

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
 Data File : BG056350.D
 Acq On : 19 Jan 2023 17:01
 Operator : CG/JU
 Sample : 01172-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-F

Quant Time: Jan 20 01:35:24 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 19 00:31:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.303	152	36606	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	133985	20.000	ng	0.00
39) Acenaphthene-d10	14.918	164	105442	20.000	ng	0.00
64) Phenanthrene-d10	17.656	188	299711	20.000	ng	0.00
76) Chrysene-d12	21.951	240	312804	20.000	ng	# 0.00
86) Perylene-d12	25.383	264	334267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	285200	139.109	ng	0.00
7) Phenol-d6	7.445	99	353984	112.429	ng	0.00
23) Nitrobenzene-d5	9.478	82	224825	85.832	ng	0.00
42) 2,4,6-Tribromophenol	16.399	330	227817	170.598	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	721976	94.552	ng	0.00
79) Terphenyl-d14	20.230	244	1767845	101.223	ng	0.00

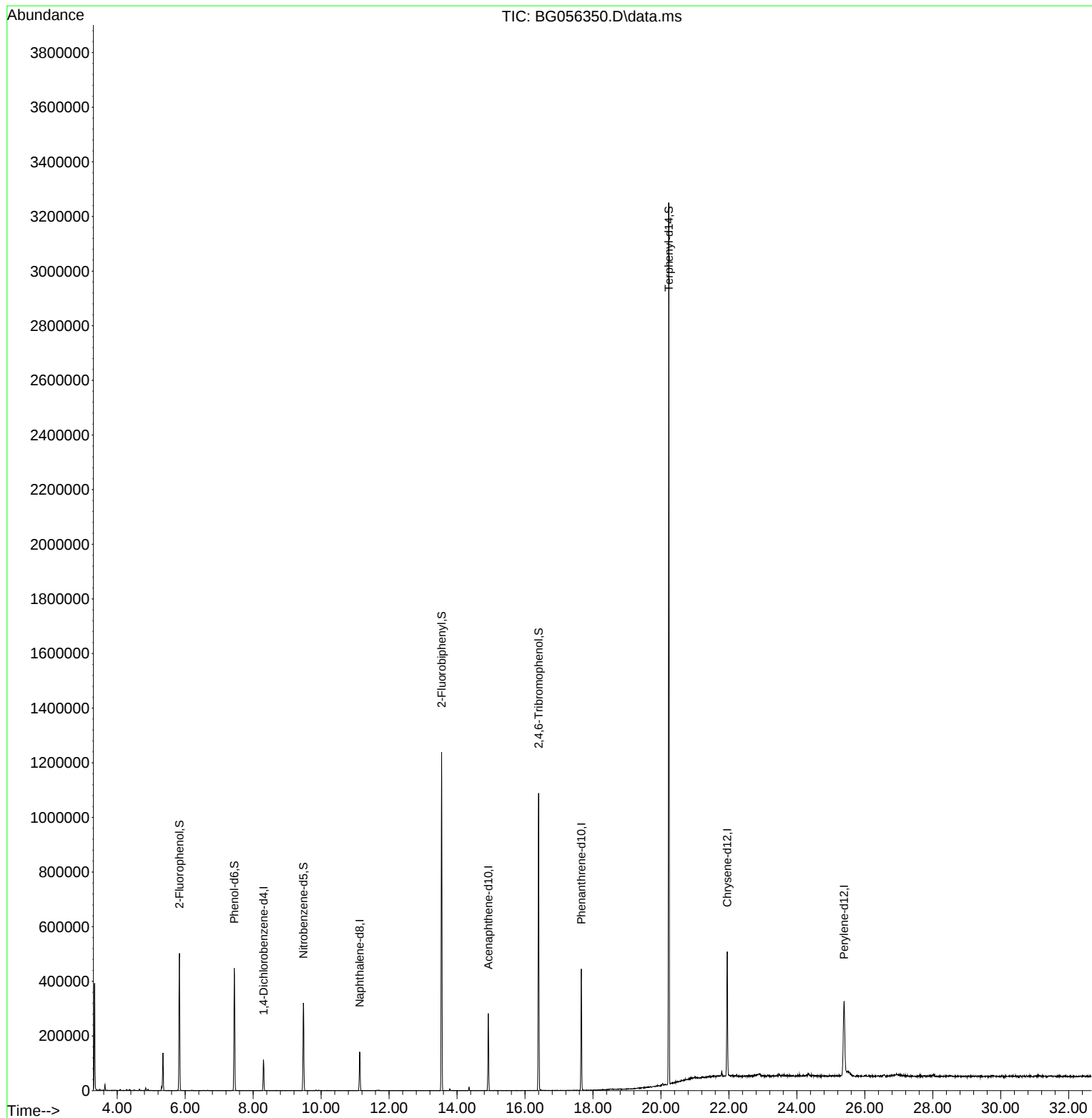
Target Compounds Qvalue

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

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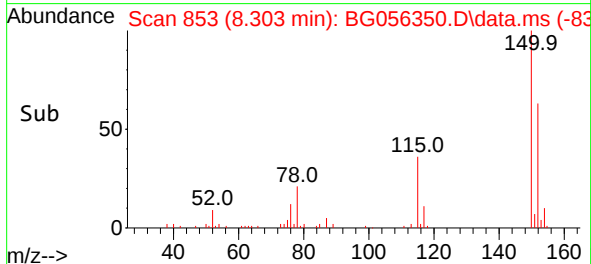
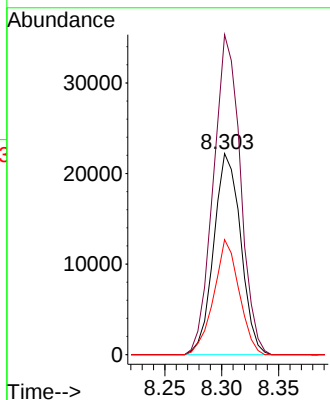
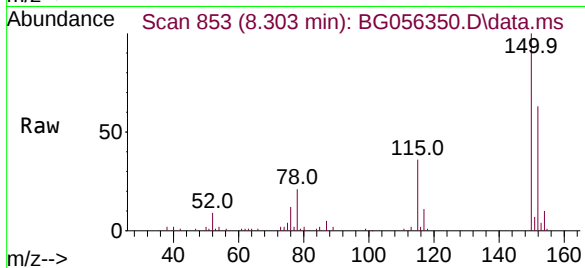




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.303 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056350.D
Acq: 19 Jan 2023 17:01

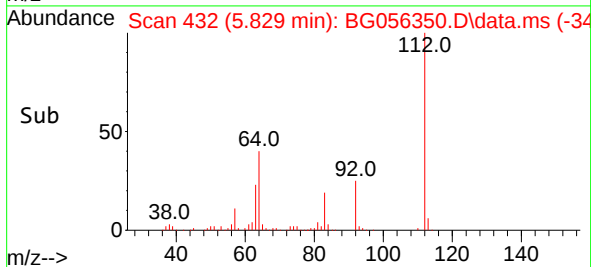
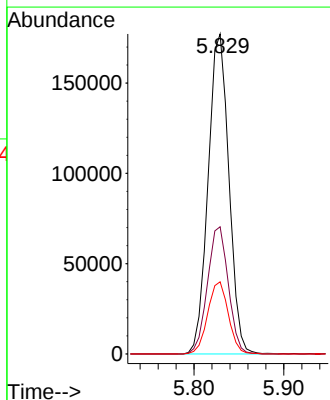
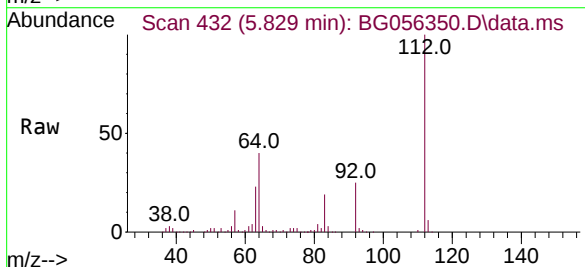
Instrument :
BNA_G
ClientSampleId :
TP-F

Tgt Ion:152 Resp: 36606
Ion Ratio Lower Upper
152 100
150 159.2 127.9 191.9
115 57.2 44.2 66.2



#5
2-Fluorophenol
Concen: 139.109 ng
RT: 5.829 min Scan# 432
Delta R.T. 0.002 min
Lab File: BG056350.D
Acq: 19 Jan 2023 17:01

Tgt Ion:112 Resp: 285200
Ion Ratio Lower Upper
112 100
64 39.7 33.3 49.9
63 22.5 19.0 28.4

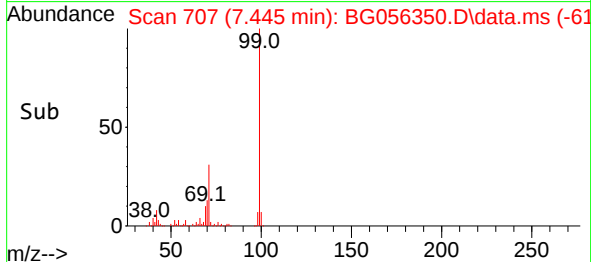
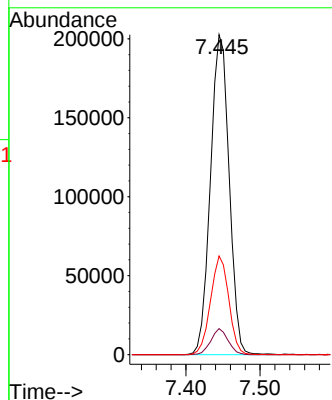
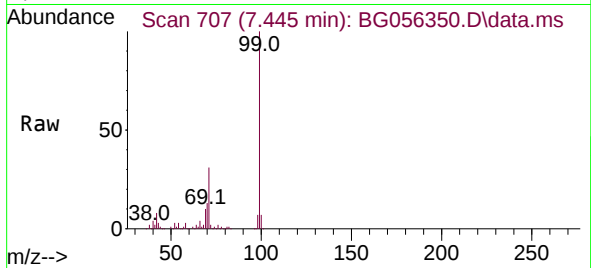




#7
Phenol-d6
Concen: 112.429 ng
RT: 7.445 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG056350.D
Acq: 19 Jan 2023 17:01

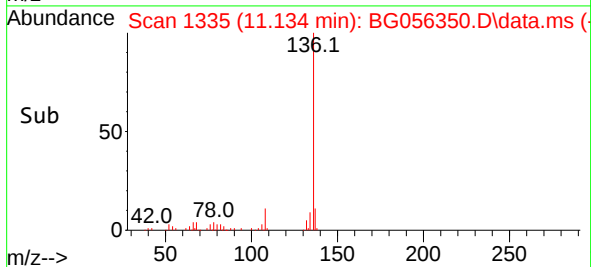
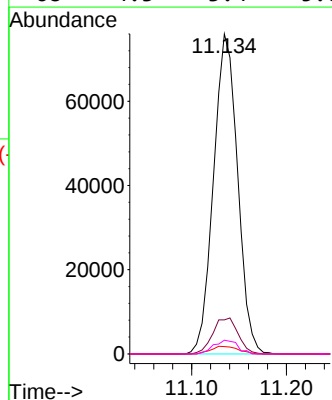
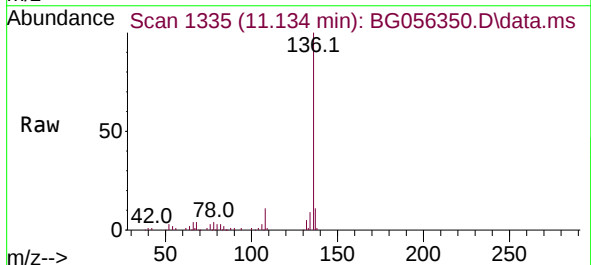
Instrument :
BNA_G
ClientSampleId :
TP-F

Tgt Ion: 99 Resp: 353984
Ion Ratio Lower Upper
99 100
42 8.1 5.9 8.9
71 30.8 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 1335
Delta R.T. -0.003 min
Lab File: BG056350.D
Acq: 19 Jan 2023 17:01

Tgt Ion:136 Resp: 133985
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.0
54 2.3 2.2 3.2
68 4.3 3.4 5.0





#23

Nitrobenzene-d5

Concen: 85.832 ng

RT: 9.478 min Scan# 1053

Delta R.T. -0.009 min

Lab File: BG056350.D

Acq: 19 Jan 2023 17:01

Instrument :

BNA_G

ClientSampleId :

TP-F

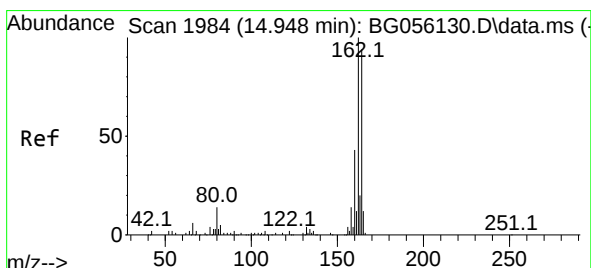
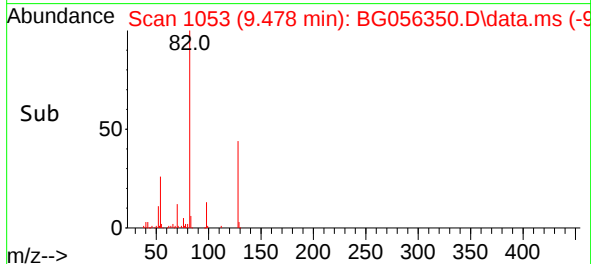
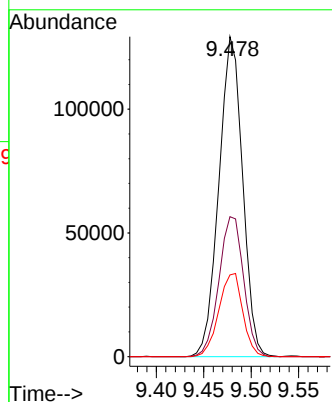
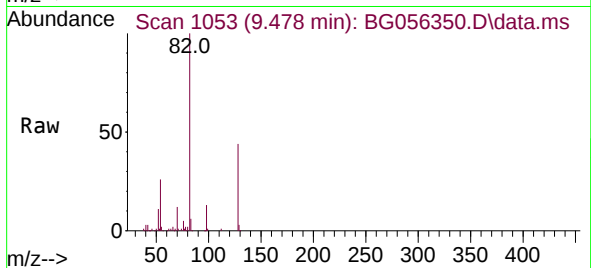
Tgt Ion: 82 Resp: 224825

Ion Ratio Lower Upper

82 100

128 43.7 33.4 50.2

54 25.5 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.918 min Scan# 1979

Delta R.T. -0.003 min

Lab File: BG056350.D

Acq: 19 Jan 2023 17:01

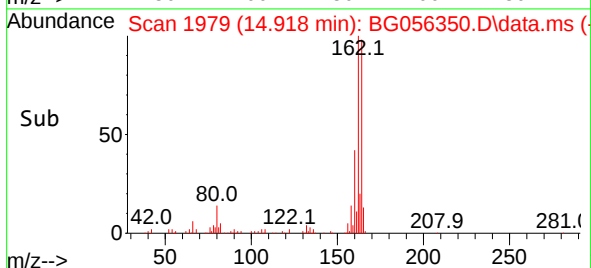
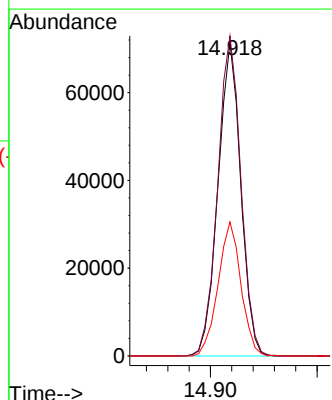
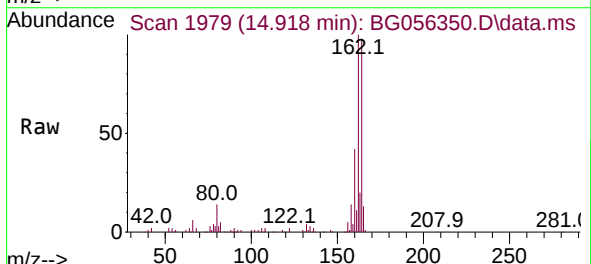
Tgt Ion:164 Resp: 105442

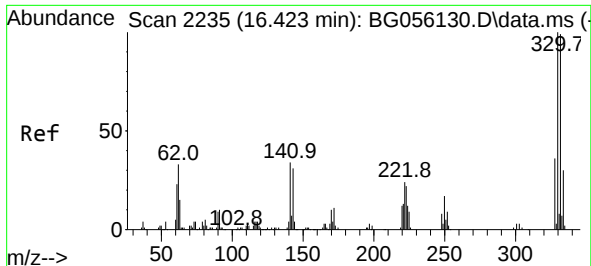
Ion Ratio Lower Upper

164 100

162 102.0 84.7 127.1

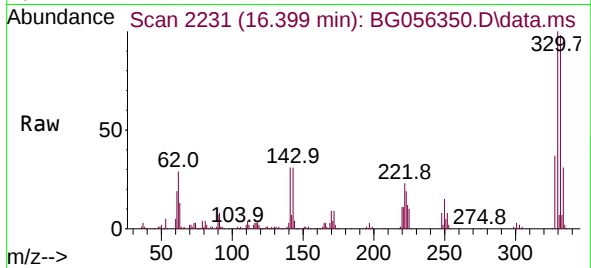
160 42.7 36.3 54.5



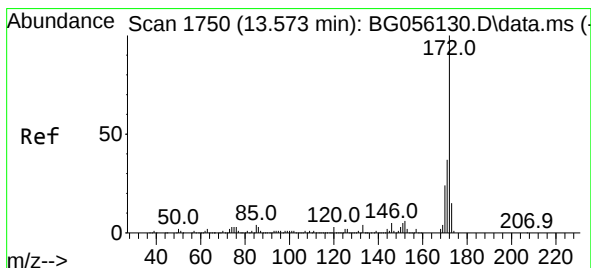
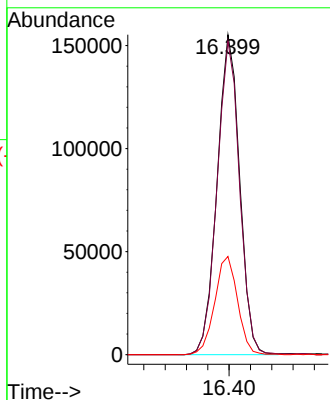
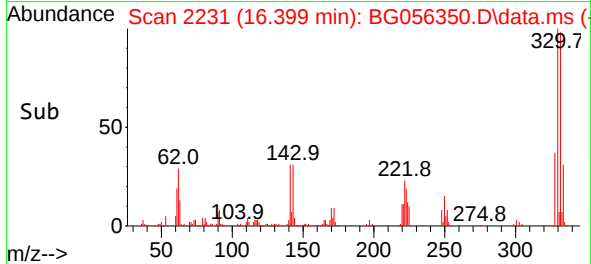


#42
2,4,6-Tribromophenol
Concen: 170.598 ng
RT: 16.399 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056350.D
Acq: 19 Jan 2023 17:01

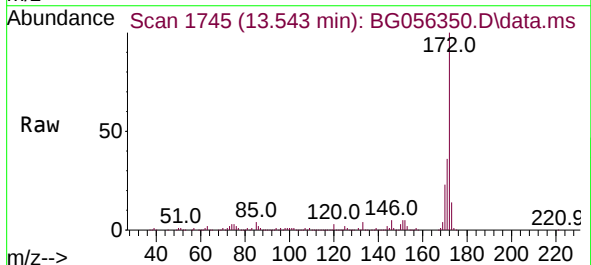
Instrument :
BNA_G
ClientSampleId :
TP-F



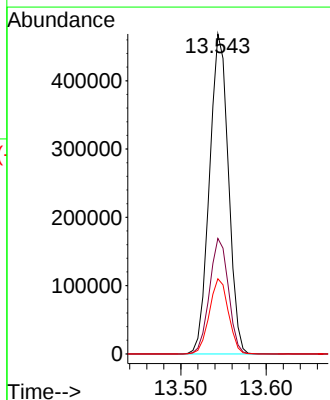
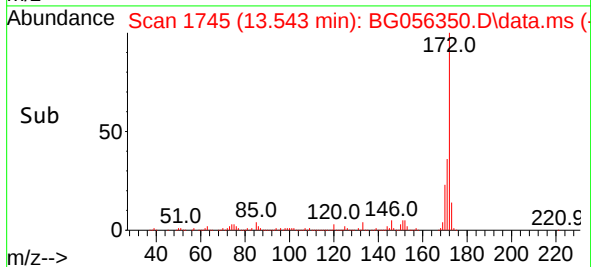
Tgt Ion:330 Resp: 227817
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 31.1 27.9 41.9

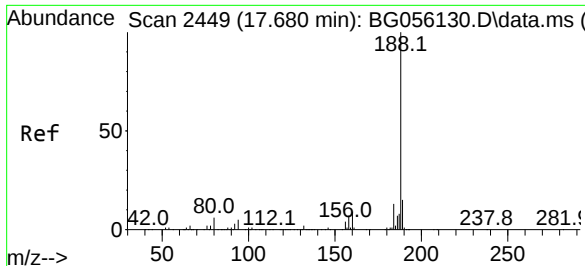


#45
2-Fluorobiphenyl
Concen: 94.552 ng
RT: 13.543 min Scan# 1745
Delta R.T. -0.003 min
Lab File: BG056350.D
Acq: 19 Jan 2023 17:01



Tgt Ion:172 Resp: 721976
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.5 19.4 29.2

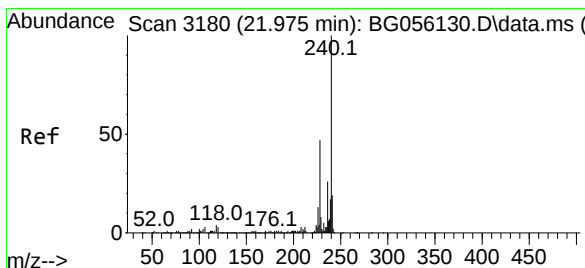
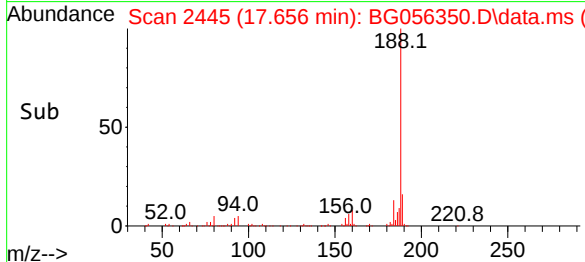
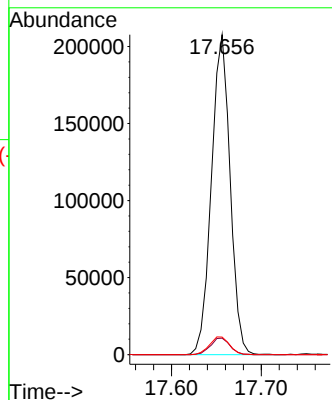
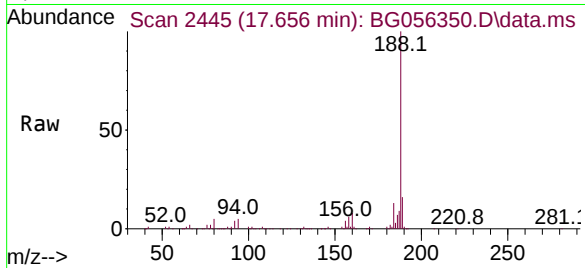




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.656 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG056350.D
Acq: 19 Jan 2023 17:01

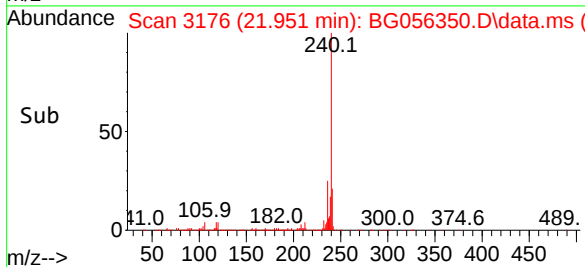
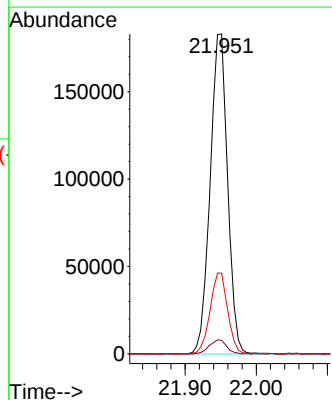
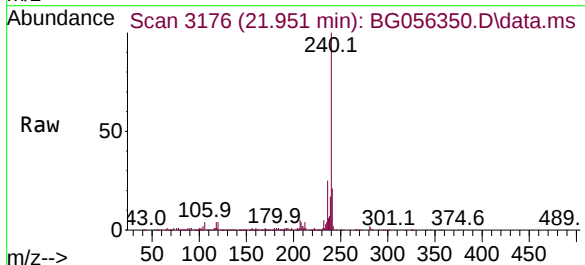
Instrument :
BNA_G
ClientSampleId :
TP-F

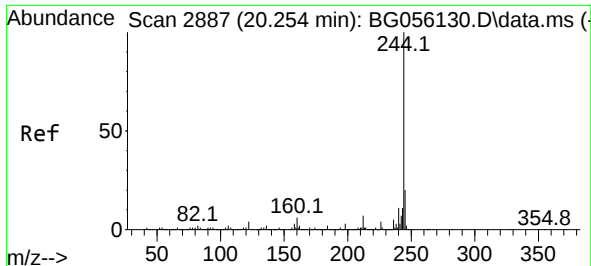
Tgt Ion:188 Resp: 299711
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.5 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.951 min Scan# 3176
Delta R.T. -0.003 min
Lab File: BG056350.D
Acq: 19 Jan 2023 17:01

Tgt Ion:240 Resp: 312804
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 25.2 20.8 31.2

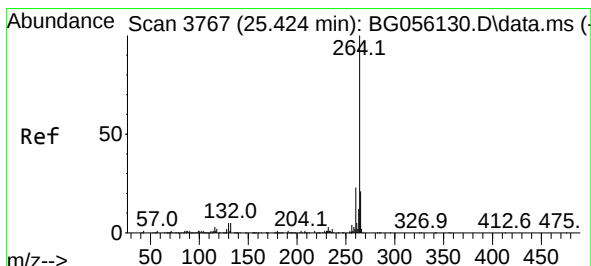
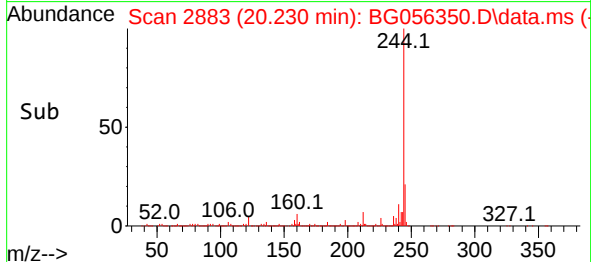
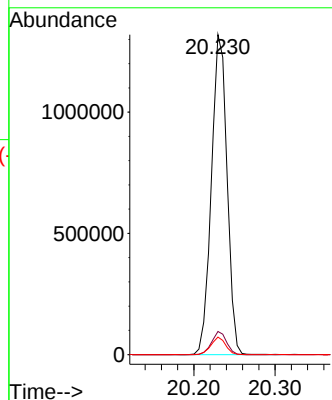
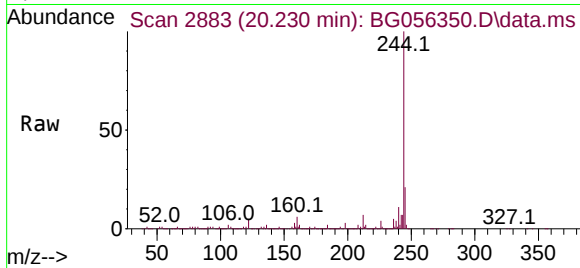




#79
 Terphenyl-d14
 Concen: 101.223 ng
 RT: 20.230 min Scan# 2883
 Delta R.T. -0.003 min
 Lab File: BG056350.D
 Acq: 19 Jan 2023 17:01

Instrument :
 BNA_G
 ClientSampleId :
 TP-F

Tgt Ion:244 Resp: 1767845
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.5 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.383 min Scan# 3760
 Delta R.T. -0.009 min
 Lab File: BG056350.D
 Acq: 19 Jan 2023 17:01

Tgt Ion:264 Resp: 334267
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.6 28.0
 265 22.2 16.7 25.1

