

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055101.D
 Acq On : 7 Oct 2022 16:09
 Operator : CG/JU
 Sample : N5022-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DSN002

Quant Time: Oct 08 03:10:05 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)

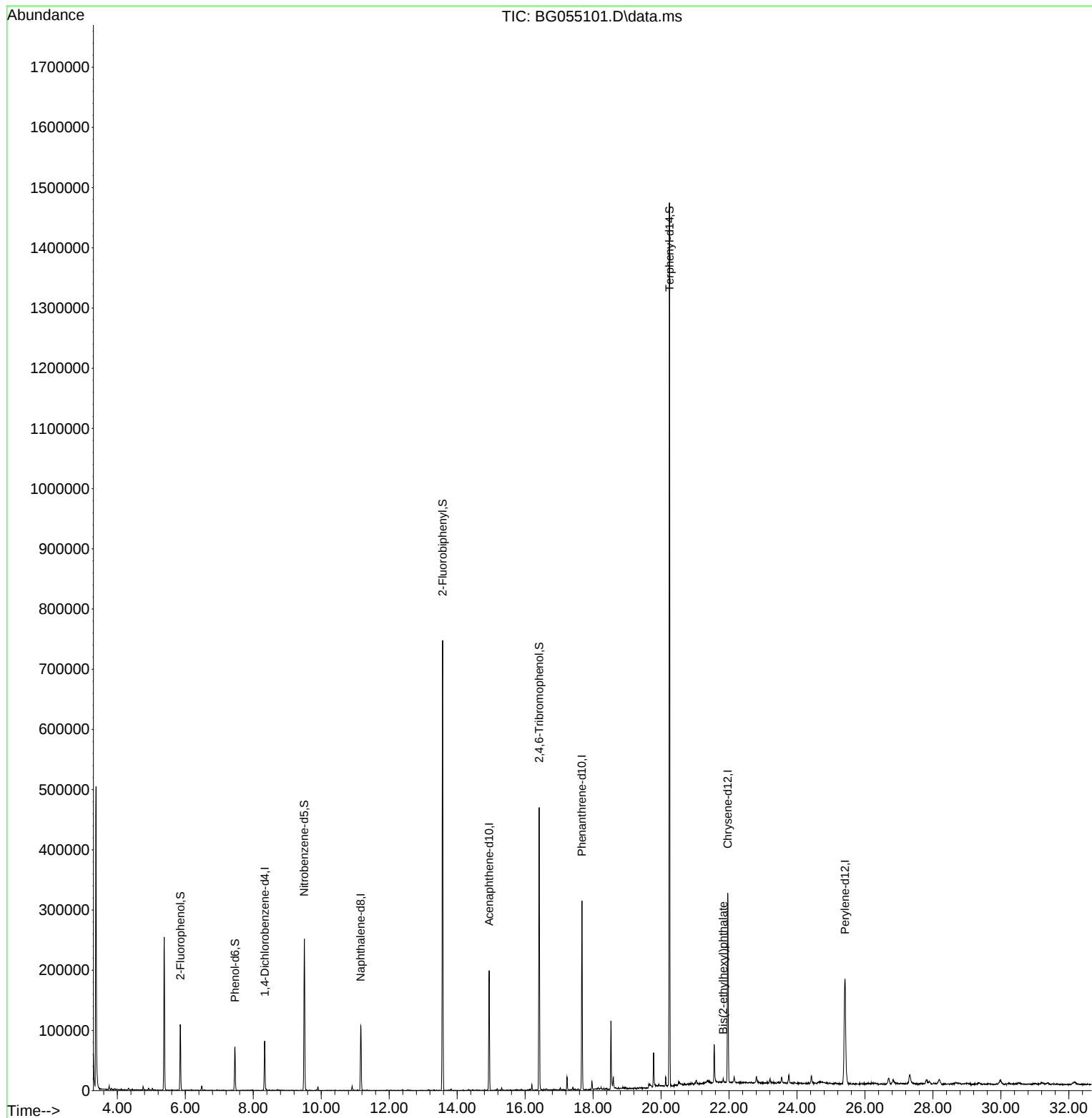
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	22963	20.000	ng	0.00
21) Naphthalene-d8	11.163	136	93395	20.000	ng	0.00
39) Acenaphthene-d10	14.941	164	70572	20.000	ng	0.00
64) Phenanthrene-d10	17.673	188	192846	20.000	ng	0.00
76) Chrysene-d12	21.962	240	203642	20.000	ng	0.00
86) Perylene-d12	25.411	264	216507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.852	112	46017	44.511	ng	0.00
7) Phenol-d6	7.461	99	38805	25.051	ng	0.00
23) Nitrobenzene-d5	9.500	82	149255	95.493	ng	0.00
42) 2,4,6-Tribromophenol	16.416	330	97072	132.251	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	371374	82.152	ng	0.00
79) Terphenyl-d14	20.246	244	742066	73.652	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.827	149	2757	4.499	ng	Qvalue # 94

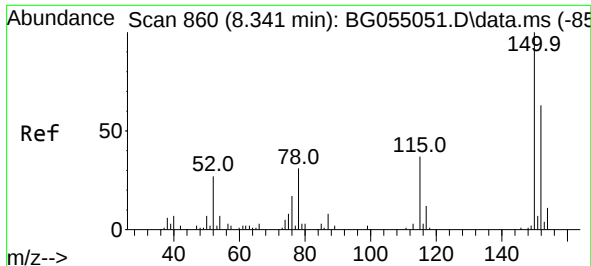
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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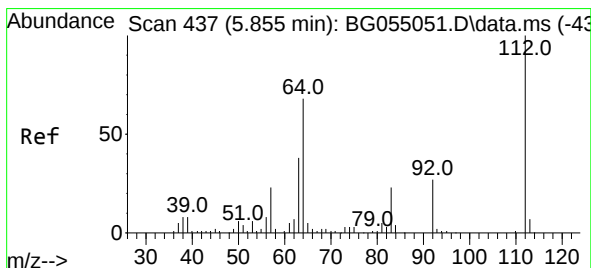
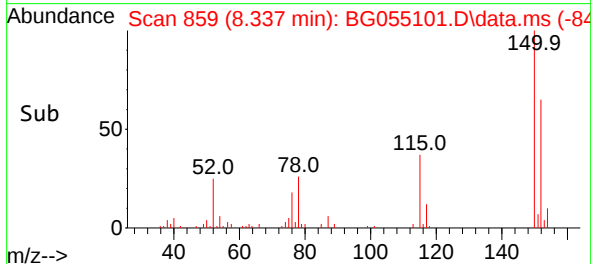
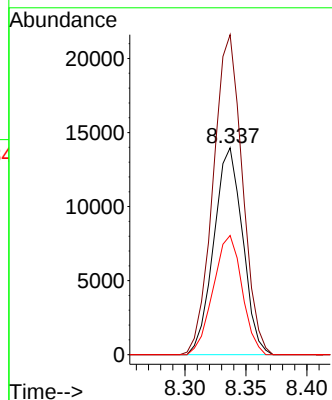
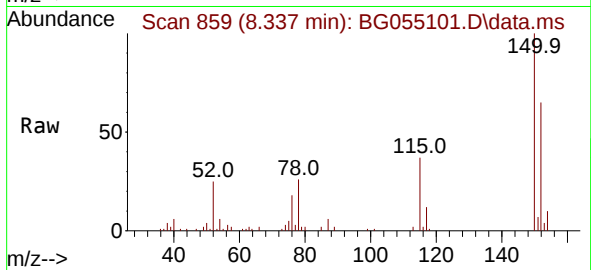




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

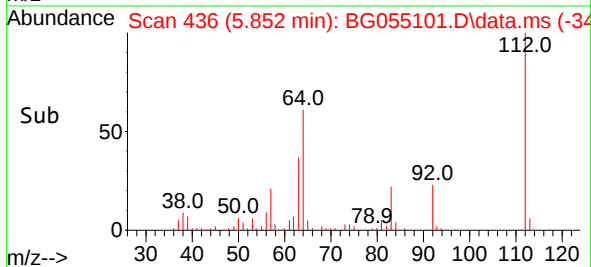
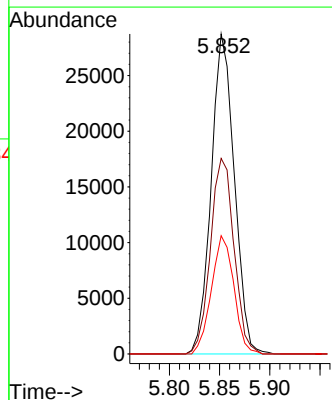
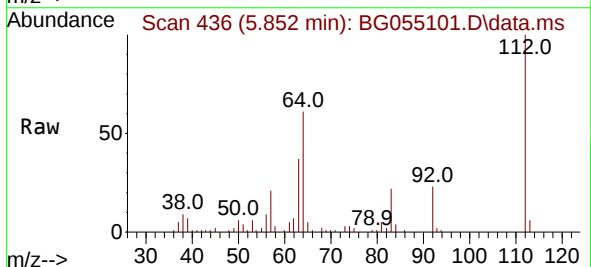
Instrument :
BNA_G
ClientSampleId :
DSN002

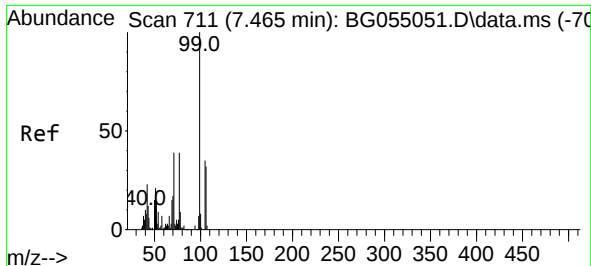
Tgt Ion:152 Resp: 22963
Ion Ratio Lower Upper
152 100
150 154.7 128.0 192.0
115 57.6 47.7 71.5



#5
2-Fluorophenol
Concen: 44.511 ng
RT: 5.852 min Scan# 436
Delta R.T. -0.001 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

Tgt Ion:112 Resp: 46017
Ion Ratio Lower Upper
112 100
64 61.1 54.5 81.7
63 36.9 30.5 45.7

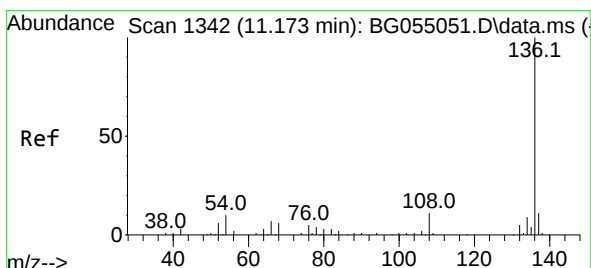
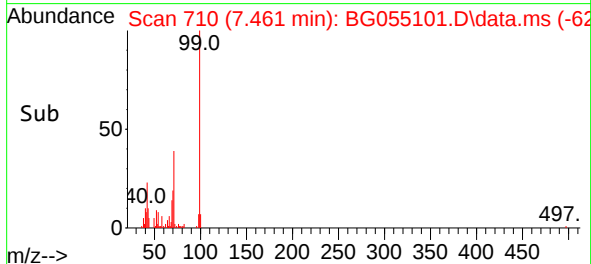
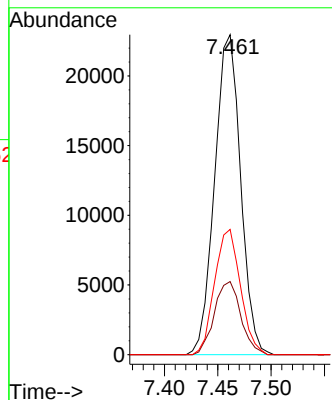
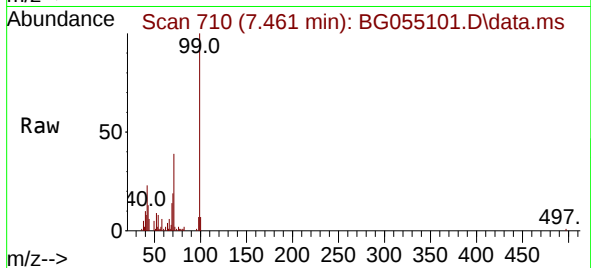




#7
Phenol-d6
Concen: 25.051 ng
RT: 7.461 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

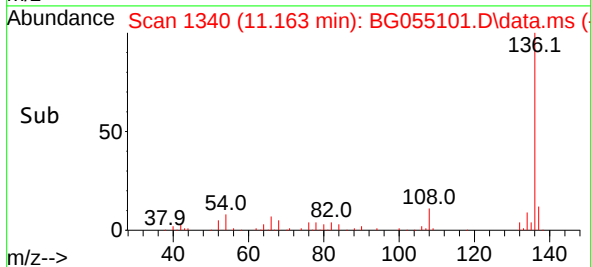
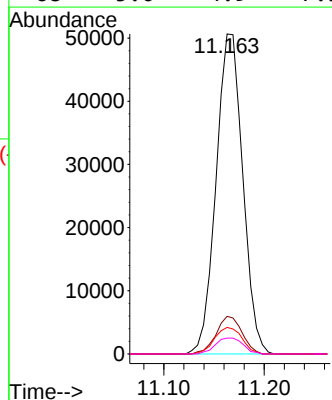
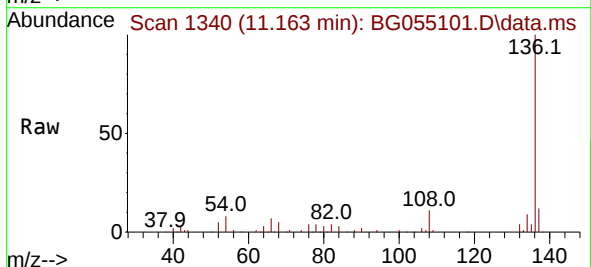
Instrument :
BNA_G
ClientSampleId :
DSN002

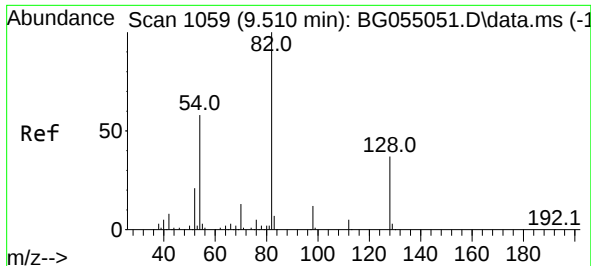
Tgt Ion: 99 Resp: 38805
Ion Ratio Lower Upper
99 100
42 22.8 18.6 28.0
71 39.2 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.163 min Scan# 1340
Delta R.T. -0.007 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

Tgt Ion: 136 Resp: 93395
Ion Ratio Lower Upper
136 100
137 11.8 8.7 13.1
54 8.3 8.2 12.4
68 5.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 95.493 ng

RT: 9.500 min Scan# 1059

Delta R.T. -0.007 min

Lab File: BG055101.D

Acq: 7 Oct 2022 16:09

Instrument :

BNA_G

ClientSampleId :

DSN002

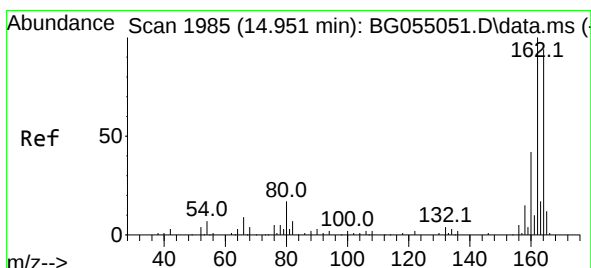
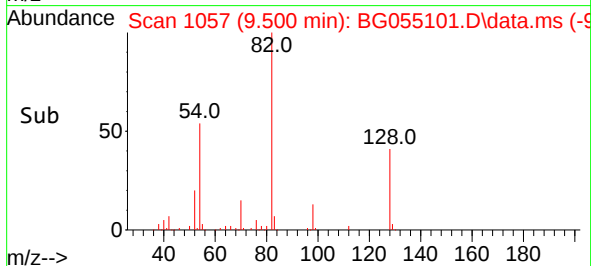
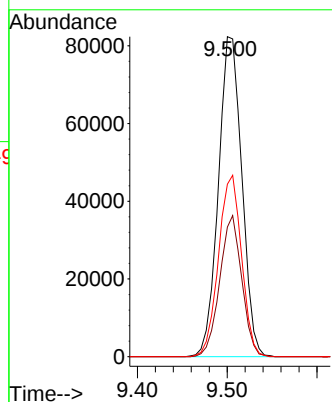
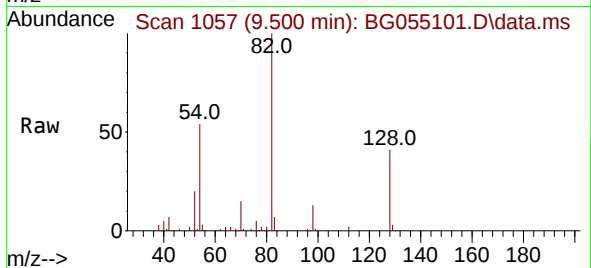
Tgt Ion: 82 Resp: 149255

Ion Ratio Lower Upper

82 100

128 40.5 29.5 44.3

54 53.9 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.941 min Scan# 1983

Delta R.T. -0.001 min

Lab File: BG055101.D

Acq: 7 Oct 2022 16:09

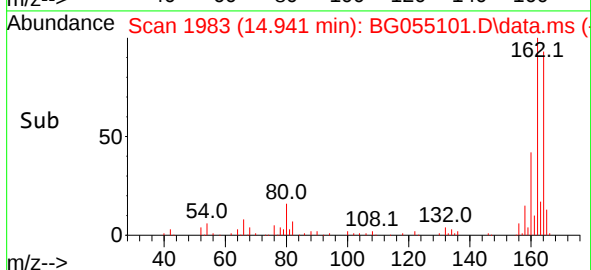
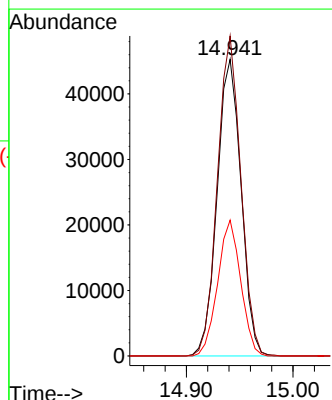
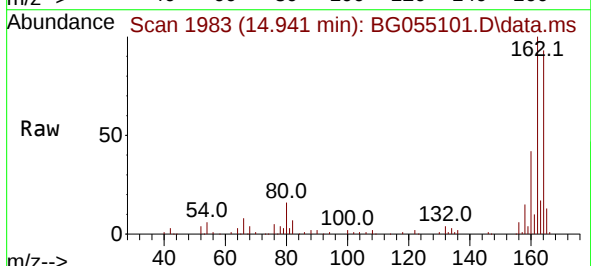
Tgt Ion: 164 Resp: 70572

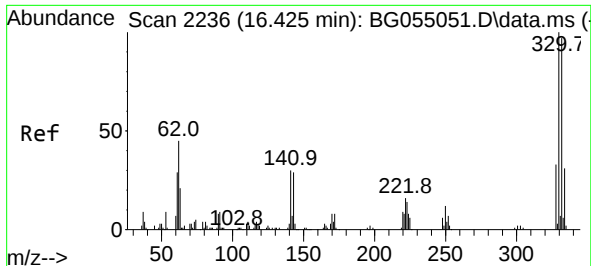
Ion Ratio Lower Upper

164 100

162 107.9 85.5 128.3

160 45.8 35.5 53.3

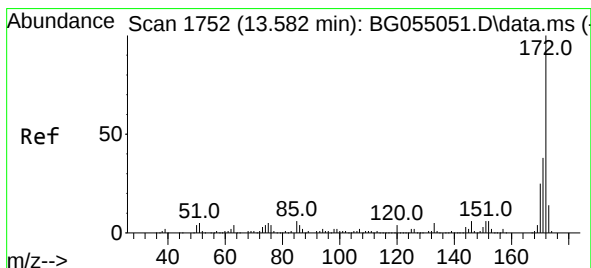
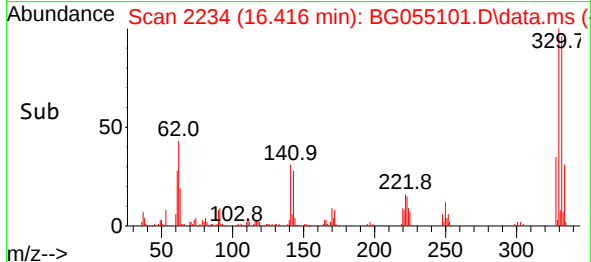
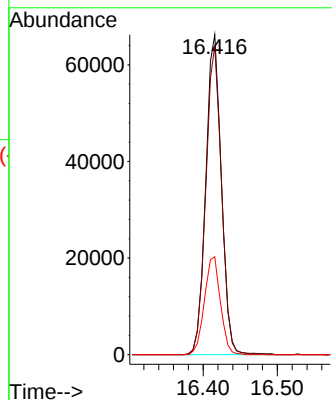
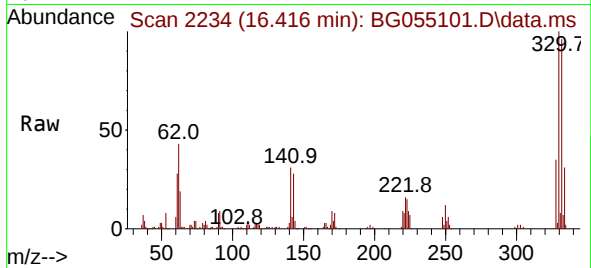




#42
2,4,6-Tribromophenol
Concen: 132.251 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

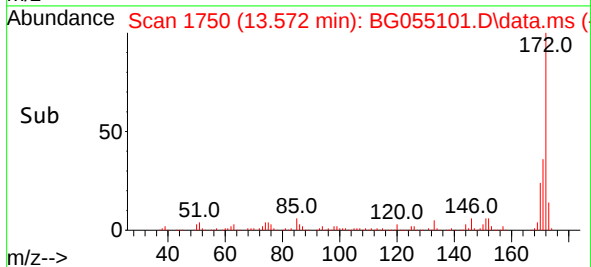
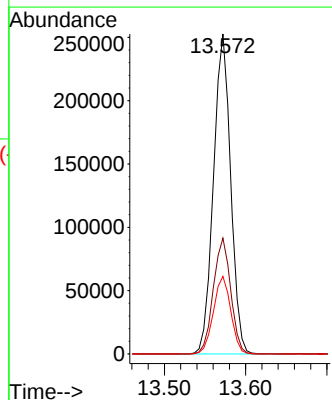
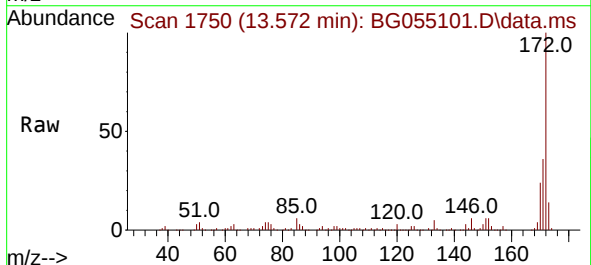
Instrument :
BNA_G
ClientSampleId :
DSN002

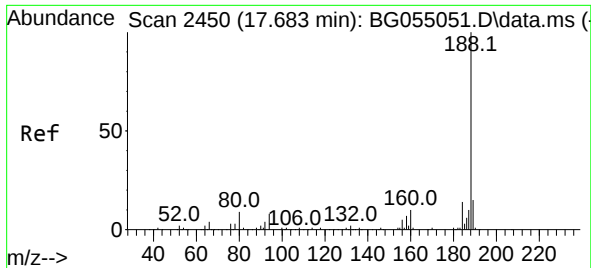
Tgt Ion:330 Resp: 97072
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 31.4 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 82.152 ng
RT: 13.572 min Scan# 1750
Delta R.T. -0.001 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

Tgt Ion:172 Resp: 371374
Ion Ratio Lower Upper
172 100
171 36.2 30.1 45.1
170 24.2 20.0 30.0

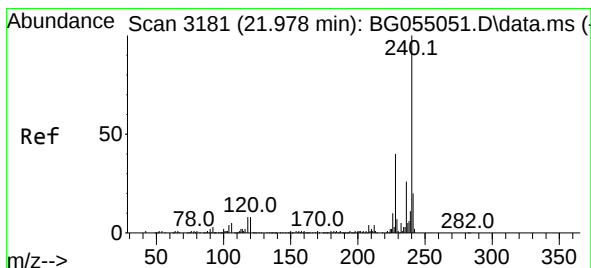
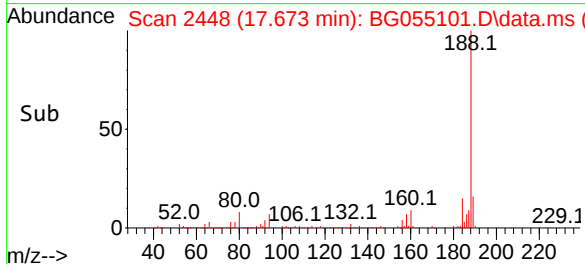
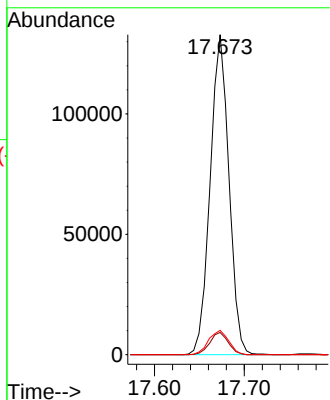
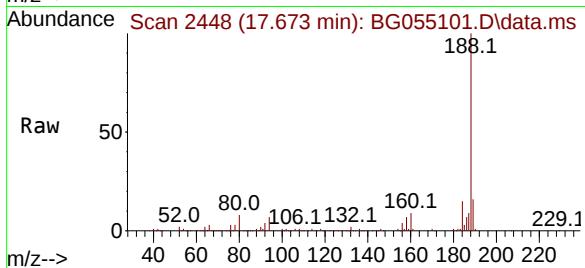




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.673 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

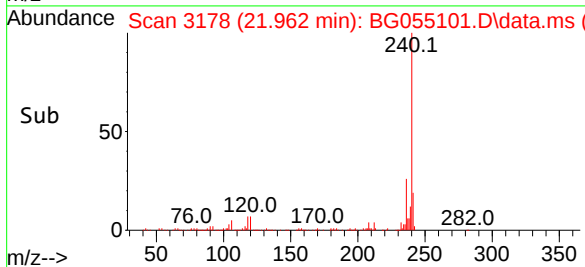
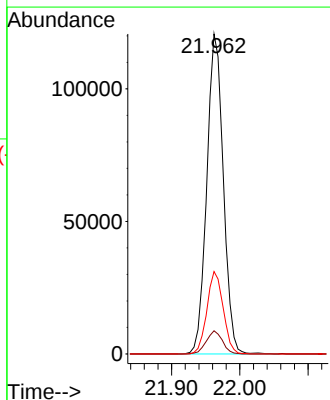
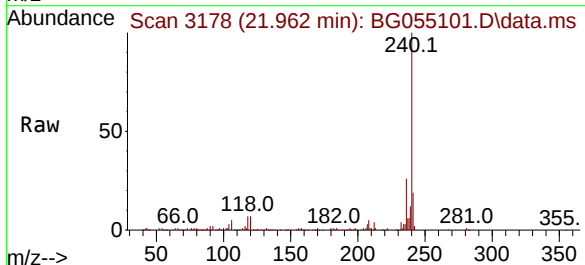
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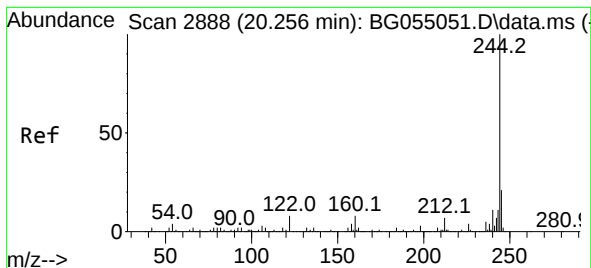
Tgt Ion:188 Resp: 192846
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.2
80 7.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.962 min Scan# 3178
Delta R.T. -0.007 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

Tgt Ion:240 Resp: 203642
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 73.652 ng

RT: 20.246 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG055101.D

Acq: 7 Oct 2022 16:09

Instrument :

BNA_G

ClientSampleId :

DSN002

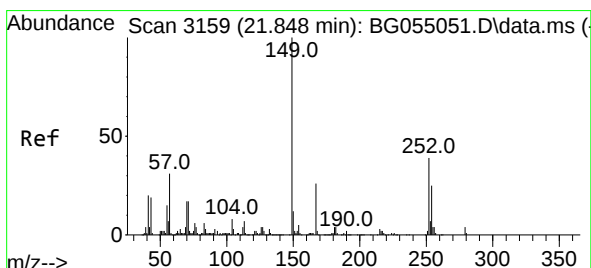
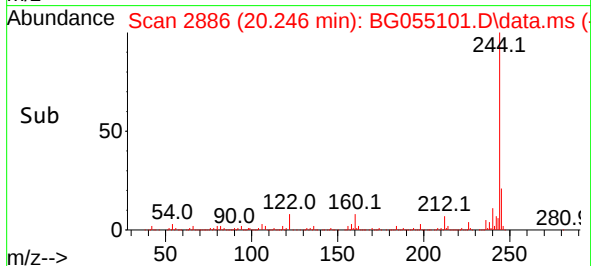
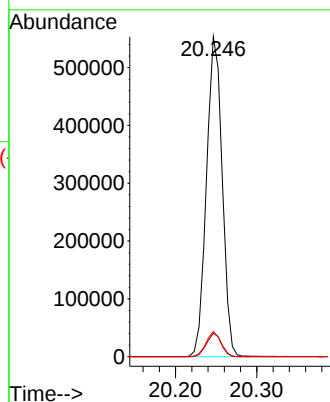
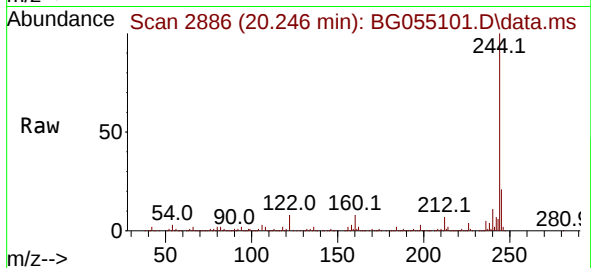
Tgt Ion:244 Resp: 742066

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 7.9 6.6 10.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.499 ng

RT: 21.827 min Scan# 3155

Delta R.T. -0.007 min

Lab File: BG055101.D

Acq: 7 Oct 2022 16:09

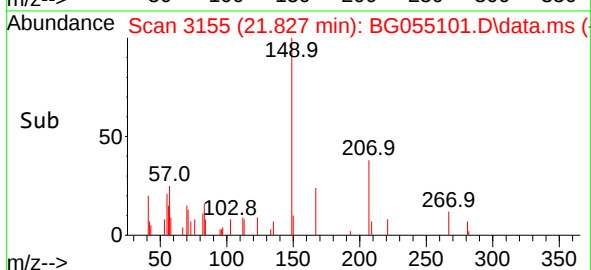
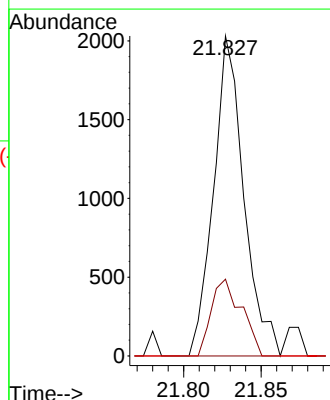
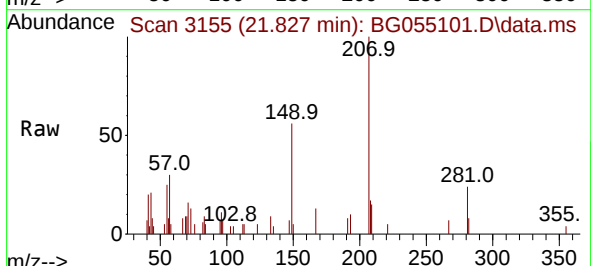
Tgt Ion:149 Resp: 2757

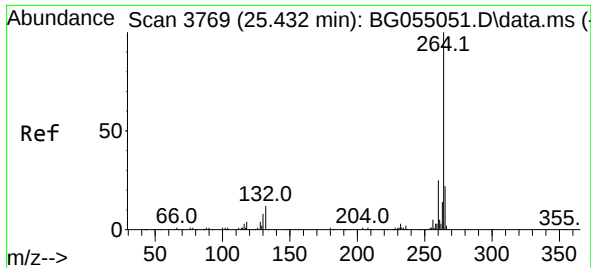
Ion Ratio Lower Upper

149 100

167 24.0 21.0 31.4

279 0.0 3.4 5.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.411 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

Instrument :
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Tgt Ion:264 Resp: 216507
Ion Ratio Lower Upper
264 100
260 23.8 19.7 29.5
265 21.1 17.8 26.6

