

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056339.D
 Acq On : 18 Jan 2023 22:13
 Operator : CG/JU
 Sample : 01184-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 APNB-SOUTH

Quant Time: Jan 19 00:34:49 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	40688	20.000	ng	0.00
21) Naphthalene-d8	11.135	136	156762	20.000	ng	0.00
39) Acenaphthene-d10	14.918	164	126470	20.000	ng	0.00
64) Phenanthrene-d10	17.656	188	320667	20.000	ng	0.00
76) Chrysene-d12	21.945	240	295750	20.000	ng	# 0.00
86) Perylene-d12	25.383	264	315563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.823	112	273285	119.925	ng	0.00
7) Phenol-d6	7.445	99	391195	111.783	ng	0.00
23) Nitrobenzene-d5	9.478	82	209995	68.522	ng	0.00
42) 2,4,6-Tribromophenol	16.399	330	181187	113.120	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	667595	72.893	ng	0.00
79) Terphenyl-d14	20.230	244	1250245	75.714	ng	0.00

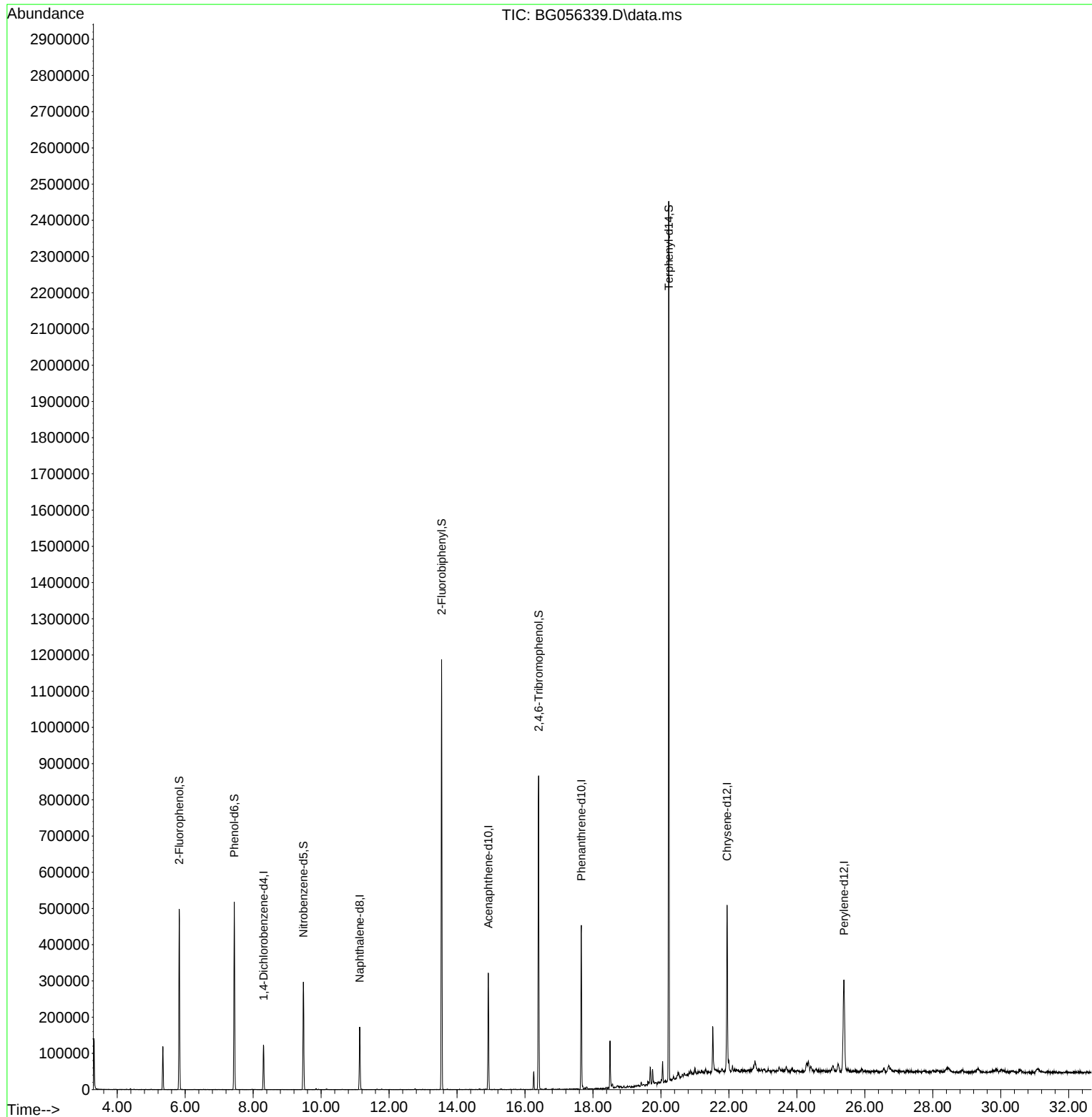
Target Compounds Qvalue

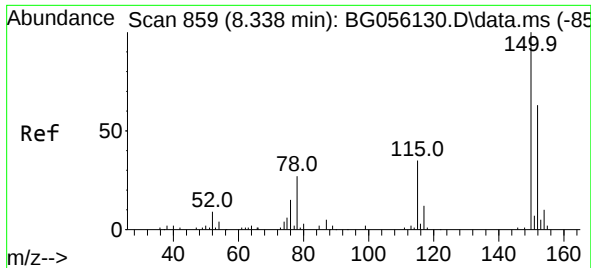
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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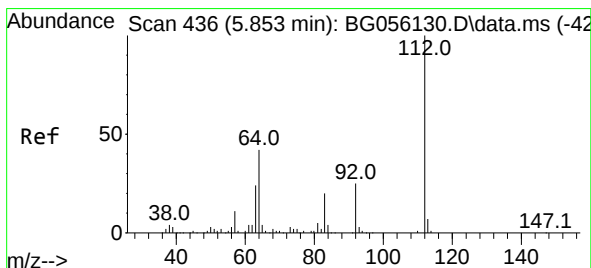
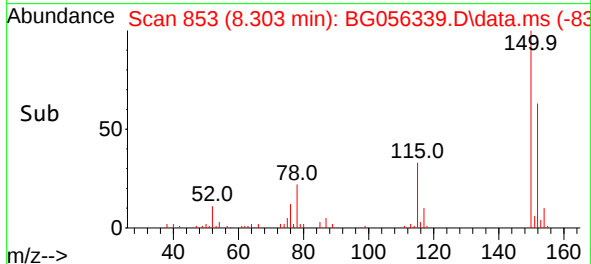
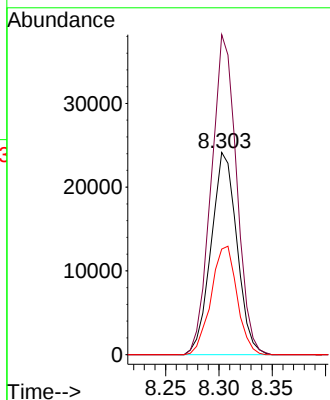
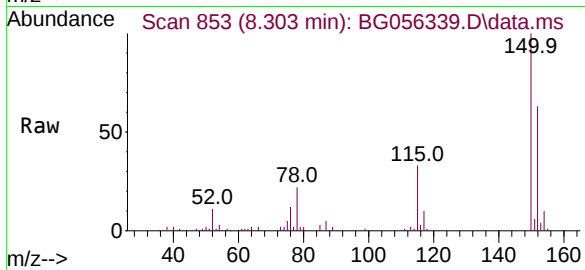




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.303 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056339.D
Acq: 18 Jan 2023 22:13

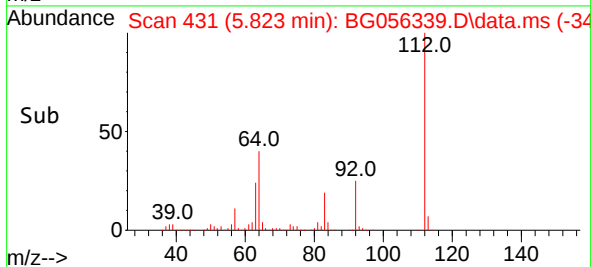
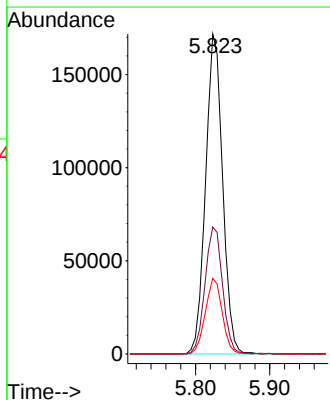
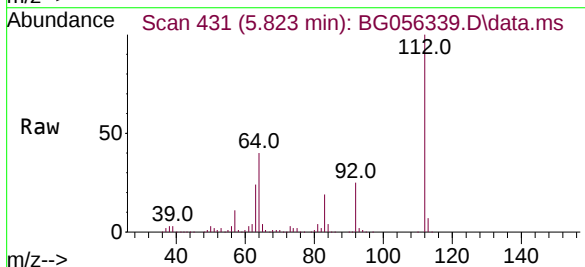
Instrument :
BNA_G
ClientSampleId :
APNB-SOUTH

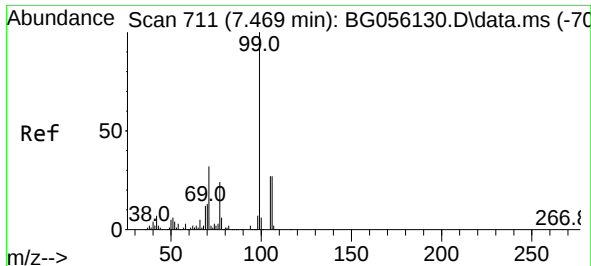
Tgt Ion:152 Resp: 40688
Ion Ratio Lower Upper
152 100
150 158.2 127.9 191.9
115 52.2 44.2 66.2



#5
2-Fluorophenol
Concen: 119.925 ng
RT: 5.823 min Scan# 431
Delta R.T. -0.003 min
Lab File: BG056339.D
Acq: 18 Jan 2023 22:13

Tgt Ion:112 Resp: 273285
Ion Ratio Lower Upper
112 100
64 39.6 33.3 49.9
63 23.6 19.0 28.4

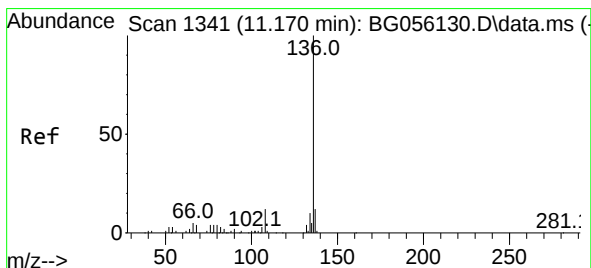
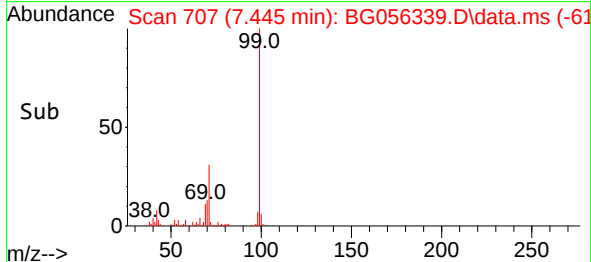
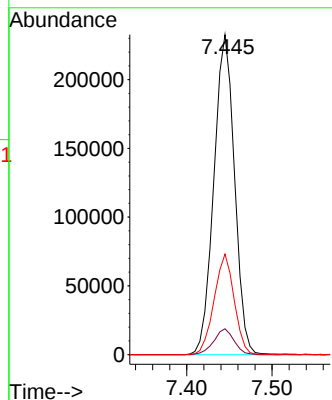
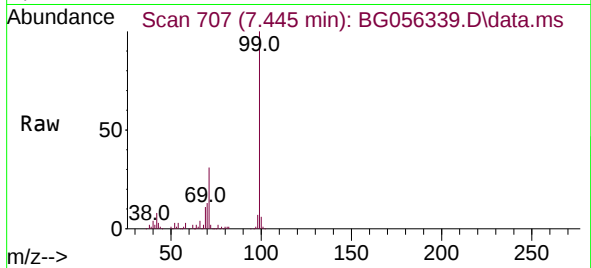




#7
Phenol-d6
Concen: 111.783 ng
RT: 7.445 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG056339.D
Acq: 18 Jan 2023 22:13

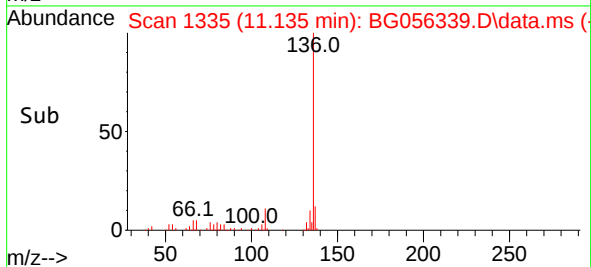
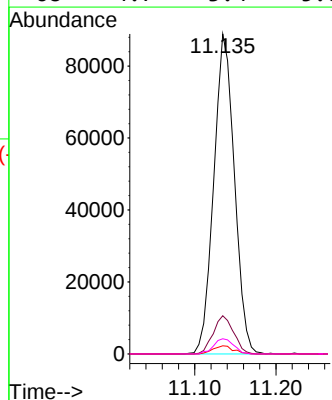
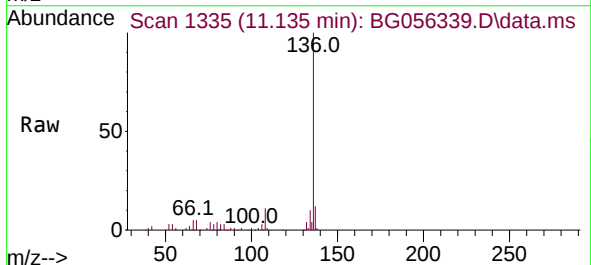
Instrument :
BNA_G
ClientSampleId :
APNB-SOUTH

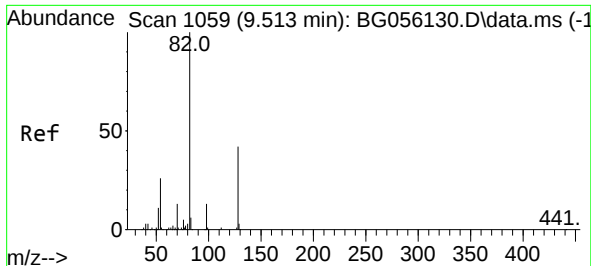
Tgt Ion: 99 Resp: 391195
Ion Ratio Lower Upper
99 100
42 8.1 5.9 8.9
71 31.4 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.135 min Scan# 1335
Delta R.T. -0.003 min
Lab File: BG056339.D
Acq: 18 Jan 2023 22:13

Tgt Ion: 136 Resp: 156762
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 2.5 2.2 3.2
68 4.7 3.4 5.0





#23

Nitrobenzene-d5

Concen: 68.522 ng

RT: 9.478 min Scan# 1053

Delta R.T. -0.009 min

Lab File: BG056339.D

Acq: 18 Jan 2023 22:13

Instrument :

BNA_G

ClientSampleId :

APNB-SOUTH

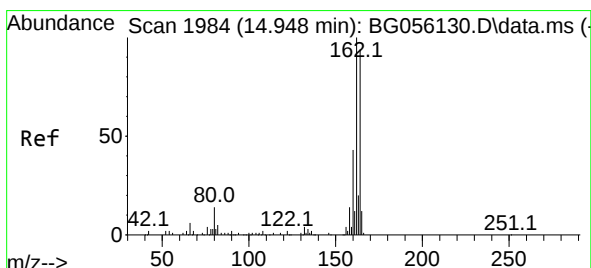
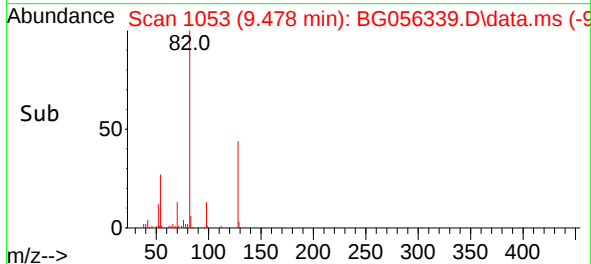
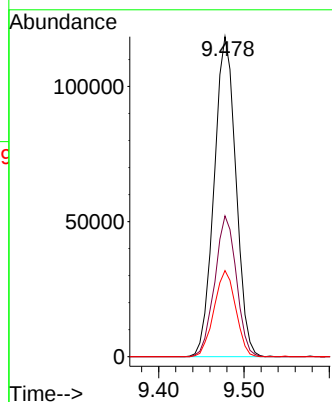
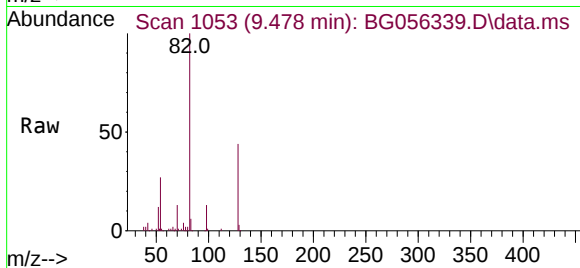
Tgt Ion: 82 Resp: 209995

Ion Ratio Lower Upper

82 100

128 44.0 33.4 50.2

54 26.9 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: BG056339.D

Acq: 18 Jan 2023 22:13

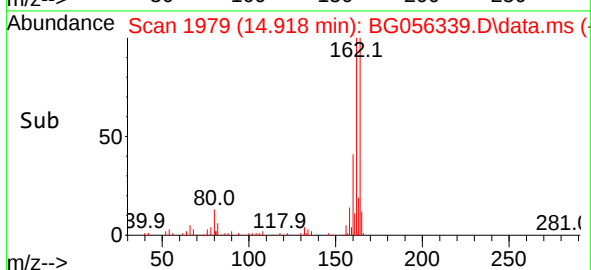
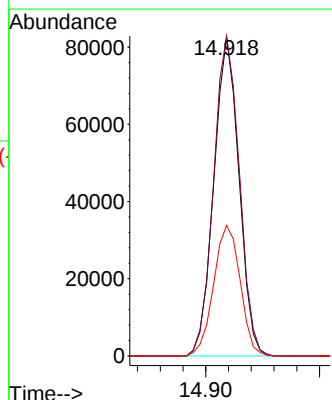
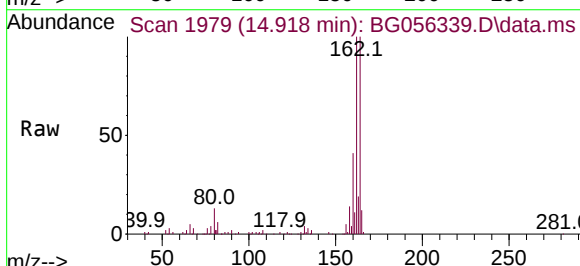
Tgt Ion:164 Resp: 126470

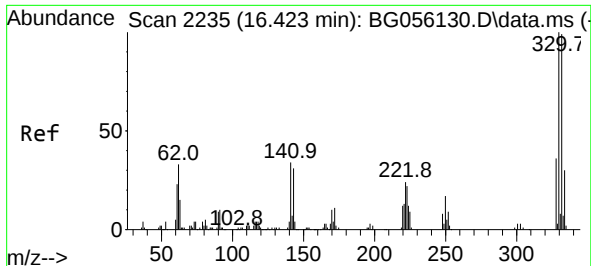
Ion Ratio Lower Upper

164 100

162 100.4 84.7 127.1

160 40.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 113.120 ng

RT: 16.399 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056339.D

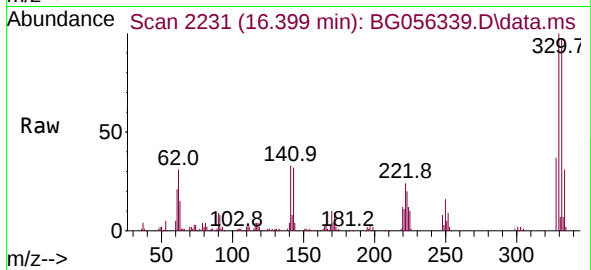
Acq: 18 Jan 2023 22:13

Instrument :

BNA_G

ClientSampleId :

APNB-SOUTH



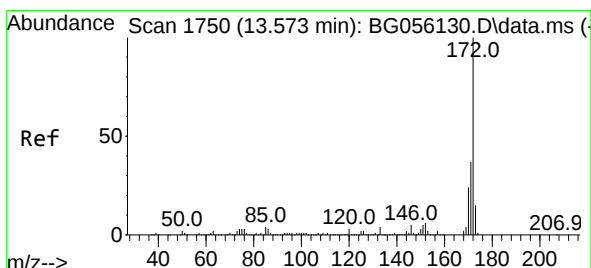
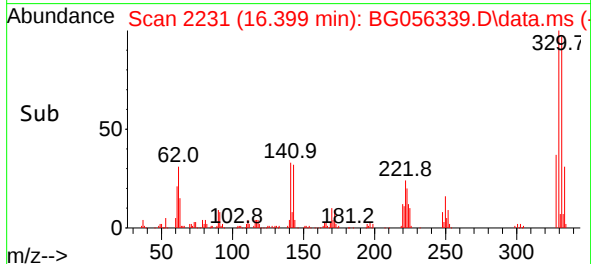
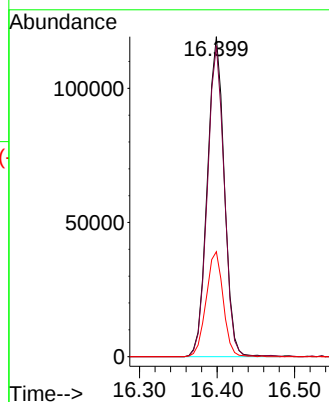
Tgt Ion:330 Resp: 181187

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 32.8 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 72.893 ng

RT: 13.543 min Scan# 1745

Delta R.T. -0.003 min

Lab File: BG056339.D

Acq: 18 Jan 2023 22:13

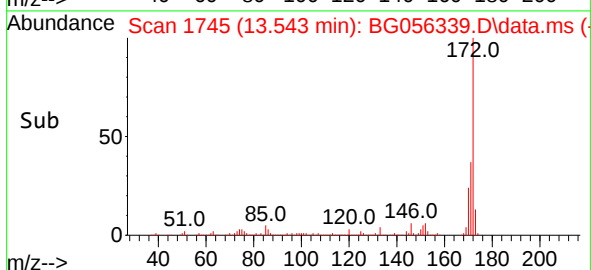
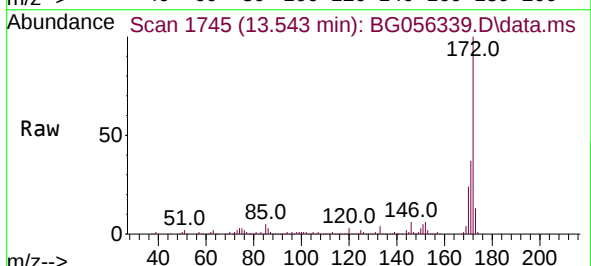
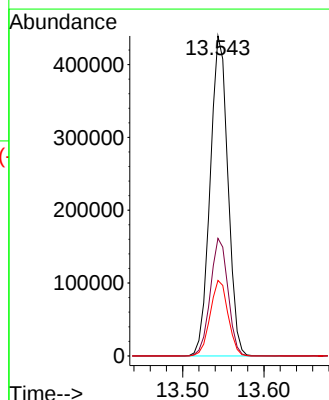
Tgt Ion:172 Resp: 667595

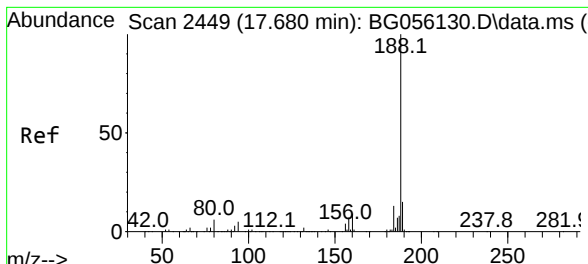
Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

170 23.6 19.4 29.2

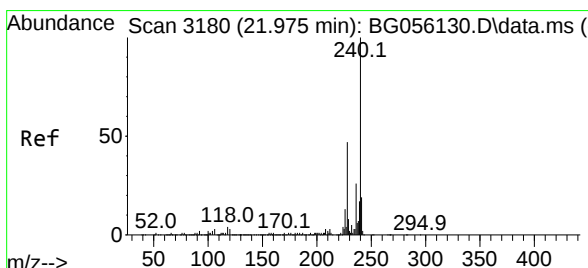
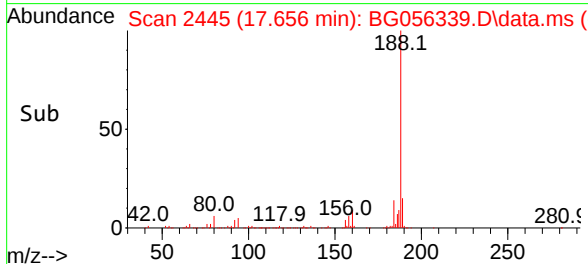
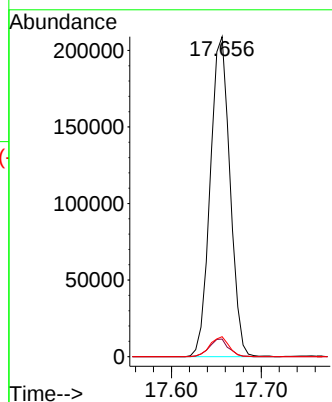
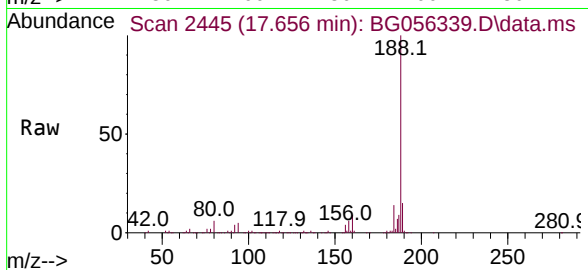




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.656 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG056339.D
Acq: 18 Jan 2023 22:13

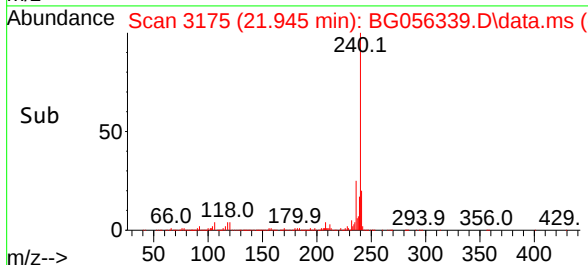
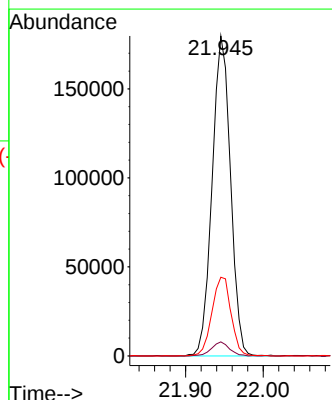
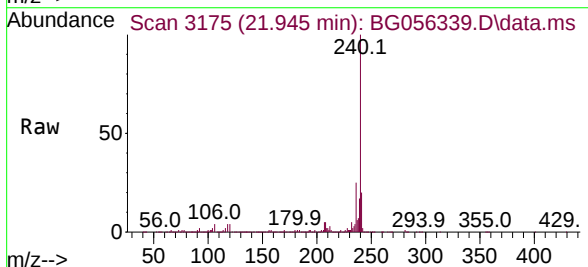
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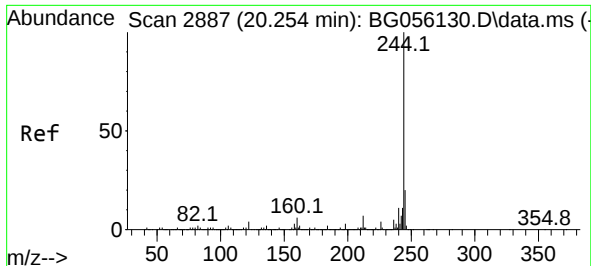
Tgt Ion:188	Resp:	320667
Ion Ratio	Lower	Upper
188	100	
94	5.5	4.2 6.2
80	6.2	5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.945 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG056339.D
Acq: 18 Jan 2023 22:13

Tgt Ion:240	Resp:	295750
Ion Ratio	Lower	Upper
240	100	
120	4.4	2.6 4.0#
236	24.6	20.8 31.2

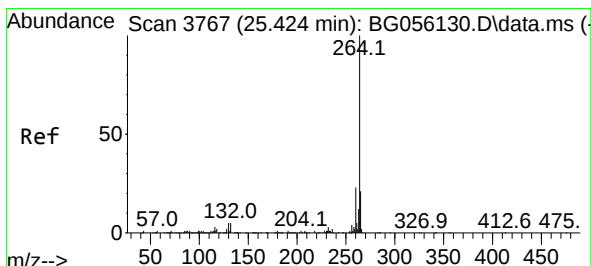
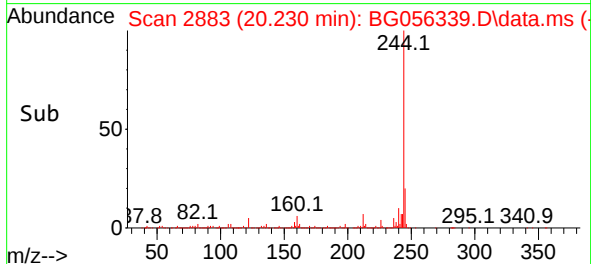
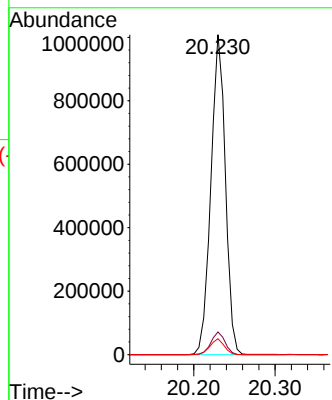
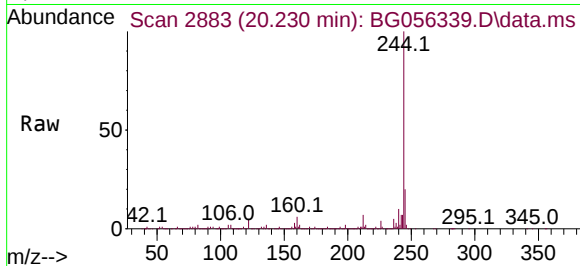




#79
 Terphenyl-d14
 Concen: 75.714 ng
 RT: 20.230 min Scan# 2883
 Delta R.T. -0.003 min
 Lab File: BG056339.D
 Acq: 18 Jan 2023 22:13

Instrument :
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Tgt Ion:244 Resp: 1250245
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.0 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: BG056339.D
 Acq: 18 Jan 2023 22:13

Tgt Ion:264 Resp: 315563
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 23.6 16.7 25.1

