

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055152.D
 Acq On : 13 Oct 2022 00:00
 Operator : CG/JU
 Sample : PB148287BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148287BL

Quant Time: Oct 13 05:39:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.301	152	24384	20.000	ng	0.00
21) Naphthalene-d8	11.127	136	108525	20.000	ng	0.00
39) Acenaphthene-d10	14.905	164	83386	20.000	ng	0.00
64) Phenanthrene-d10	17.637	188	235862	20.000	ng	0.00
76) Chrysene-d12	21.921	240	275794	20.000	ng	0.00
86) Perylene-d12	25.334	264	283304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	173115	138.901	ng	0.00
7) Phenol-d6	7.432	99	235599	127.789	ng	0.00
23) Nitrobenzene-d5	9.471	82	147248	72.758	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	143472	119.744	ng	0.00
45) 2-Fluorobiphenyl	13.536	172	380584	74.557	ng	0.00
79) Terphenyl-d14	20.217	244	1046211	76.401	ng	0.00

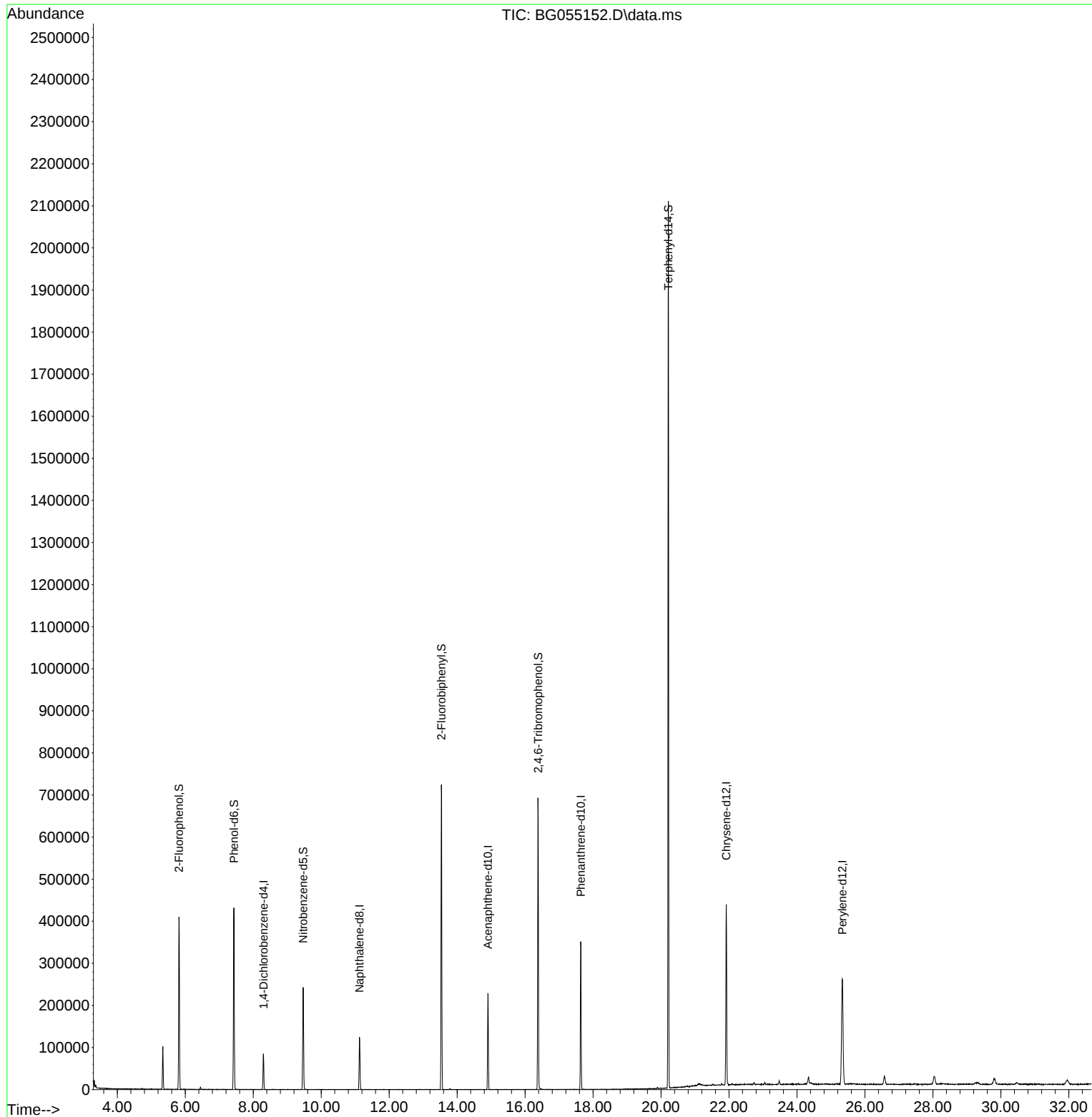
Target Compounds Qvalue

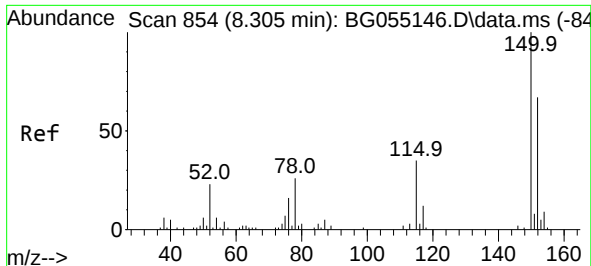
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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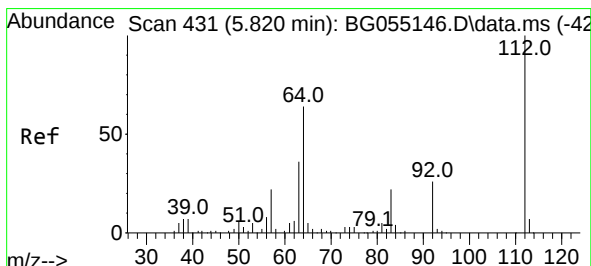
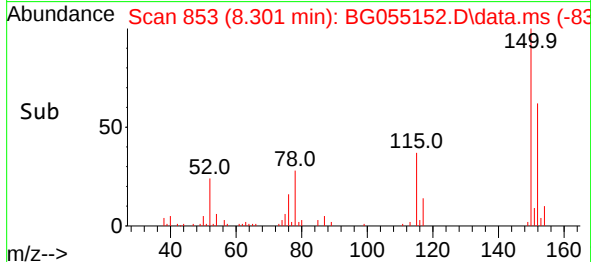
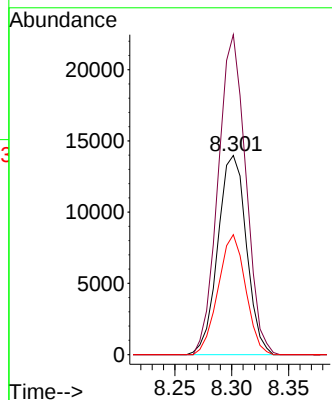
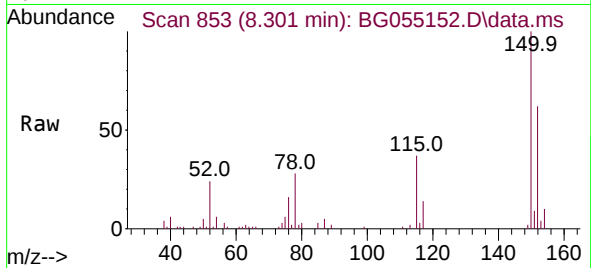




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.301 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

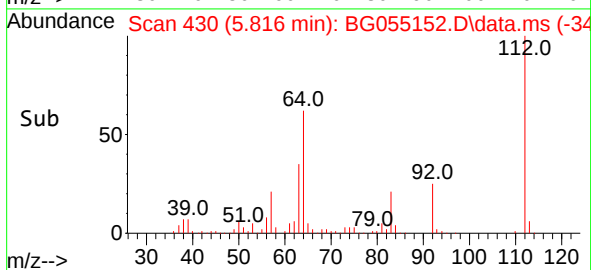
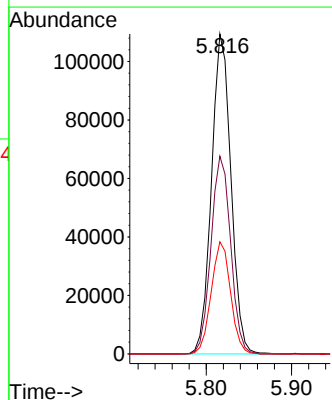
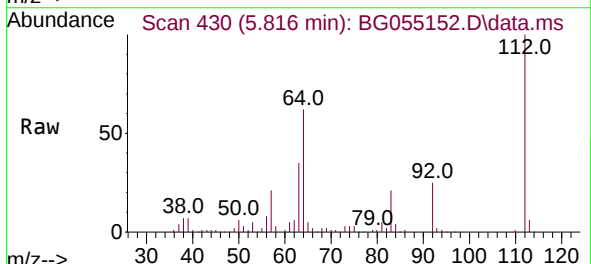
Instrument :
BNA_G
ClientSampleId :
PB148287BL

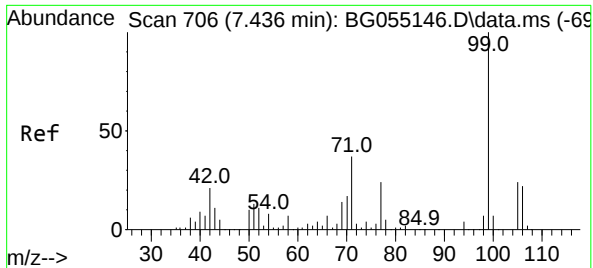
Tgt Ion:152 Resp: 24384
Ion Ratio Lower Upper
152 100
150 160.7 119.7 179.5
115 60.2 42.4 63.6



#5
2-Fluorophenol
Concen: 138.901 ng
RT: 5.816 min Scan# 430
Delta R.T. -0.004 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

Tgt Ion:112 Resp: 173115
Ion Ratio Lower Upper
112 100
64 61.8 50.9 76.3
63 35.0 29.0 43.6

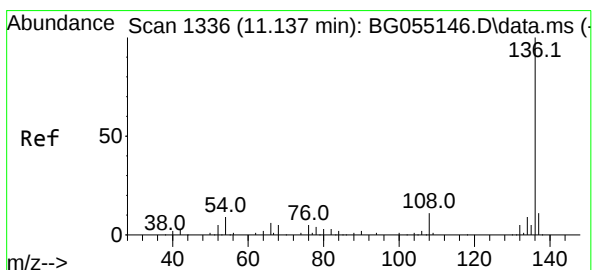
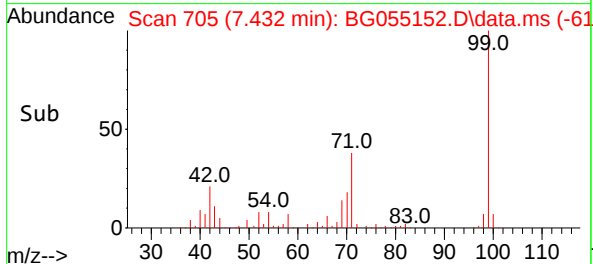
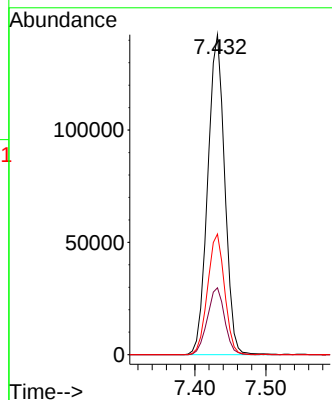
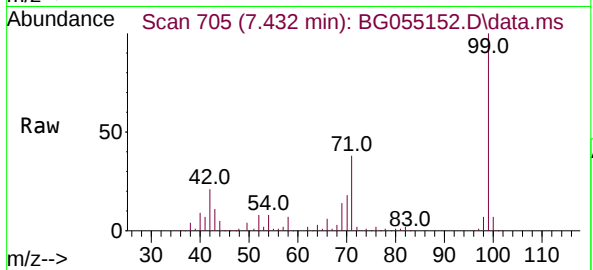




#7
Phenol-d6
Concen: 127.789 ng
RT: 7.432 min Scan# 706
Delta R.T. -0.004 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

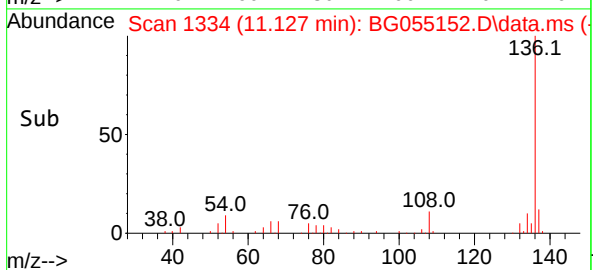
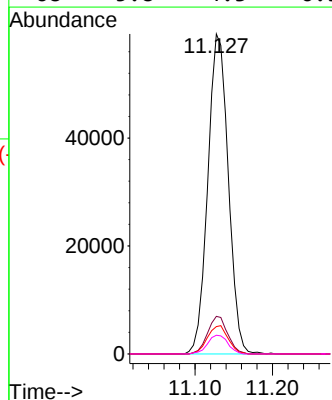
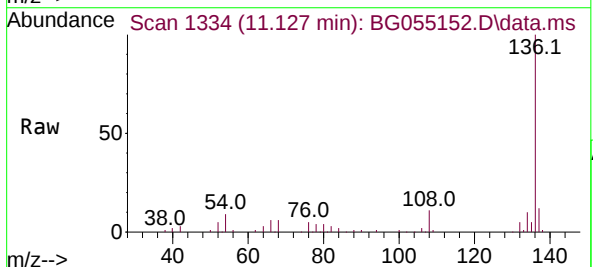
Instrument :
BNA_G
ClientSampleId :
PB148287BL

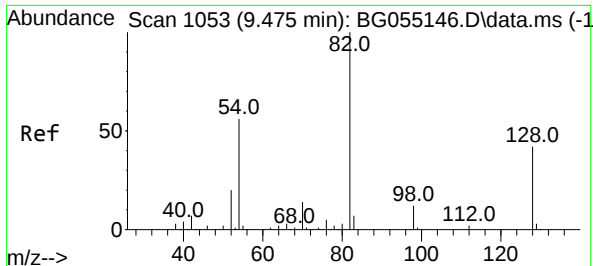
Tgt Ion: 99 Resp: 235599
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 37.7 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.127 min Scan# 1334
Delta R.T. -0.010 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

Tgt Ion: 136 Resp: 108525
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 8.5 7.0 10.6
68 5.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 72.758 ng

RT: 9.471 min Scan# 10

Delta R.T. -0.004 min

Lab File: BG055152.D

Acq: 13 Oct 2022 00:00

Instrument :

BNA_G

ClientSampleId :

PB148287BL

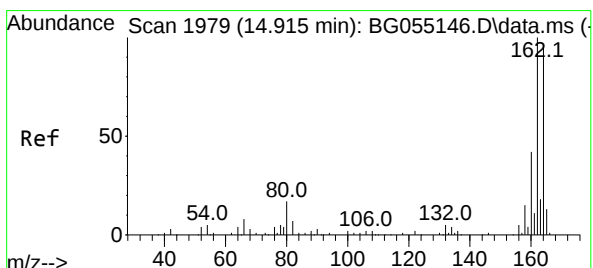
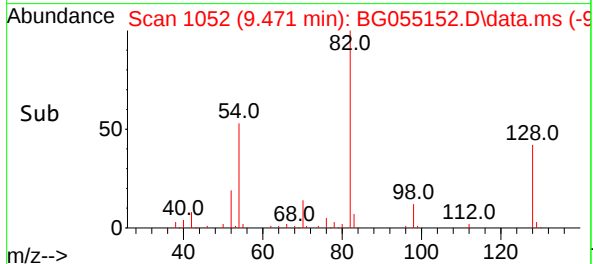
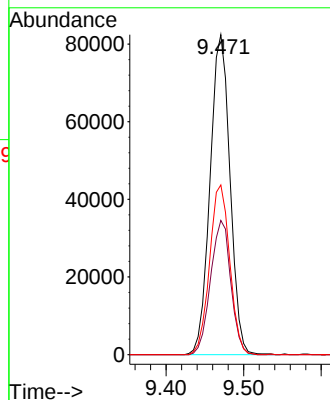
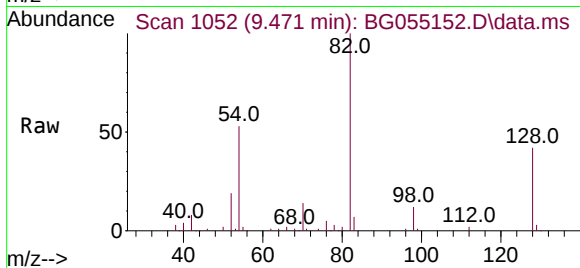
Tgt Ion: 82 Resp: 147248

Ion Ratio Lower Upper

82 100

128 41.9 33.5 50.3

54 53.1 44.7 67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.905 min Scan# 1977

Delta R.T. -0.010 min

Lab File: BG055152.D

Acq: 13 Oct 2022 00:00

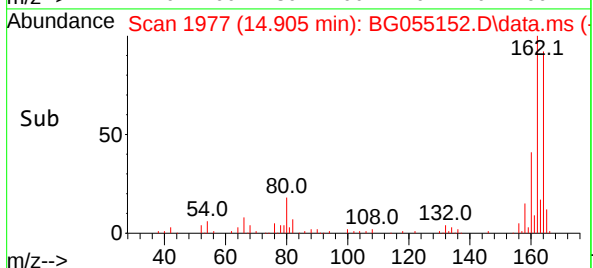
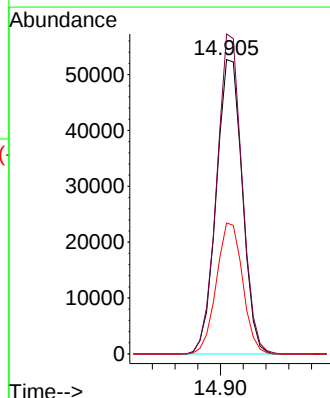
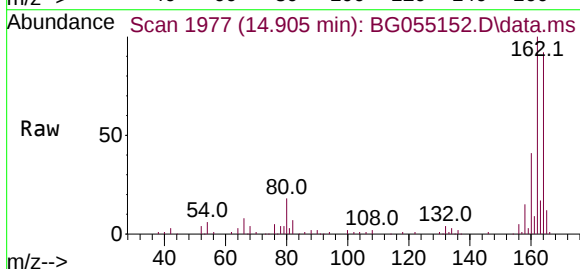
Tgt Ion:164 Resp: 83386

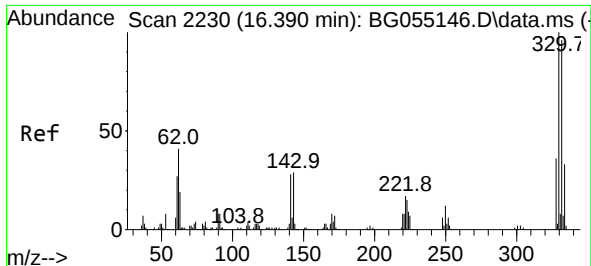
Ion Ratio Lower Upper

164 100

162 108.7 83.3 124.9

160 44.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 119.744 ng

RT: 16.386 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG055152.D

Acq: 13 Oct 2022 00:00

Instrument :

BNA_G

ClientSampleId :

PB148287BL

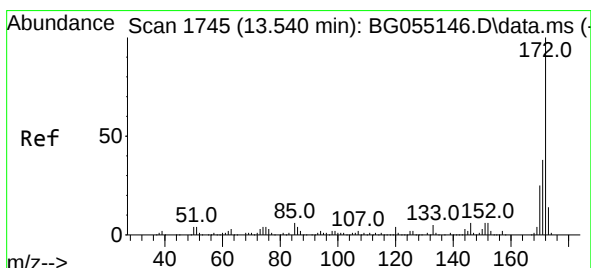
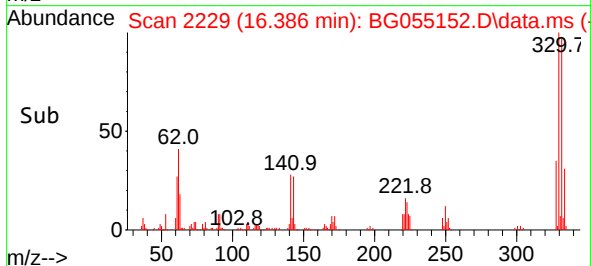
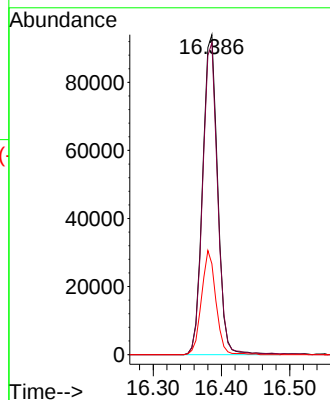
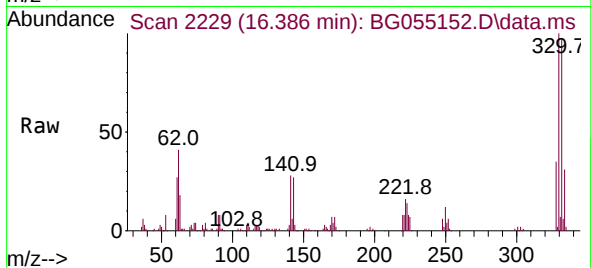
Tgt Ion:330 Resp: 143472

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 31.1 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 74.557 ng

RT: 13.536 min Scan# 1744

Delta R.T. -0.004 min

Lab File: BG055152.D

Acq: 13 Oct 2022 00:00

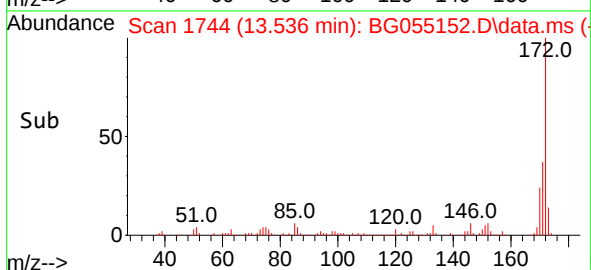
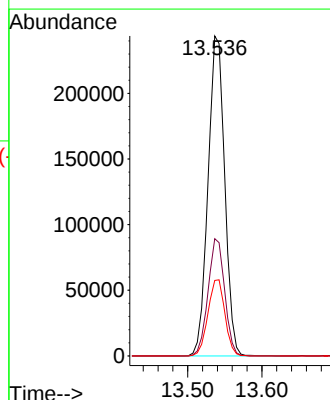
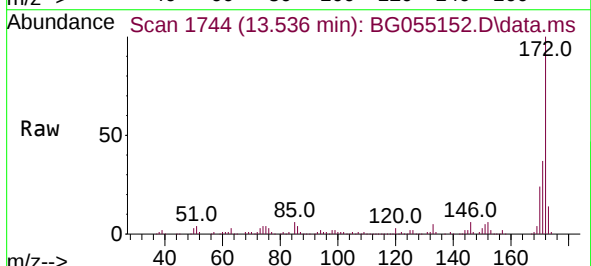
Tgt Ion:172 Resp: 380584

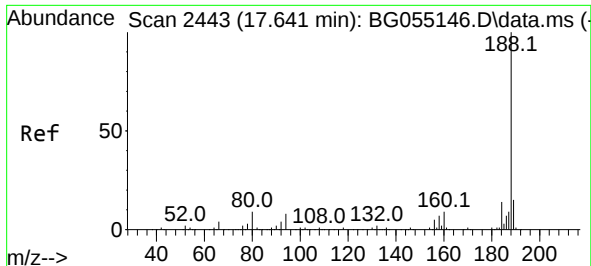
Ion Ratio Lower Upper

172 100

171 36.7 30.1 45.1

170 23.6 19.8 29.6

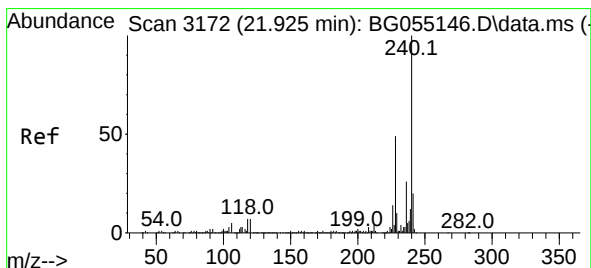
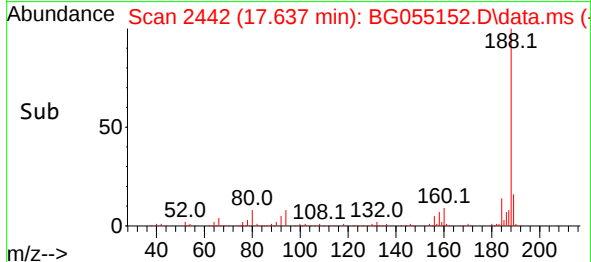
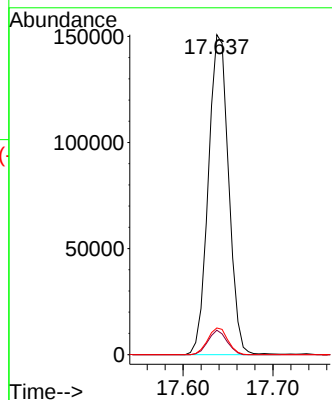
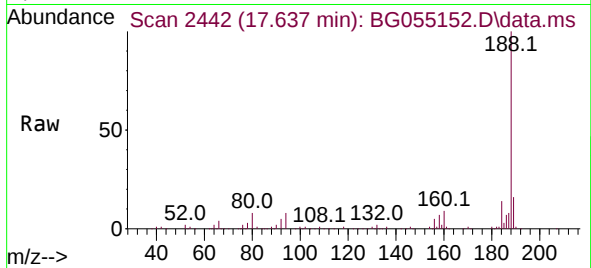




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.637 min Scan# 2442
Delta R.T. -0.004 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

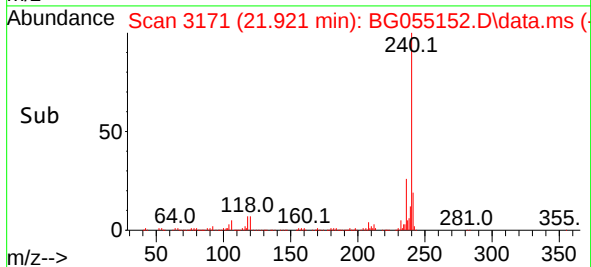
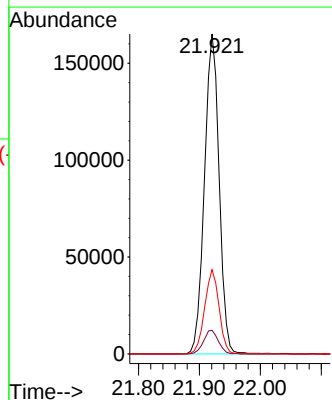
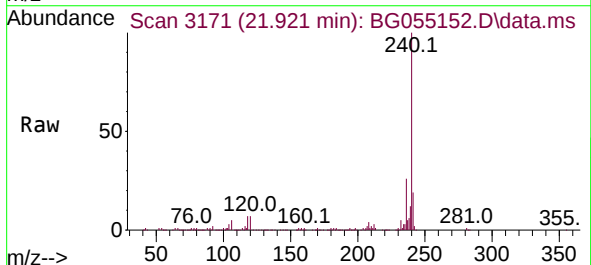
Instrument :
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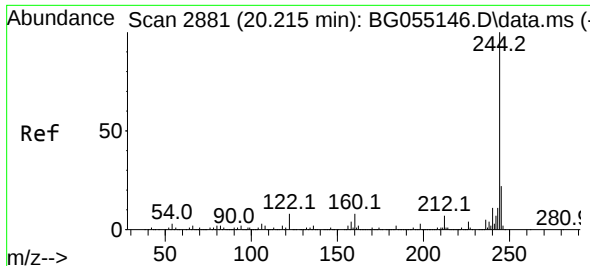
Tgt Ion:188 Resp: 235862
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.3 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.921 min Scan# 3171
Delta R.T. -0.004 min
Lab File: BG055152.D
Acq: 13 Oct 2022 00:00

Tgt Ion:240 Resp: 275794
Ion Ratio Lower Upper
240 100
120 7.4 5.4 8.0
236 26.3 20.6 31.0





#79

Terphenyl-d14

Concen: 76.401 ng

RT: 20.217 min Scan# 2881

Delta R.T. 0.002 min

Lab File: BG055152.D

Acq: 13 Oct 2022 00:00

Instrument :

BNA_G

ClientSampleId :

PB148287BL

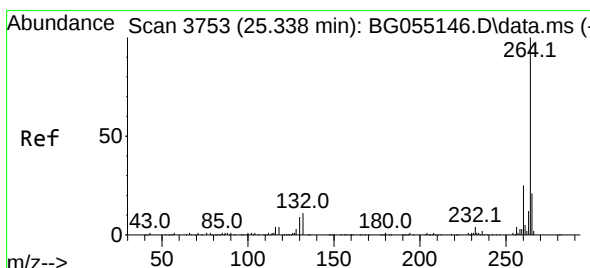
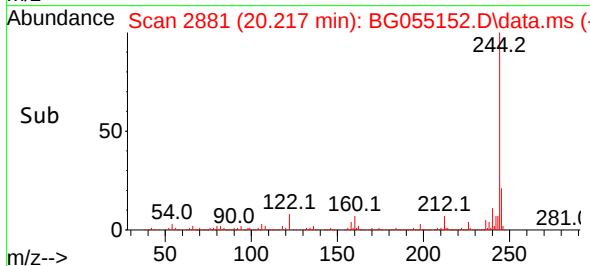
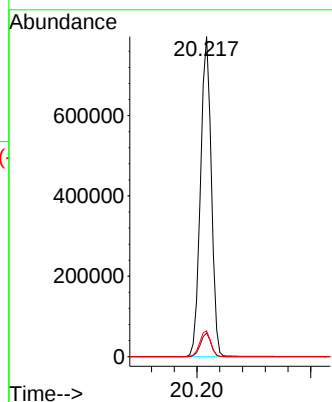
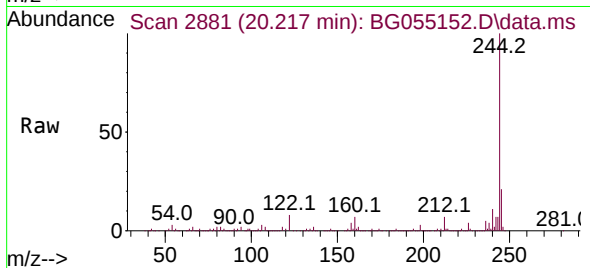
Tgt Ion:244 Resp: 1046211

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 8.0 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.334 min Scan# 3752

Delta R.T. -0.004 min

Lab File: BG055152.D

Acq: 13 Oct 2022 00:00

Tgt Ion:264 Resp: 283304

Ion Ratio Lower Upper

264 100

260 23.9 20.1 30.1

265 22.1 16.8 25.2

