

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056431.D
 Acq On : 25 Jan 2023 19:27
 Operator : CG/JU
 Sample : 01260-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-28

Quant Time: Jan 26 01:13:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	38597	20.000	ng	0.00
21) Naphthalene-d8	11.125	136	151675	20.000	ng	# 0.00
39) Acenaphthene-d10	14.909	164	115960	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	293226	20.000	ng	0.00
76) Chrysene-d12	21.936	240	273244	20.000	ng	# 0.00
86) Perylene-d12	25.367	264	290049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	323850	149.813	ng	0.00
7) Phenol-d6	7.441	99	412571	124.278	ng	0.00
23) Nitrobenzene-d5	9.468	82	252630	85.198	ng	0.00
42) 2,4,6-Tribromophenol	16.395	330	236708	161.178	ng	0.00
45) 2-Fluorobiphenyl	13.534	172	839682	99.993	ng	0.00
79) Terphenyl-d14	20.226	244	1506283	98.733	ng	0.00

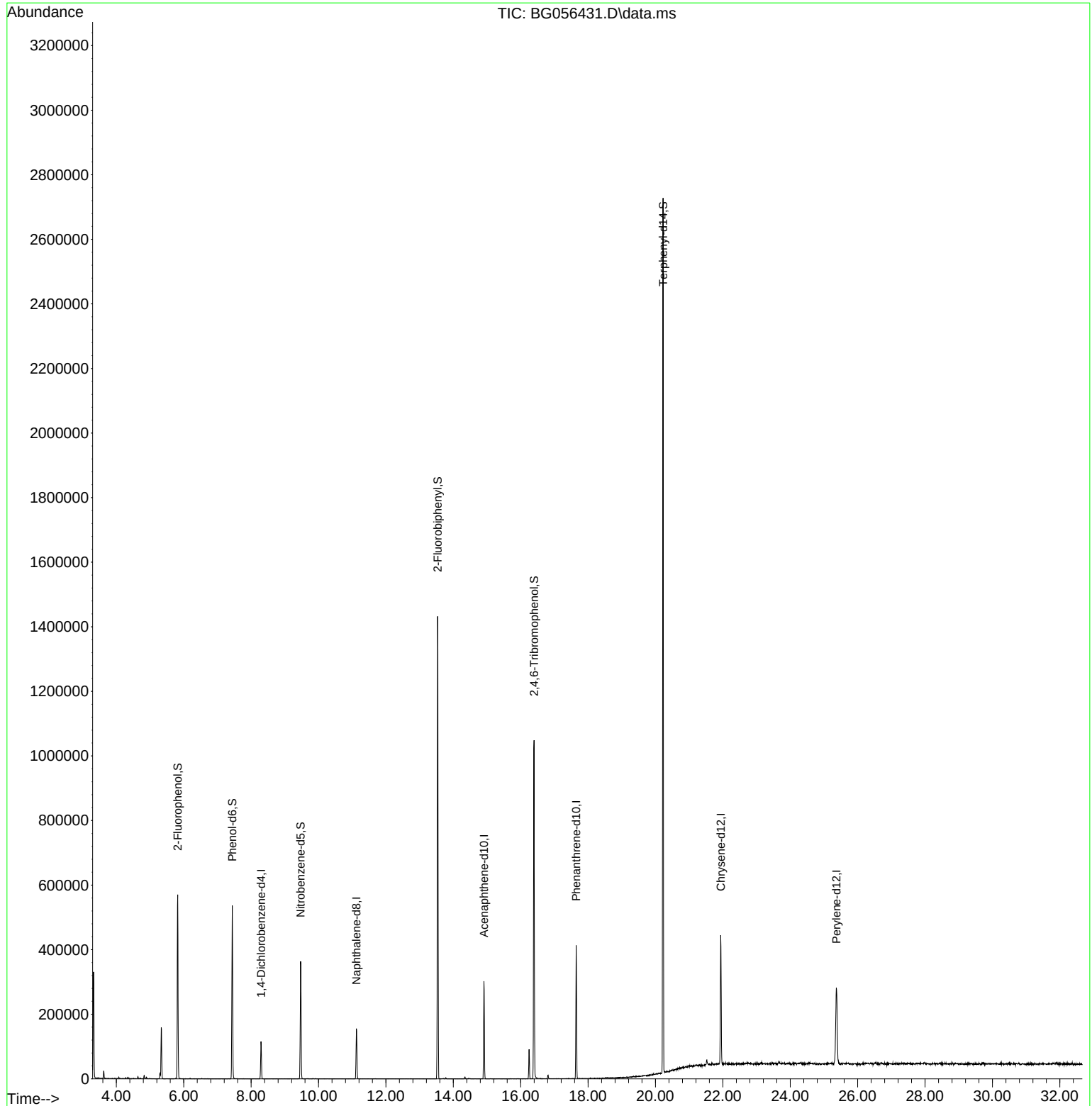
Target Compounds Qvalue

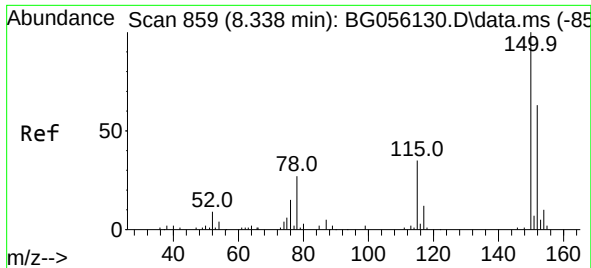
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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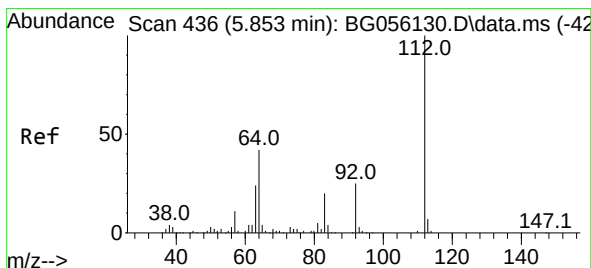
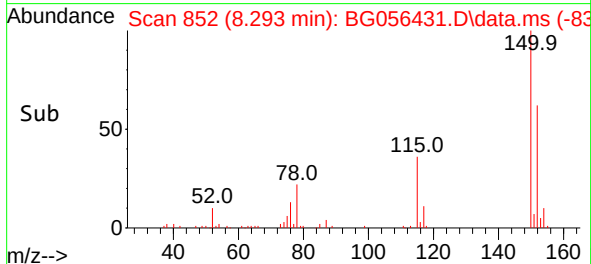
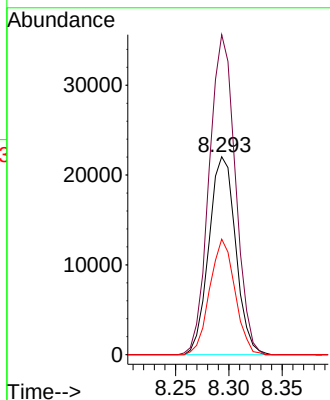
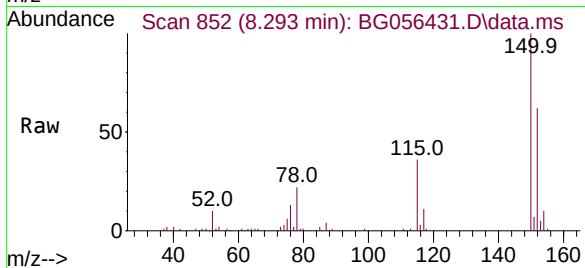




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.293 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056431.D
Acq: 25 Jan 2023 19:27

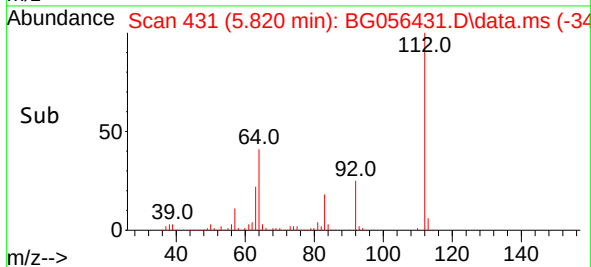
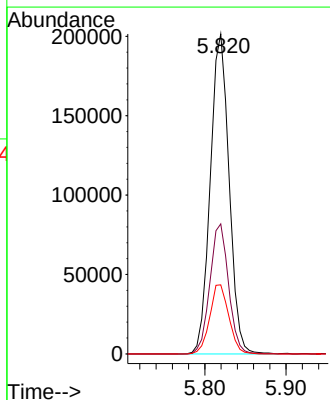
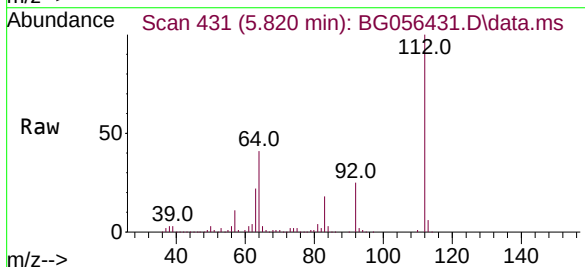
Instrument :
BNA_G
ClientSampleId :
TP-28

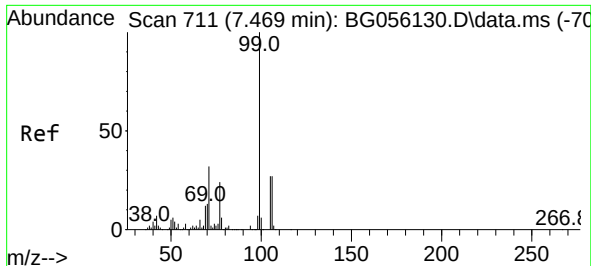
Tgt Ion:152 Resp: 38597
Ion Ratio Lower Upper
152 100
150 161.8 127.9 191.9
115 58.3 44.2 66.2



#5
2-Fluorophenol
Concen: 149.813 ng
RT: 5.820 min Scan# 431
Delta R.T. 0.006 min
Lab File: BG056431.D
Acq: 25 Jan 2023 19:27

Tgt Ion:112 Resp: 323850
Ion Ratio Lower Upper
112 100
64 40.6 33.3 49.9
63 21.6 19.0 28.4

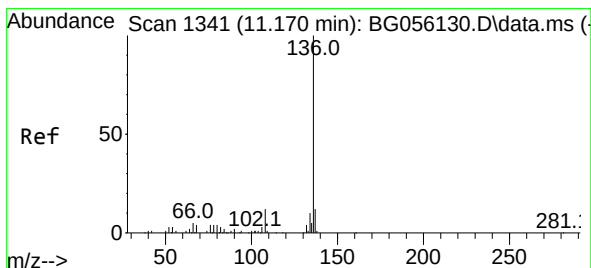
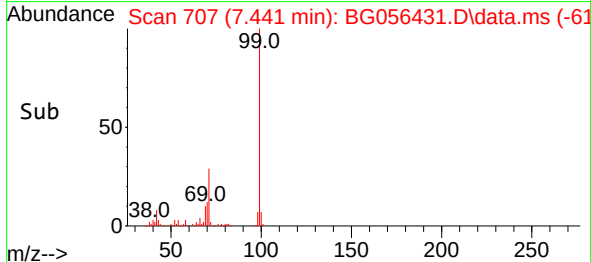
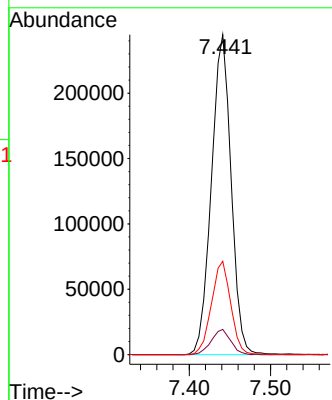
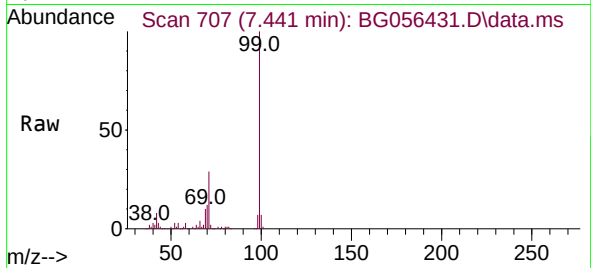




#7
Phenol-d6
Concen: 124.278 ng
RT: 7.441 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG056431.D
Acq: 25 Jan 2023 19:27

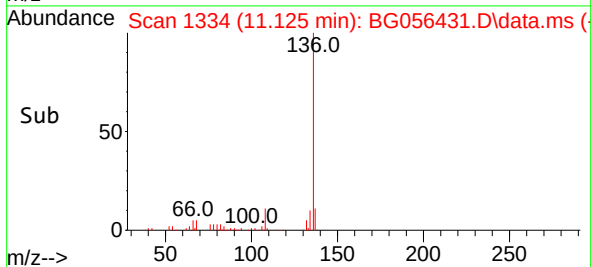
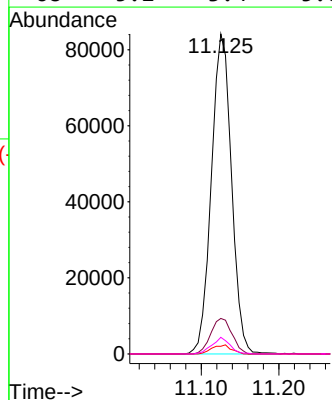
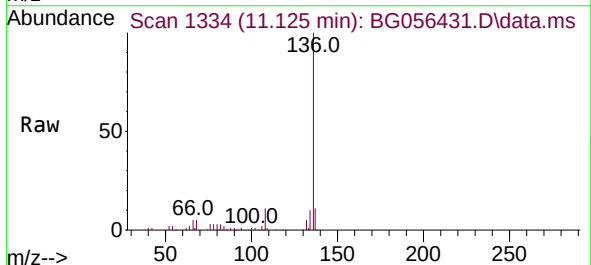
Instrument :
BNA_G
ClientSampleId :
TP-28

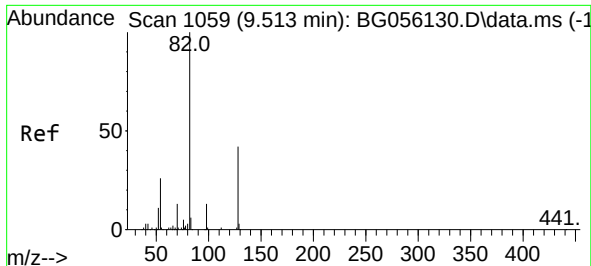
Tgt Ion: 99 Resp: 412571
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 29.2 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.125 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BG056431.D
Acq: 25 Jan 2023 19:27

Tgt Ion: 136 Resp: 151675
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 2.4 2.2 3.2
68 5.2 3.4 5.0#





#23

Nitrobenzene-d5

Concen: 85.198 ng

RT: 9.468 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BG056431.D

Acq: 25 Jan 2023 19:27

Instrument :

BNA_G

ClientSampleId :

TP-28

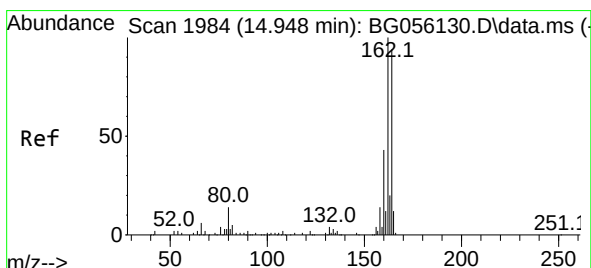
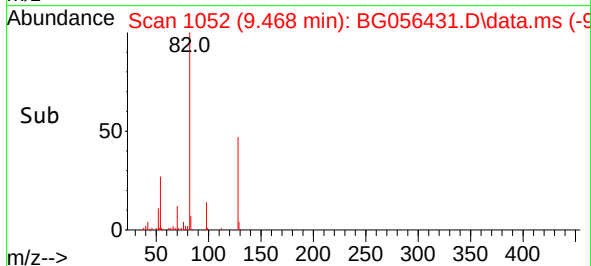
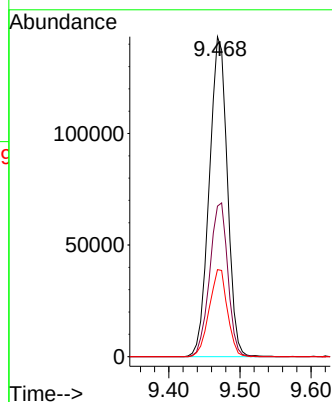
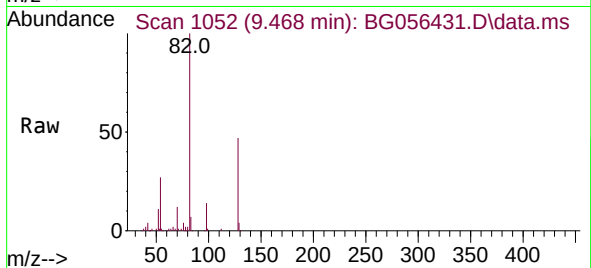
Tgt Ion: 82 Resp: 252630

Ion Ratio Lower Upper

82 100

128 47.0 33.4 50.2

54 27.2 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.909 min Scan# 1978

Delta R.T. -0.006 min

Lab File: BG056431.D

Acq: 25 Jan 2023 19:27

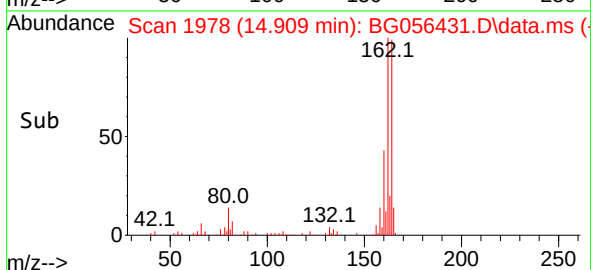
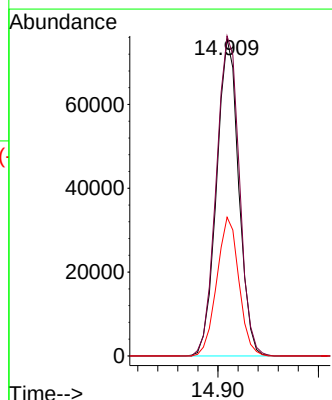
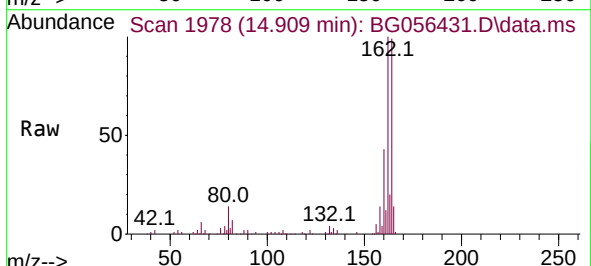
Tgt Ion:164 Resp: 115960

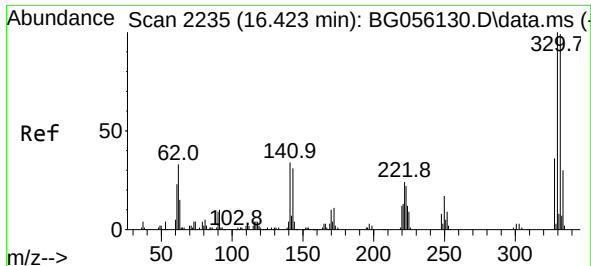
Ion Ratio Lower Upper

164 100

162 101.0 84.7 127.1

160 43.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 161.178 ng

RT: 16.395 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056431.D

Acq: 25 Jan 2023 19:27

Instrument :

BNA_G

ClientSampleId :

TP-28

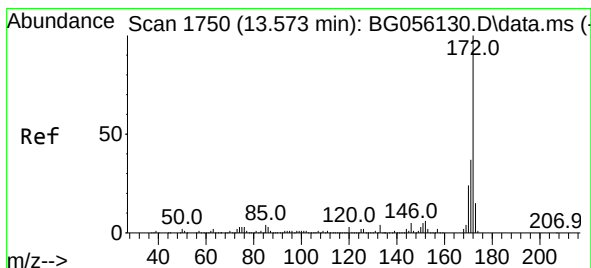
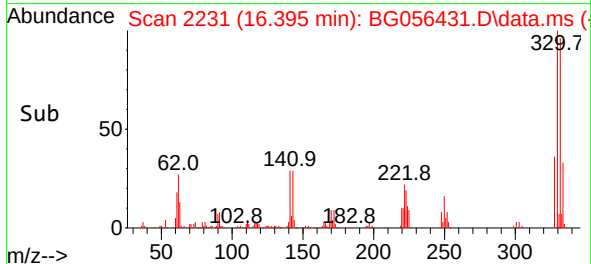
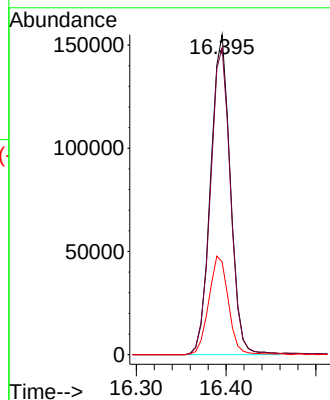
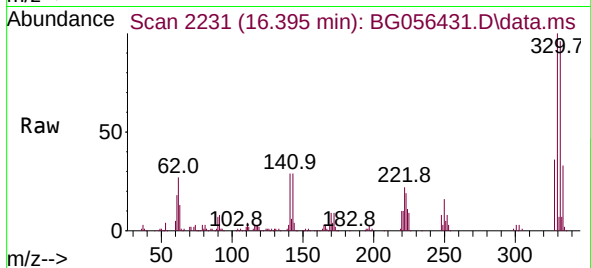
Tgt Ion:330 Resp: 236708

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 30.7 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 99.993 ng

RT: 13.534 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BG056431.D

Acq: 25 Jan 2023 19:27

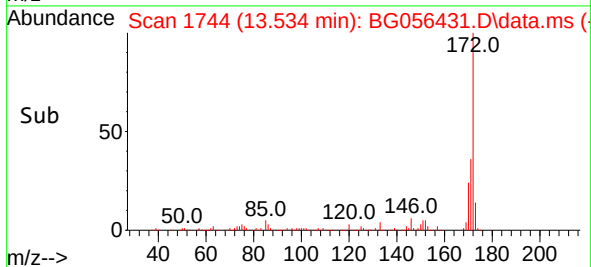
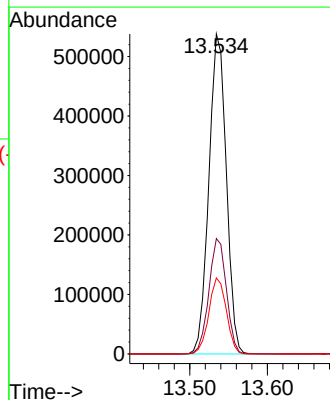
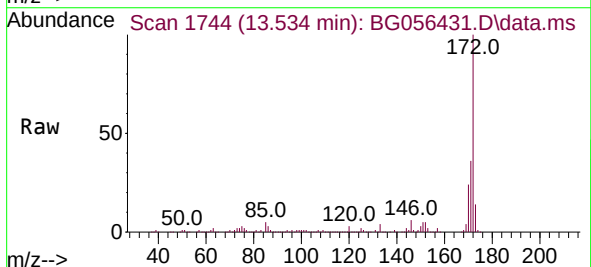
Tgt Ion:172 Resp: 839682

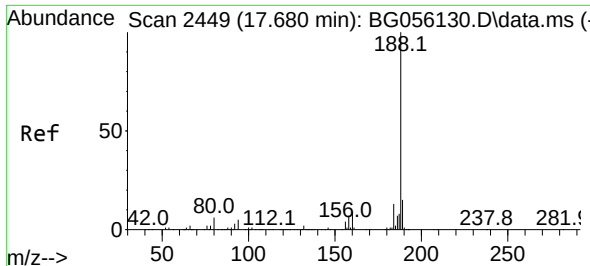
Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

170 23.7 19.4 29.2

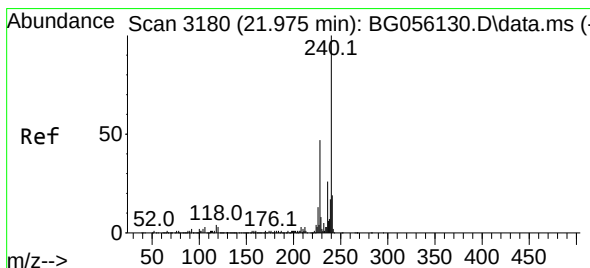
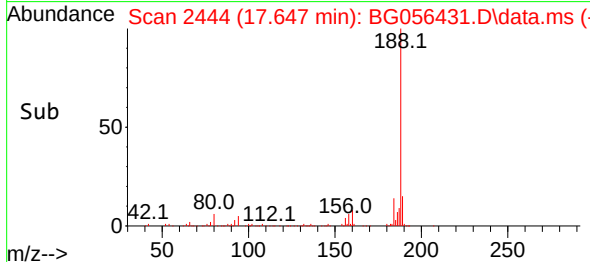
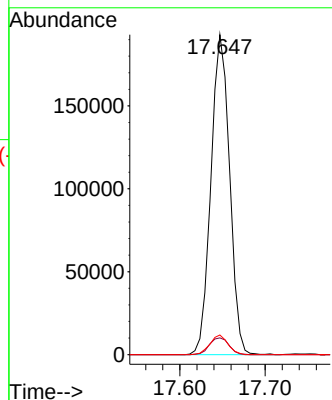
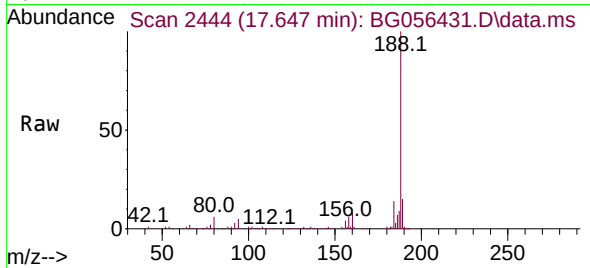




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BG056431.D
Acq: 25 Jan 2023 19:27

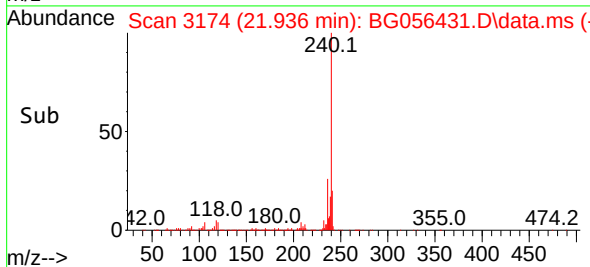
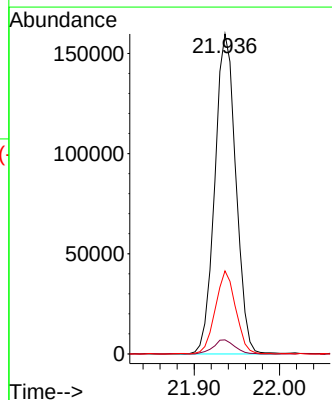
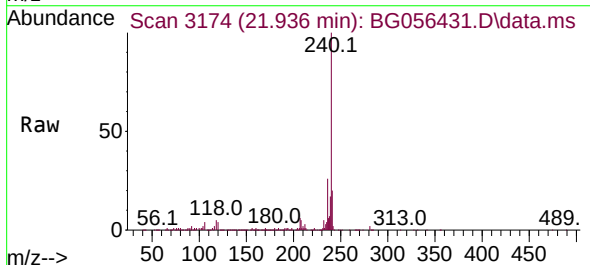
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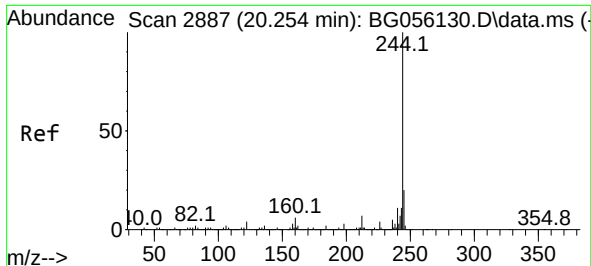
Tgt Ion:188 Resp: 293226
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 6.1 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. -0.006 min
Lab File: BG056431.D
Acq: 25 Jan 2023 19:27

Tgt Ion:240 Resp: 273244
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.9 20.8 31.2

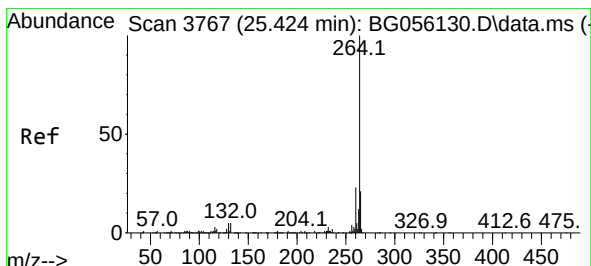
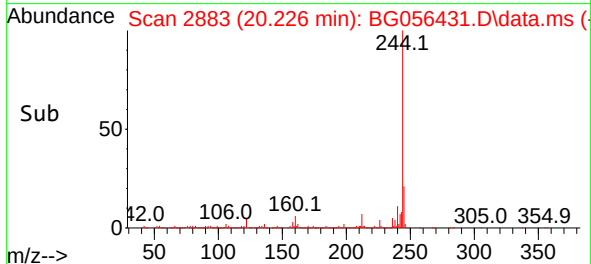
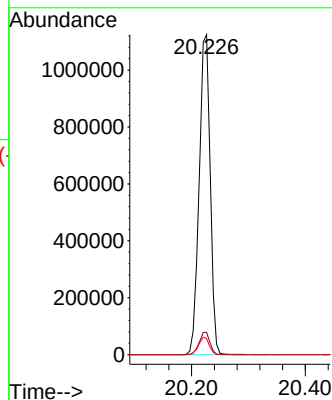
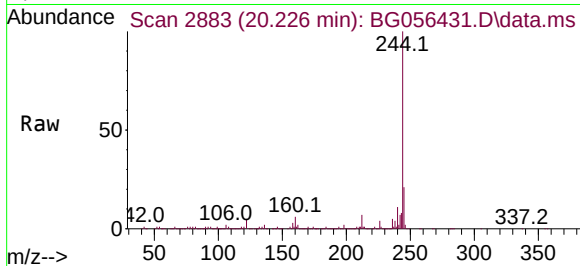




#79
 Terphenyl-d14
 Concen: 98.733 ng
 RT: 20.226 min Scan# 2883
 Delta R.T. 0.000 min
 Lab File: BG056431.D
 Acq: 25 Jan 2023 19:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-28

Tgt Ion:244 Resp: 1506283
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 5.0 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.367 min Scan# 3758
 Delta R.T. -0.006 min
 Lab File: BG056431.D
 Acq: 25 Jan 2023 19:27

Tgt Ion:264 Resp: 290049
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 22.5 16.7 25.1

