

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055161.D
 Acq On : 13 Oct 2022 13:04
 Operator : CG/JU
 Sample : N5105-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-7

Quant Time: Oct 14 01:22:48 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	8.299	152	31530	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	135224	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	99204	20.000	ng	0.00
64) Phenanthrene-d10	17.641	188	240839	20.000	ng	0.00
76) Chrysene-d12	21.924	240	236323	20.000	ng	0.00
86) Perylene-d12	25.349	264	253222	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.819	112	240396	149.169	ng	0.00
7) Phenol-d6	7.429	99	329971	138.413	ng	0.00
23) Nitrobenzene-d5	9.474	82	210580	83.508	ng	0.00
42) 2,4,6-Tribromophenol	16.383	330	188376	132.152	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	517204	85.166	ng	0.00
79) Terphenyl-d14	20.220	244	917994	78.234	ng	0.00

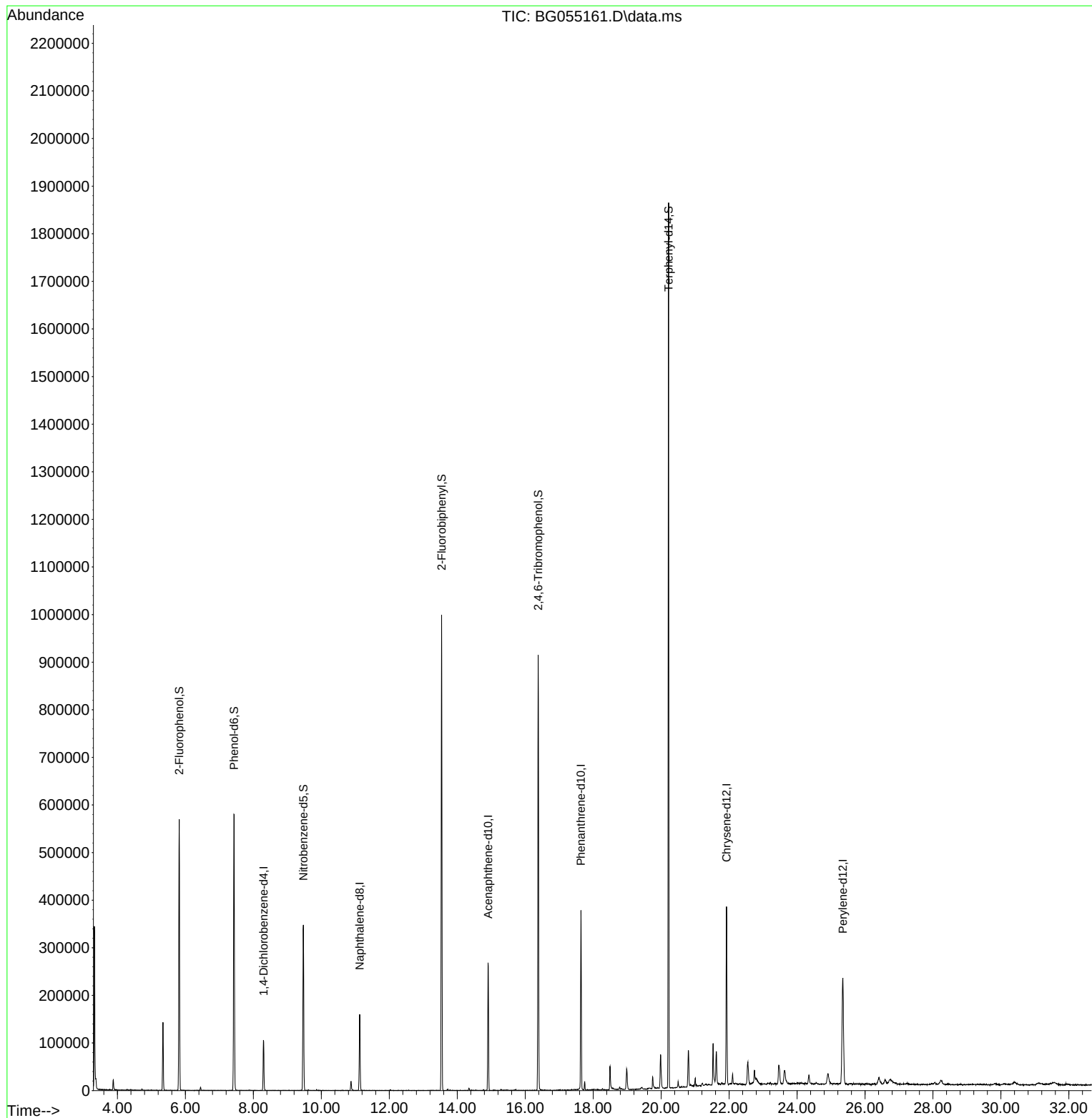
Target Compounds	Qvalue

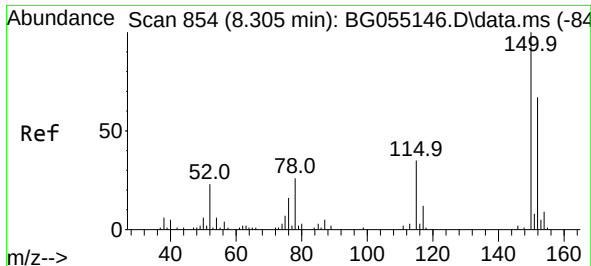
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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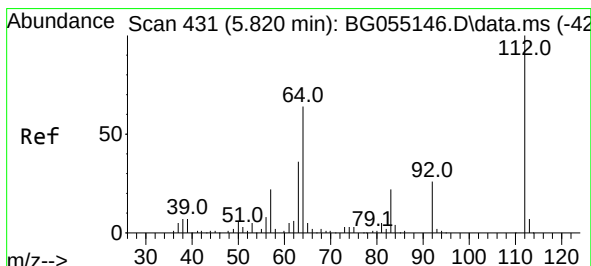
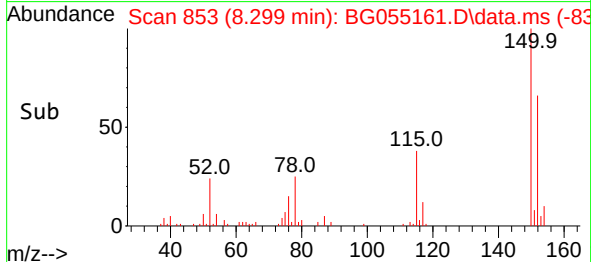
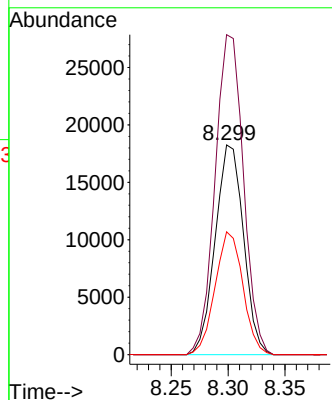
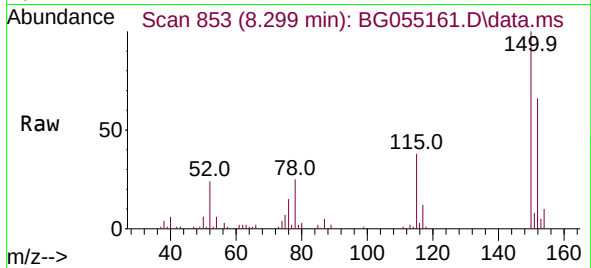




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.299 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

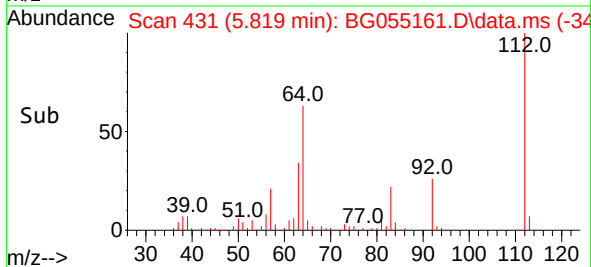
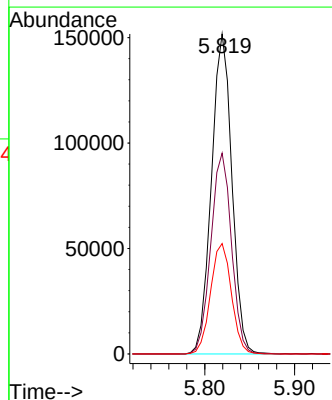
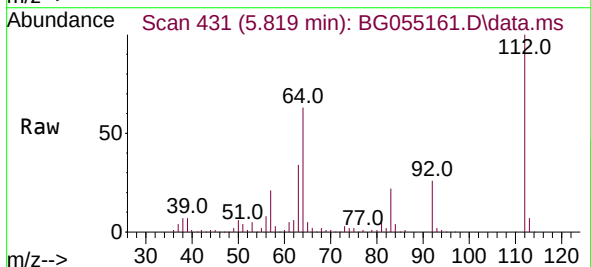
Instrument :
BNA_G
ClientSampleId :
WC-7

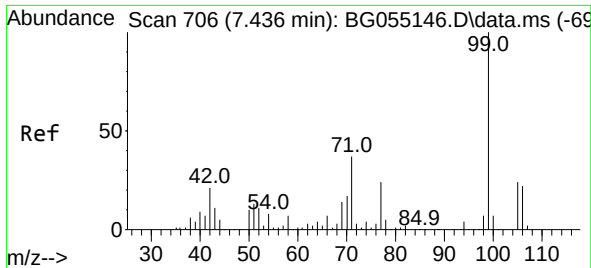
Tgt Ion:152 Resp: 31530
Ion Ratio Lower Upper
152 100
150 152.6 119.7 179.5
115 58.6 42.4 63.6



#5
2-Fluorophenol
Concen: 149.169 ng
RT: 5.819 min Scan# 431
Delta R.T. -0.001 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

Tgt Ion:112 Resp: 240396
Ion Ratio Lower Upper
112 100
64 62.7 50.9 76.3
63 34.5 29.0 43.6

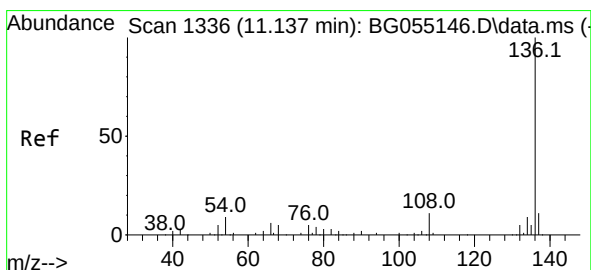
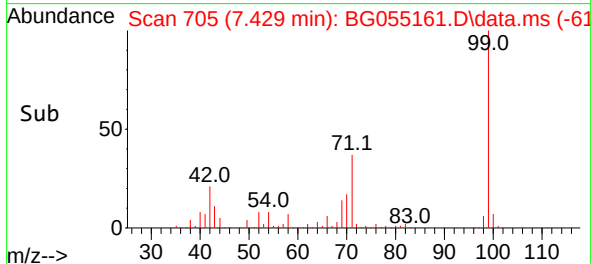
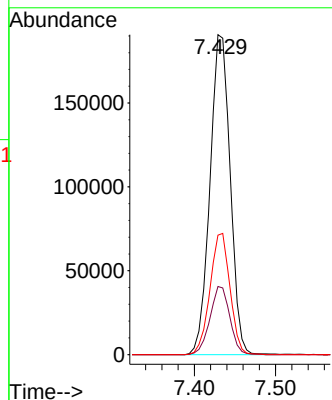
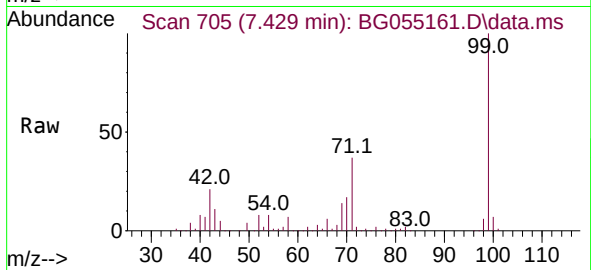




#7
Phenol-d6
Concen: 138.413 ng
RT: 7.429 min Scan# 706
Delta R.T. -0.007 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

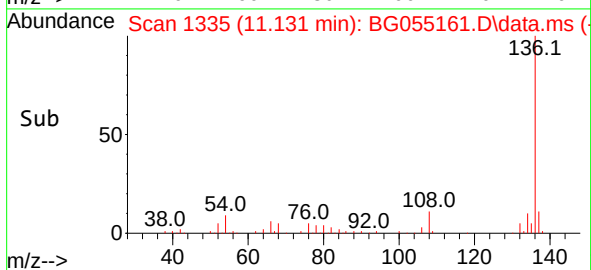
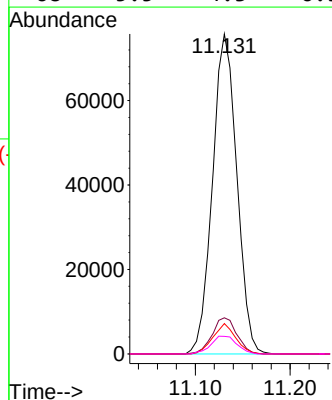
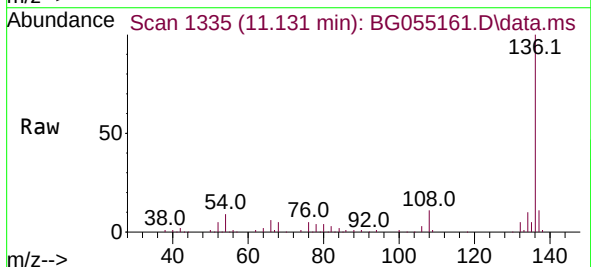
Instrument :
BNA_G
ClientSampleId :
WC-7

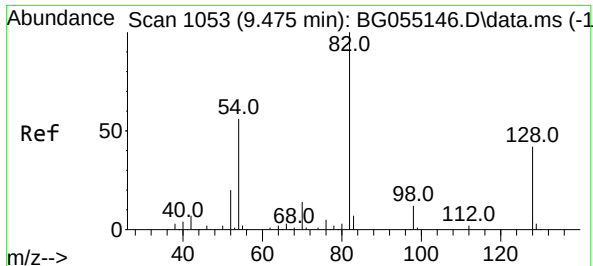
Tgt Ion: 99 Resp: 329971
Ion Ratio Lower Upper
99 100
42 21.3 16.6 25.0
71 37.3 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.131 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

Tgt Ion:136 Resp: 135224
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.5 7.0 10.6
68 5.5 4.3 6.5





#23

Nitrobenzene-d5

Concen: 83.508 ng

RT: 9.474 min Scan# 10

Delta R.T. -0.001 min

Lab File: BG055161.D

Acq: 13 Oct 2022 13:04

Instrument :

BNA_G

ClientSampleId :

WC-7

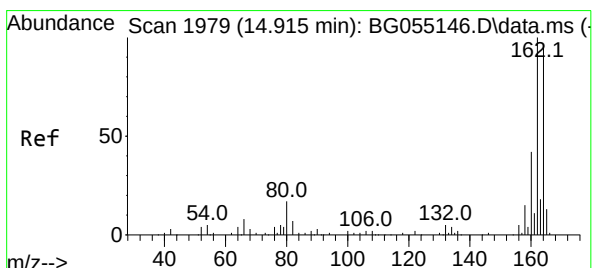
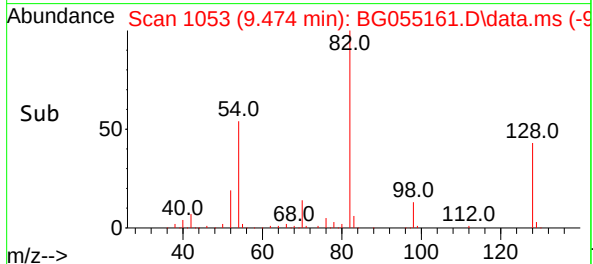
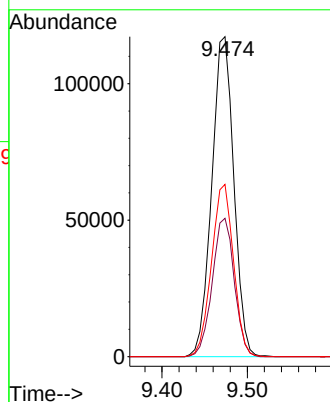
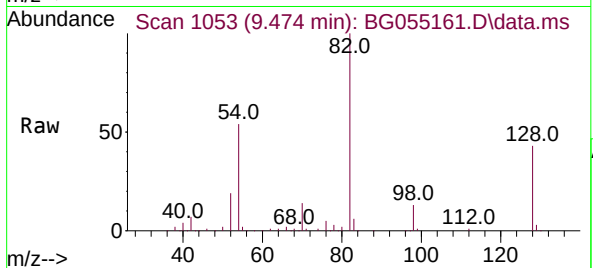
Tgt Ion: 82 Resp: 210580

Ion Ratio Lower Upper

82 100

128 43.2 33.5 50.3

54 53.8 44.7 67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.909 min Scan# 1978

Delta R.T. -0.007 min

Lab File: BG055161.D

Acq: 13 Oct 2022 13:04

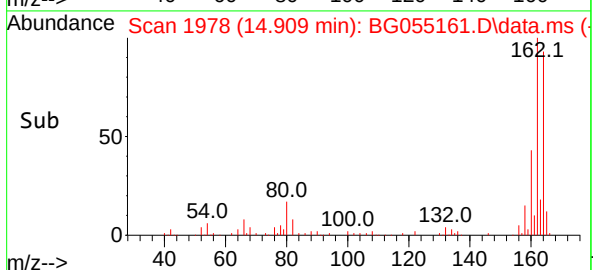
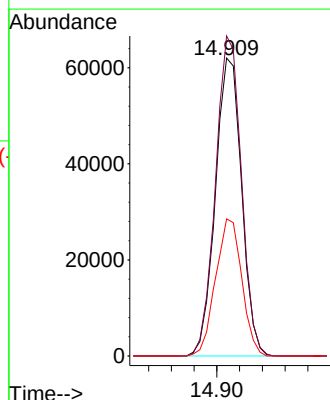
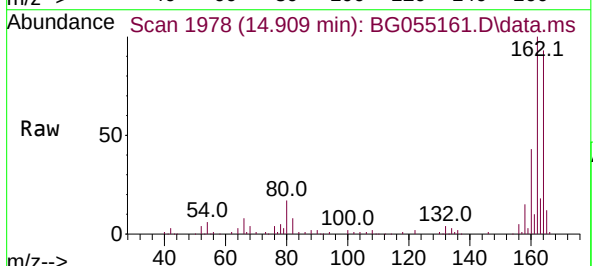
Tgt Ion:164 Resp: 99204

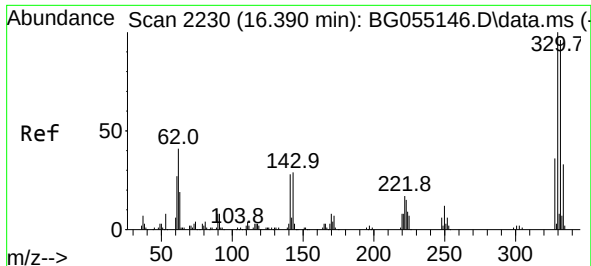
Ion Ratio Lower Upper

164 100

162 107.5 83.3 124.9

160 46.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 132.152 ng

RT: 16.383 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG055161.D

Acq: 13 Oct 2022 13:04

Instrument :

BNA_G

ClientSampleId :

WC-7

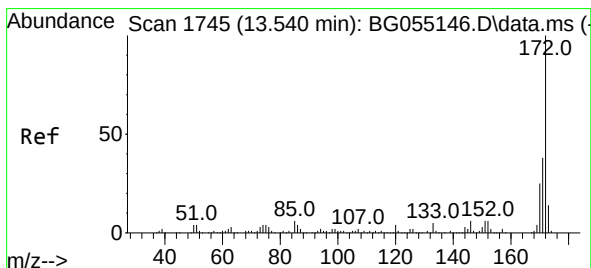
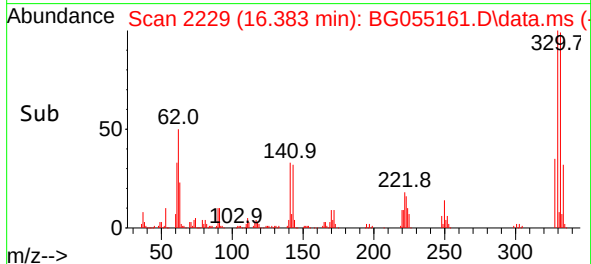
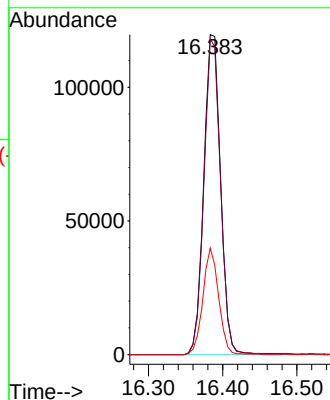
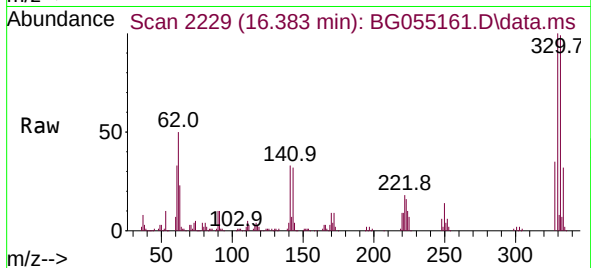
Tgt Ion:330 Resp: 188376

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.4

141 31.2 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 85.166 ng

RT: 13.540 min Scan# 1745

Delta R.T. -0.001 min

Lab File: BG055161.D

Acq: 13 Oct 2022 13:04

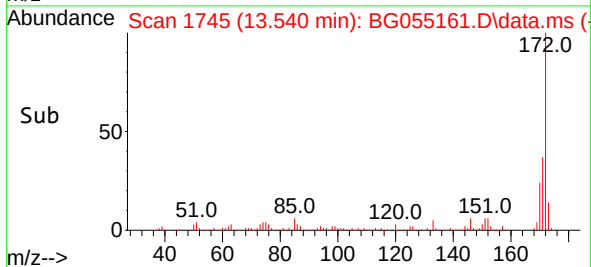
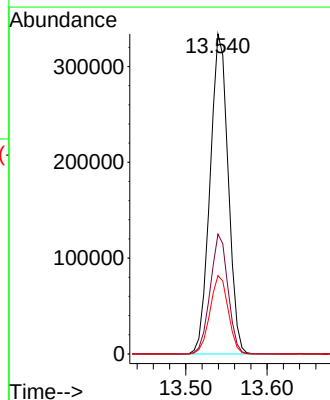
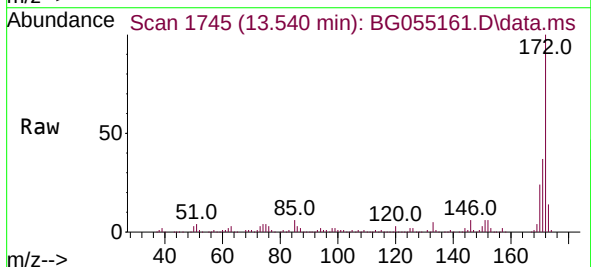
Tgt Ion:172 Resp: 517204

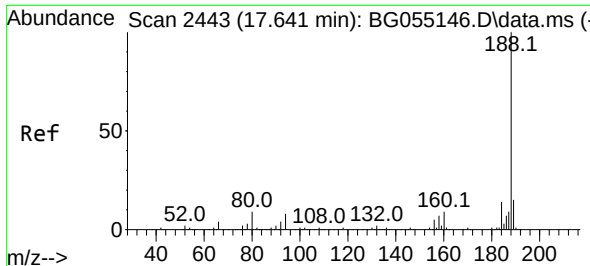
Ion Ratio Lower Upper

172 100

171 37.4 30.1 45.1

170 24.5 19.8 29.6

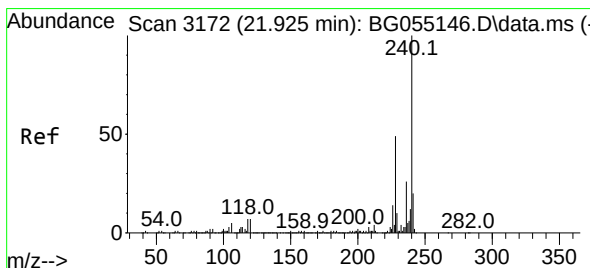
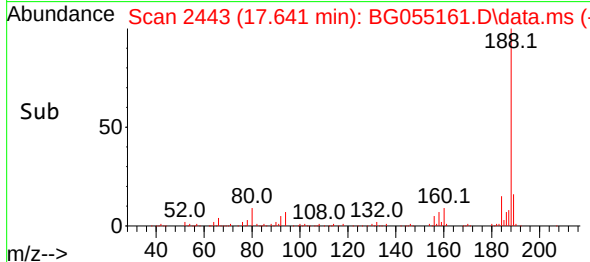
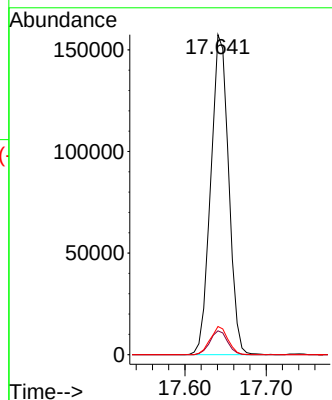
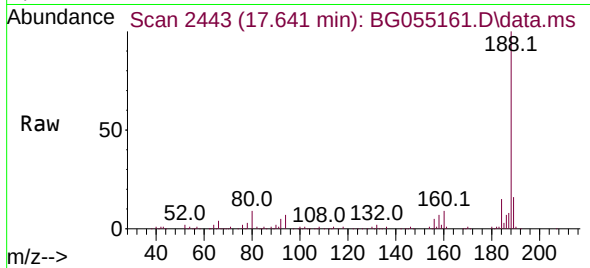




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.641 min Scan# 2443
Delta R.T. -0.001 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

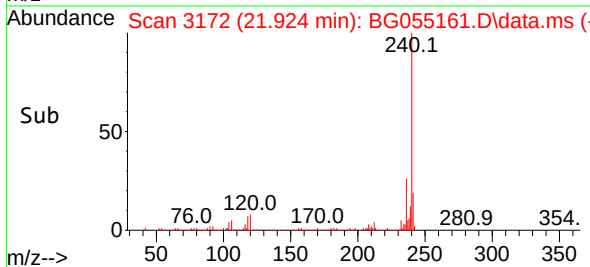
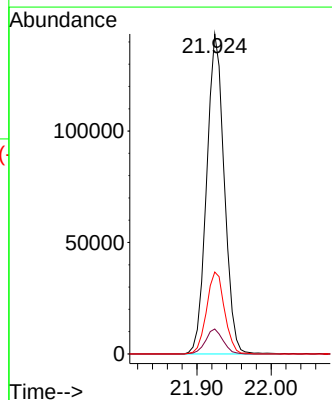
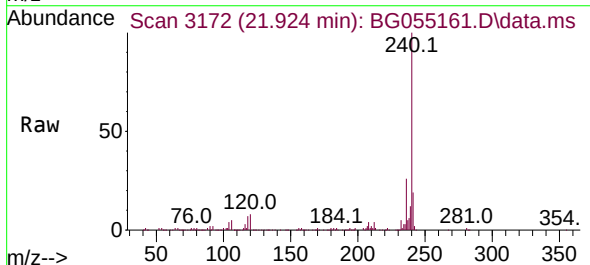
Instrument :
BNA_G
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WC-7

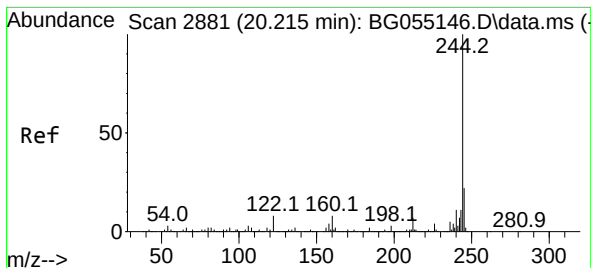
Tgt Ion:188 Resp: 240839
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 8.8 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. -0.001 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

Tgt Ion:240 Resp: 236323
Ion Ratio Lower Upper
240 100
120 7.8 5.4 8.0
236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 78.234 ng

RT: 20.220 min Scan# 2881

Delta R.T. 0.005 min

Lab File: BG055161.D

Acq: 13 Oct 2022 13:04

Instrument :

BNA_G

ClientSampleId :

WC-7

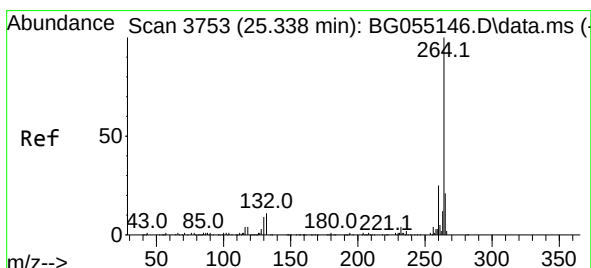
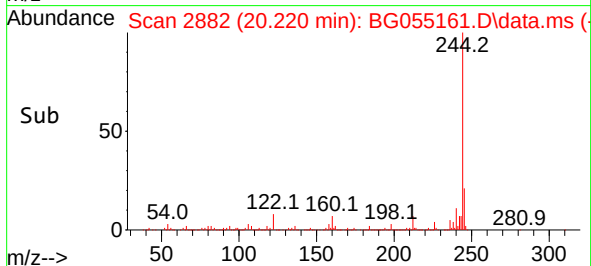
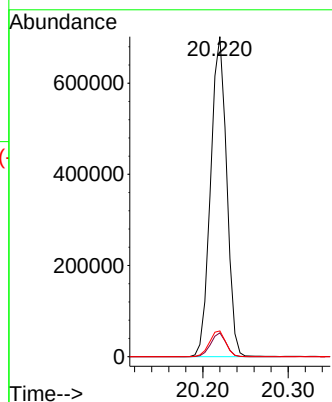
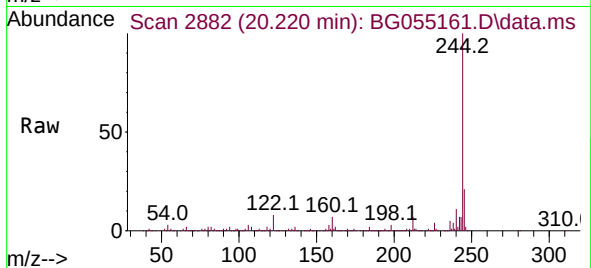
Tgt Ion:244 Resp: 917994

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: 25.349 min Scan# 3755

Delta R.T. 0.011 min

Lab File: BG055161.D

Acq: 13 Oct 2022 13:04

Tgt Ion:264 Resp: 253222

Ion Ratio Lower Upper

264 100

260 24.3 20.1 30.1

265 21.5 16.8 25.2

