

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055107.D
 Acq On : 7 Oct 2022 20:28
 Operator : CG/JU
 Sample : N5046-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-10

Quant Time: Oct 08 03:11:21 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	21479	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	91304	20.000	ng	# 0.00
39) Acenaphthene-d10	14.939	164	73316	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	170674	20.000	ng	0.00
76) Chrysene-d12	21.966	240	172406	20.000	ng	0.00
86) Perylene-d12	25.409	264	191424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	135965	140.601	ng	0.00
7) Phenol-d6	7.460	99	194092	133.957	ng	0.00
23) Nitrobenzene-d5	9.505	82	119738	78.363	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	135943	176.086	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	333930	71.104	ng	0.00
79) Terphenyl-d14	20.245	244	611592	71.700	ng	0.00

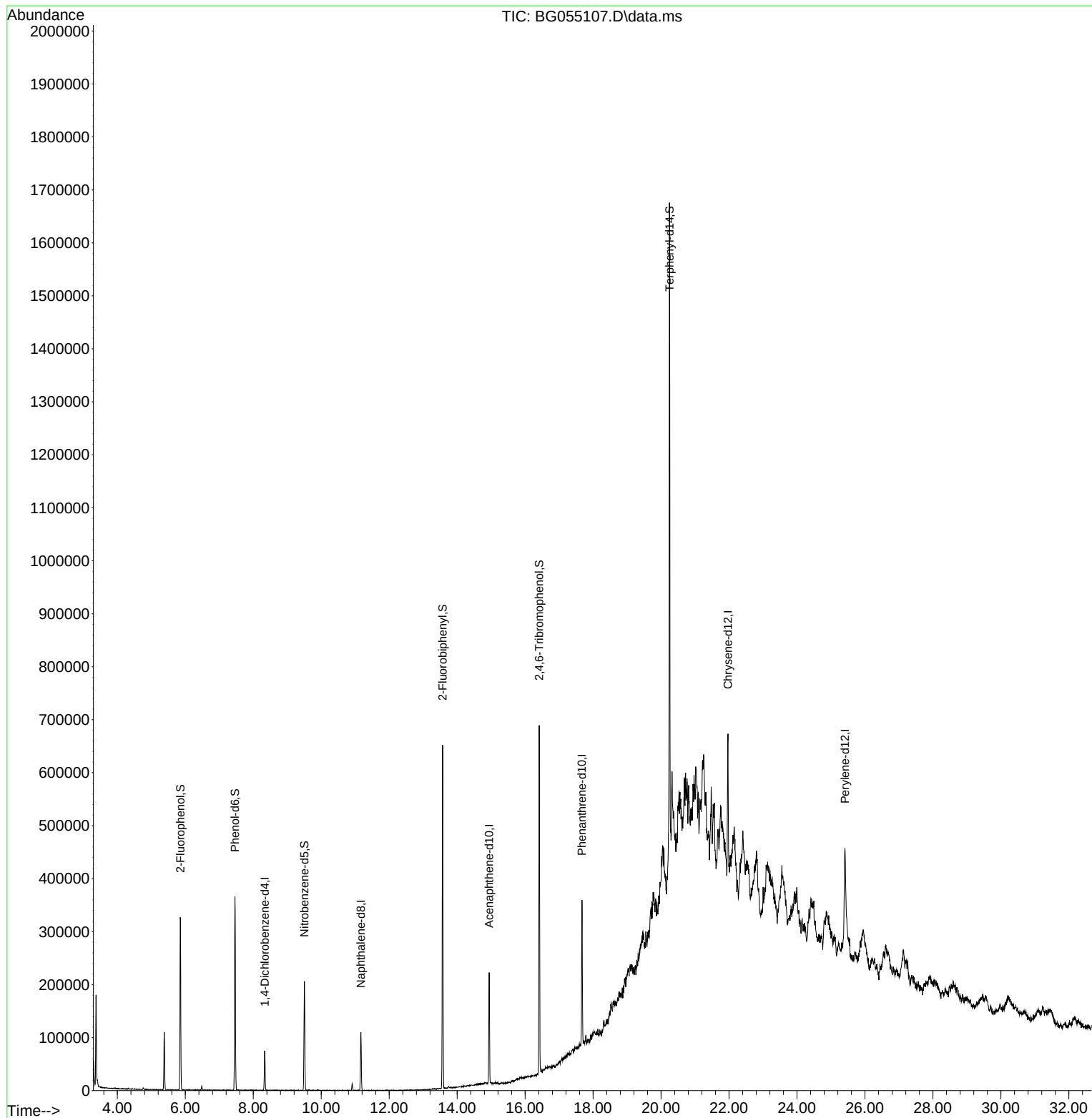
Target Compounds	Qvalue

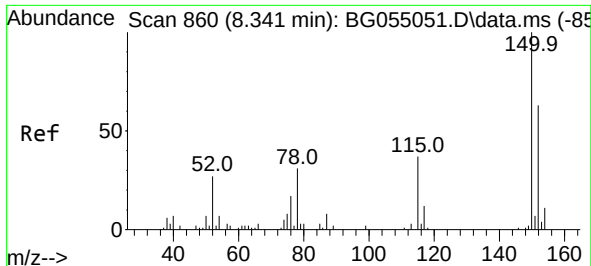
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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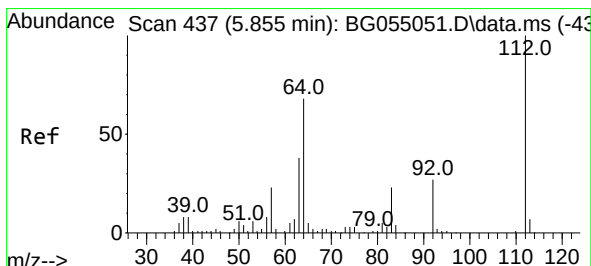
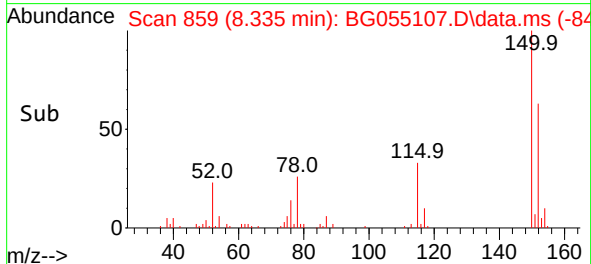
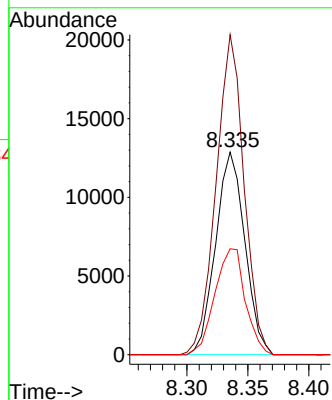
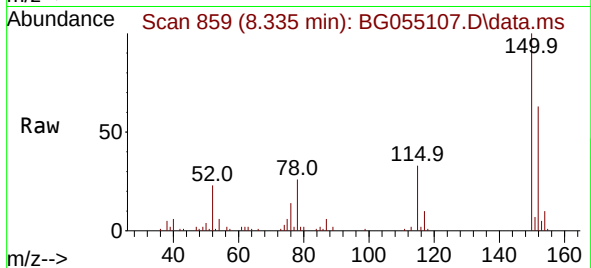




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

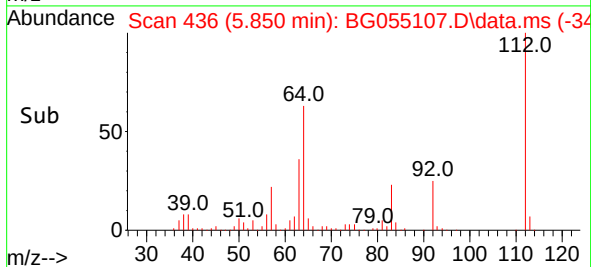
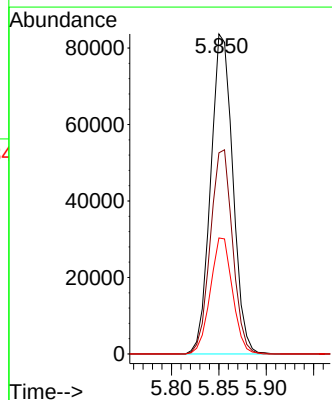
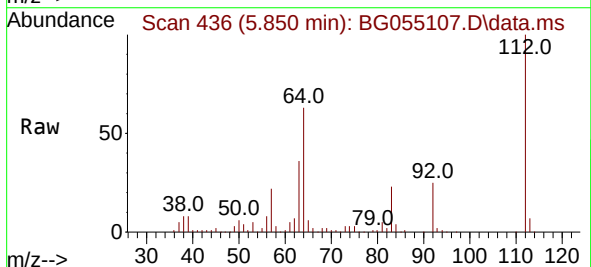
Instrument :
BNA_G
ClientSampleId :
R-10

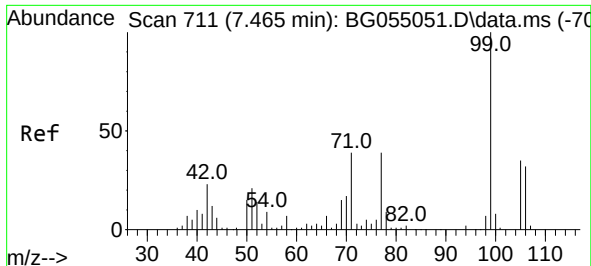
Tgt Ion:152 Resp: 21479
Ion Ratio Lower Upper
152 100
150 158.0 128.0 192.0
115 52.3 47.7 71.5



#5
2-Fluorophenol
Concen: 140.601 ng
RT: 5.850 min Scan# 436
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

Tgt Ion:112 Resp: 135965
Ion Ratio Lower Upper
112 100
64 62.9 54.5 81.7
63 36.2 30.5 45.7

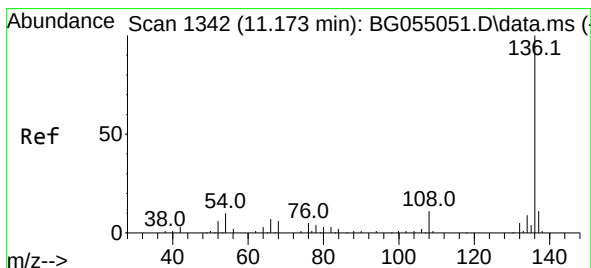
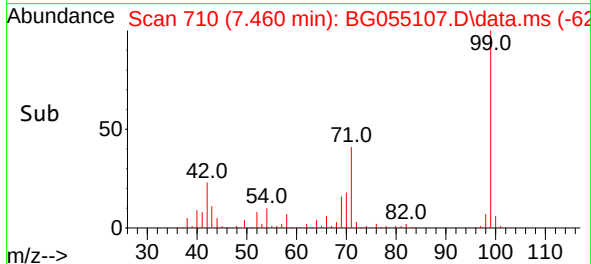
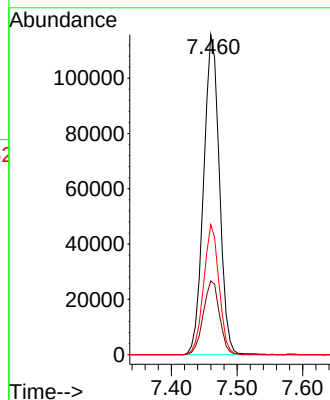
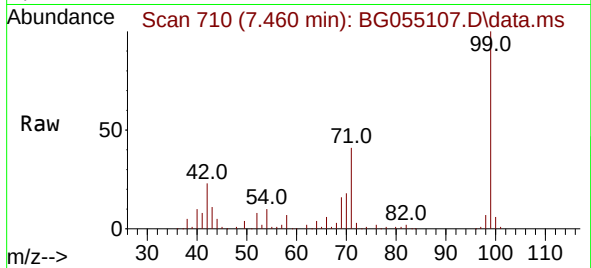




#7
Phenol-d6
Concen: 133.957 ng
RT: 7.460 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

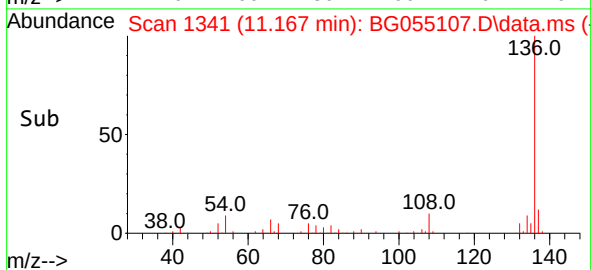
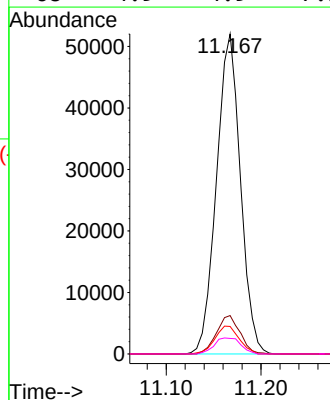
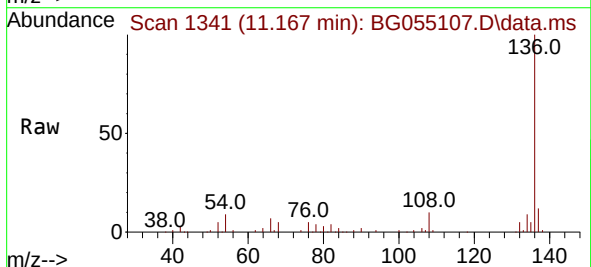
Instrument :
BNA_G
ClientSampleId :
R-10

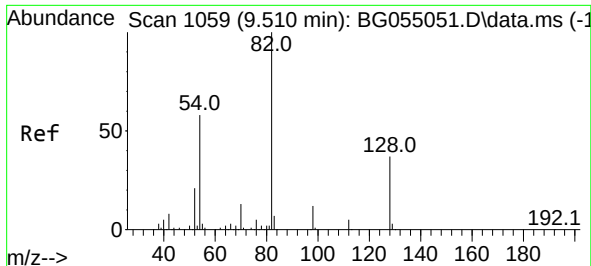
Tgt Ion: 99 Resp: 194092
Ion Ratio Lower Upper
99 100
42 23.1 18.6 28.0
71 40.7 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1341
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

Tgt Ion:136 Resp: 91304
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 8.6 8.2 12.4
68 4.9 4.9 7.3#

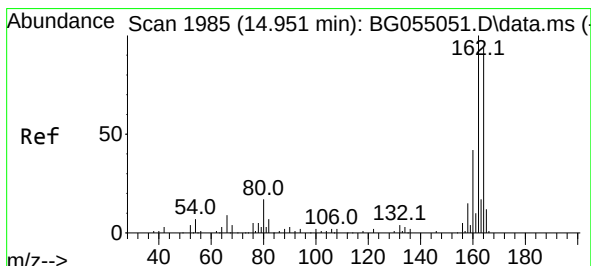
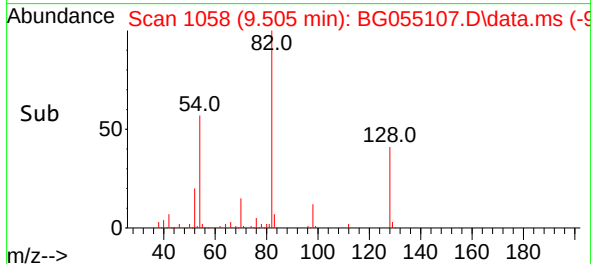
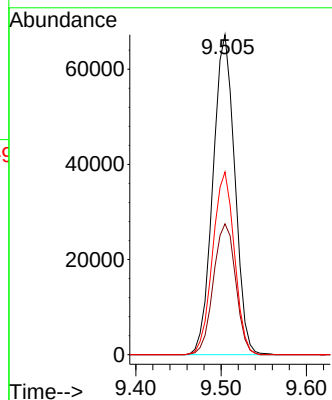
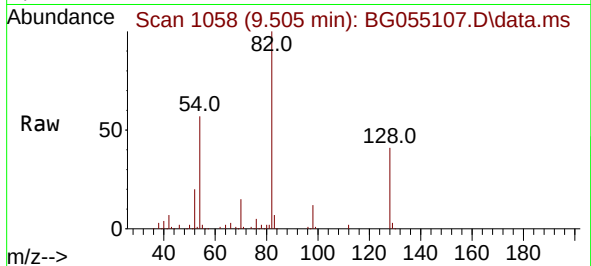




#23
Nitrobenzene-d5
Concen: 78.363 ng
RT: 9.505 min Scan# 1058
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

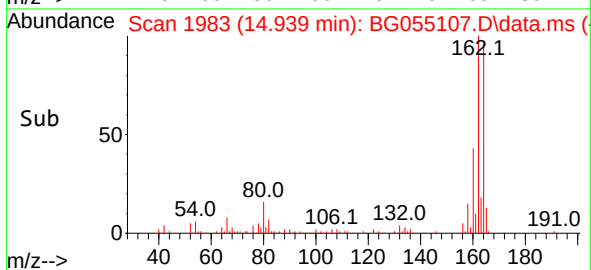
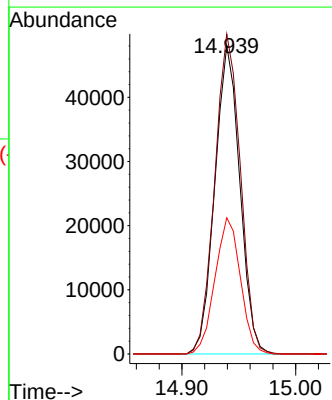
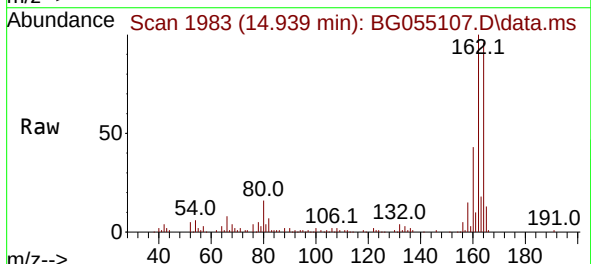
Instrument :
BNA_G
ClientSampleId :
R-10

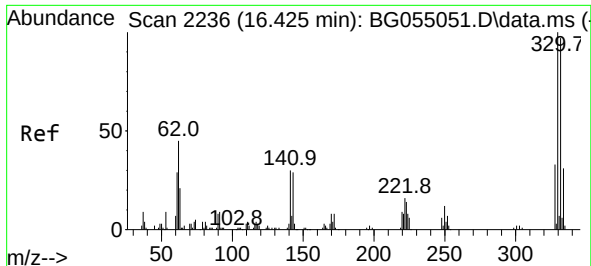
Tgt Ion: 82 Resp: 119738
Ion Ratio Lower Upper
82 100
128 40.9 29.5 44.3
54 57.1 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

Tgt Ion:164 Resp: 73316
Ion Ratio Lower Upper
164 100
162 103.7 85.5 128.3
160 44.1 35.5 53.3

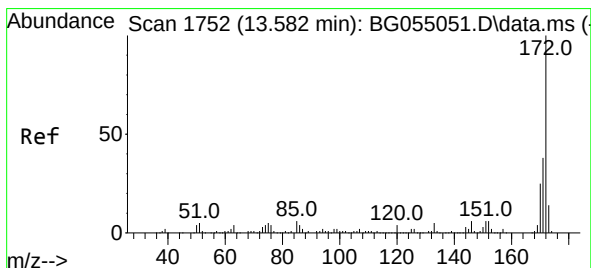
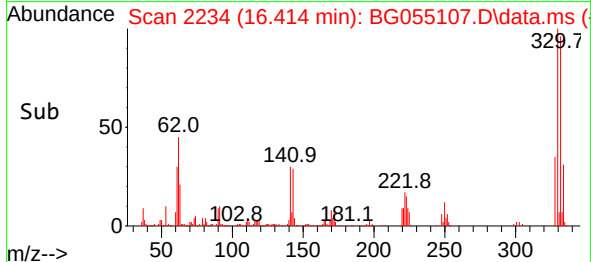
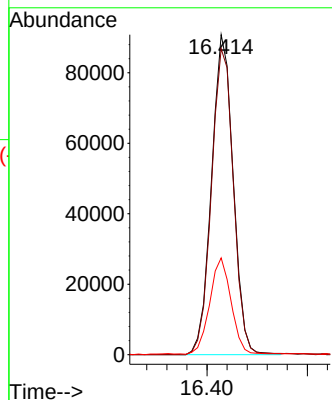
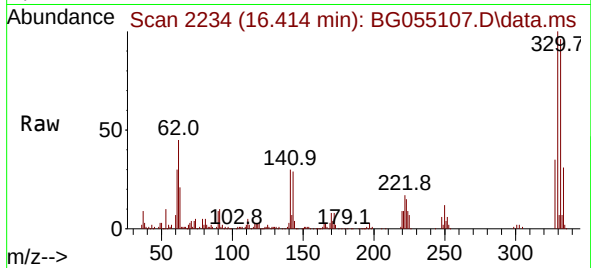




#42
2,4,6-Tribromophenol
Concen: 176.086 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

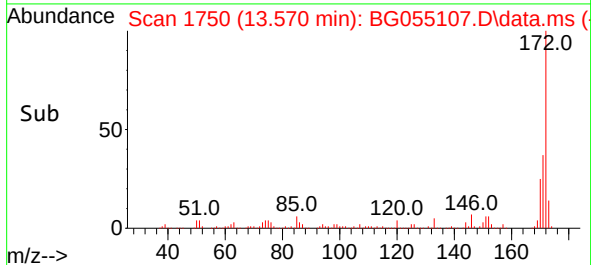
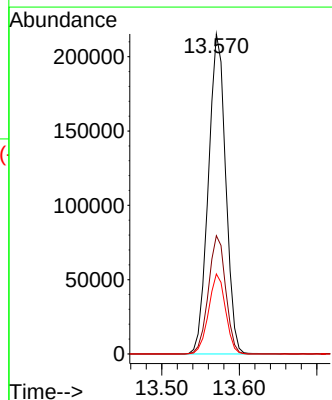
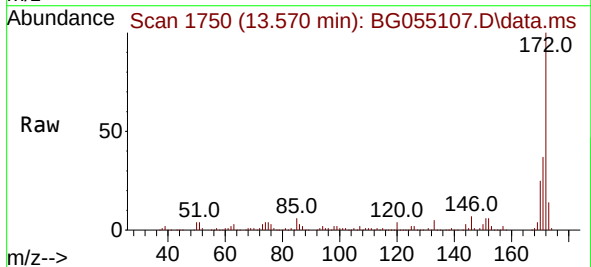
Instrument :
BNA_G
ClientSampleId :
R-10

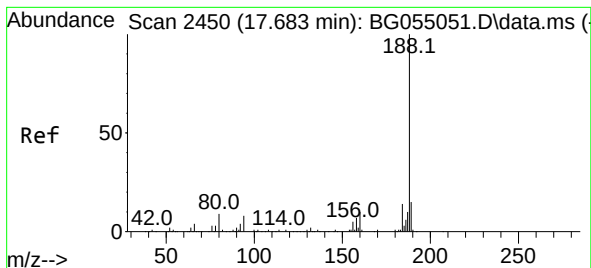
Tgt Ion:330 Resp: 135943
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 29.5 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 71.104 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

Tgt Ion:172 Resp: 333930
Ion Ratio Lower Upper
172 100
171 37.0 30.1 45.1
170 25.0 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.671 min Scan# 2448

Delta R.T. -0.002 min

Lab File: BG055107.D

Acq: 7 Oct 2022 20:28

Instrument :

BNA_G

ClientSampleId :

R-10

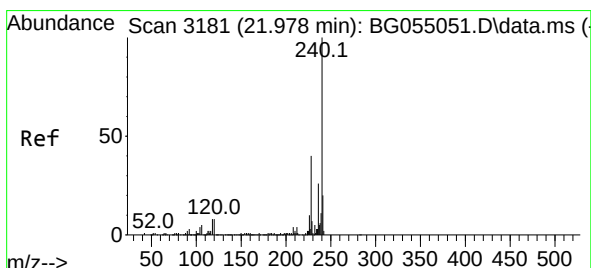
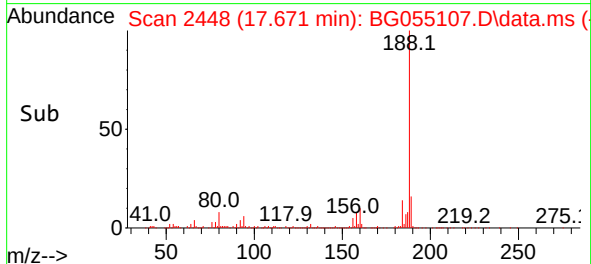
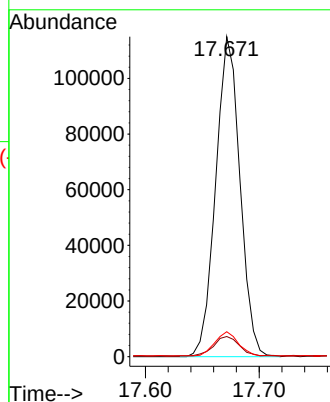
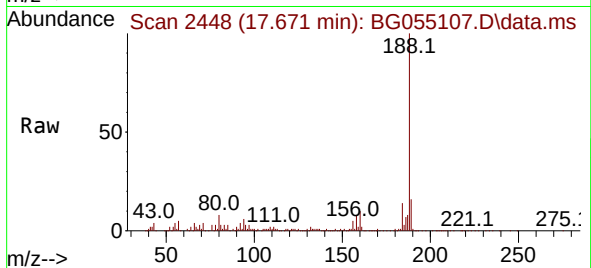
Tgt Ion:188 Resp: 170674

Ion Ratio Lower Upper

188 100

94 6.3 6.2 9.2

80 7.8 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.966 min Scan# 3179

Delta R.T. -0.002 min

Lab File: BG055107.D

Acq: 7 Oct 2022 20:28

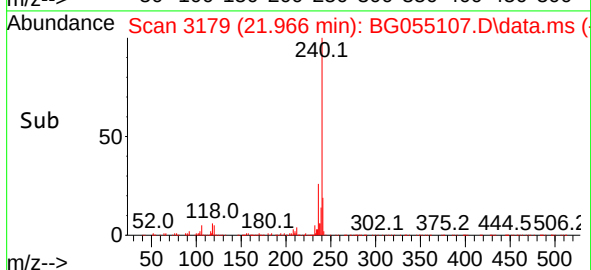
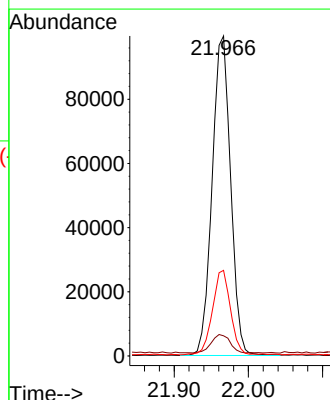
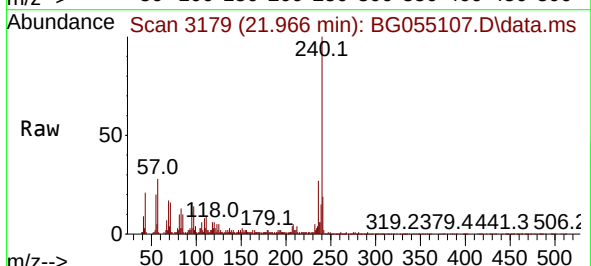
Tgt Ion:240 Resp: 172406

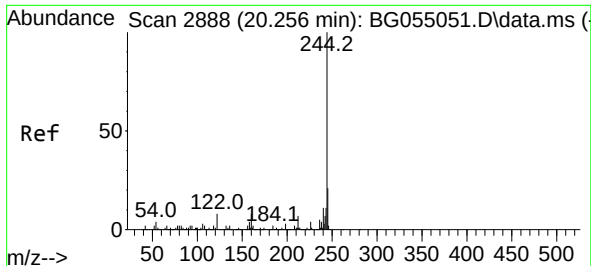
Ion Ratio Lower Upper

240 100

120 6.3 6.2 9.4

236 26.8 20.6 30.8

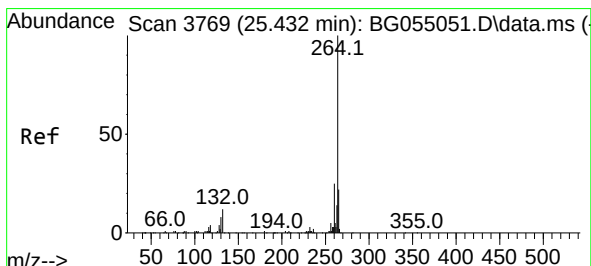
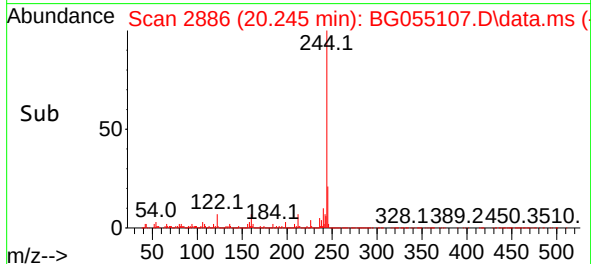
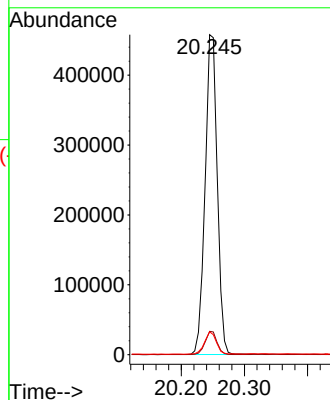
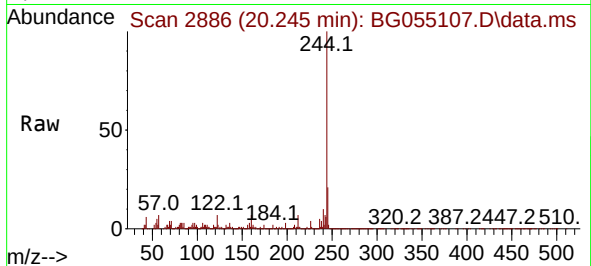




#79
 Terphenyl-d14
 Concen: 71.700 ng
 RT: 20.245 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG055107.D
 Acq: 7 Oct 2022 20:28

Instrument :
 BNA_G
 ClientSampleId :
 R-10

Tgt Ion:244 Resp: 611592
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.1 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: BG055107.D
 Acq: 7 Oct 2022 20:28

Tgt Ion:264 Resp: 191424
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.7 29.5
 265 22.6 17.8 26.6

