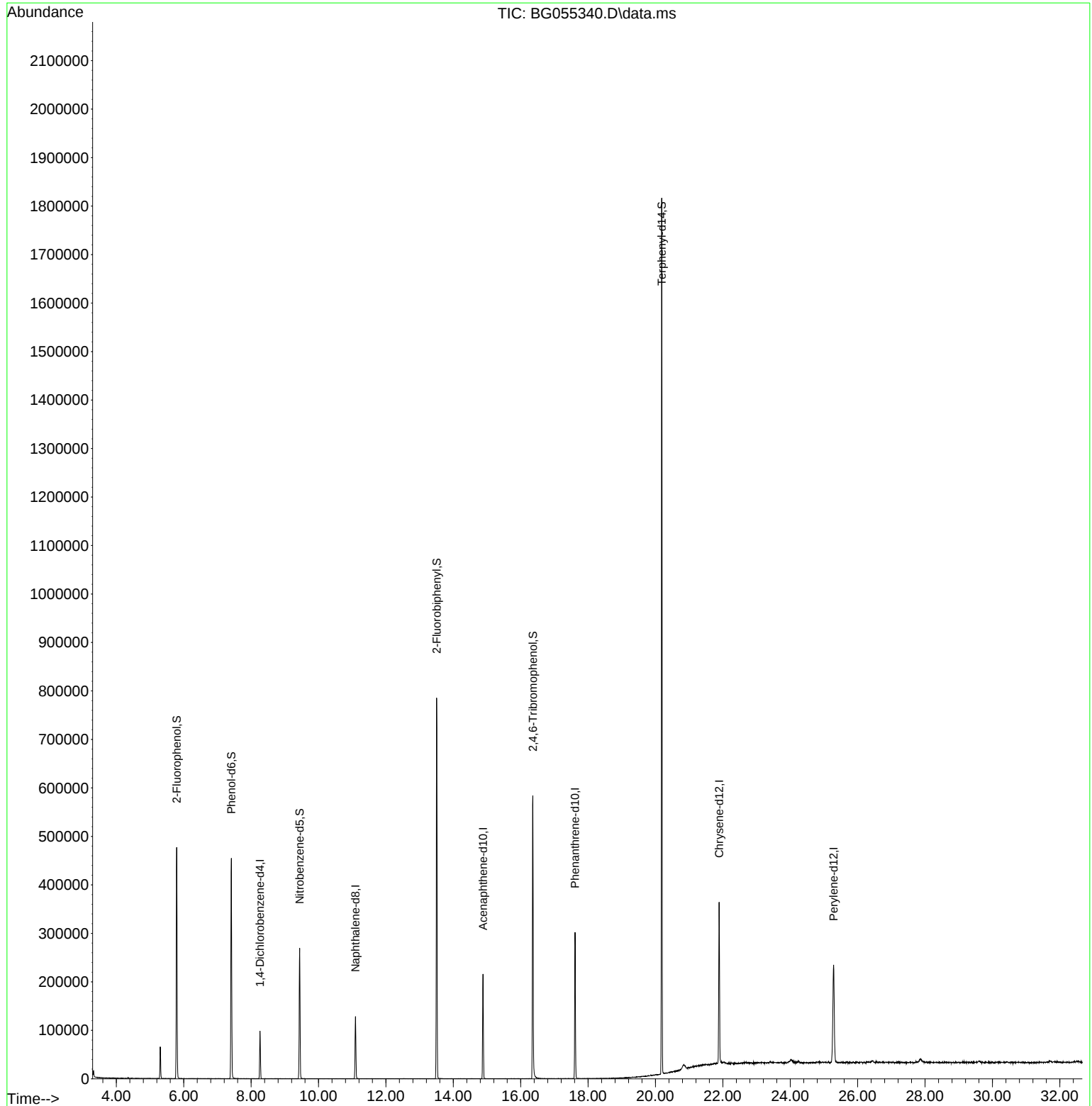
Target Compounds Qvalue

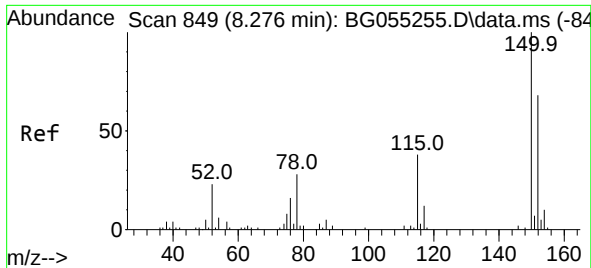
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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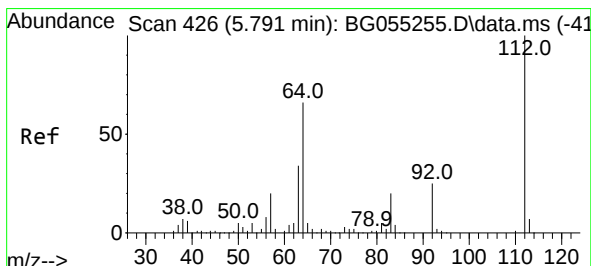
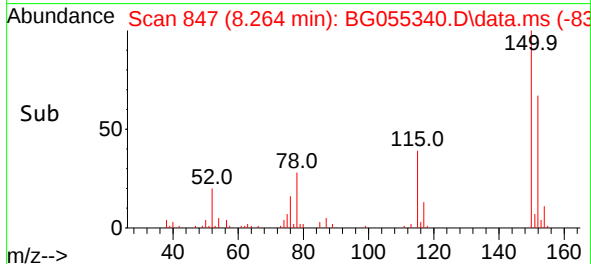
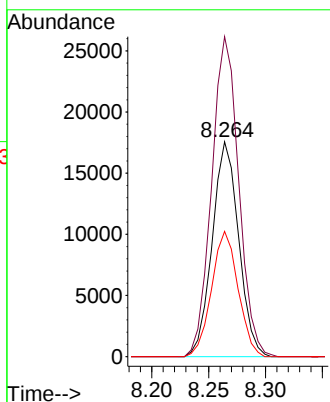
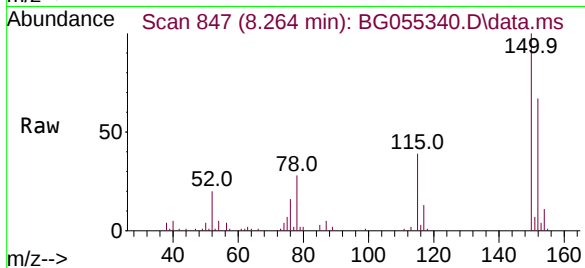




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

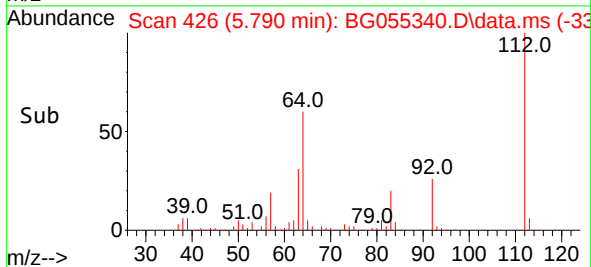
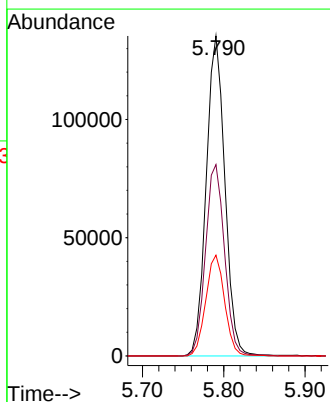
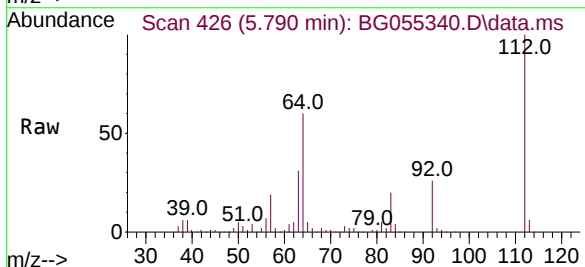
Instrument :
BNA_G
ClientSampleId :
PB148557BL

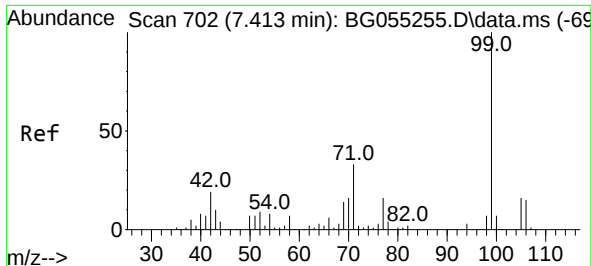
Tgt Ion:152 Resp: 28373
Ion Ratio Lower Upper
152 100
150 149.0 118.2 177.4
115 58.3 44.5 66.7



#5
2-Fluorophenol
Concen: 133.209 ng
RT: 5.790 min Scan# 426
Delta R.T. -0.000 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Tgt Ion:112 Resp: 215853
Ion Ratio Lower Upper
112 100
64 59.8 52.6 78.8
63 31.5 27.1 40.7

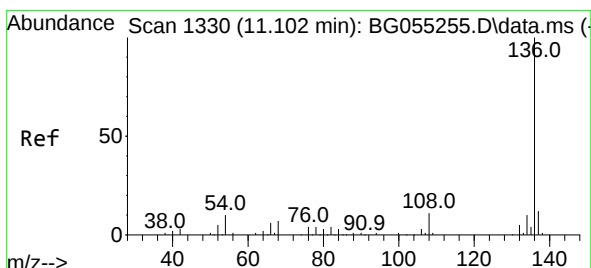
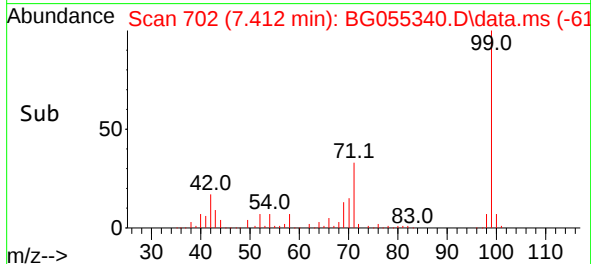
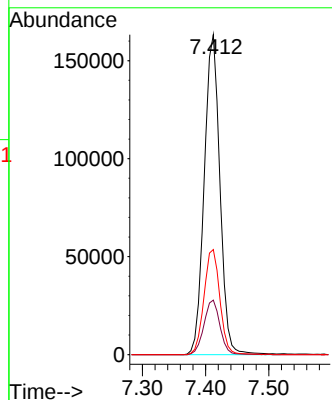
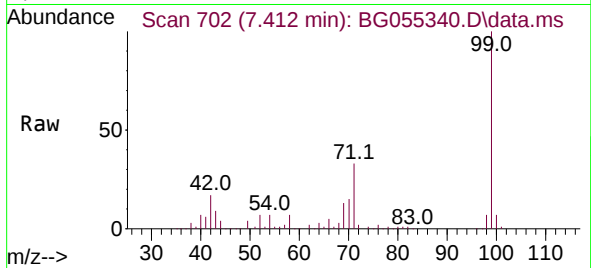




#7
Phenol-d6
Concen: 119.831 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

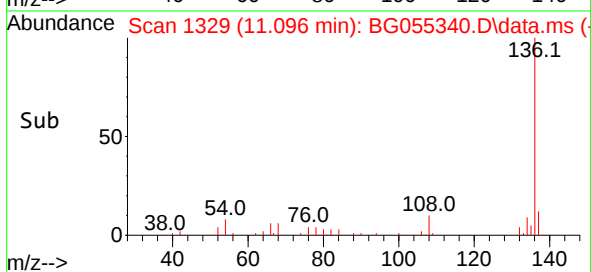
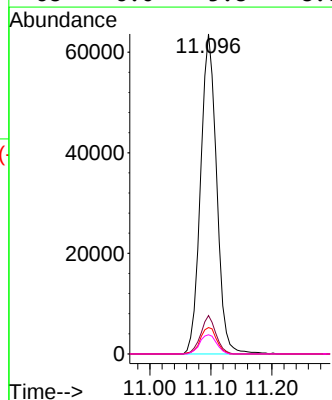
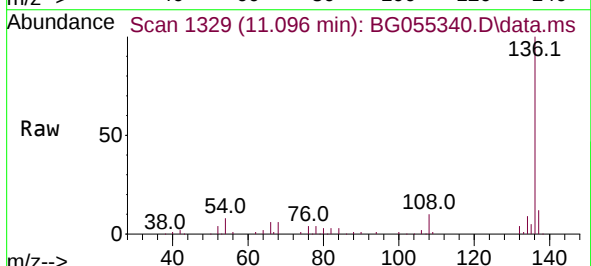
Instrument :
BNA_G
ClientSampleId :
PB148557BL

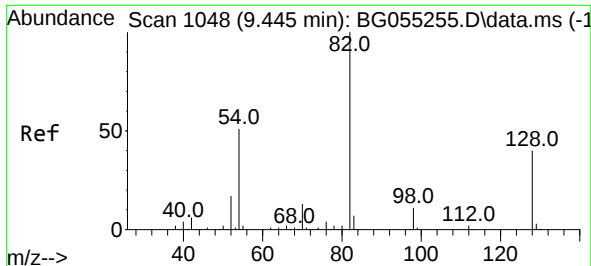
Tgt Ion: 99 Resp: 281316
Ion Ratio Lower Upper
99 100
42 17.0 15.2 22.8
71 32.8 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Tgt Ion:136 Resp: 116154
Ion Ratio Lower Upper
136 100
137 12.0 9.2 13.8
54 8.2 7.8 11.8
68 6.0 5.8 8.6





#23

Nitrobenzene-d5

Concen: 76.352 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BG055340.D

Acq: 28 Oct 2022 13:50

Instrument :

BNA_G

ClientSampleId :

PB148557BL

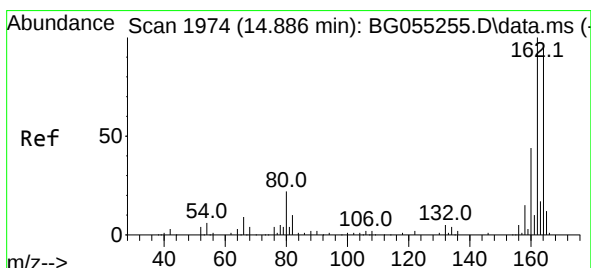
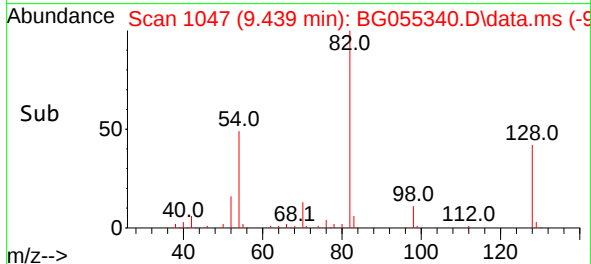
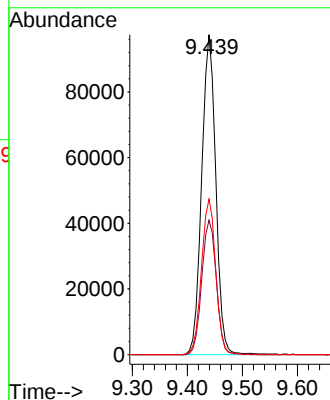
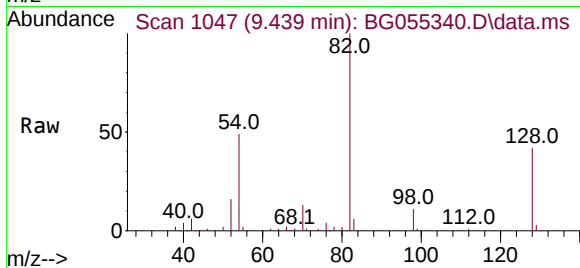
Tgt Ion: 82 Resp: 173678

Ion Ratio Lower Upper

82 100

128 42.0 32.0 48.0

54 48.6 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.880 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BG055340.D

Acq: 28 Oct 2022 13:50

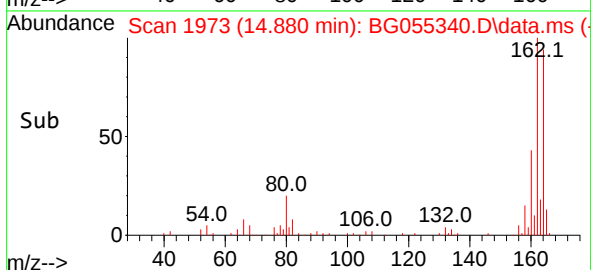
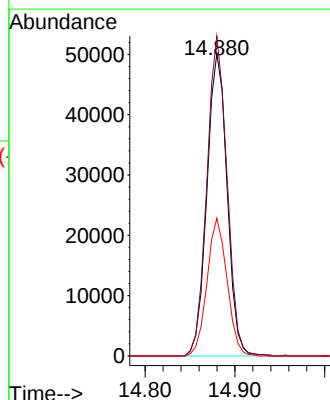
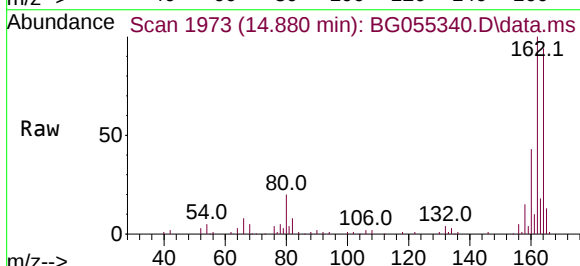
Tgt Ion: 164 Resp: 78159

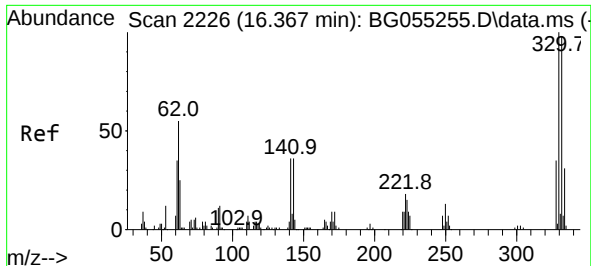
Ion Ratio Lower Upper

164 100

162 105.9 84.0 126.0

160 45.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 152.424 ng

RT: 16.360 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055340.D

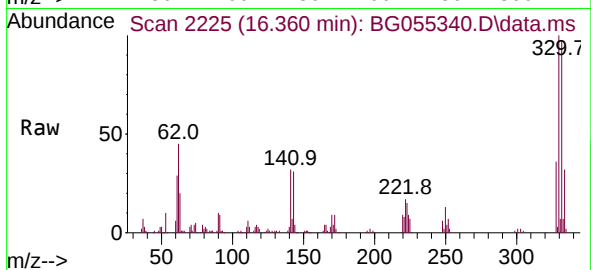
Acq: 28 Oct 2022 13:50

Instrument :

BNA_G

ClientSampleId :

PB148557BL



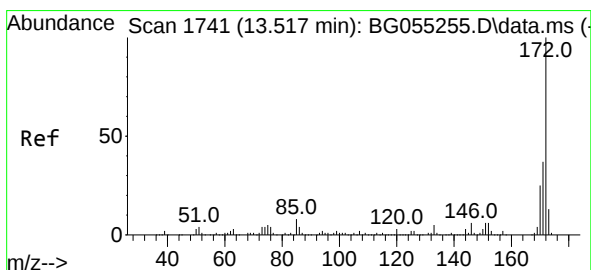
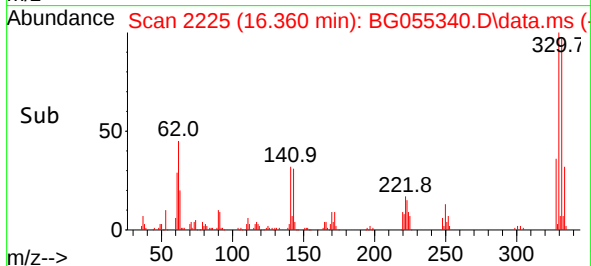
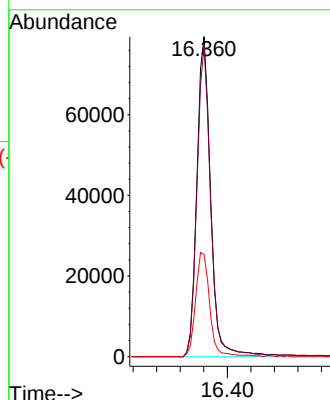
Tgt Ion:330 Resp: 129508

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 33.1 29.8 44.8



#45

2-Fluorobiphenyl

Concen: 85.448 ng

RT: 13.505 min Scan# 1739

Delta R.T. -0.012 min

Lab File: BG055340.D

Acq: 28 Oct 2022 13:50

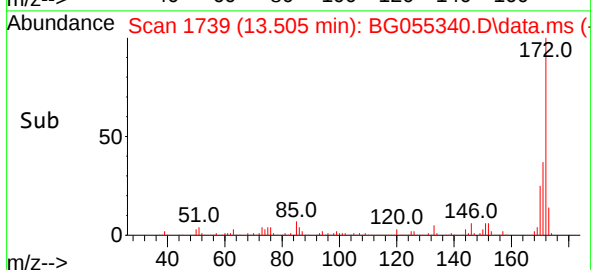
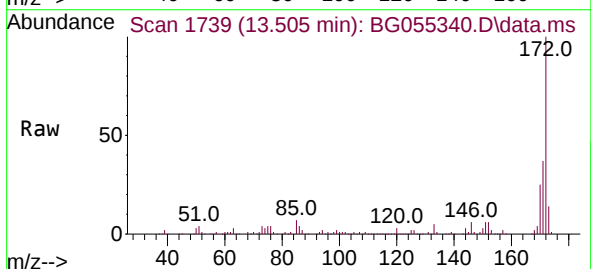
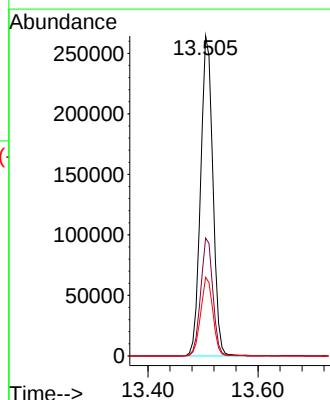
Tgt Ion:172 Resp: 408036

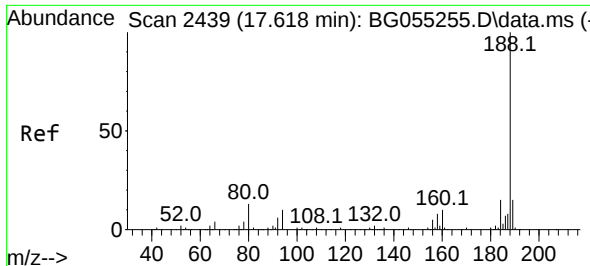
Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

170 24.6 20.2 30.2

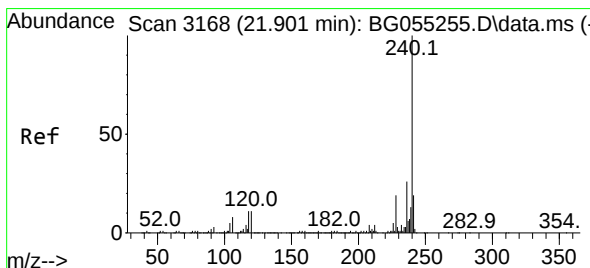
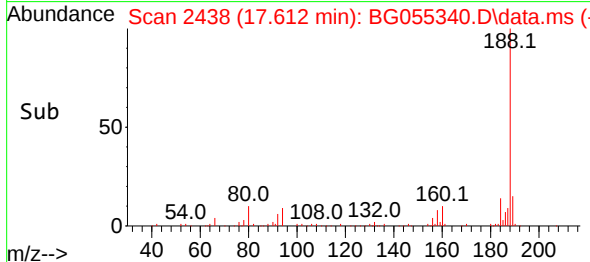
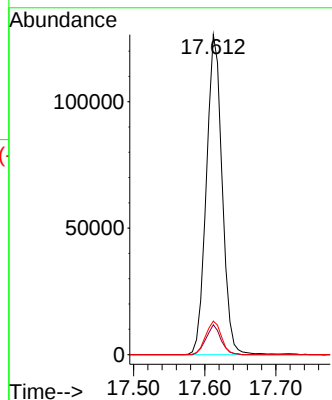
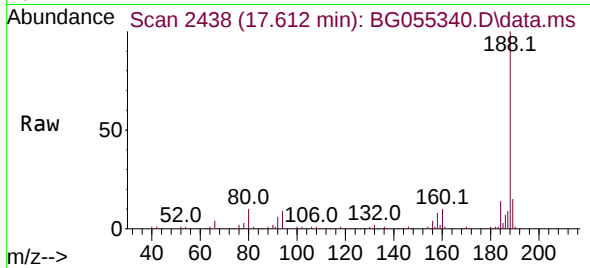




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

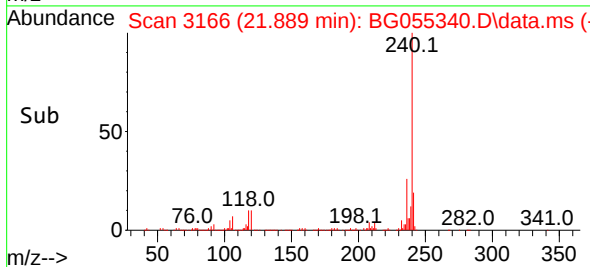
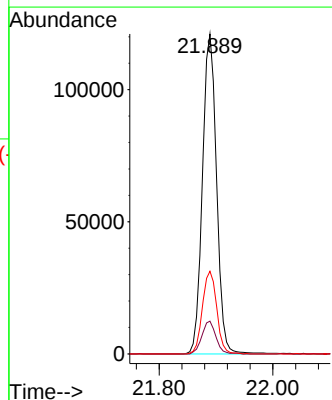
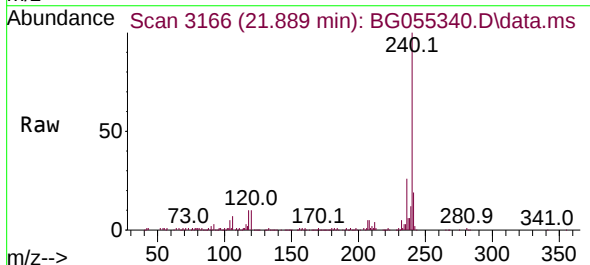
Instrument :
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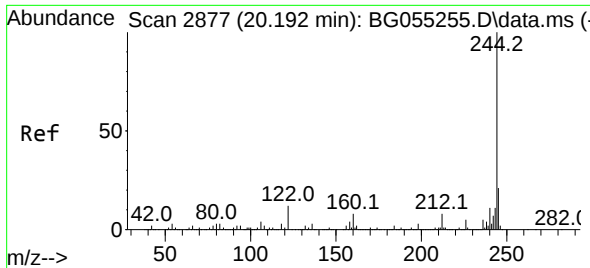
Tgt Ion:188 Resp: 194182
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.4
80 10.5 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055340.D
Acq: 28 Oct 2022 13:50

Tgt Ion:240 Resp: 208140
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.8 21.0 31.4

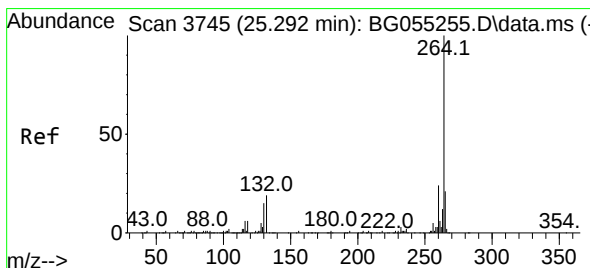
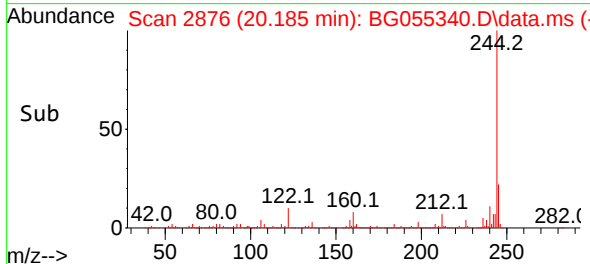
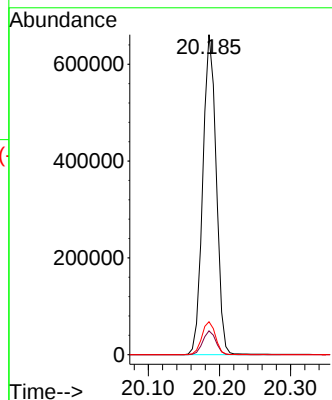
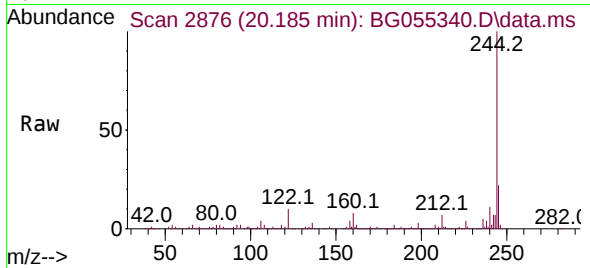




#79
 Terphenyl-d14
 Concen: 86.198 ng
 RT: 20.185 min Scan# 2876
 Delta R.T. -0.006 min
 Lab File: BG055340.D
 Acq: 28 Oct 2022 13:50

Instrument :
 BNA_G
 ClientSampleId :
 PB148557BL

Tgt Ion:244 Resp: 863521
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.285 min Scan# 3744
 Delta R.T. -0.006 min
 Lab File: BG055340.D
 Acq: 28 Oct 2022 13:50

Tgt Ion:264 Resp: 220537
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.0 17.4 26.2

