

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056334.D
 Acq On : 18 Jan 2023 18:47
 Operator : CG/JU
 Sample : 01184-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 APNB-NORTH

Quant Time: Jan 19 00:33:45 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	8.305	152	36519	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	141661	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	114670	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	316999	20.000	ng	0.00
76) Chrysene-d12	21.948	240	300036	20.000	ng	# 0.00
86) Perylene-d12	25.385	264	318346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	210155	102.750	ng	0.00
7) Phenol-d6	7.441	99	301298	95.924	ng	0.00
23) Nitrobenzene-d5	9.480	82	164268	59.315	ng	0.00
42) 2,4,6-Tribromophenol	16.401	330	150700	103.768	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	514424	61.949	ng	0.00
79) Terphenyl-d14	20.232	244	1096136	65.433	ng	0.00

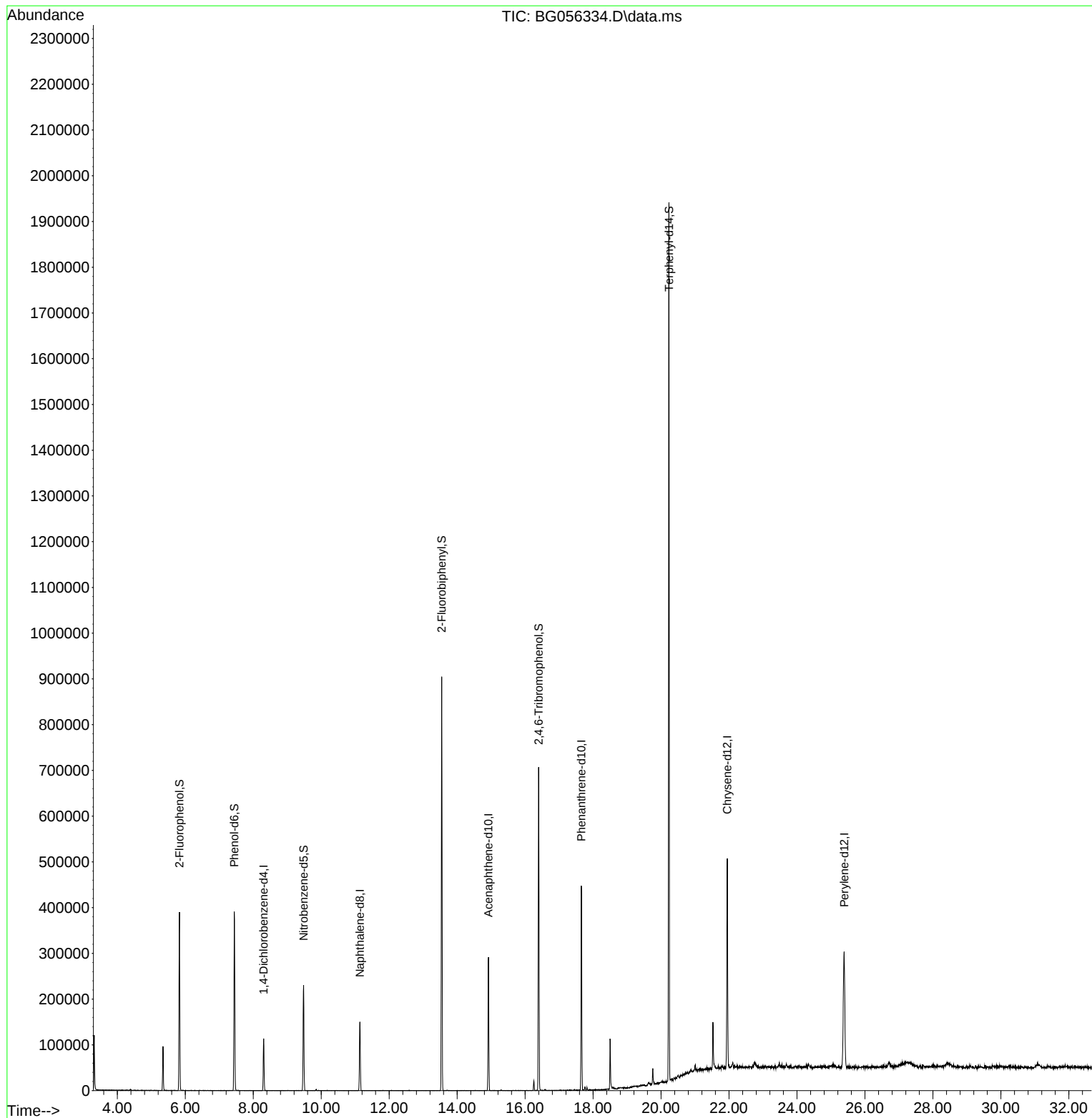
Target Compounds Qvalue

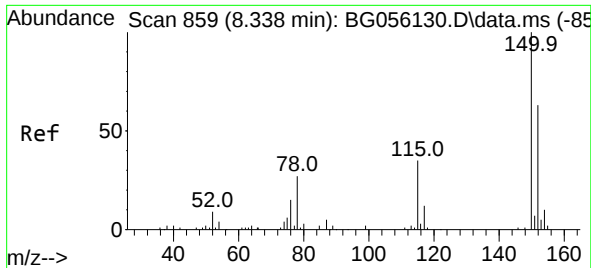
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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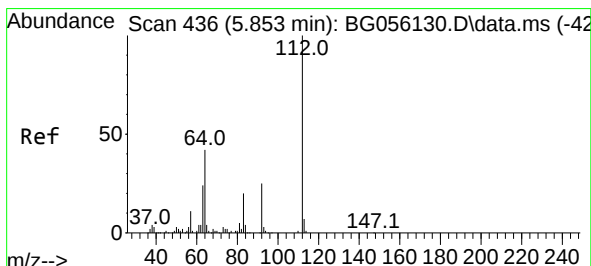
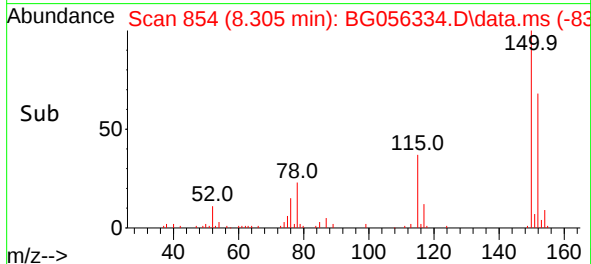
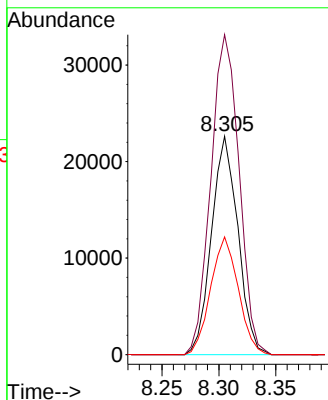
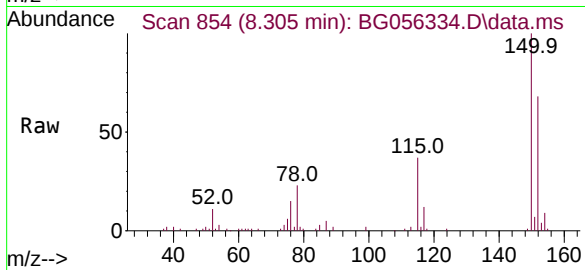




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056334.D
Acq: 18 Jan 2023 18:47

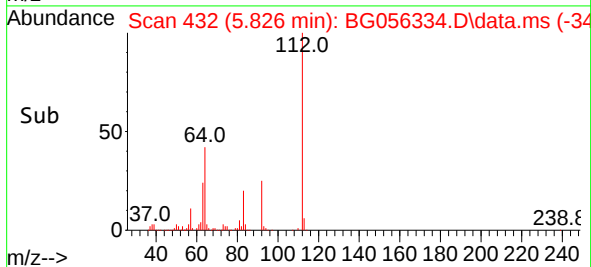
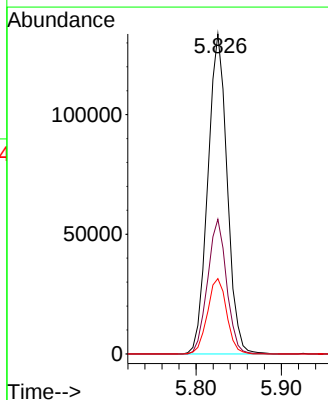
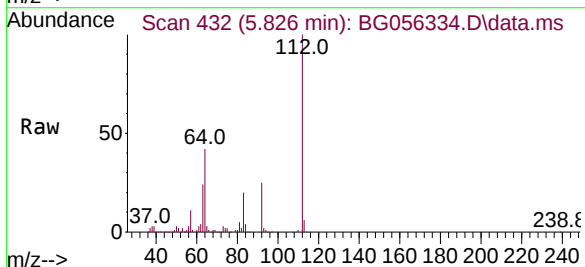
Instrument :
BNA_G
ClientSampleId :
APNB-NORTH

Tgt Ion:152 Resp: 36519
Ion Ratio Lower Upper
152 100
150 146.6 127.9 191.9
115 53.9 44.2 66.2



#5
2-Fluorophenol
Concen: 102.750 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG056334.D
Acq: 18 Jan 2023 18:47

Tgt Ion:112 Resp: 210155
Ion Ratio Lower Upper
112 100
64 42.1 33.3 49.9
63 23.5 19.0 28.4

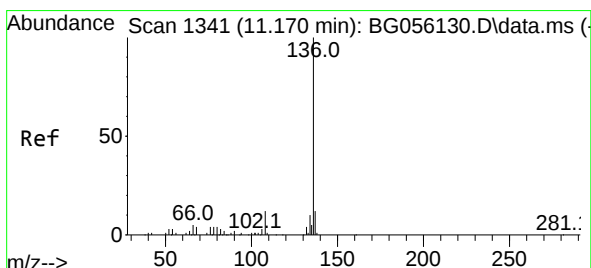
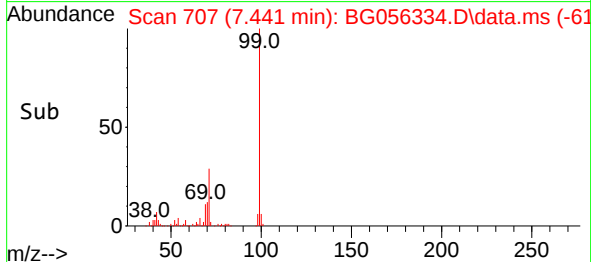
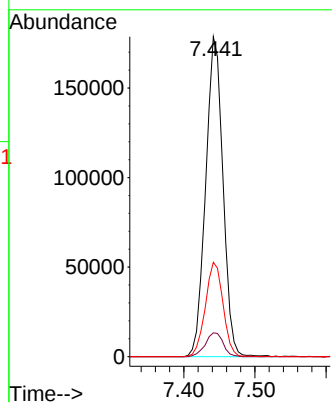
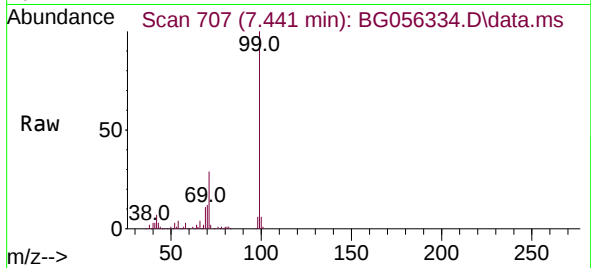




#7
Phenol-d6
Concen: 95.924 ng
RT: 7.441 min Scan# 70
Delta R.T. -0.007 min
Lab File: BG056334.D
Acq: 18 Jan 2023 18:47

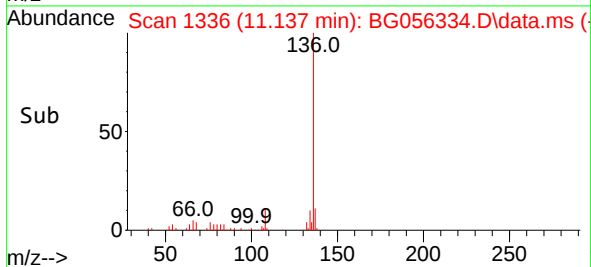
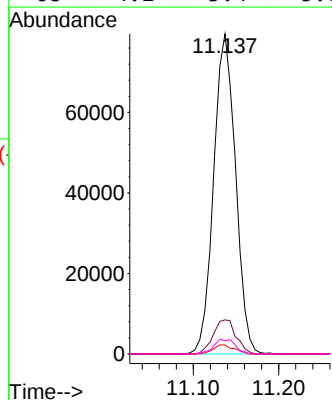
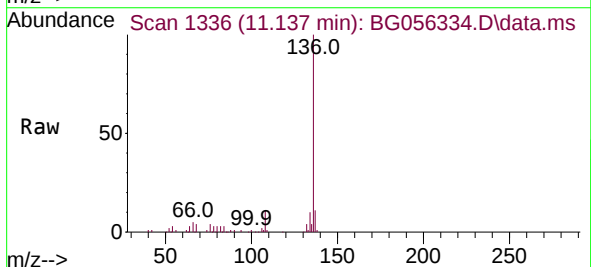
Instrument :
BNA_G
ClientSampleId :
APNB-NORTH

Tgt Ion: 99 Resp: 301298
Ion Ratio Lower Upper
99 100
42 7.4 5.9 8.9
71 29.5 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG056334.D
Acq: 18 Jan 2023 18:47

Tgt Ion: 136 Resp: 141661
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.0
54 2.8 2.2 3.2
68 4.1 3.4 5.0





#23

Nitrobenzene-d5

Concen: 59.315 ng

RT: 9.480 min Scan# 1054

Delta R.T. -0.007 min

Lab File: BG056334.D

Acq: 18 Jan 2023 18:47

Instrument :

BNA_G

ClientSampleId :

APNB-NORTH

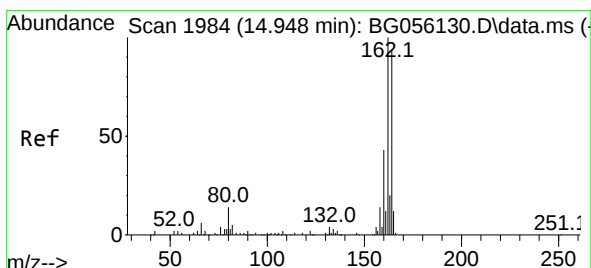
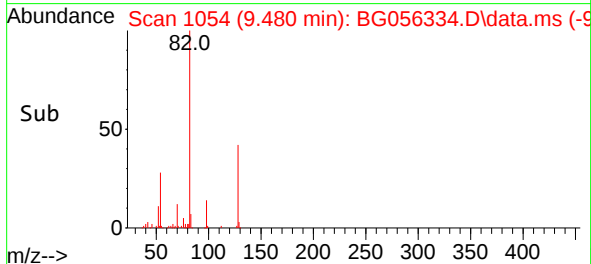
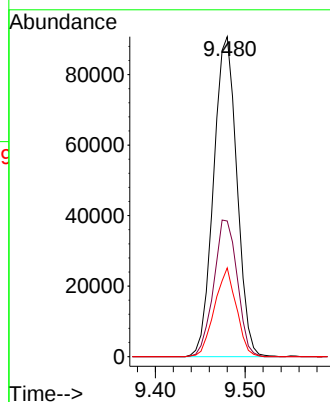
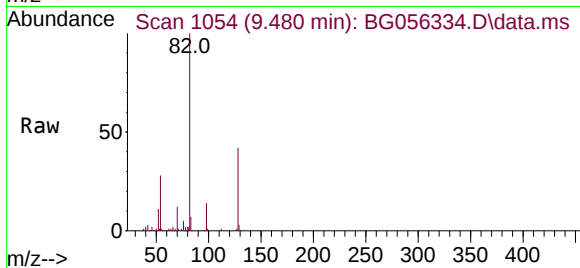
Tgt Ion: 82 Resp: 164268

Ion Ratio Lower Upper

82 100

128 42.4 33.4 50.2

54 27.7 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.915 min Scan# 1979

Delta R.T. -0.007 min

Lab File: BG056334.D

Acq: 18 Jan 2023 18:47

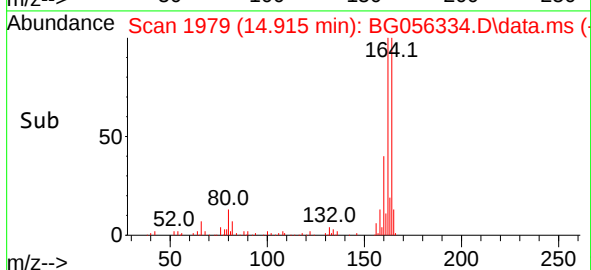
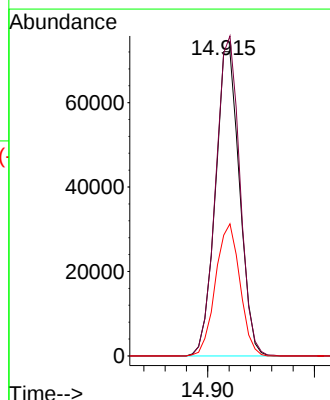
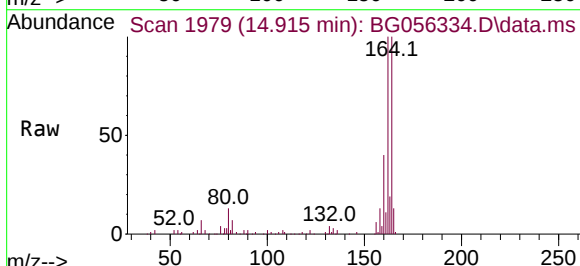
Tgt Ion:164 Resp: 114670

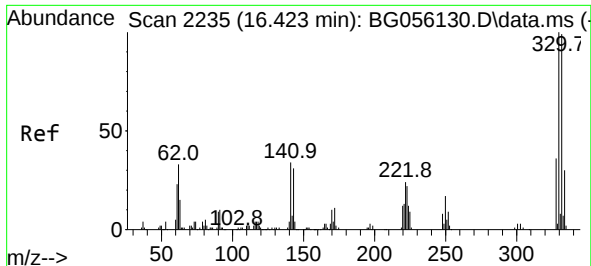
Ion Ratio Lower Upper

164 100

162 99.5 84.7 127.1

160 39.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 103.768 ng

RT: 16.401 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056334.D

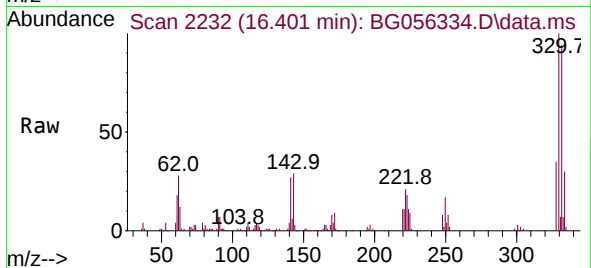
Acq: 18 Jan 2023 18:47

Instrument :

BNA_G

ClientSampleId :

APNB-NORTH



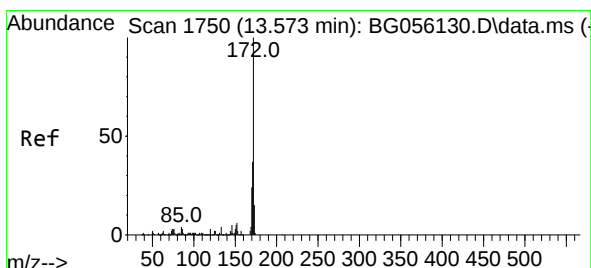
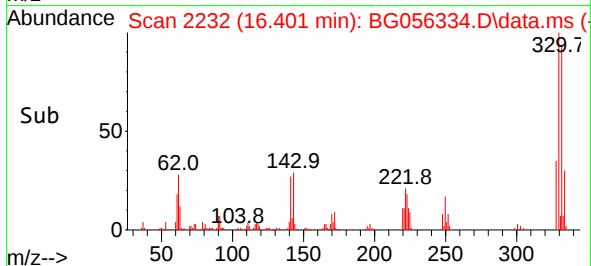
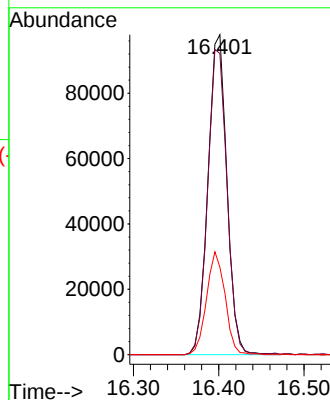
Tgt Ion:330 Resp: 150700

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 31.4 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 61.949 ng

RT: 13.546 min Scan# 1746

Delta R.T. -0.001 min

Lab File: BG056334.D

Acq: 18 Jan 2023 18:47

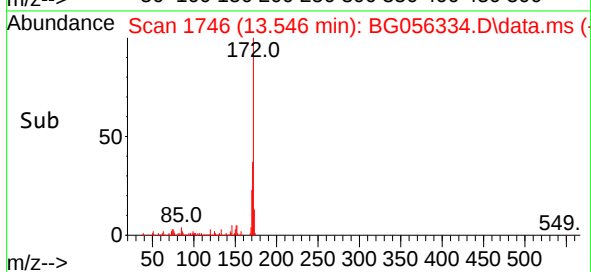
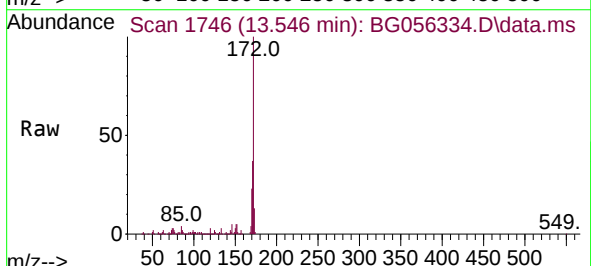
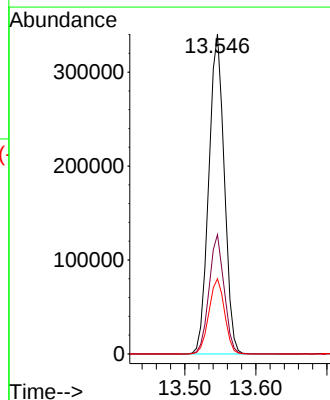
Tgt Ion:172 Resp: 514424

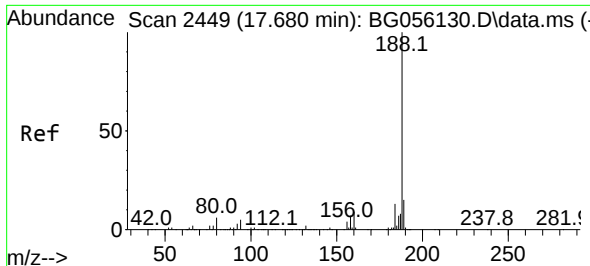
Ion Ratio Lower Upper

172 100

171 37.3 29.6 44.4

170 23.5 19.4 29.2

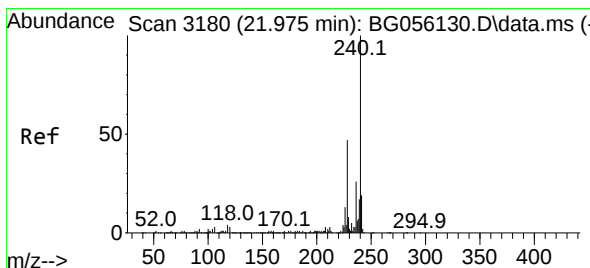
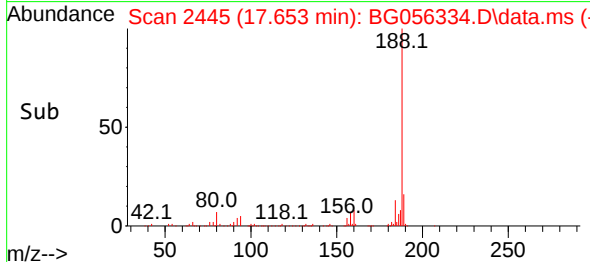
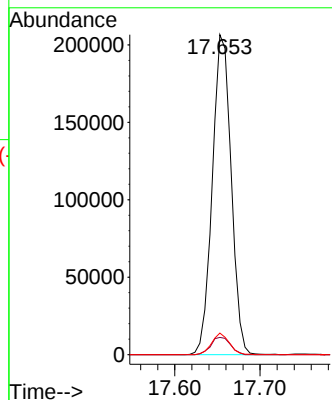
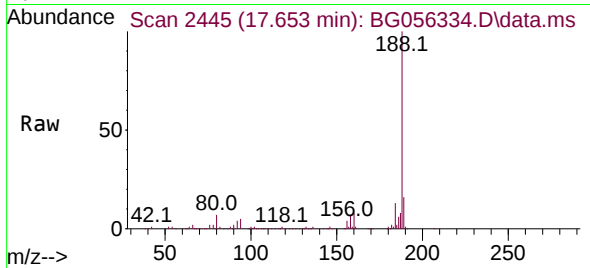




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BG056334.D
Acq: 18 Jan 2023 18:47

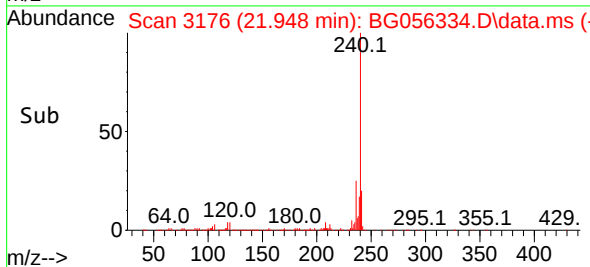
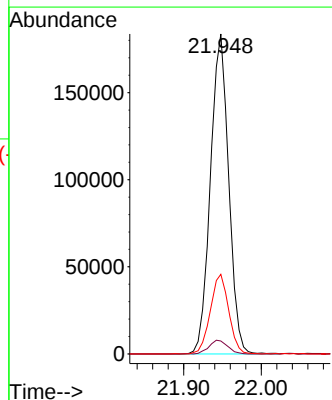
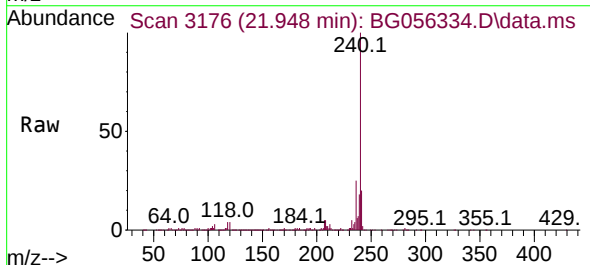
Instrument :
BNA_G
ClientSampleId :
APNB-NORTH

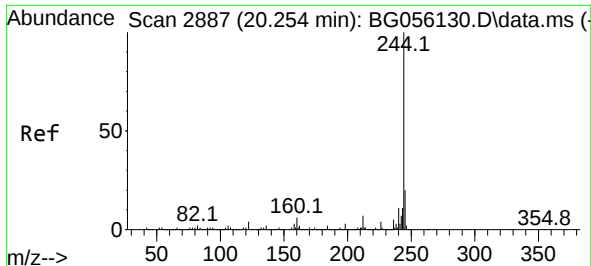
Tgt Ion:188 Resp: 316999
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 6.7 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG056334.D
Acq: 18 Jan 2023 18:47

Tgt Ion:240 Resp: 300036
Ion Ratio Lower Upper
240 100
120 4.0 2.6 4.0#
236 24.9 20.8 31.2

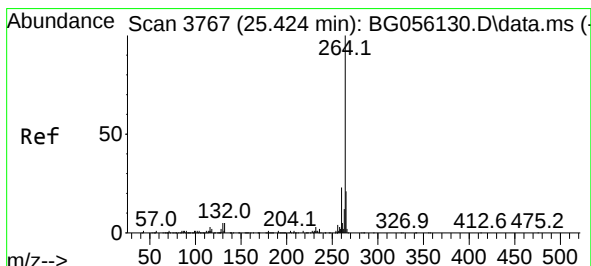
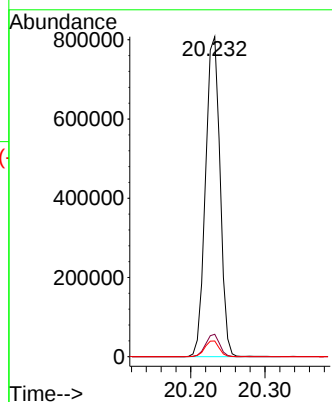
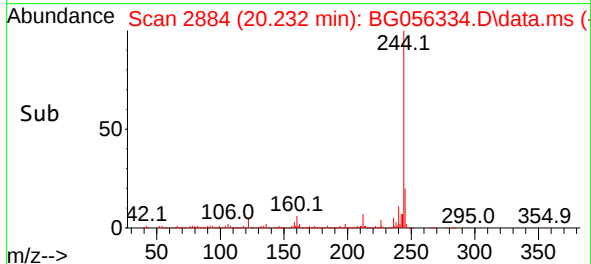
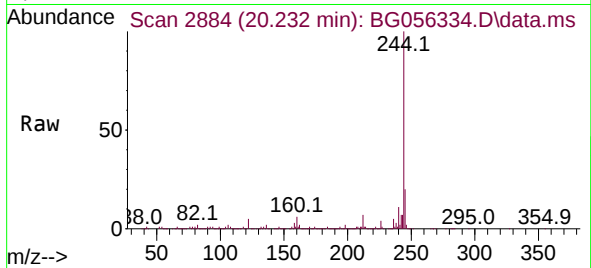




#79
Terphenyl-d14
Concen: 65.433 ng
RT: 20.232 min Scan# 2884
Delta R.T. -0.001 min
Lab File: BG056334.D
Acq: 18 Jan 2023 18:47

Instrument :
BNA_G
ClientSampleId :
APNB-NORTH

Tgt Ion:244 Resp: 1096136
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 4.9 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.385 min Scan# 3761
Delta R.T. -0.007 min
Lab File: BG056334.D
Acq: 18 Jan 2023 18:47

Tgt Ion:264 Resp: 318346
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 20.6 16.7 25.1

