

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056258.D
 Acq On : 11 Jan 2023 20:05
 Operator : CG/JU
 Sample : 01069-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Jan 12 04:23:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	37959	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	140583	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	118336	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	312700	20.000	ng	0.00
76) Chrysene-d12	21.955	240	310048	20.000	ng	# 0.00
86) Perylene-d12	25.392	264	344661	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	239784	112.788	ng	0.00
7) Phenol-d6	7.448	99	343175	105.111	ng	0.00
23) Nitrobenzene-d5	9.487	82	177930	64.740	ng	0.00
42) 2,4,6-Tribromophenol	16.402	330	145636	97.174	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	496983	57.994	ng	0.00
79) Terphenyl-d14	20.239	244	955034	55.169	ng	0.00

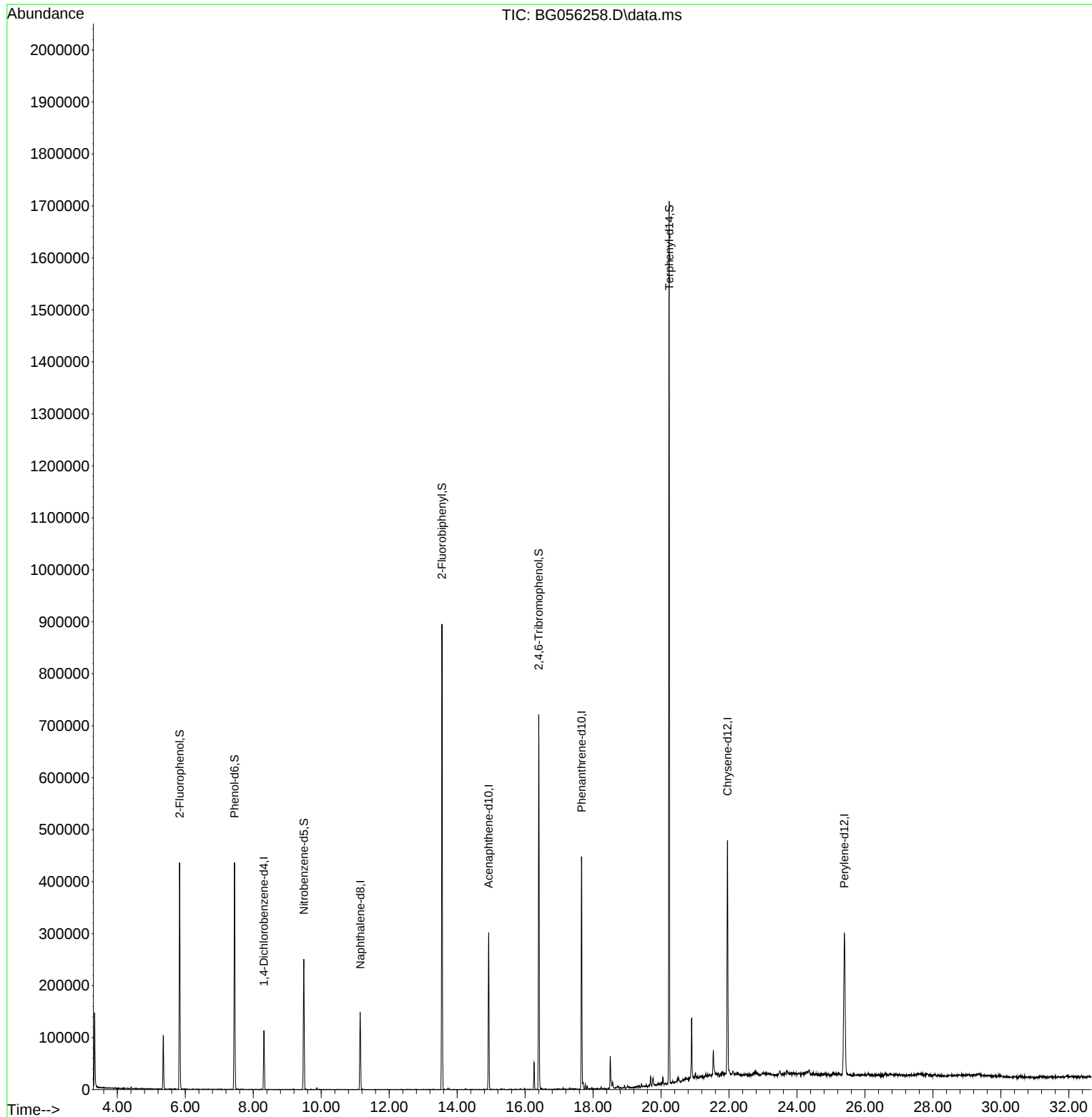
Target Compounds Qvalue

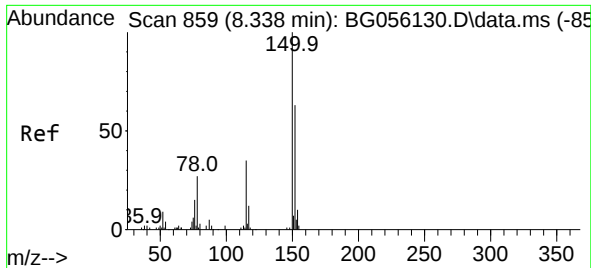
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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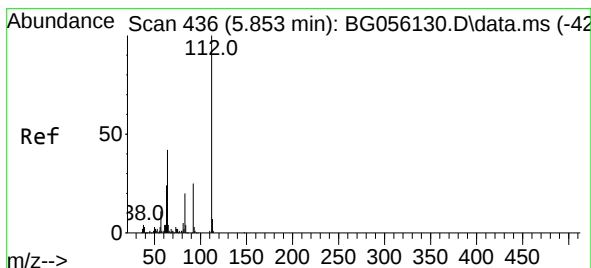
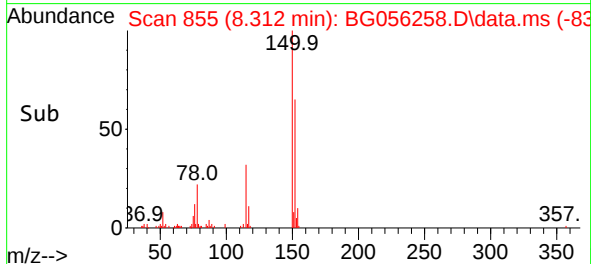
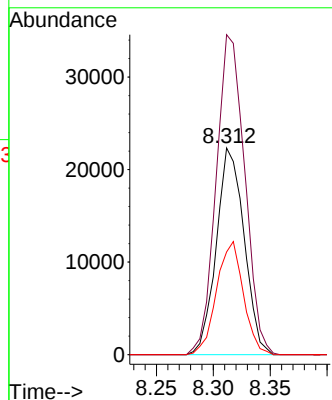
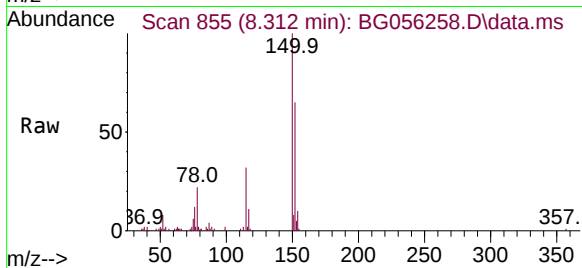




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.312 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BG056258.D
 Acq: 11 Jan 2023 20:05

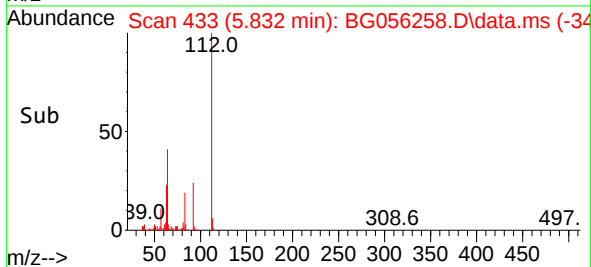
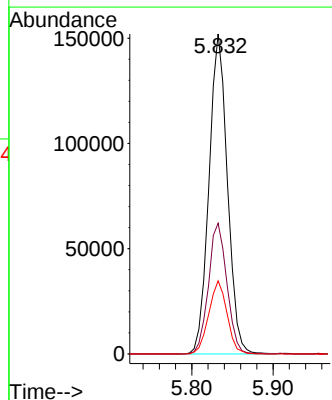
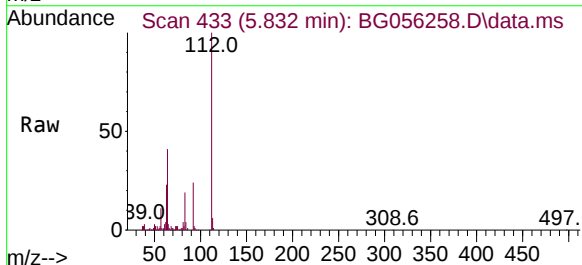
Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:152 Resp: 37959
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.9 191.9
 115 49.7 44.2 66.2



#5
 2-Fluorophenol
 Concen: 112.788 ng
 RT: 5.832 min Scan# 433
 Delta R.T. 0.007 min
 Lab File: BG056258.D
 Acq: 11 Jan 2023 20:05

Tgt Ion:112 Resp: 239784
 Ion Ratio Lower Upper
 112 100
 64 40.8 33.3 49.9
 63 22.8 19.0 28.4

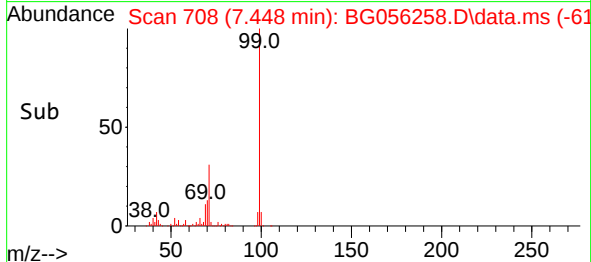
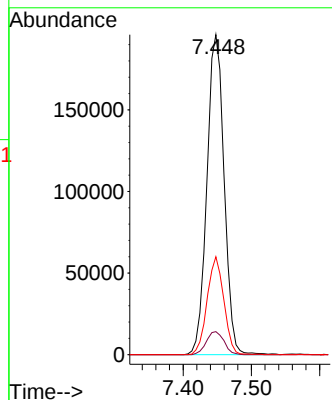
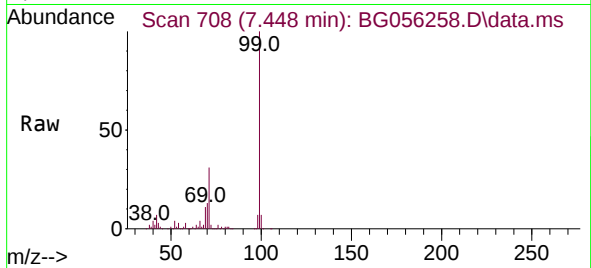




#7
Phenol-d6
Concen: 105.111 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

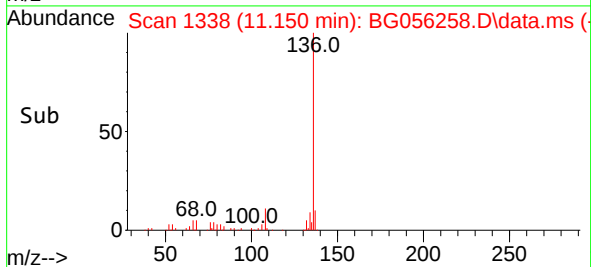
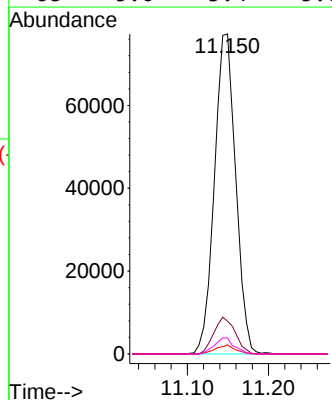
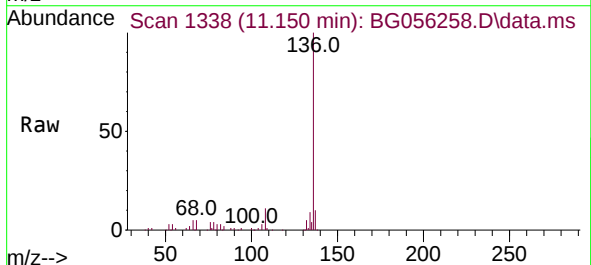
Instrument :
BNA_G
ClientSampleId :
TP-7

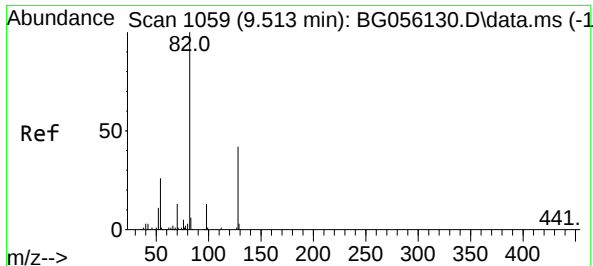
Tgt Ion: 99 Resp: 343175
Ion Ratio Lower Upper
99 100
42 7.2 5.9 8.9
71 30.6 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 1338
Delta R.T. 0.001 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

Tgt Ion:136 Resp: 140583
Ion Ratio Lower Upper
136 100
137 10.2 9.4 14.0
54 2.8 2.2 3.2
68 5.0 3.4 5.0





#23

Nitrobenzene-d5

Concen: 64.740 ng

RT: 9.487 min Scan# 1055

Delta R.T. -0.005 min

Lab File: BG056258.D

Acq: 11 Jan 2023 20:05

Instrument :

BNA_G

ClientSampleId :

TP-7

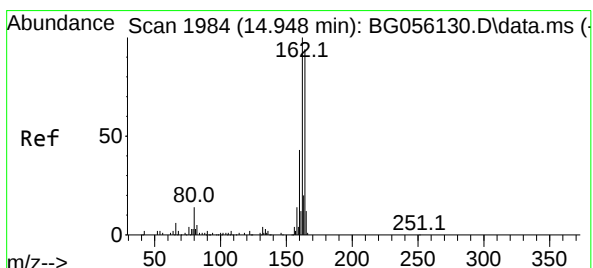
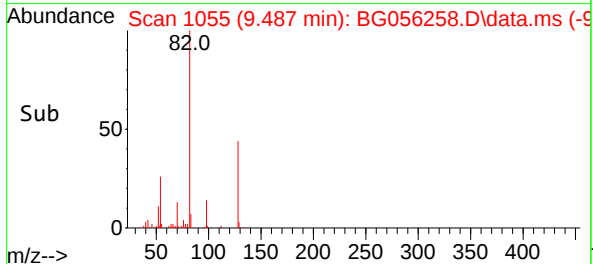
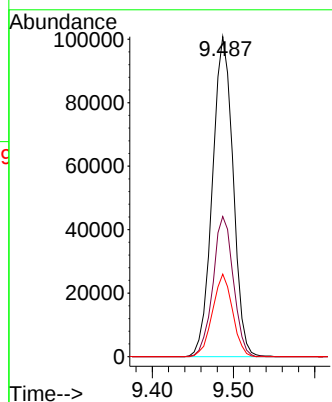
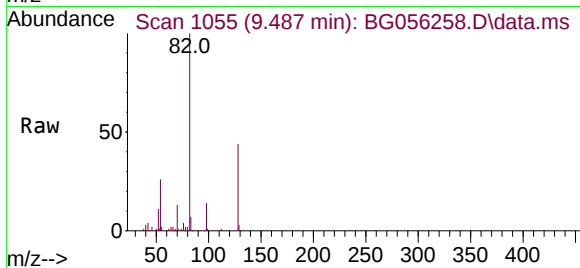
Tgt Ion: 82 Resp: 177930

Ion Ratio Lower Upper

82 100

128 43.8 33.4 50.2

54 25.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.927 min Scan# 1981

Delta R.T. 0.001 min

Lab File: BG056258.D

Acq: 11 Jan 2023 20:05

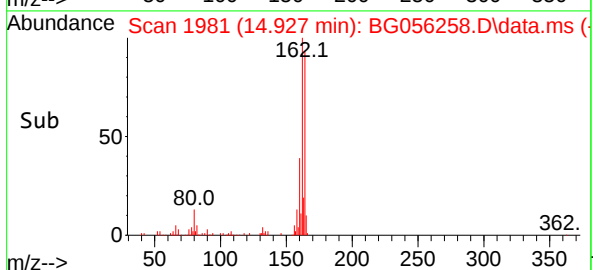
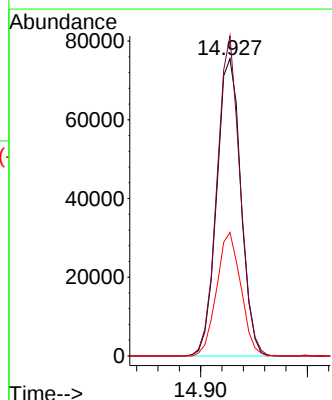
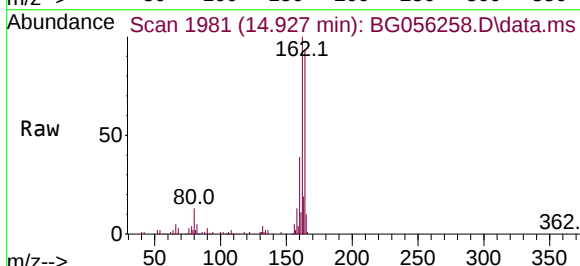
Tgt Ion:164 Resp: 118336

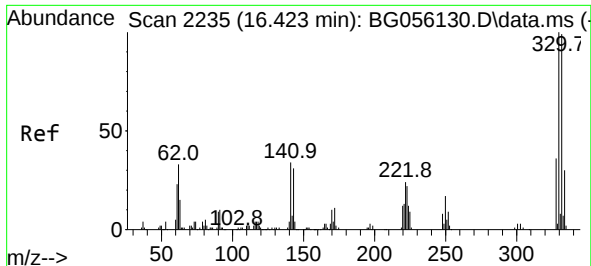
Ion Ratio Lower Upper

164 100

162 107.7 84.7 127.1

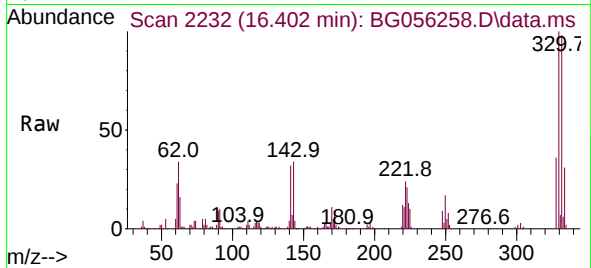
160 41.6 36.3 54.5



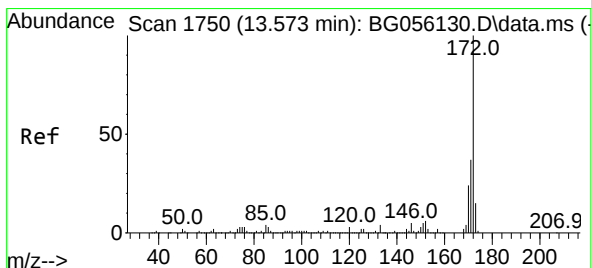
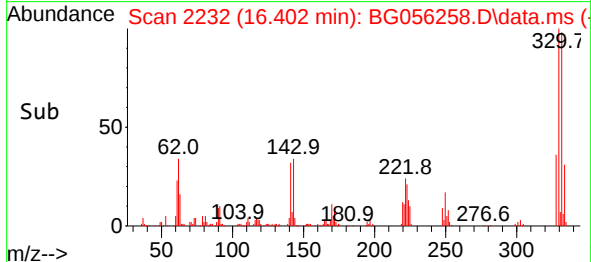
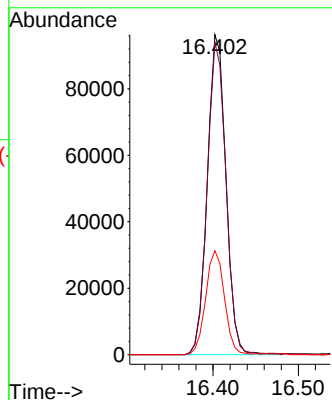


#42
2,4,6-Tribromophenol
Concen: 97.174 ng
RT: 16.402 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

Instrument :
BNA_G
ClientSampleId :
TP-7

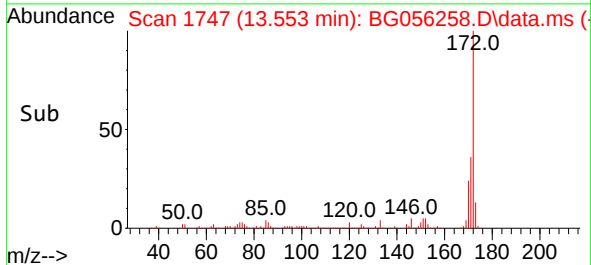
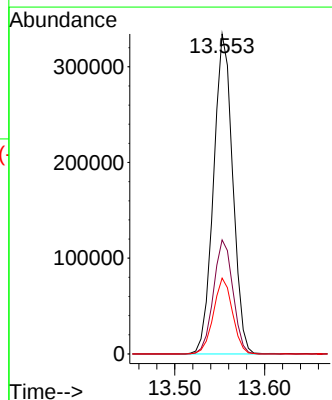
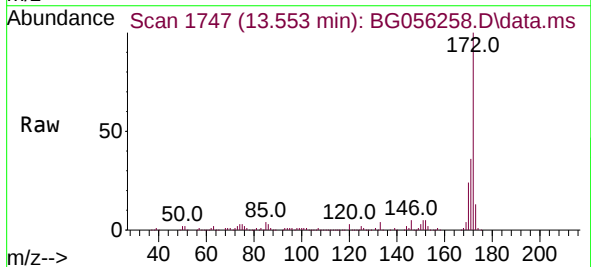


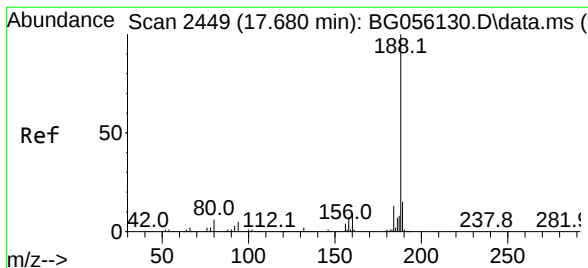
Tgt Ion:330 Resp: 145636
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 33.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 57.994 ng
RT: 13.553 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

Tgt Ion:172 Resp: 496983
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.7 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.660 min Scan# 2446

Delta R.T. -0.005 min

Lab File: BG056258.D

Acq: 11 Jan 2023 20:05

Instrument :

BNA_G

ClientSampleId :

TP-7

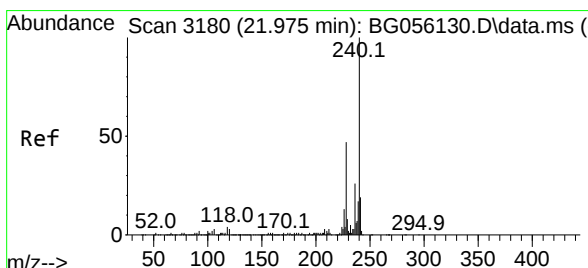
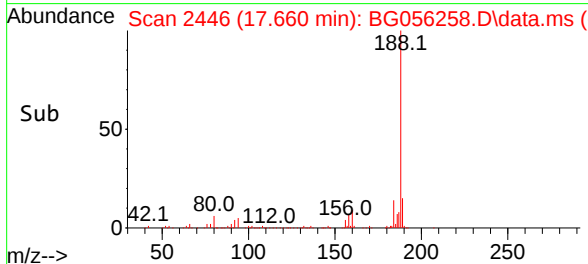
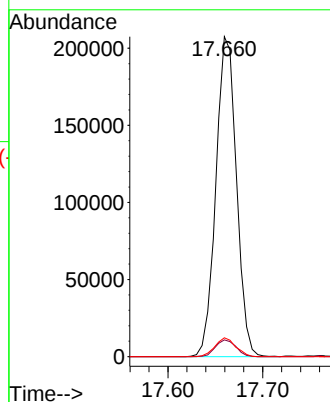
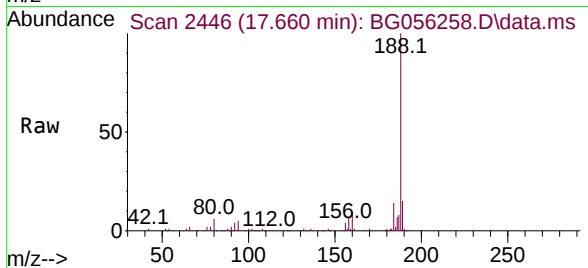
Tgt Ion:188 Resp: 312700

Ion Ratio Lower Upper

188 100

94 5.2 4.2 6.2

80 5.9 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.955 min Scan# 3177

Delta R.T. -0.005 min

Lab File: BG056258.D

Acq: 11 Jan 2023 20:05

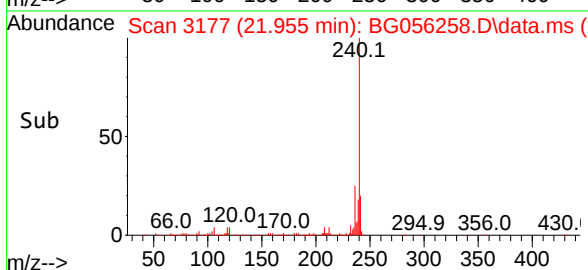
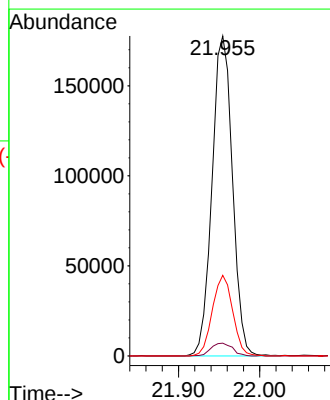
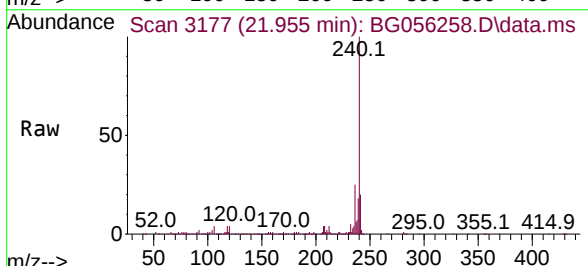
Tgt Ion:240 Resp: 310048

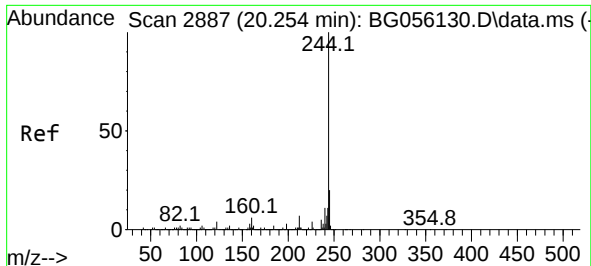
Ion Ratio Lower Upper

240 100

120 4.0 2.6 4.0#

236 25.2 20.8 31.2

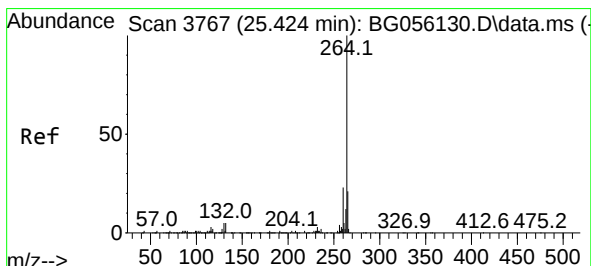
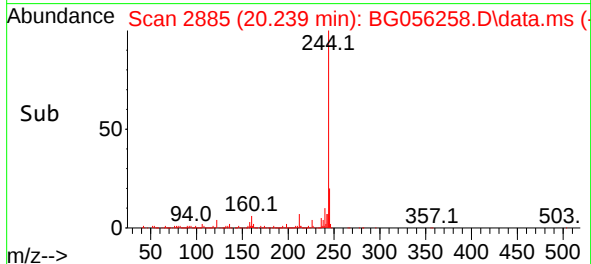
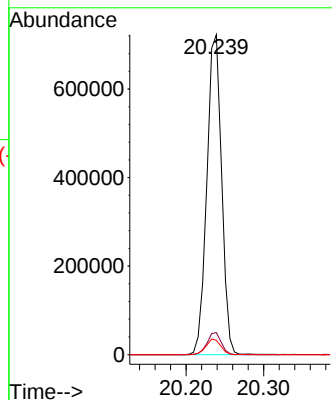
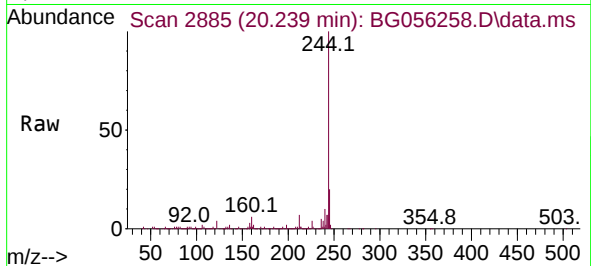




#79
 Terphenyl-d14
 Concen: 55.169 ng
 RT: 20.239 min Scan# 2885
 Delta R.T. 0.001 min
 Lab File: BG056258.D
 Acq: 11 Jan 2023 20:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:244 Resp: 955034
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 4.5 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.392 min Scan# 3762
 Delta R.T. -0.011 min
 Lab File: BG056258.D
 Acq: 11 Jan 2023 20:05

Tgt Ion:264 Resp: 344661
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.1 16.7 25.1

