

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056342.D
 Acq On : 19 Jan 2023 00:16
 Operator : CG/JU
 Sample : 01184-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 APNB-EAST

Quant Time: Jan 19 03:46:57 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	8.306	152	43604	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	167975	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	129461	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	305935	20.000	ng	0.00
76) Chrysene-d12	21.948	240	277225	20.000	ng	0.00
86) Perylene-d12	25.380	264	301103	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	285466	116.893	ng	0.00
7) Phenol-d6	7.448	99	401989	107.186	ng	0.00
23) Nitrobenzene-d5	9.481	82	221096	67.328	ng	0.00
42) 2,4,6-Tribromophenol	16.402	330	174770	106.593	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	662696	70.687	ng	0.00
79) Terphenyl-d14	20.233	244	1064745	68.789	ng	0.00

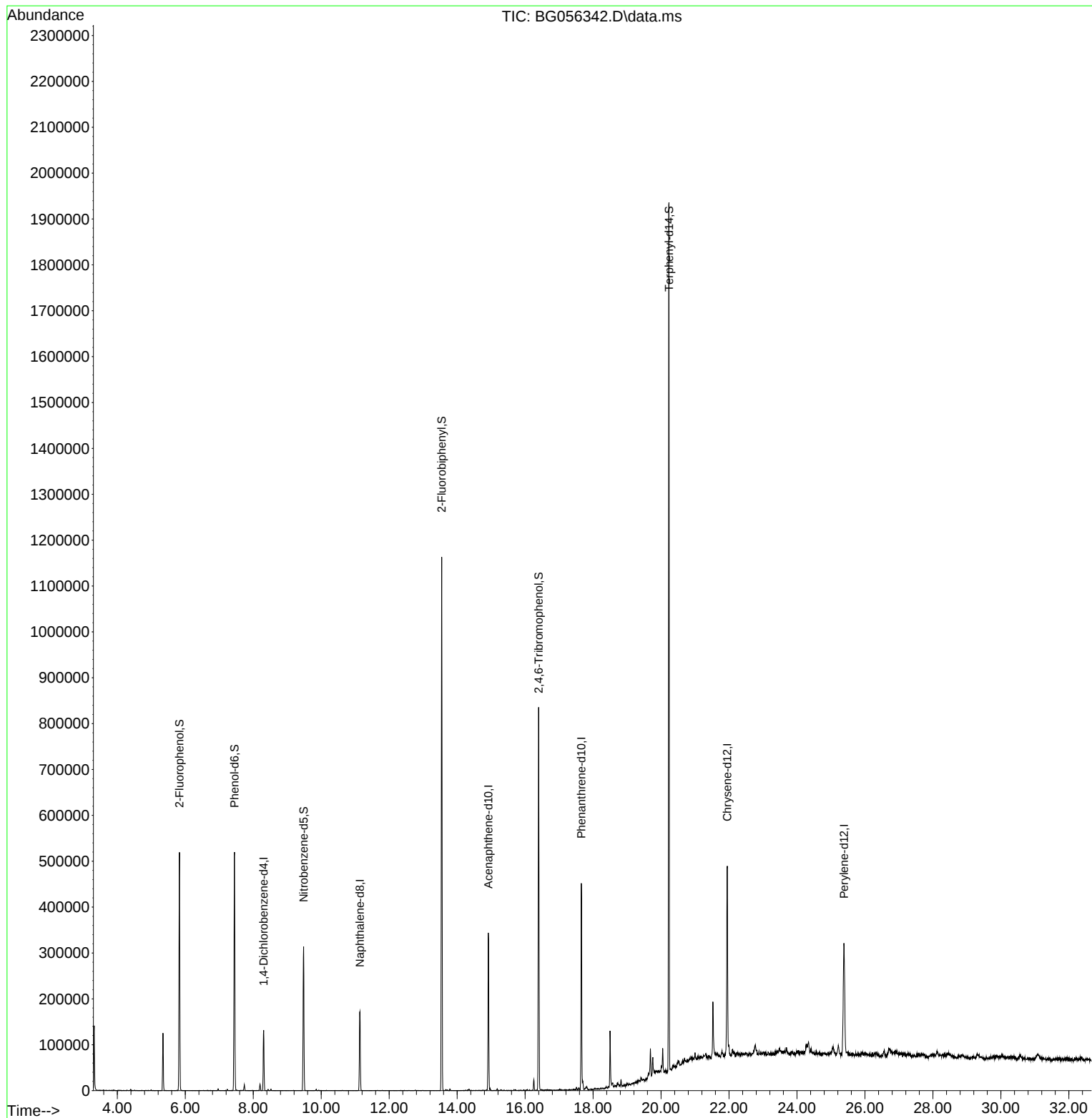
Target Compounds Qvalue

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

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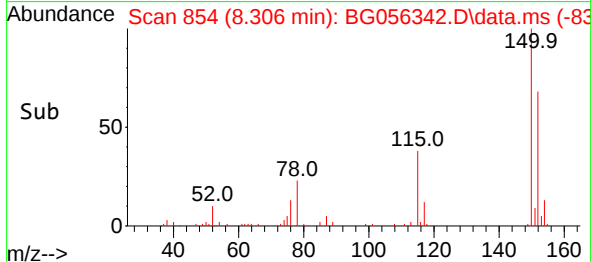
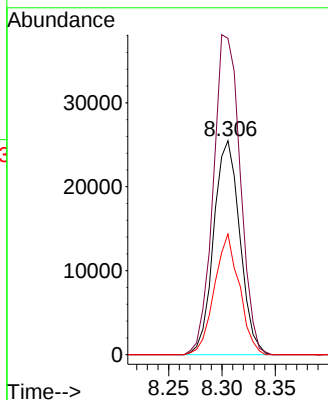
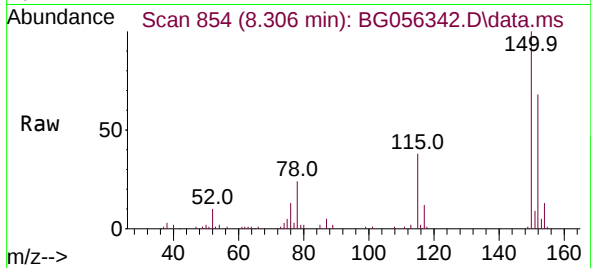




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

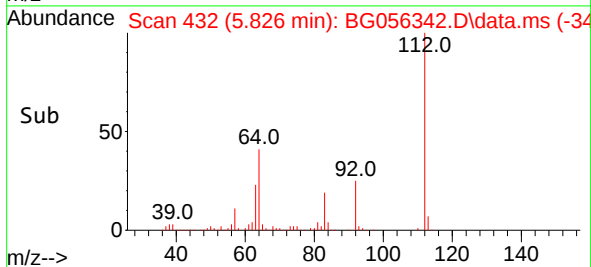
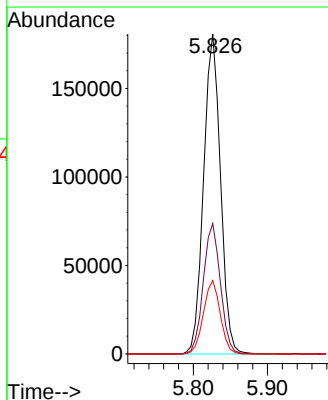
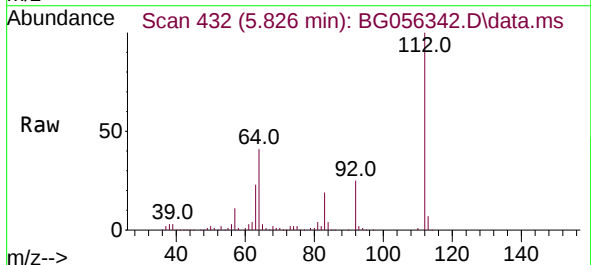
Instrument :
BNA_G
ClientSampleId :
APNB-EAST

Tgt Ion:152 Resp: 43604
Ion Ratio Lower Upper
152 100
150 147.9 127.9 191.9
115 56.4 44.2 66.2



#5
2-Fluorophenol
Concen: 116.893 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.000 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

Tgt Ion:112 Resp: 285466
Ion Ratio Lower Upper
112 100
64 40.7 33.3 49.9
63 22.9 19.0 28.4

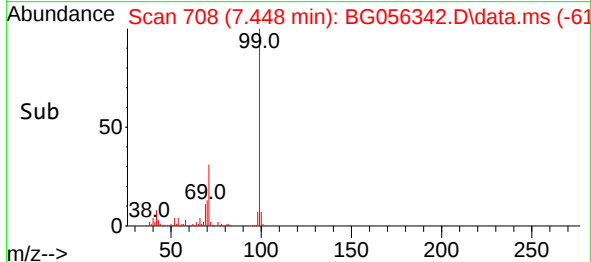
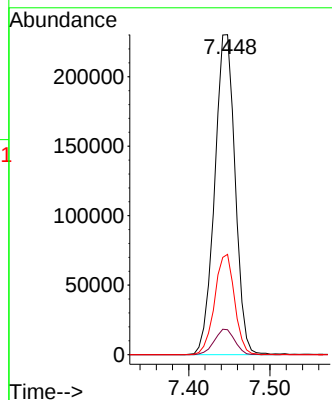
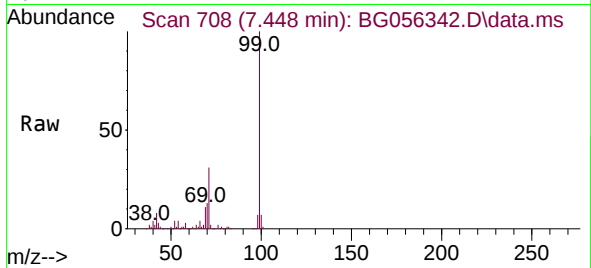




#7
Phenol-d6
Concen: 107.186 ng
RT: 7.448 min Scan# 70
Delta R.T. -0.000 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

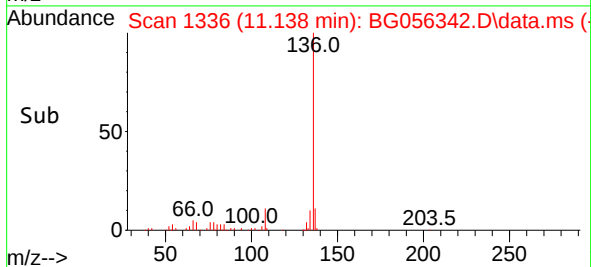
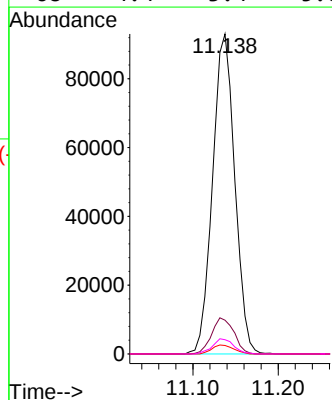
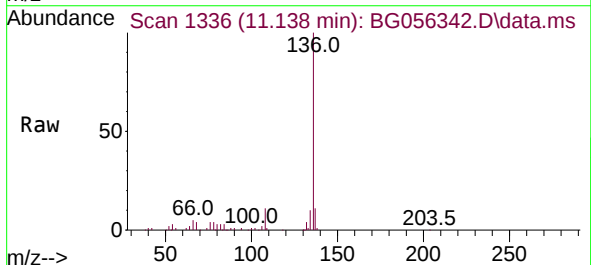
Instrument :
BNA_G
ClientSampleId :
APNB-EAST

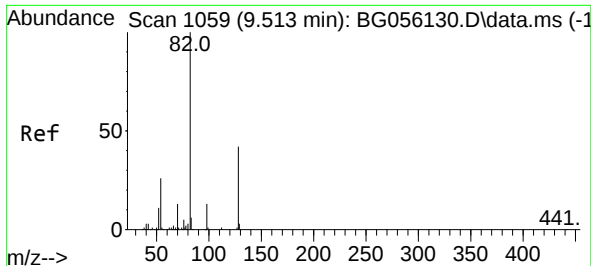
Tgt Ion: 99 Resp: 401989
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 31.3 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

Tgt Ion: 136 Resp: 167975
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.0
54 2.6 2.2 3.2
68 4.4 3.4 5.0





#23

Nitrobenzene-d5

Concen: 67.328 ng

RT: 9.481 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BG056342.D

Acq: 19 Jan 2023 00:16

Instrument :

BNA_G

ClientSampleId :

APNB-EAST

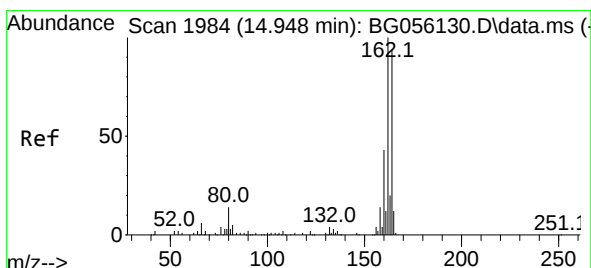
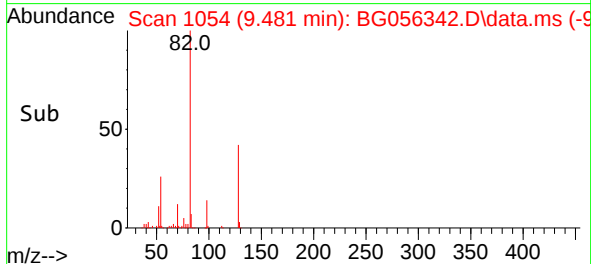
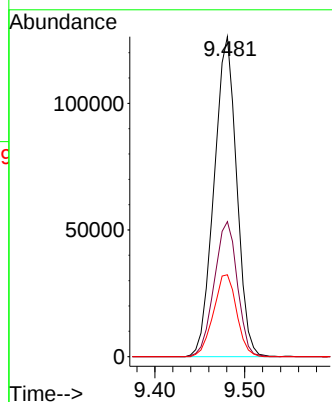
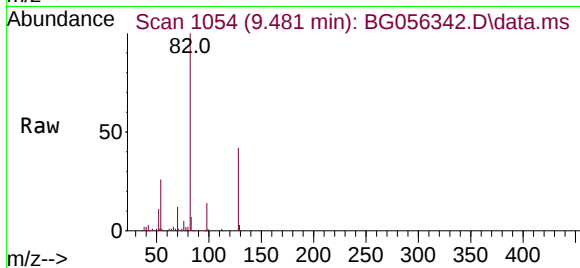
Tgt Ion: 82 Resp: 221096

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.2

54 25.6 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.915 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BG056342.D

Acq: 19 Jan 2023 00:16

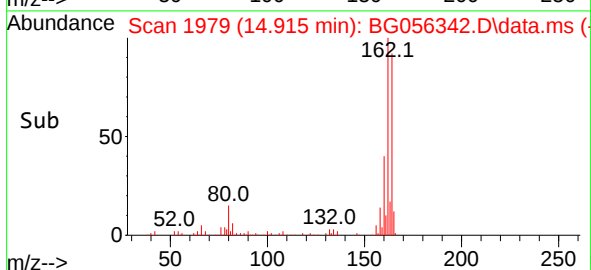
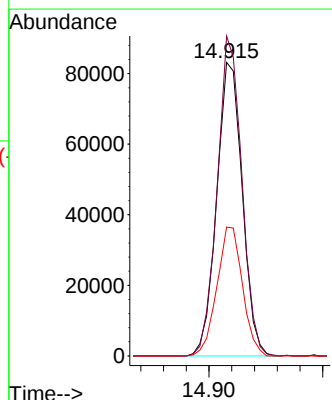
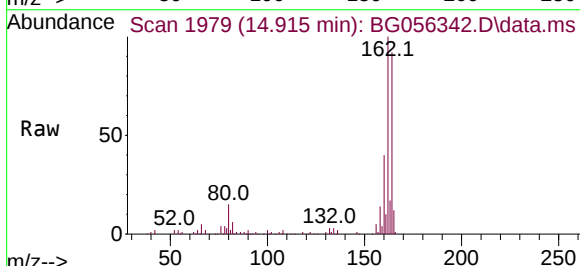
Tgt Ion:164 Resp: 129461

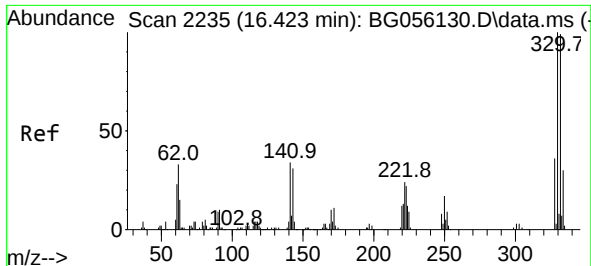
Ion Ratio Lower Upper

164 100

162 109.0 84.7 127.1

160 43.9 36.3 54.5

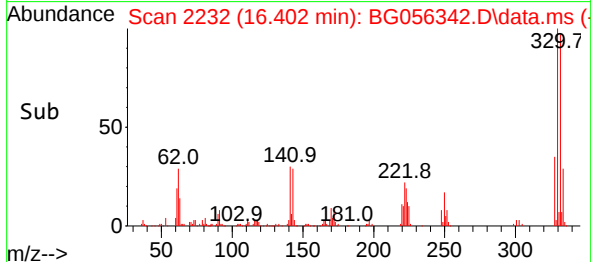
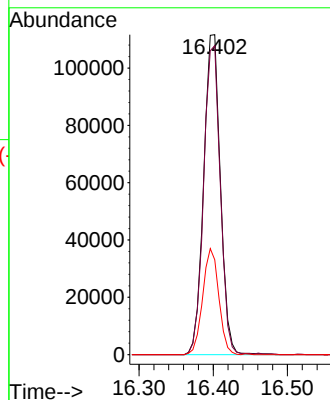
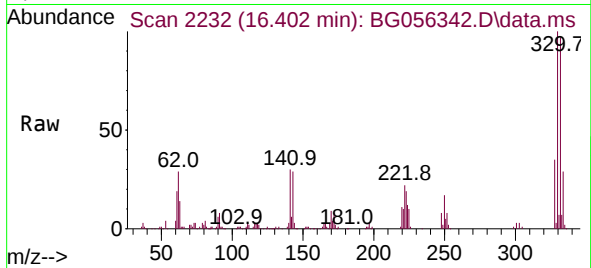




#42
 2,4,6-Tribromophenol
 Concen: 106.593 ng
 RT: 16.402 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG056342.D
 Acq: 19 Jan 2023 00:16

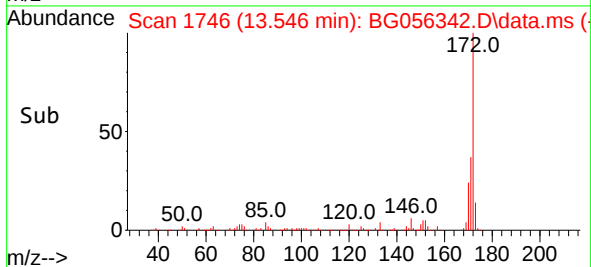
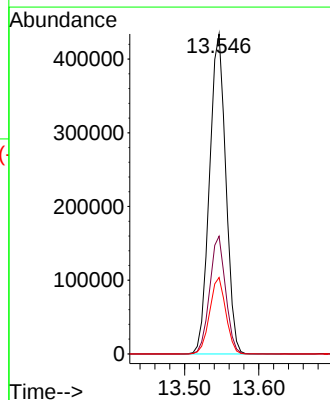
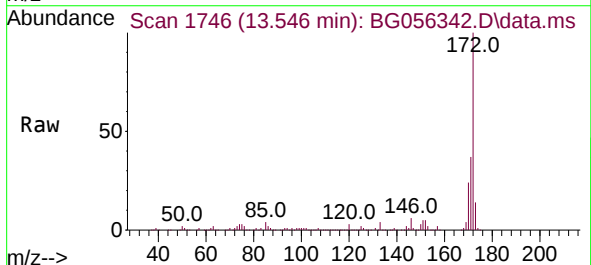
Instrument :
 BNA_G
 ClientSampleId :
 APNB-EAST

Tgt Ion:330 Resp: 174770
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 31.8 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 70.687 ng
 RT: 13.546 min Scan# 1746
 Delta R.T. -0.000 min
 Lab File: BG056342.D
 Acq: 19 Jan 2023 00:16

Tgt Ion:172 Resp: 662696
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 23.9 19.4 29.2

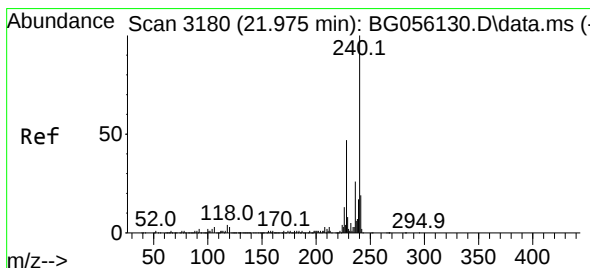
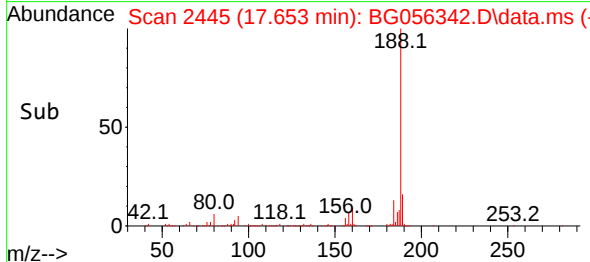
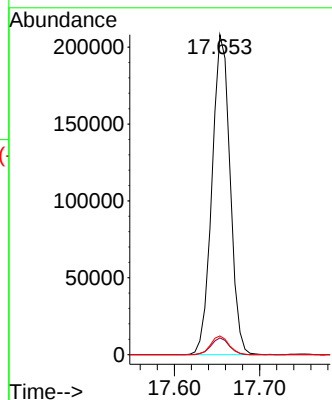
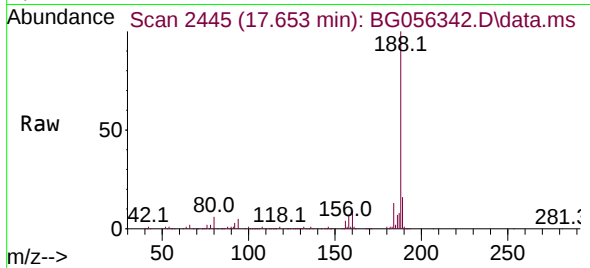




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

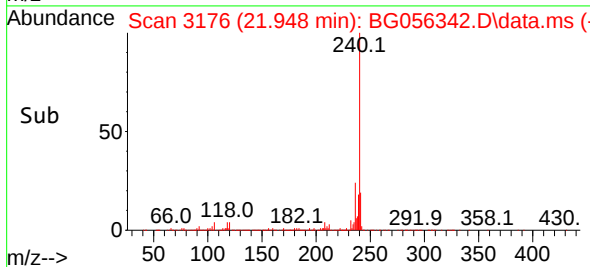
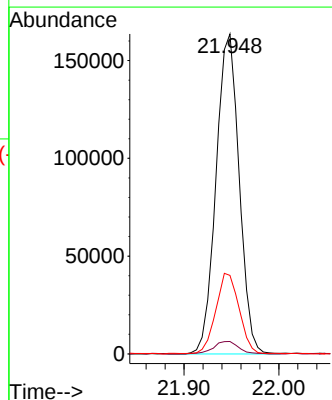
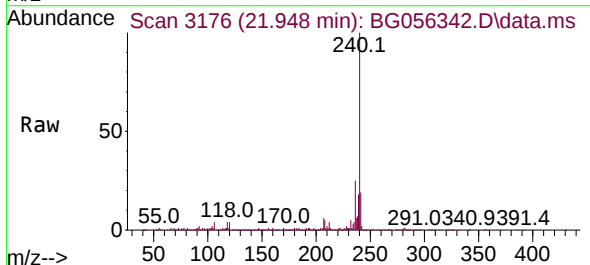
Instrument :
BNA_G
ClientSampleId :
APNB-EAST

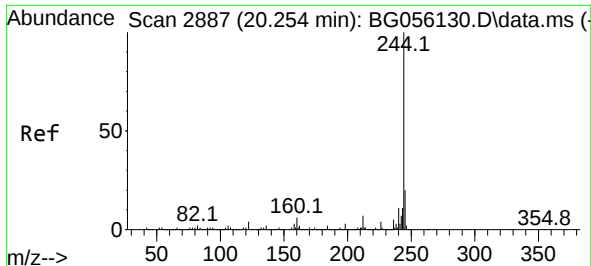
Tgt Ion:188 Resp: 305935
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 5.8 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG056342.D
Acq: 19 Jan 2023 00:16

Tgt Ion:240 Resp: 277225
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 24.5 20.8 31.2

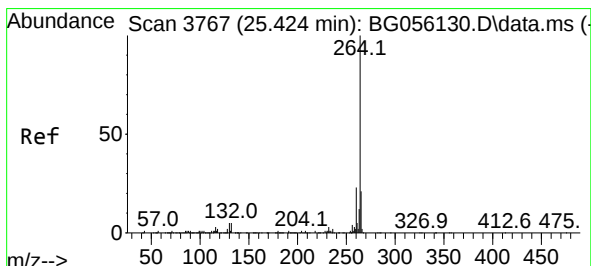
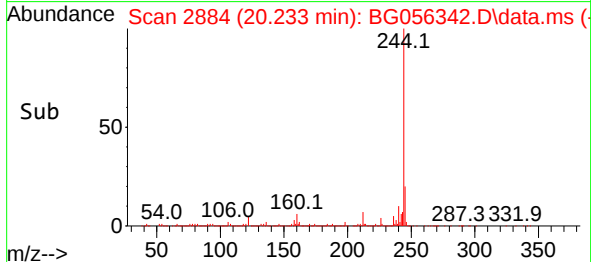
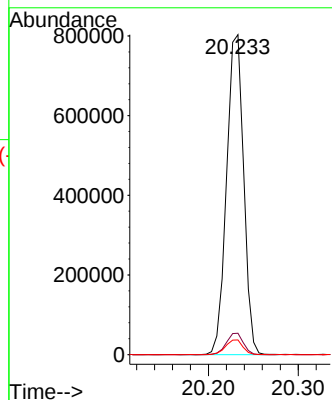
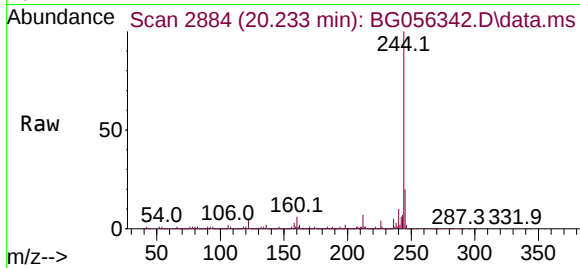




#79
 Terphenyl-d14
 Concen: 68.789 ng
 RT: 20.233 min Scan# 2884
 Delta R.T. -0.000 min
 Lab File: BG056342.D
 Acq: 19 Jan 2023 00:16

Instrument :
 BNA_G
 ClientSampleId :
 APNB-EAST

Tgt Ion:244 Resp: 1064745
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 4.6 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.380 min Scan# 3760
 Delta R.T. -0.012 min
 Lab File: BG056342.D
 Acq: 19 Jan 2023 00:16

Tgt Ion:264 Resp: 301103
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 28.0
 265 21.6 16.7 25.1

