

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055100.D
 Acq On : 7 Oct 2022 15:26
 Operator : CG/JU
 Sample : N5046-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-11

Quant Time: Oct 08 03:09:52 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	8.335	152	22034	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	90146	20.000	ng	0.00
39) Acenaphthene-d10	14.939	164	69161	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	194650	20.000	ng	0.00
76) Chrysene-d12	21.966	240	202648	20.000	ng	# 0.00
86) Perylene-d12	25.409	264	216461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	114171	115.090	ng	0.00
7) Phenol-d6	7.460	99	153173	103.053	ng	0.00
23) Nitrobenzene-d5	9.504	82	96329	63.853	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	99932	138.607	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	247684	55.908	ng	0.00
79) Terphenyl-d14	20.250	244	563675	56.220	ng	0.00

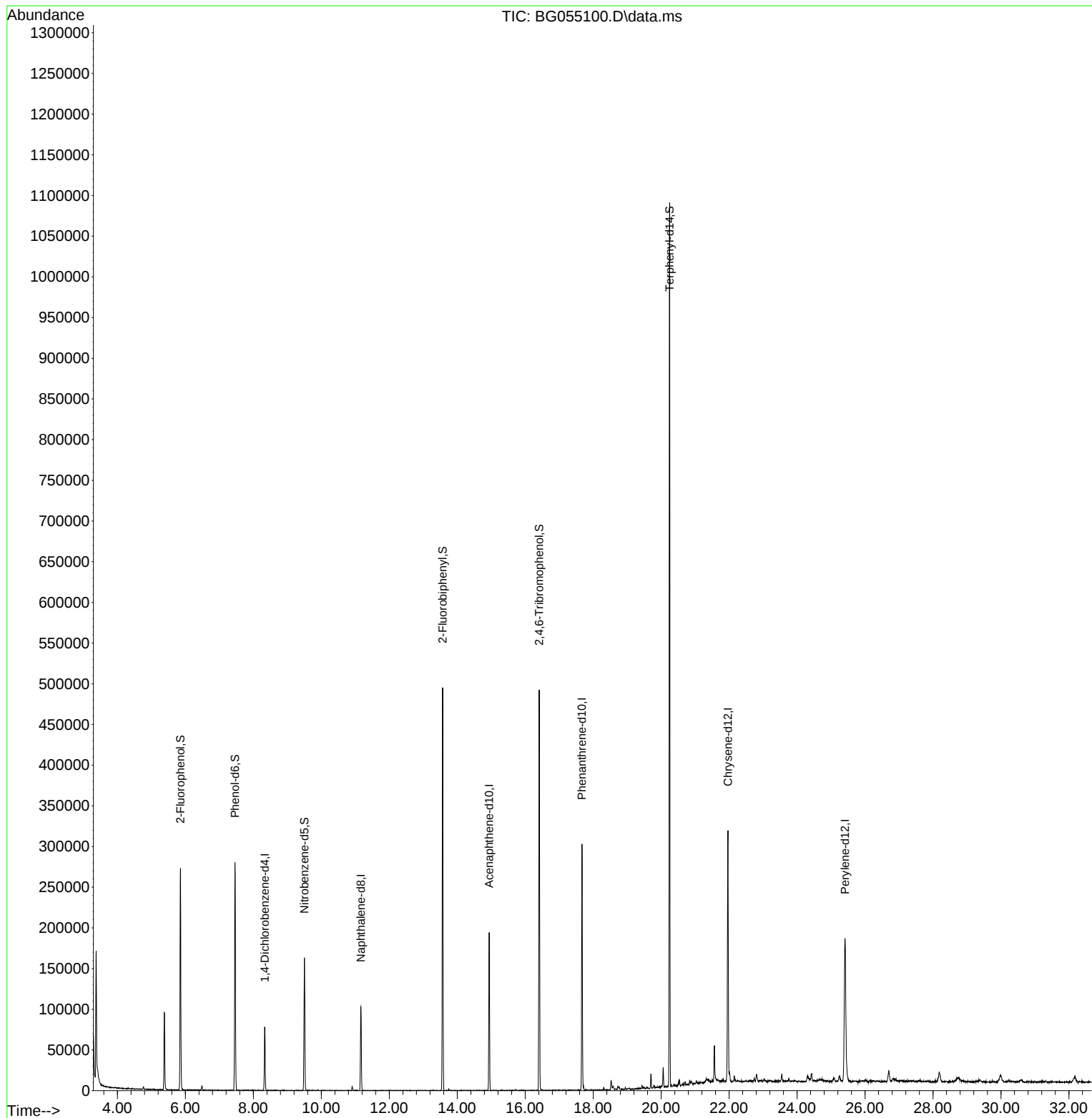
Target Compounds	Qvalue

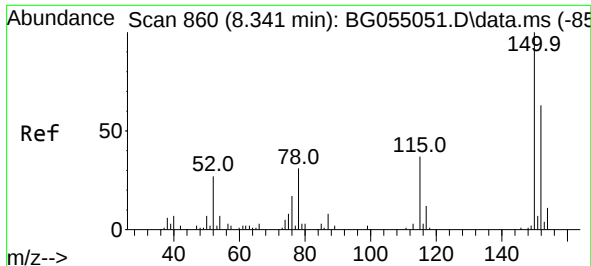
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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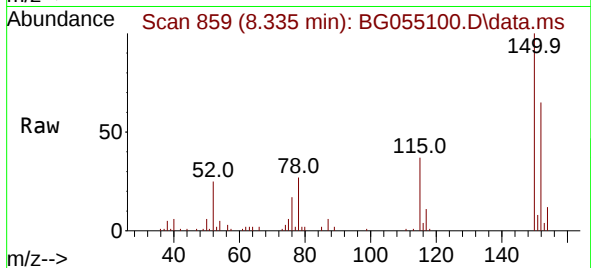
Quant Time: Oct 08 03:09:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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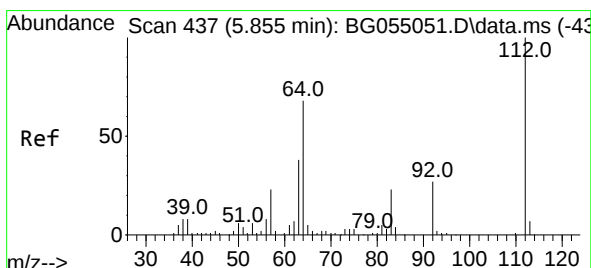
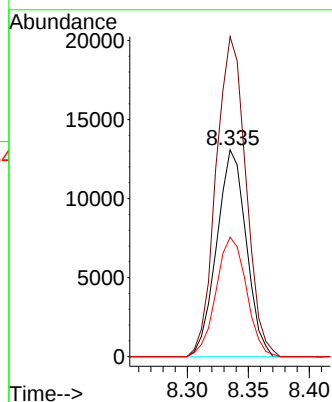
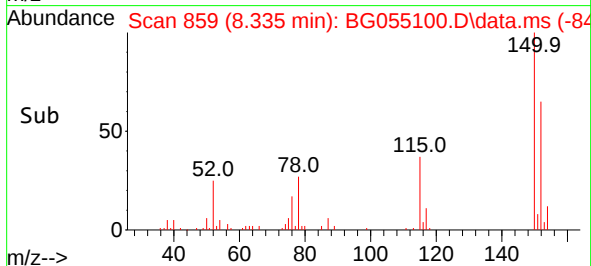


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 860
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

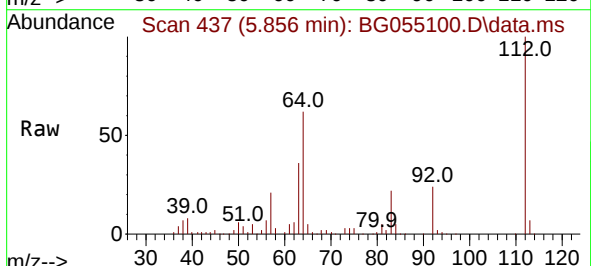
Instrument :
BNA_G
ClientSampleId :
R-11



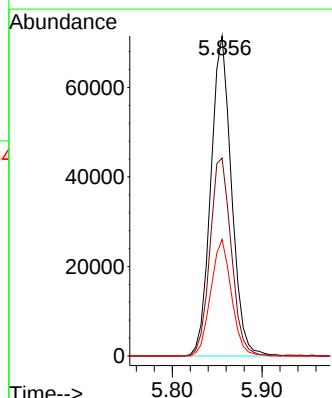
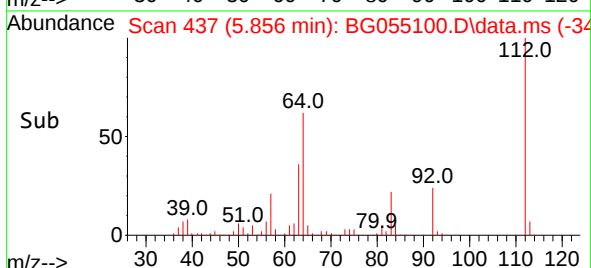
Tgt Ion:152 Resp: 22034
Ion Ratio Lower Upper
152 100
150 154.7 128.0 192.0
115 57.8 47.7 71.5

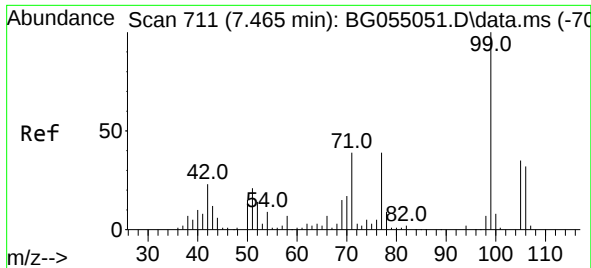


#5
2-Fluorophenol
Concen: 115.090 ng
RT: 5.856 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26



Tgt Ion:112 Resp: 114171
Ion Ratio Lower Upper
112 100
64 61.9 54.5 81.7
63 36.4 30.5 45.7

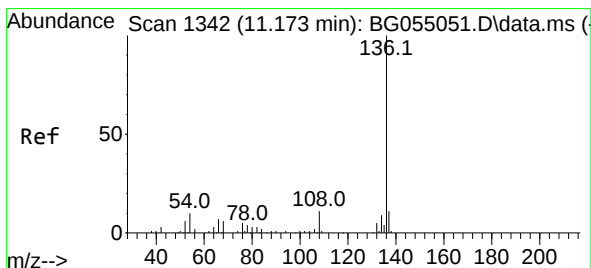
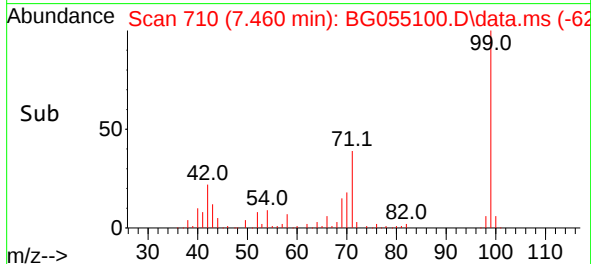
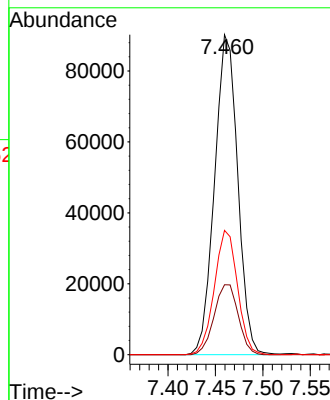
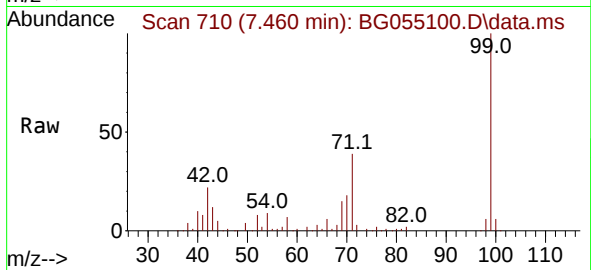




#7
Phenol-d6
Concen: 103.053 ng
RT: 7.460 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

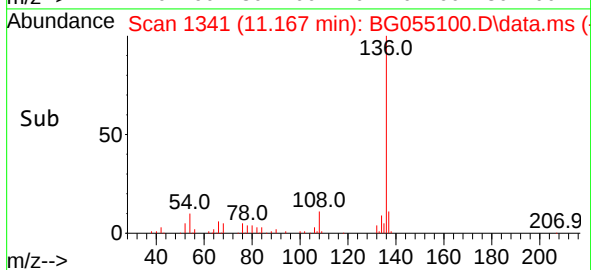
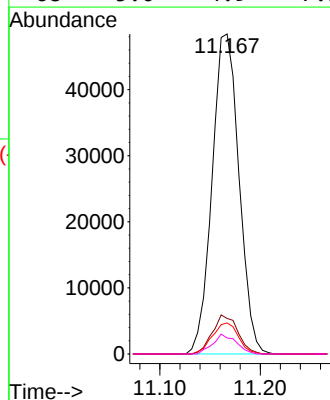
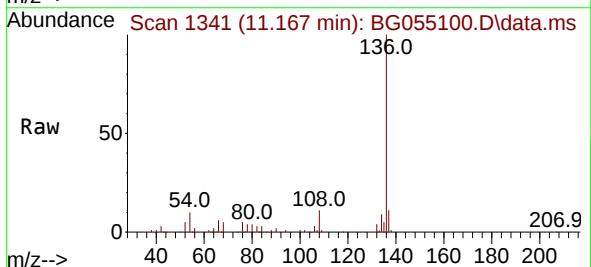
Instrument :
BNA_G
ClientSampleId :
R-11

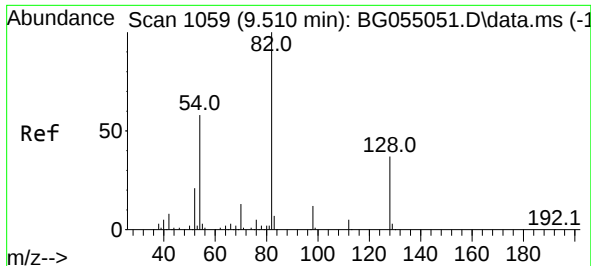
Tgt Ion: 99 Resp: 153173
Ion Ratio Lower Upper
99 100
42 21.8 18.6 28.0
71 38.9 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

Tgt Ion:136 Resp: 90146
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.7 8.2 12.4
68 5.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 63.853 ng

RT: 9.504 min Scan# 1058

Delta R.T. -0.003 min

Lab File: BG055100.D

Acq: 7 Oct 2022 15:26

Instrument :

BNA_G

ClientSampleId :

R-11

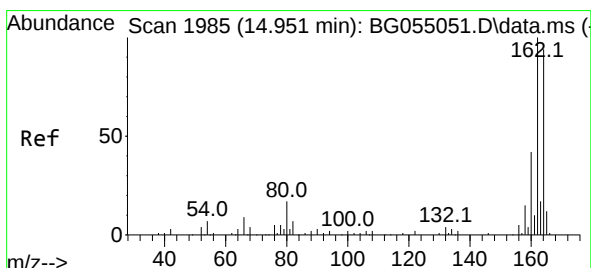
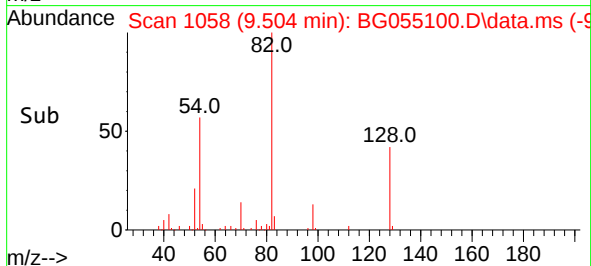
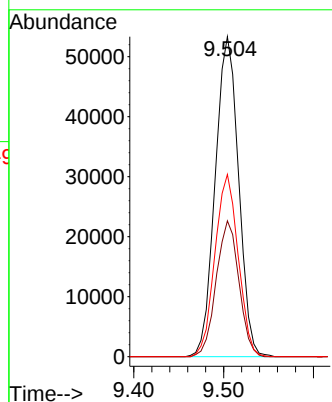
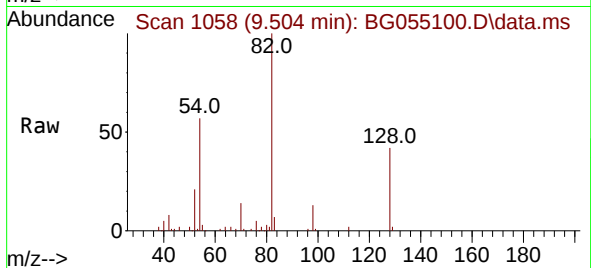
Tgt Ion: 82 Resp: 96329

Ion Ratio Lower Upper

82 100

128 42.4 29.5 44.3

54 56.9 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.939 min Scan# 1983

Delta R.T. -0.003 min

Lab File: BG055100.D

Acq: 7 Oct 2022 15:26

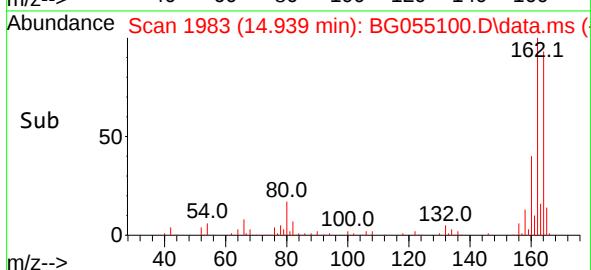
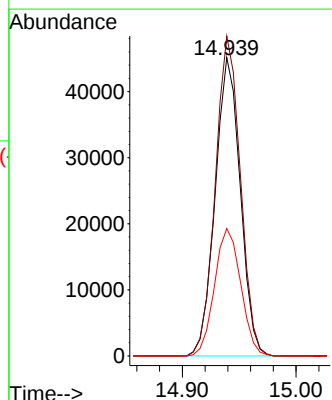
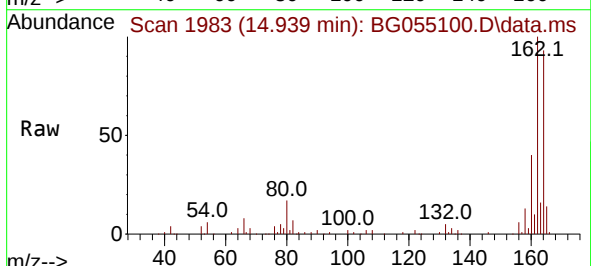
Tgt Ion: 164 Resp: 69161

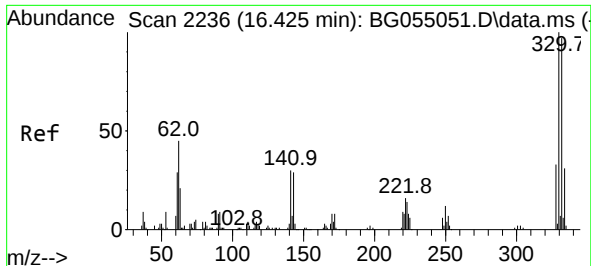
Ion Ratio Lower Upper

164 100

162 107.2 85.5 128.3

160 42.7 35.5 53.3

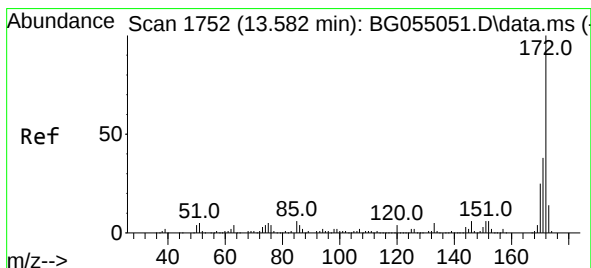
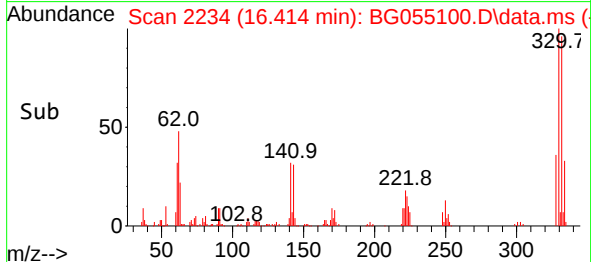
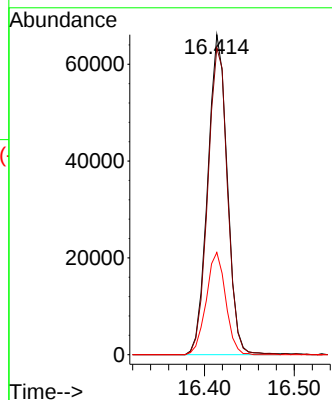
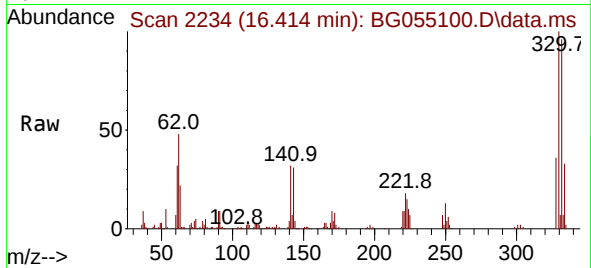




#42
2,4,6-Tribromophenol
Concen: 138.607 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

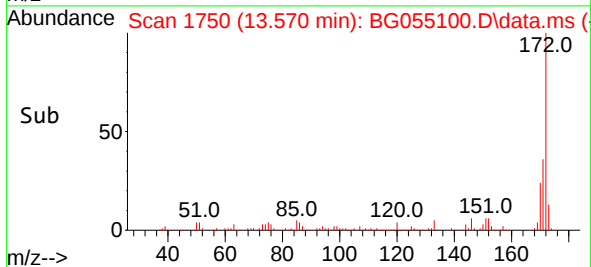
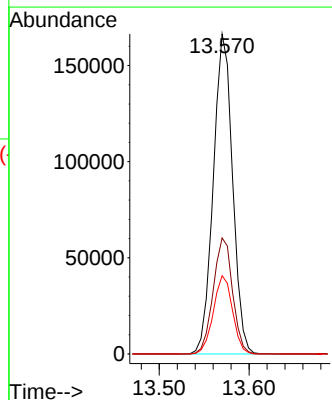
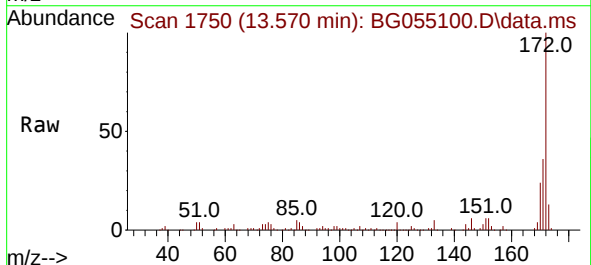
Instrument :
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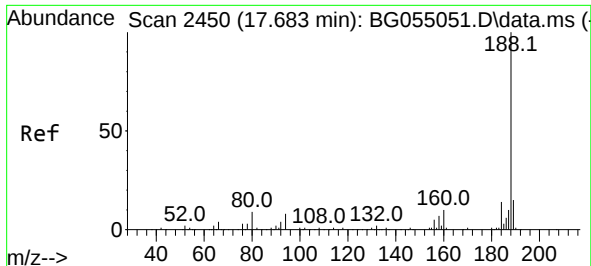
Tgt Ion:330 Resp: 99932
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 31.7 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 55.908 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

Tgt Ion:172 Resp: 247684
Ion Ratio Lower Upper
172 100
171 36.2 30.1 45.1
170 24.5 20.0 30.0

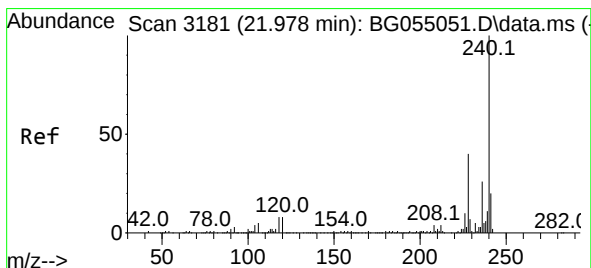
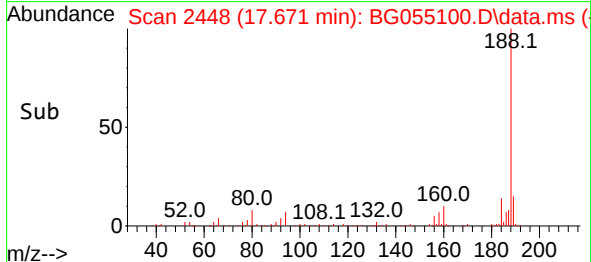
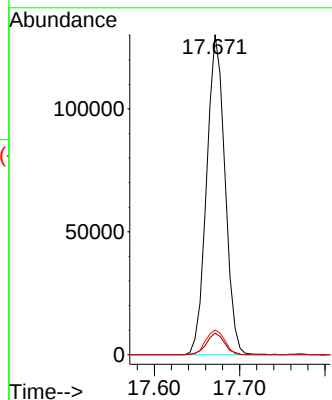
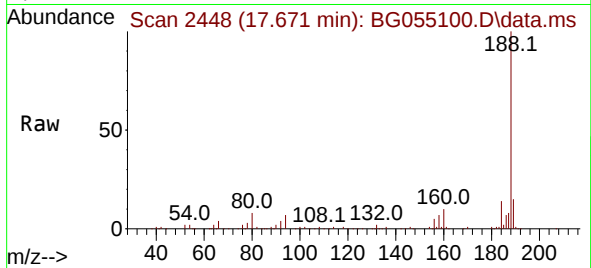




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

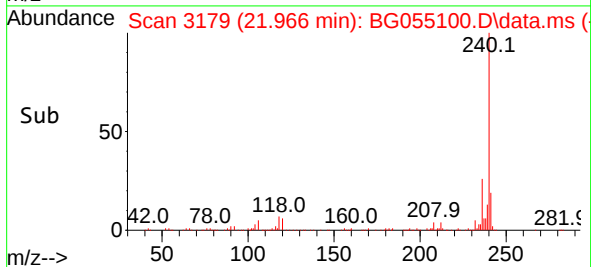
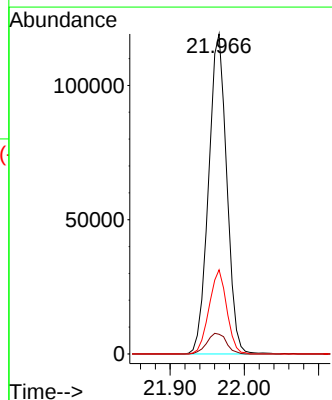
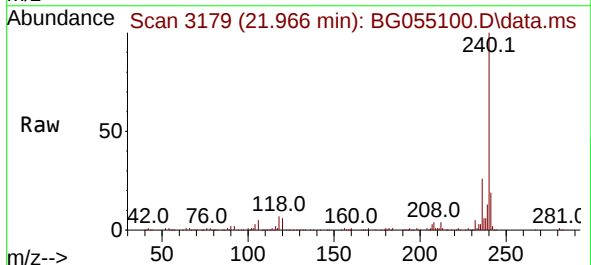
Instrument :
BNA_G
ClientSampleId :
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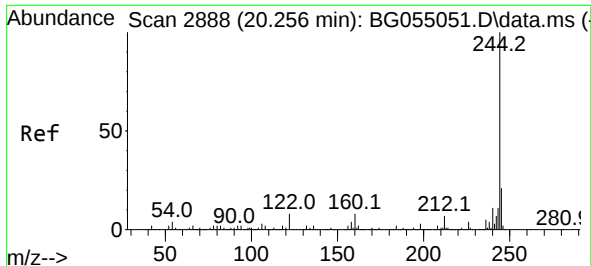
Tgt Ion:188 Resp: 194650
Ion Ratio Lower Upper
188 100
94 6.8 6.2 9.2
80 7.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3179
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

Tgt Ion:240 Resp: 202648
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.4#
236 26.3 20.6 30.8

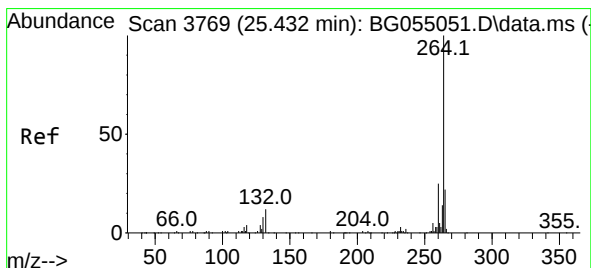
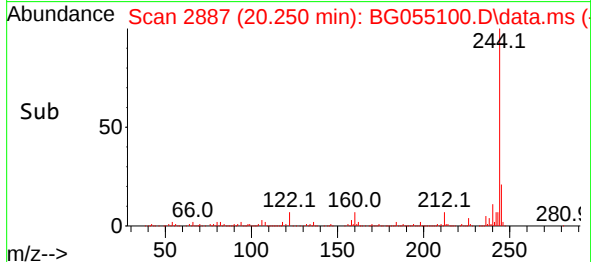
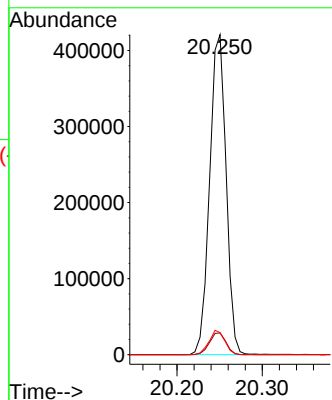
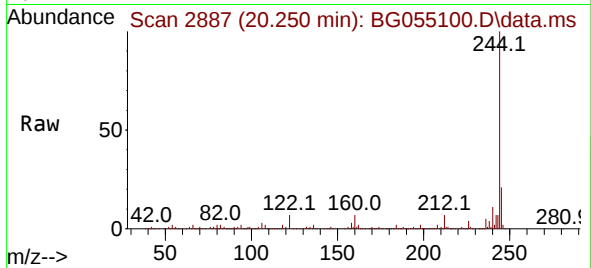




#79
 Terphenyl-d14
 Concen: 56.220 ng
 RT: 20.250 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055100.D
 Acq: 7 Oct 2022 15:26

Instrument :
 BNA_G
 ClientSampleId :
 R-11

Tgt Ion:244 Resp: 563675
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 6.9 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.409 min Scan# 3765
 Delta R.T. -0.009 min
 Lab File: BG055100.D
 Acq: 7 Oct 2022 15:26

Tgt Ion:264 Resp: 216461
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.7 29.5
 265 21.5 17.8 26.6

