

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101222\
 Data File : BG055138.D
 Acq On : 12 Oct 2022 11:51
 Operator : CG/JU
 Sample : PB148276BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148276BL

Quant Time: Oct 13 04:48:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.326	152	28841	20.000	ng	-0.01
21) Naphthalene-d8	11.158	136	119636	20.000	ng	-0.01
39) Acenaphthene-d10	14.936	164	92750	20.000	ng	0.00
64) Phenanthrene-d10	17.668	188	244234	20.000	ng	0.00
76) Chrysene-d12	21.957	240	237180	20.000	ng	-0.01
86) Perylene-d12	25.400	264	247284	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.846	112	200354	154.299	ng	0.00
7) Phenol-d6	7.456	99	265414	136.422	ng	0.00
23) Nitrobenzene-d5	9.495	82	164108	81.966	ng	-0.01
42) 2,4,6-Tribromophenol	16.410	330	165778	169.965	ng	0.00
45) 2-Fluorobiphenyl	13.567	172	448591	75.505	ng	0.00
79) Terphenyl-d14	20.241	244	960946	81.889	ng	-0.01

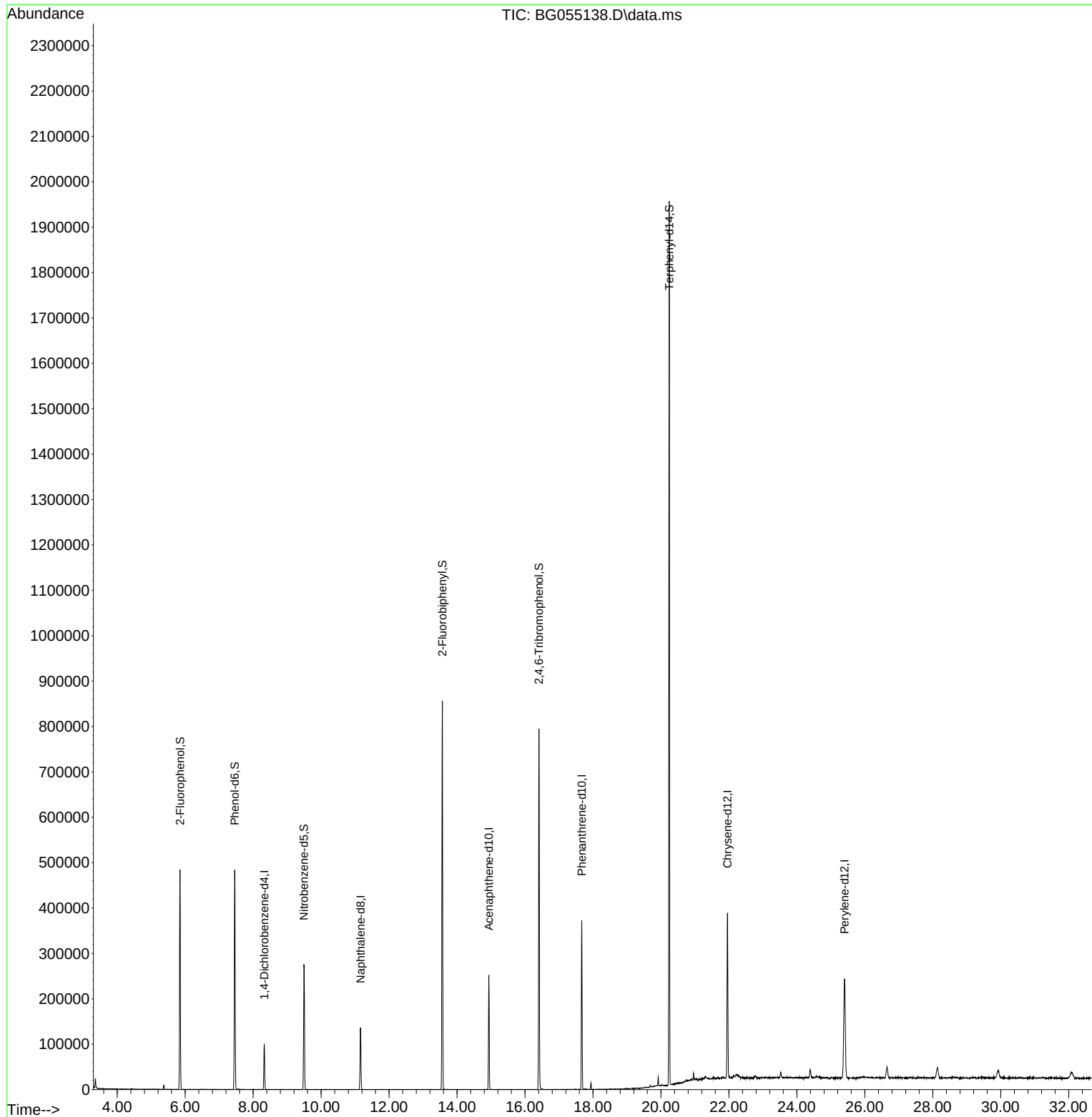
Target Compounds	Qvalue

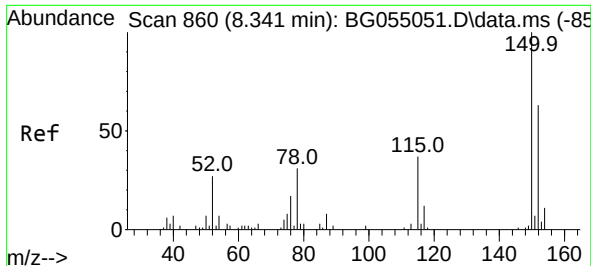
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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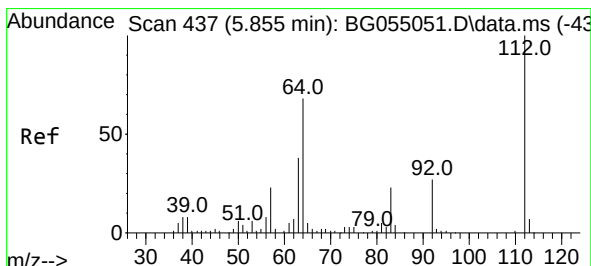
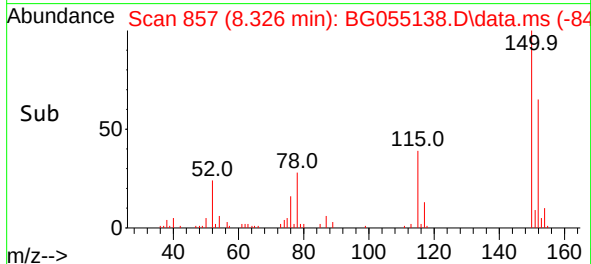
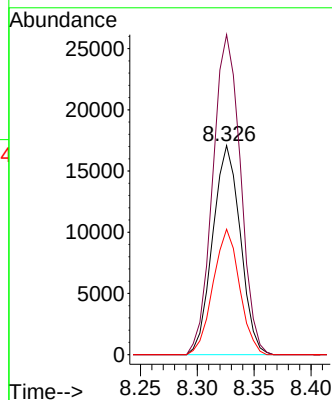
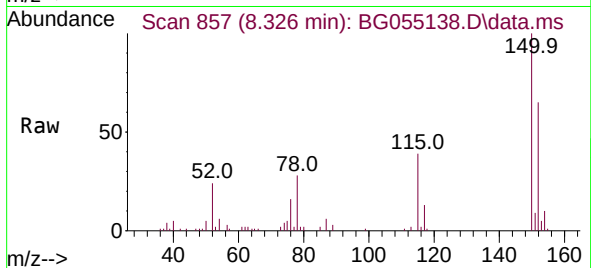




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.326 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

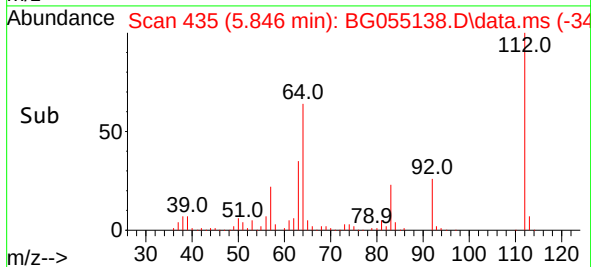
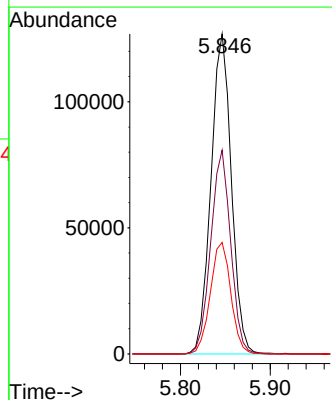
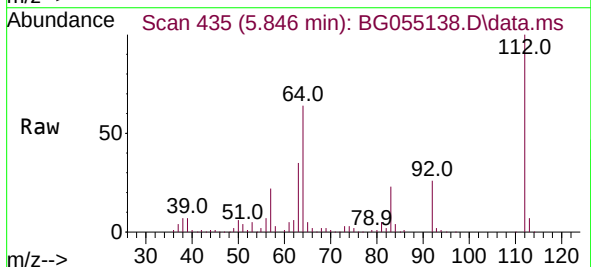
Instrument :
BNA_G
ClientSampleId :
PB148276BL

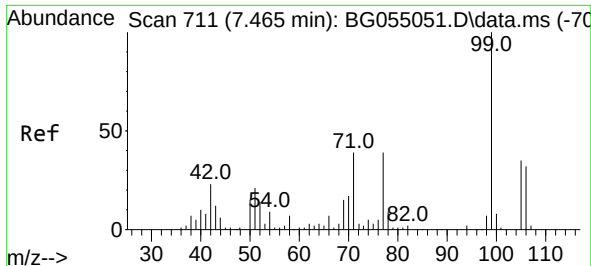
Tgt Ion:152 Resp: 28841
Ion Ratio Lower Upper
152 100
150 153.1 128.0 192.0
115 59.9 47.7 71.5



#5
2-Fluorophenol
Concen: 154.299 ng
RT: 5.846 min Scan# 435
Delta R.T. -0.006 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

Tgt Ion:112 Resp: 200354
Ion Ratio Lower Upper
112 100
64 63.7 54.5 81.7
63 34.8 30.5 45.7

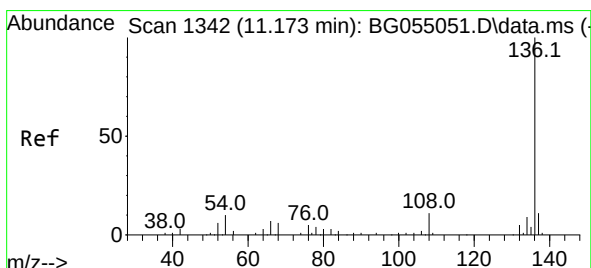
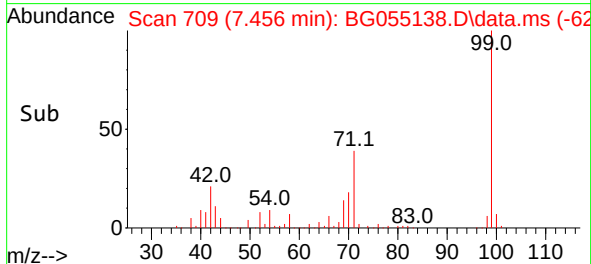
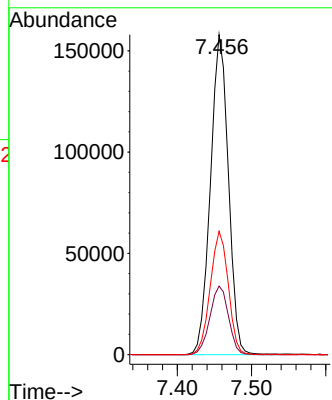
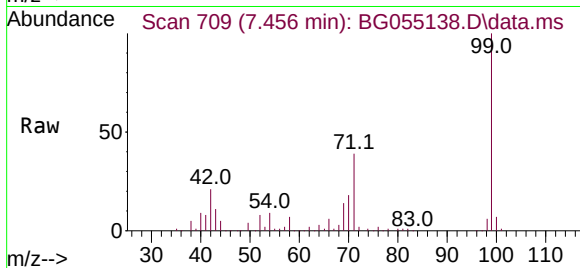




#7
Phenol-d6
Concen: 136.422 ng
RT: 7.456 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

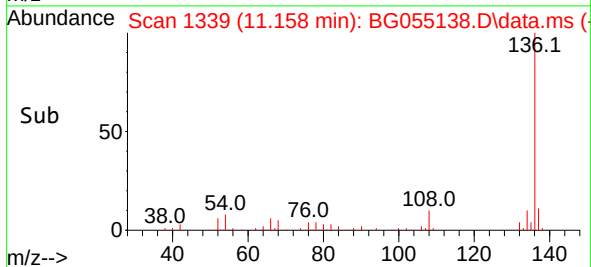
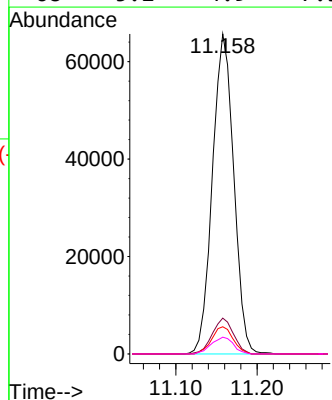
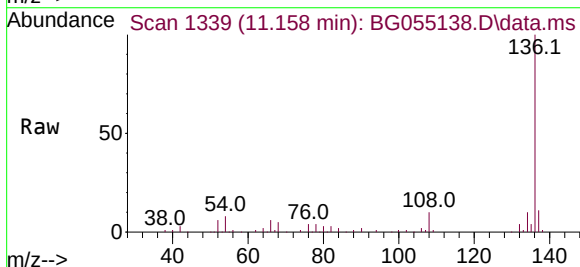
Instrument :
BNA_G
ClientSampleId :
PB148276BL

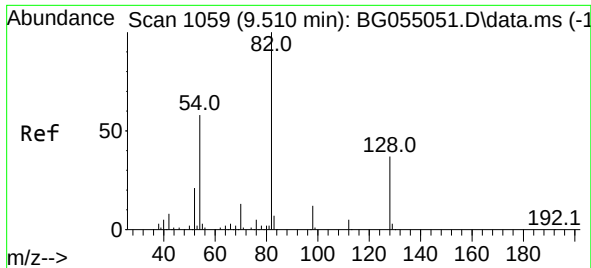
Tgt Ion: 99 Resp: 265414
Ion Ratio Lower Upper
99 100
42 21.4 18.6 28.0
71 38.5 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.158 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

Tgt Ion:136 Resp: 119636
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.5 8.2 12.4
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 81.966 ng

RT: 9.495 min Scan# 1056

Delta R.T. -0.012 min

Lab File: BG055138.D

Acq: 12 Oct 2022 11:51

Instrument :

BNA_G

ClientSampleId :

PB148276BL

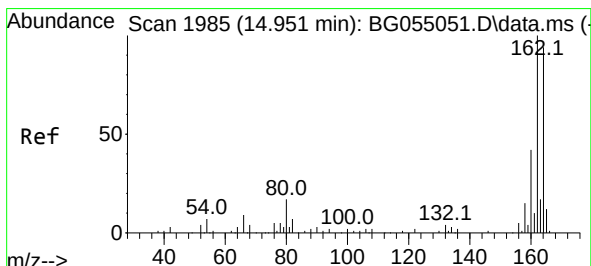
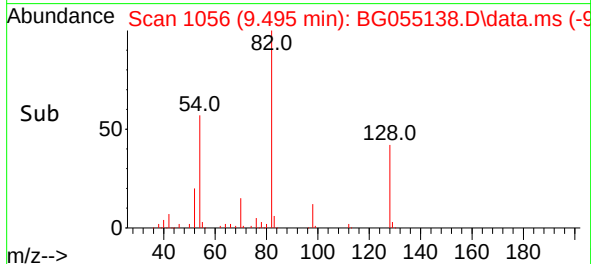
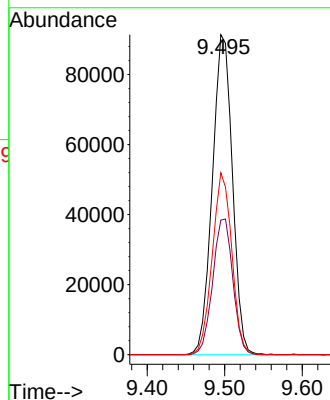
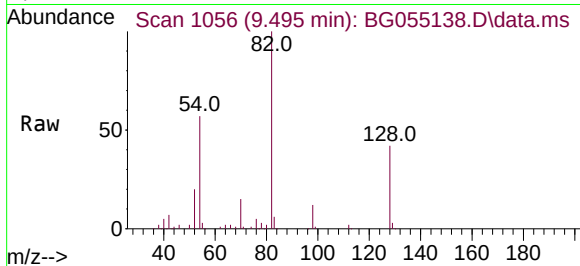
Tgt Ion: 82 Resp: 164108

Ion Ratio Lower Upper

82 100

128 42.0 29.5 44.3

54 56.8 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.936 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BG055138.D

Acq: 12 Oct 2022 11:51

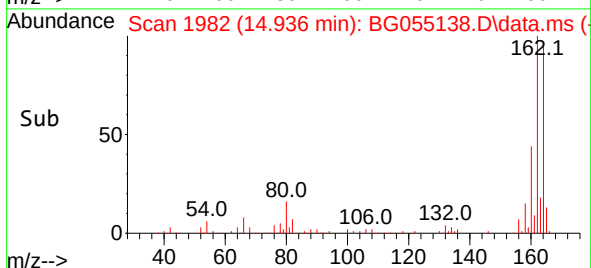
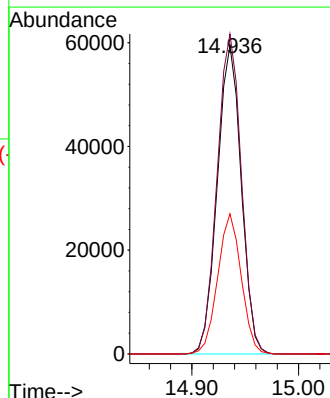
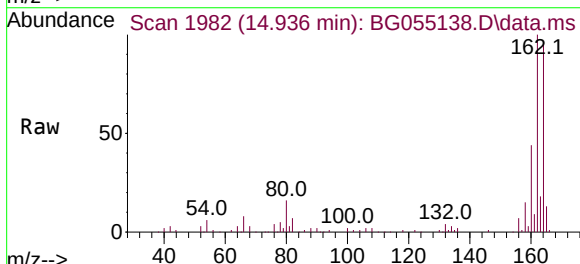
Tgt Ion: 164 Resp: 92750

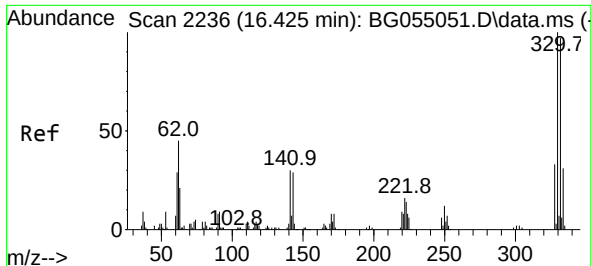
Ion Ratio Lower Upper

164 100

162 103.7 85.5 128.3

160 45.4 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 169.965 ng

RT: 16.410 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055138.D

Acq: 12 Oct 2022 11:51

Instrument :

BNA_G

ClientSampleId :

PB148276BL

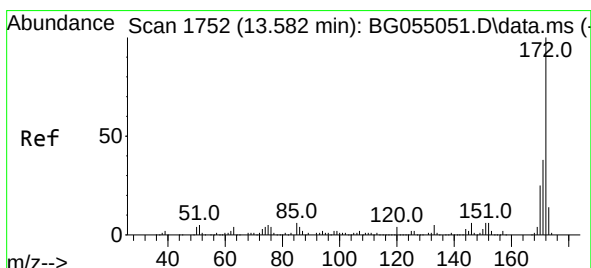
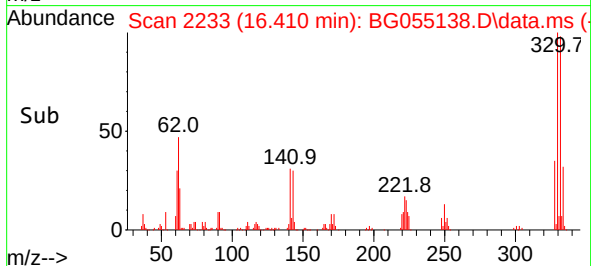
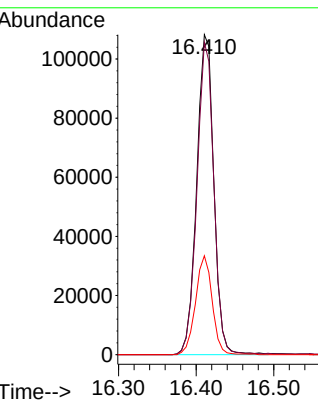
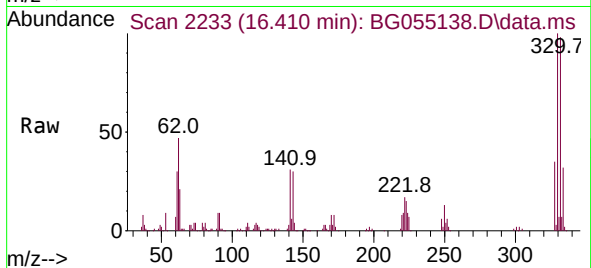
Tgt Ion:330 Resp: 165778

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 30.1 25.0 37.4



#45

2-Fluorobiphenyl

Concen: 75.505 ng

RT: 13.567 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BG055138.D

Acq: 12 Oct 2022 11:51

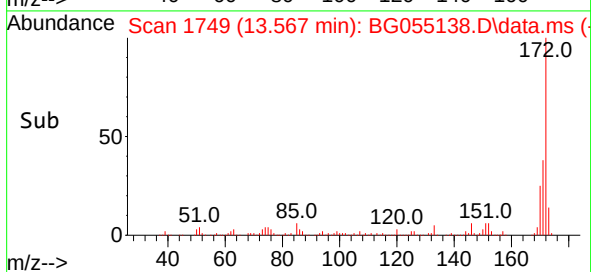
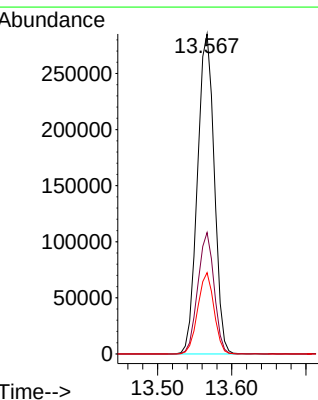
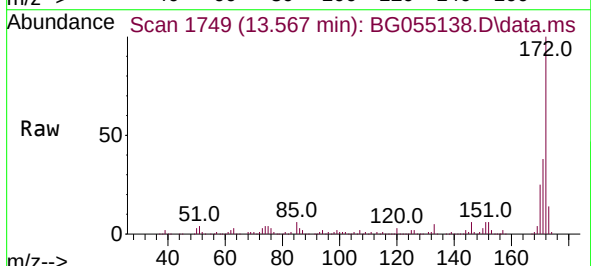
Tgt Ion:172 Resp: 448591

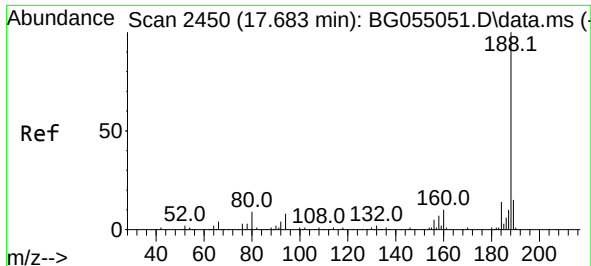
Ion Ratio Lower Upper

172 100

171 37.9 30.1 45.1

170 25.4 20.0 30.0

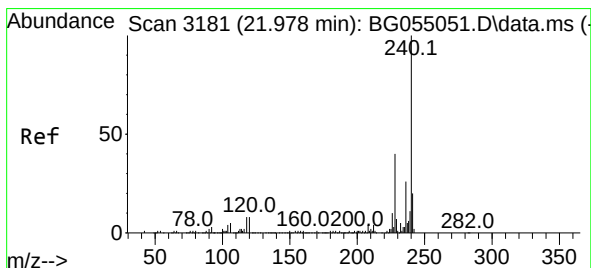
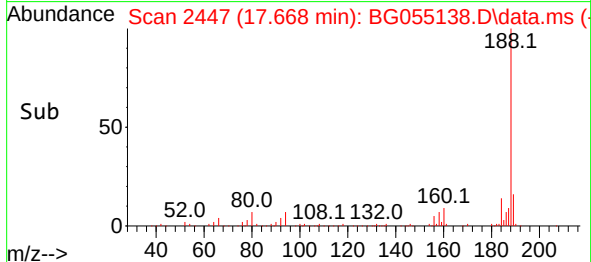
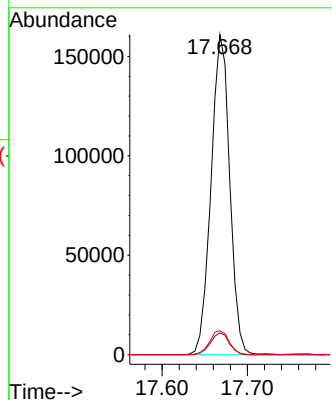
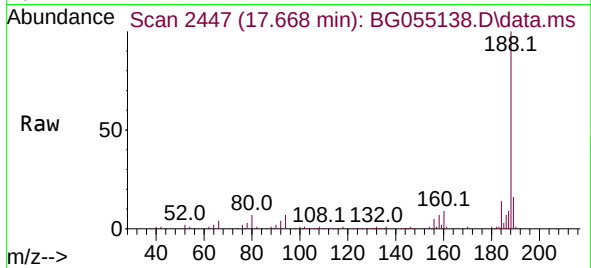




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.668 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

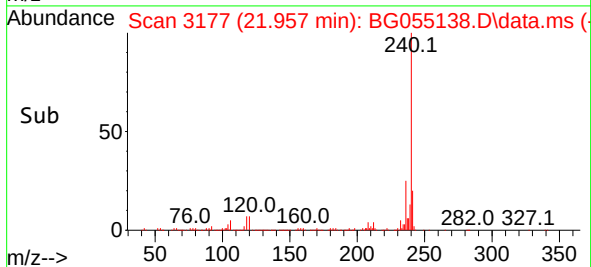
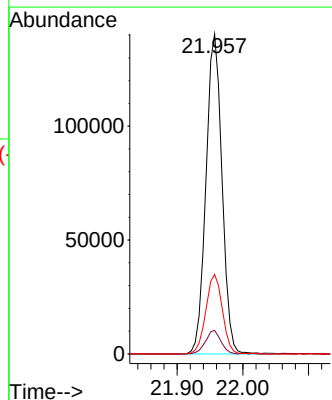
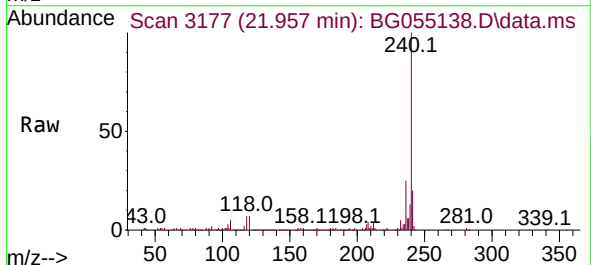
Instrument :
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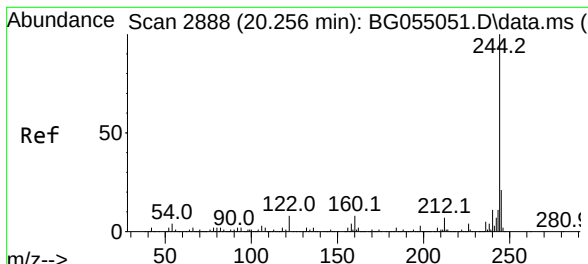
Tgt Ion:188 Resp: 244234
Ion Ratio Lower Upper
188 100
94 6.8 6.2 9.2
80 7.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.957 min Scan# 3177
Delta R.T. -0.012 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

Tgt Ion:240 Resp: 237180
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 24.8 20.6 30.8



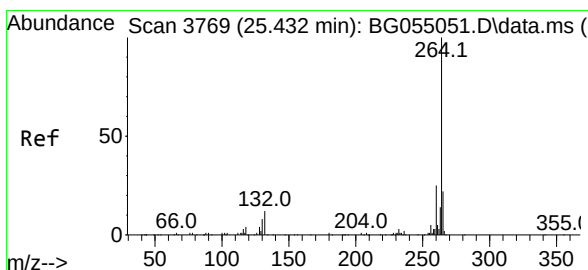
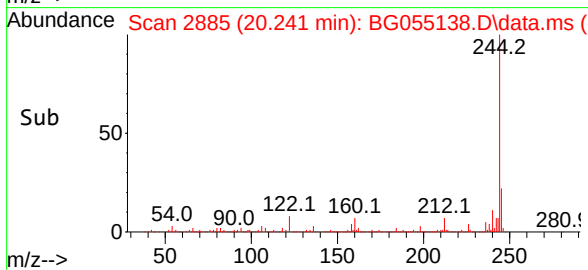
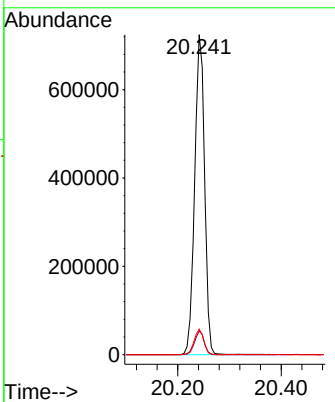
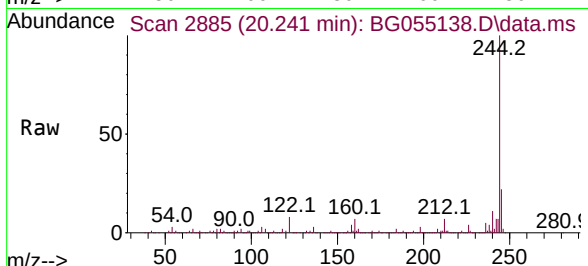


#79
 Terphenyl-d14
 Concen: 81.889 ng
 RT: 20.241 min Scan# 2885
 Delta R.T. -0.012 min
 Lab File: BG055138.D
 Acq: 12 Oct 2022 11:51

Instrument :
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 ClientSampleId :
 PB148276BL

Tgt Ion:244 Resp: 960946

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	8.0	6.6	10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.400 min Scan# 3763
 Delta R.T. -0.018 min
 Lab File: BG055138.D
 Acq: 12 Oct 2022 11:51

Tgt Ion:264 Resp: 247284

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.0	17.8	26.6

