

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
 Data File : BG055128.D
 Acq On : 11 Oct 2022 15:51
 Operator : CG/JU
 Sample : N5066-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C11(10-11)

Quant Time: Oct 12 06:19:55 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	8.324	152	33211	20.000	ng	-0.01
21) Naphthalene-d8	11.156	136	128741	20.000	ng	-0.01
39) Acenaphthene-d10	14.933	164	92602	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	238721	20.000	ng	0.00
76) Chrysene-d12	21.960	240	246777	20.000	ng	0.00
86) Perylene-d12	25.409	264	255986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	255730	171.031	ng	0.00
7) Phenol-d6	7.454	99	305784	136.491	ng	0.00
23) Nitrobenzene-d5	9.499	82	232832	108.067	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	212913	216.836	ng	0.00
45) 2-Fluorobiphenyl	13.564	172	550798	92.856	ng	0.00
79) Terphenyl-d14	20.245	244	1191736	97.607	ng	0.00

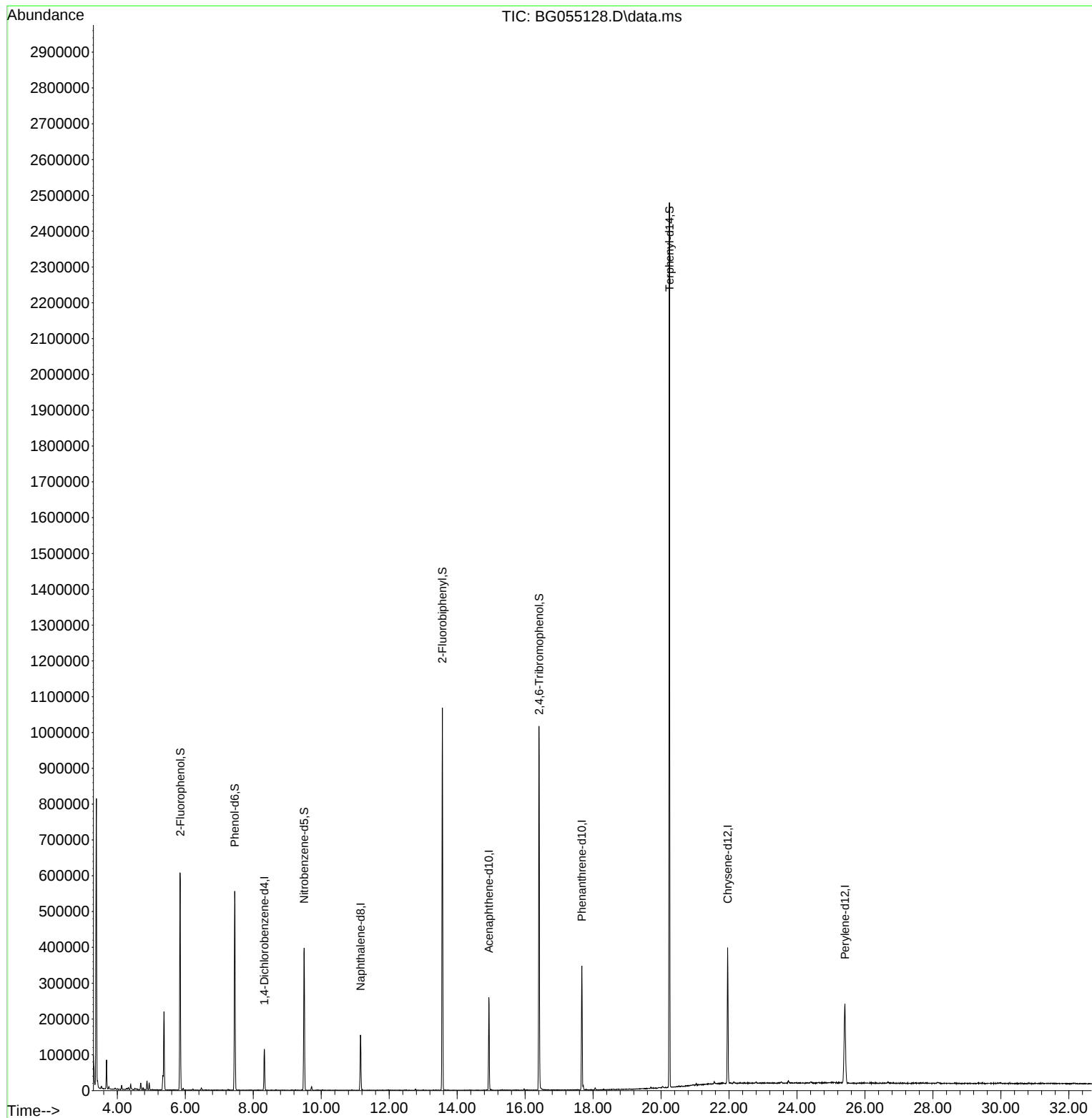
Target Compounds	Qvalue

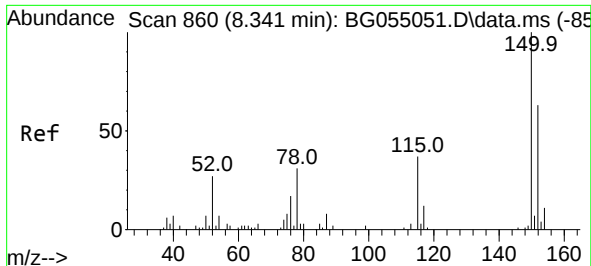
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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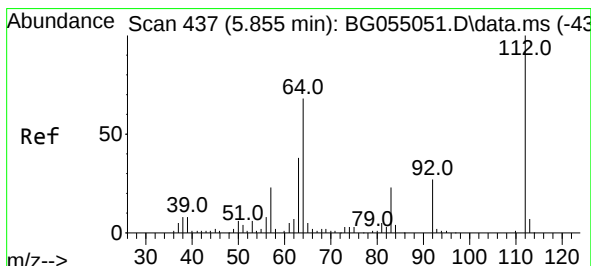
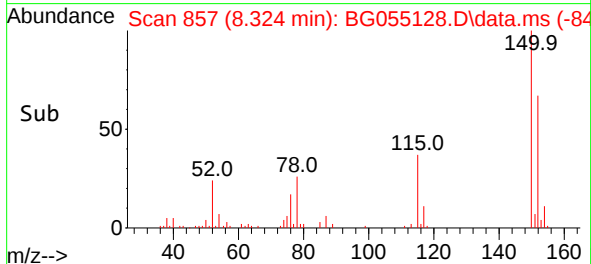
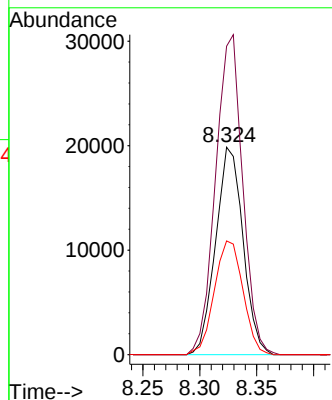
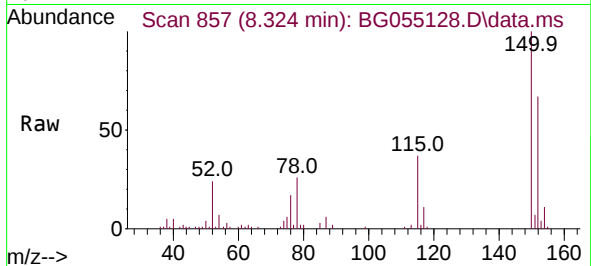




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.324 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

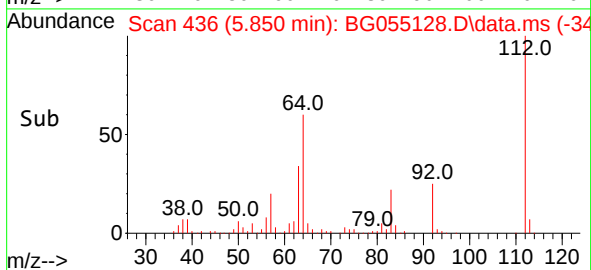
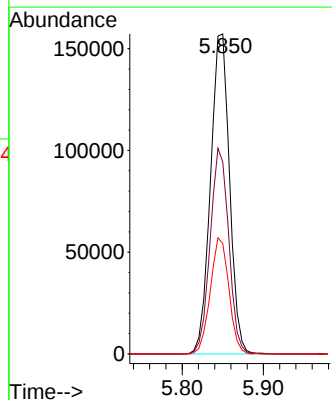
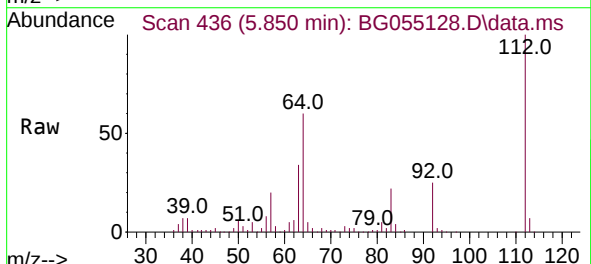
Instrument :
BNA_G
ClientSampleId :
C11(10-11)

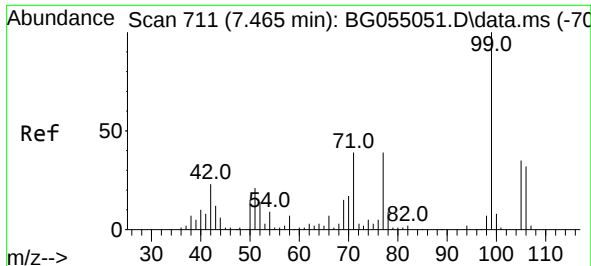
Tgt Ion:152 Resp: 33211
Ion Ratio Lower Upper
152 100
150 148.7 128.0 192.0
115 54.8 47.7 71.5



#5
2-Fluorophenol
Concen: 171.031 ng
RT: 5.850 min Scan# 436
Delta R.T. -0.002 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

Tgt Ion:112 Resp: 255730
Ion Ratio Lower Upper
112 100
64 60.0 54.5 81.7
63 34.5 30.5 45.7

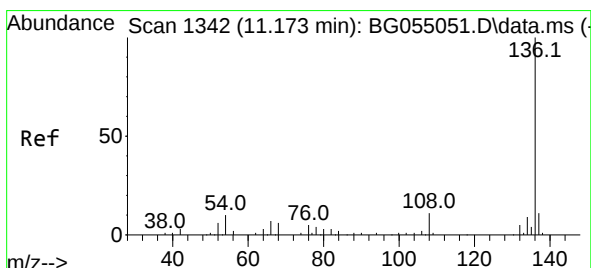
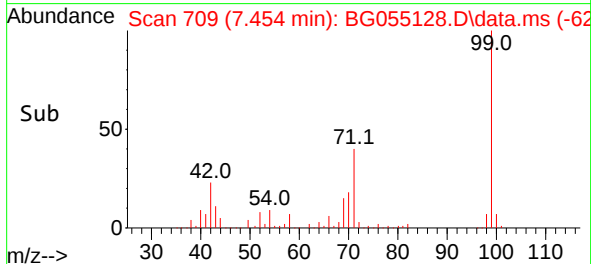
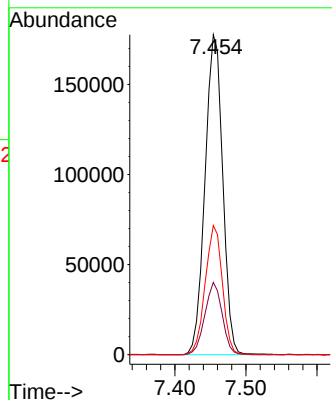
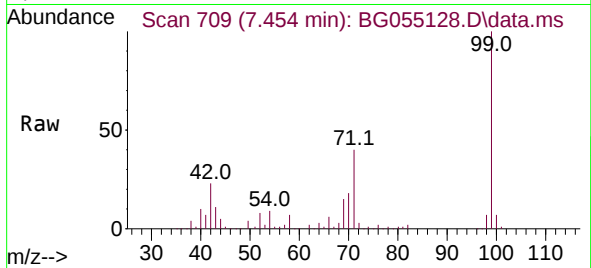




#7
Phenol-d6
Concen: 136.491 ng
RT: 7.454 min Scan# 709
Delta R.T. -0.008 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

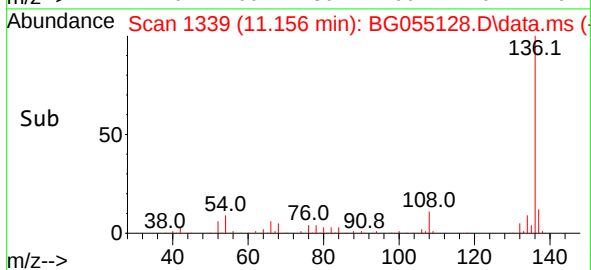
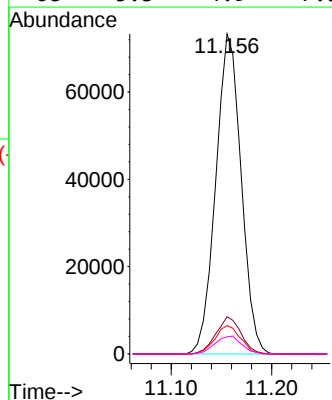
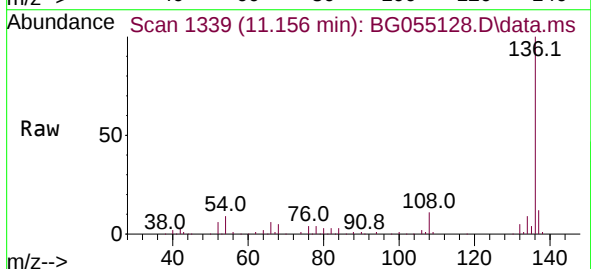
Instrument :
BNA_G
ClientSampleId :
C11(10-11)

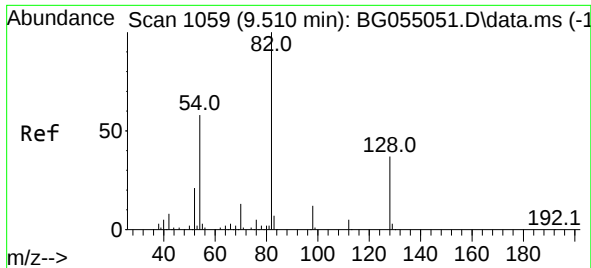
Tgt Ion: 99 Resp: 305784
Ion Ratio Lower Upper
99 100
42 22.6 18.6 28.0
71 40.3 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.156 min Scan# 1339
Delta R.T. -0.014 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

Tgt Ion: 136 Resp: 128741
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 8.9 8.2 12.4
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 108.067 ng

RT: 9.499 min Scan# 1057

Delta R.T. -0.008 min

Lab File: BG055128.D

Acq: 11 Oct 2022 15:51

Instrument :

BNA_G

ClientSampleId :

C11(10-11)

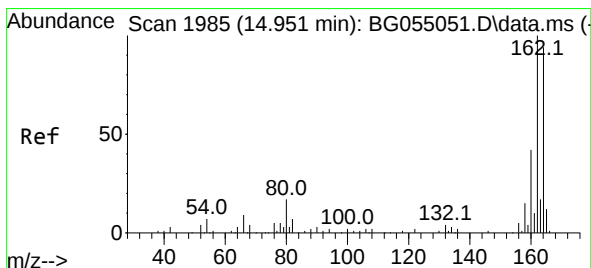
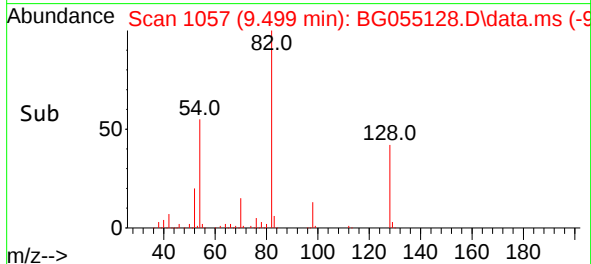
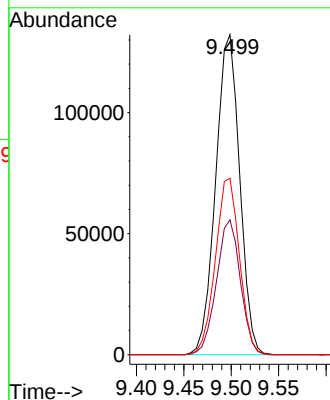
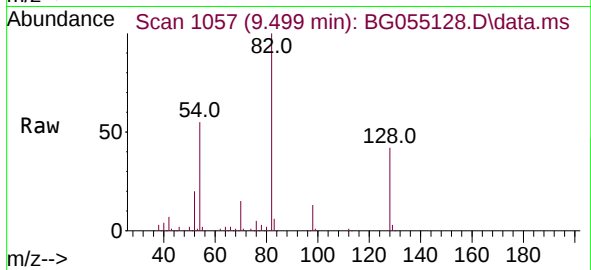
Tgt Ion: 82 Resp: 232832

Ion Ratio Lower Upper

82 100

128 42.1 29.5 44.3

54 55.1 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.933 min Scan# 1982

Delta R.T. -0.008 min

Lab File: BG055128.D

Acq: 11 Oct 2022 15:51

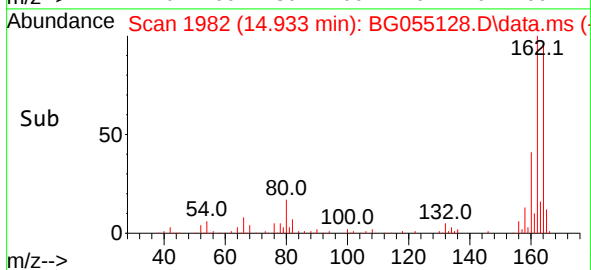
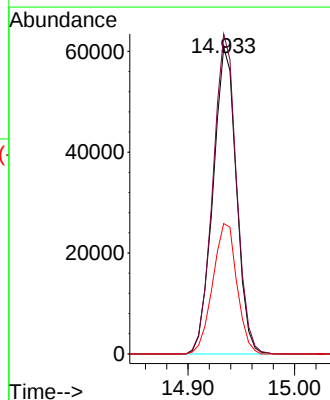
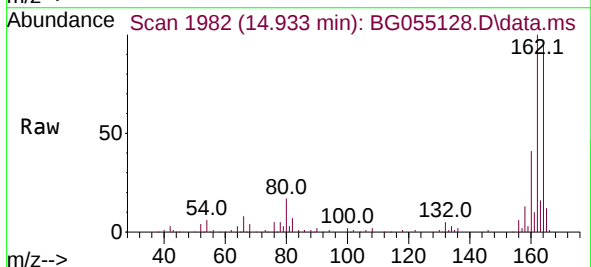
Tgt Ion:164 Resp: 92602

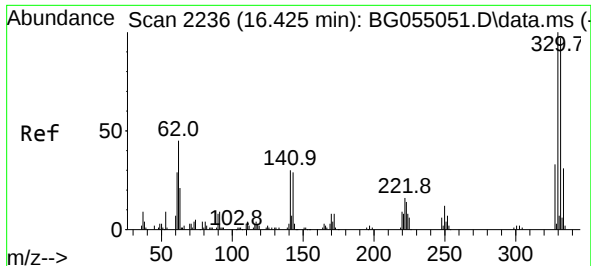
Ion Ratio Lower Upper

164 100

162 104.3 85.5 128.3

160 42.5 35.5 53.3

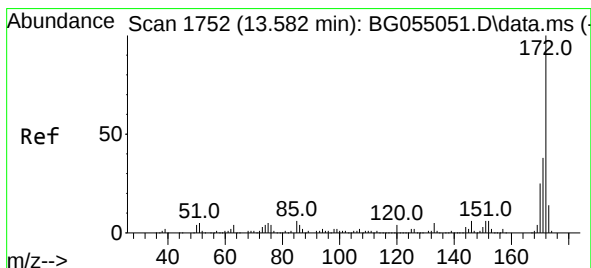
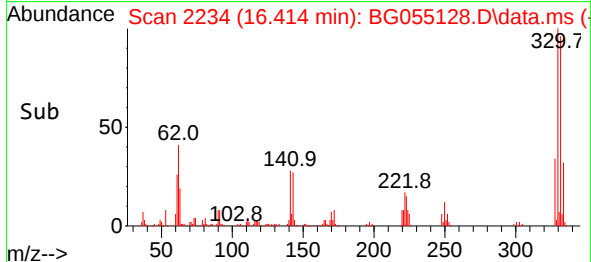
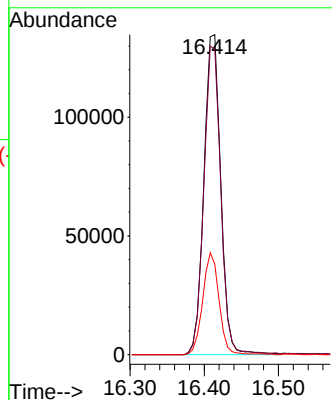
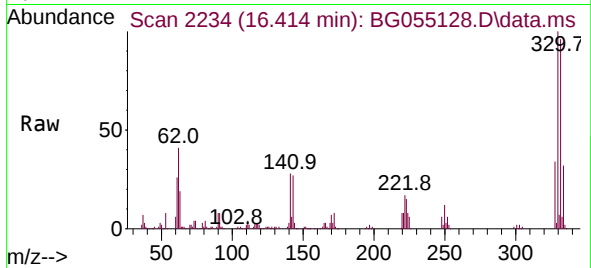




#42
2,4,6-Tribromophenol
Concen: 216.836 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

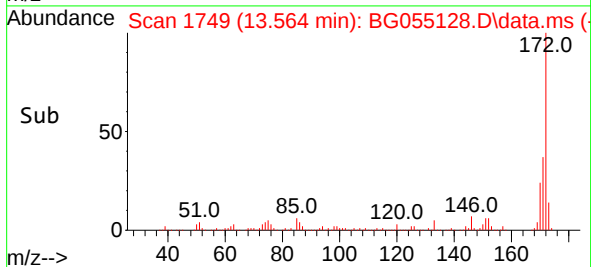
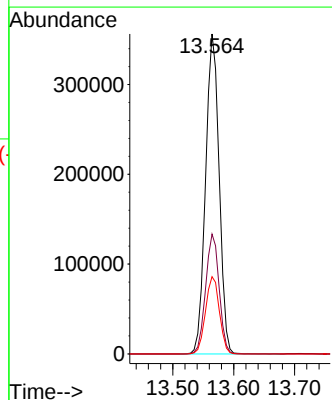
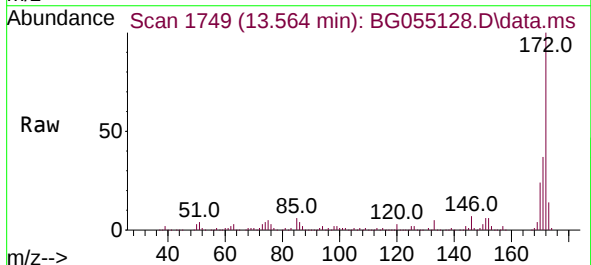
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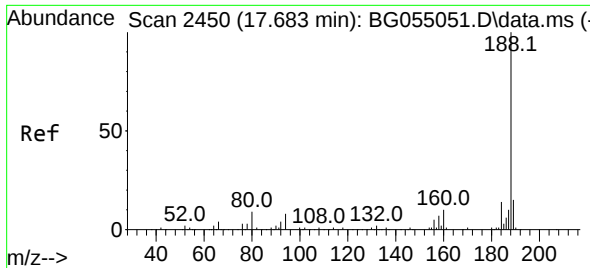
Tgt Ion:330 Resp: 212913
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 30.6 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 92.856 ng
RT: 13.564 min Scan# 1749
Delta R.T. -0.008 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

Tgt Ion:172 Resp: 550798
Ion Ratio Lower Upper
172 100
171 37.4 30.1 45.1
170 24.1 20.0 30.0

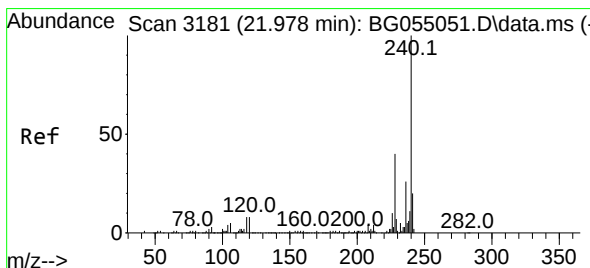
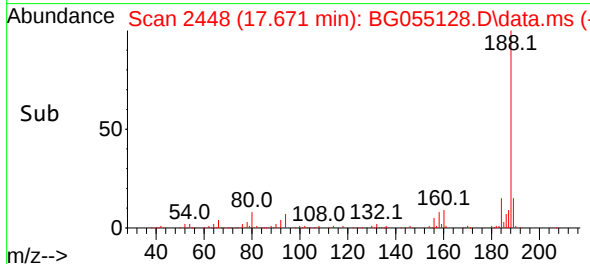
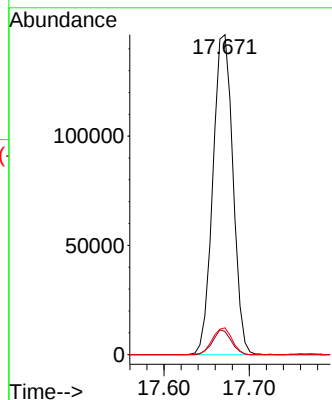
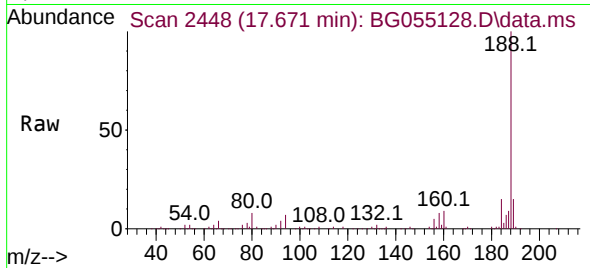




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

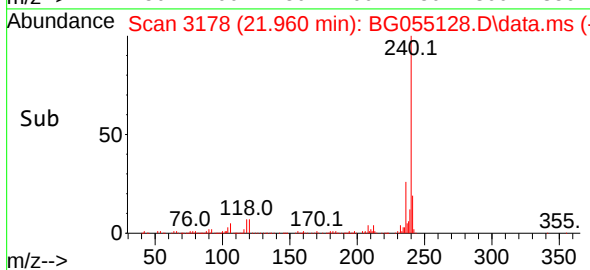
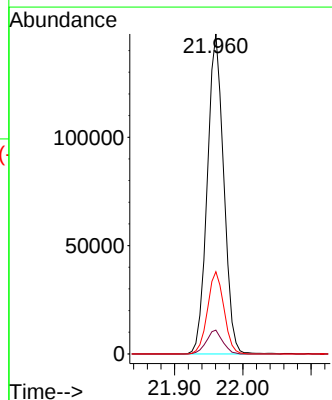
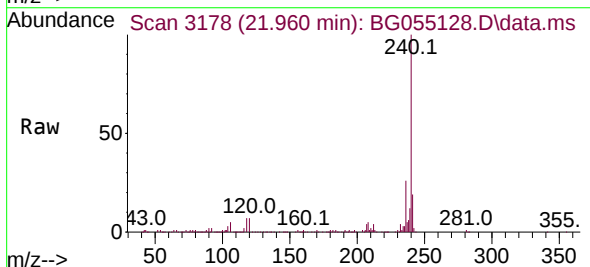
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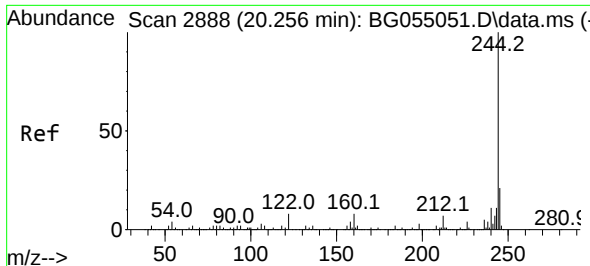
Tgt Ion:188 Resp: 238721
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.2
80 8.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.960 min Scan# 3178
Delta R.T. -0.008 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

Tgt Ion:240 Resp: 246777
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.4
236 25.7 20.6 30.8

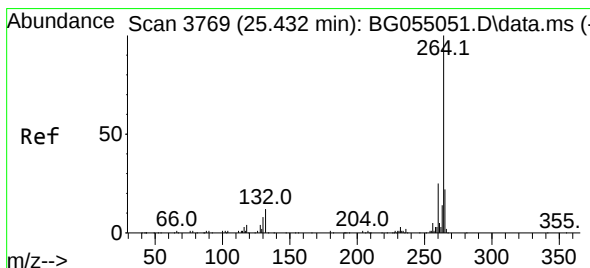
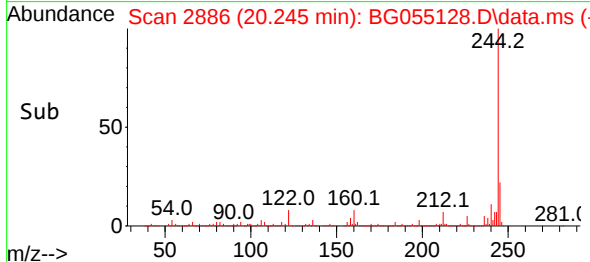
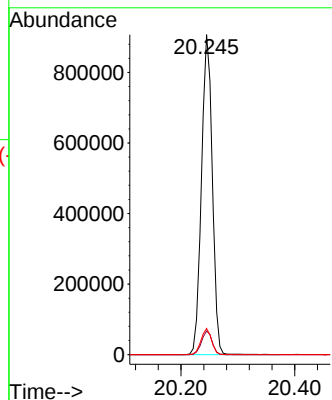
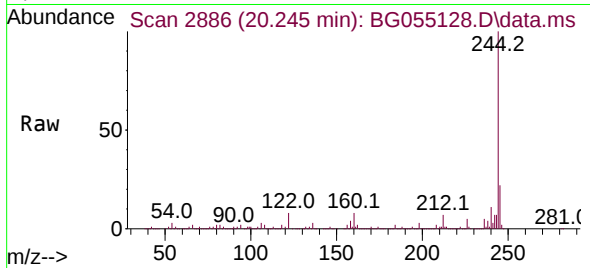




#79
 Terphenyl-d14
 Concen: 97.607 ng
 RT: 20.245 min Scan# 2888
 Delta R.T. -0.008 min
 Lab File: BG055128.D
 Acq: 11 Oct 2022 15:51

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1191736
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 8.2 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.409 min Scan# 3765
 Delta R.T. -0.008 min
 Lab File: BG055128.D
 Acq: 11 Oct 2022 15:51

Tgt Ion:264 Resp: 255986
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.7 29.5
 265 20.8 17.8 26.6

