

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056161.D
 Acq On : 29 Dec 2022 19:38
 Operator : CG/JU
 Sample : N6228-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Dec 30 04:08:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	44625	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	150956	20.000	ng	0.00
39) Acenaphthene-d10	14.941	164	121508	20.000	ng	0.00
64) Phenanthrene-d10	17.679	188	329956	20.000	ng	0.00
76) Chrysene-d12	21.974	240	353029	20.000	ng	0.00
86) Perylene-d12	25.423	264	371492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	415846	166.385	ng	0.00
7) Phenol-d6	7.474	99	535598	139.543	ng	0.00
23) Nitrobenzene-d5	9.507	82	324001	109.788	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	258397	167.912	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	962453	109.380	ng	0.00
79) Terphenyl-d14	20.253	244	2190975	111.157	ng	0.00

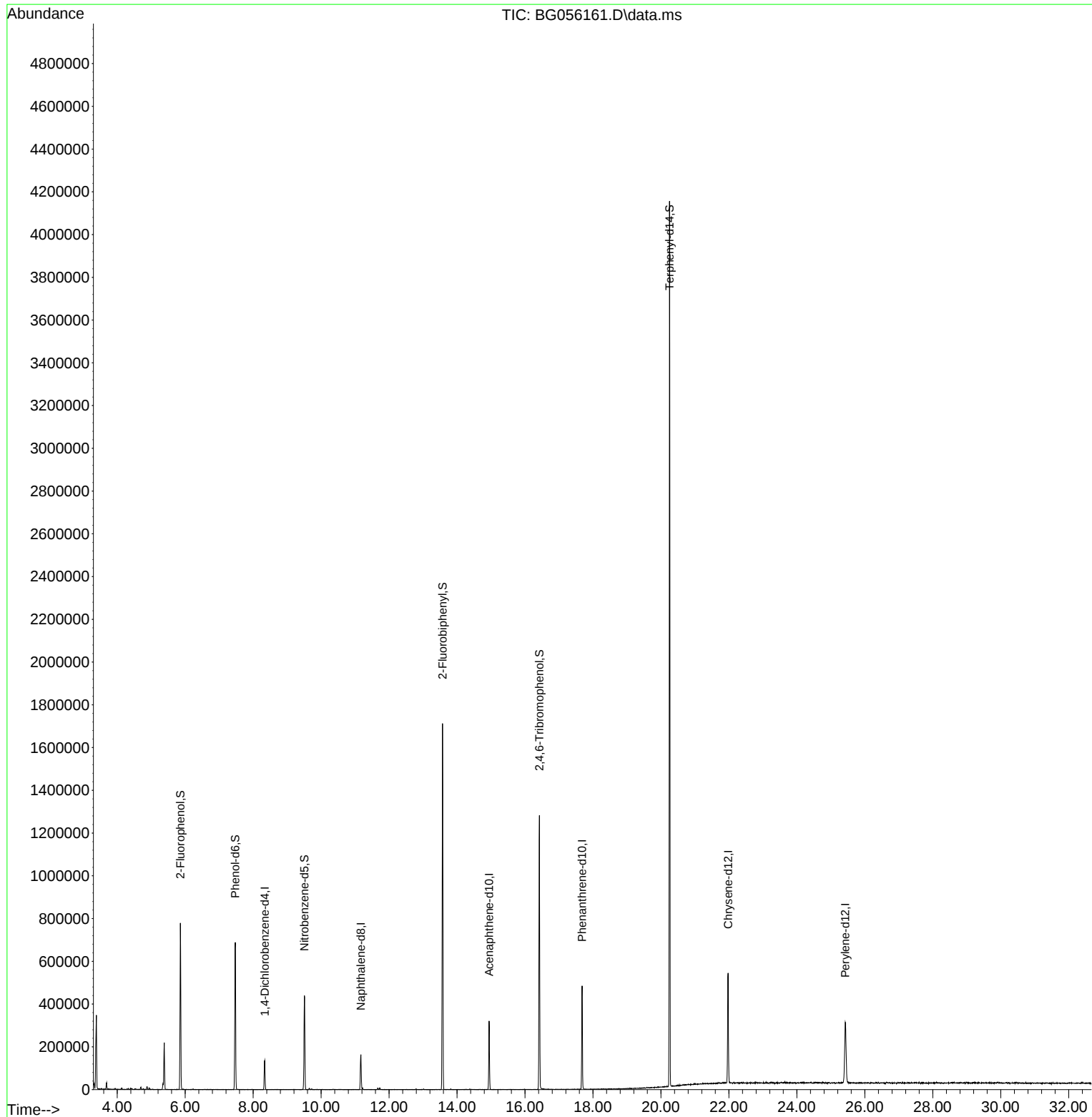
Target Compounds	Qvalue

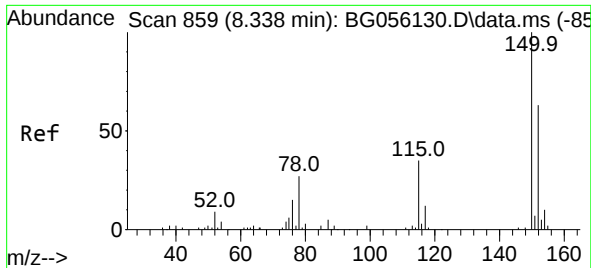
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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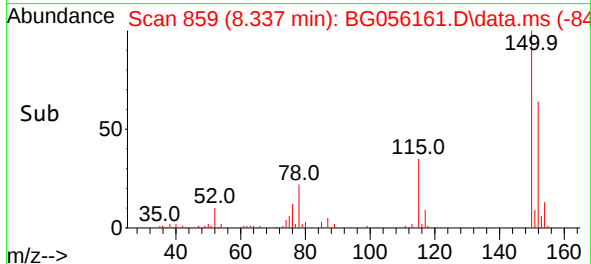
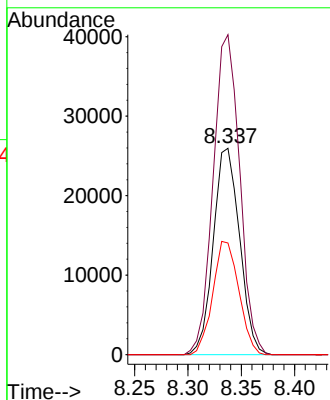
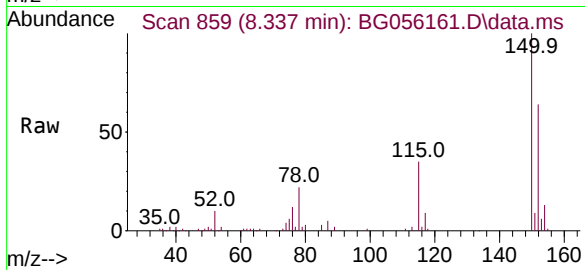




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.337 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG056161.D
 Acq: 29 Dec 2022 19:38

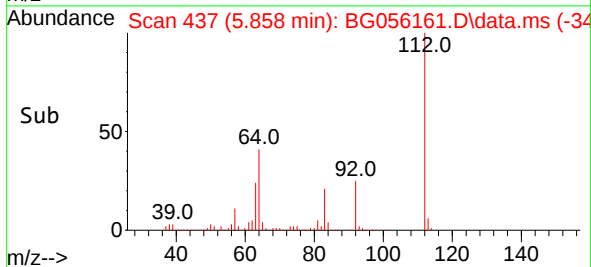
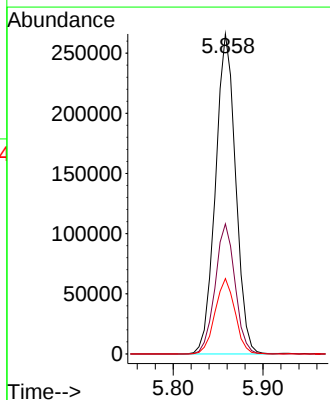
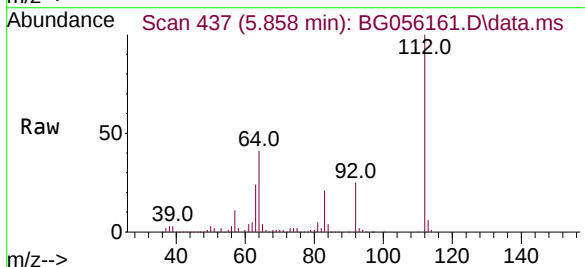
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

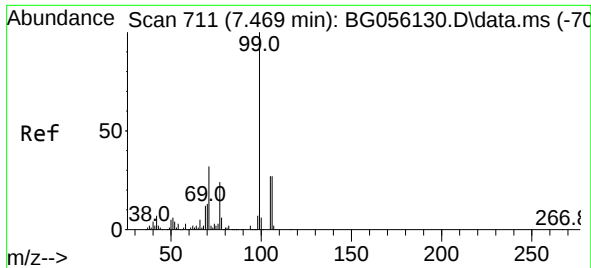
Tgt Ion:152 Resp: 44625
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.9 191.9
 115 54.1 44.2 66.2



#5
 2-Fluorophenol
 Concen: 166.385 ng
 RT: 5.858 min Scan# 437
 Delta R.T. 0.005 min
 Lab File: BG056161.D
 Acq: 29 Dec 2022 19:38

Tgt Ion:112 Resp: 415846
 Ion Ratio Lower Upper
 112 100
 64 40.6 33.3 49.9
 63 23.5 19.0 28.4

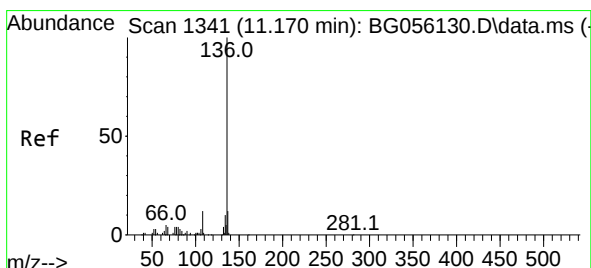
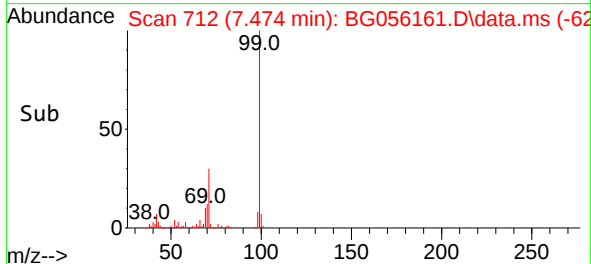
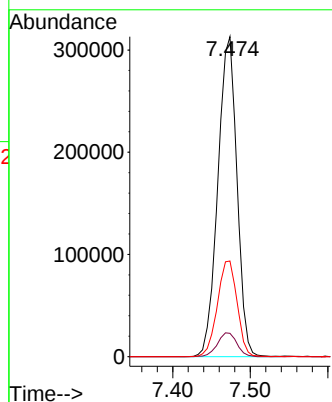
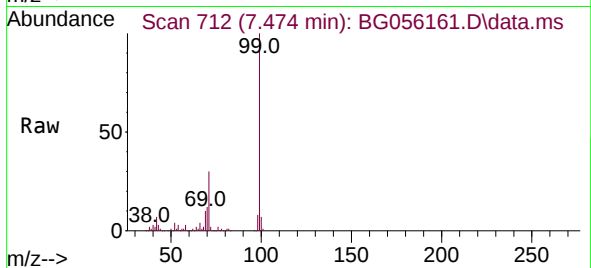




#7
Phenol-d6
Concen: 139.543 ng
RT: 7.474 min Scan# 711
Delta R.T. 0.005 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

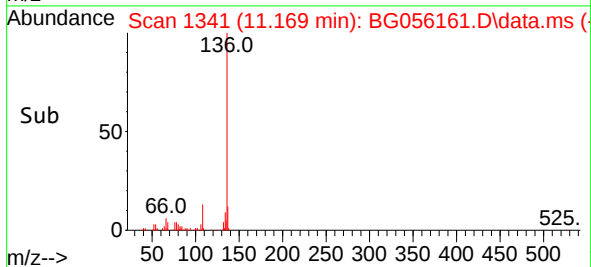
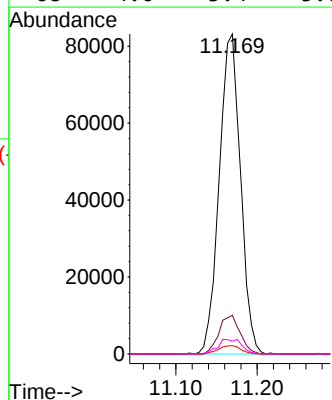
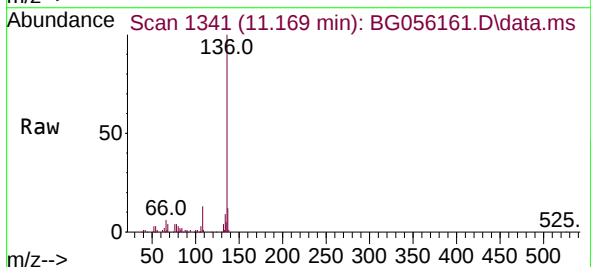
Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 535598
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 29.9 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 1341
Delta R.T. -0.001 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

Tgt Ion: 136 Resp: 150956
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.0
54 2.6 2.2 3.2
68 4.0 3.4 5.0





#23

Nitrobenzene-d5

Concen: 109.788 ng

RT: 9.507 min Scan# 1058

Delta R.T. -0.007 min

Lab File: BG056161.D

Acq: 29 Dec 2022 19:38

Instrument :

BNA_G

ClientSampleId :

TP-4

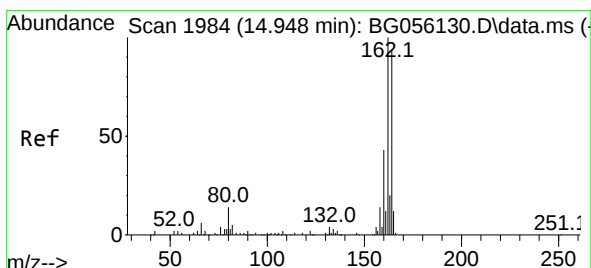
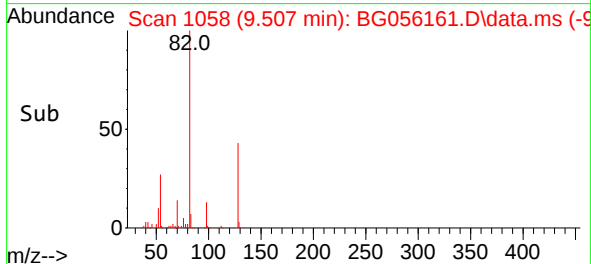
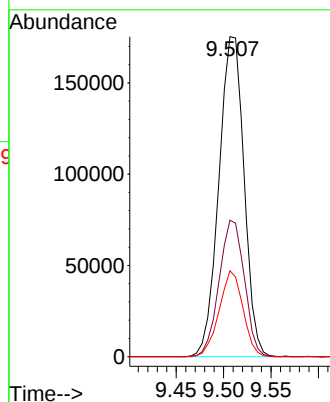
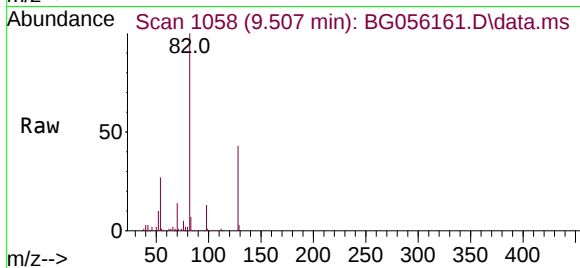
Tgt Ion: 82 Resp: 324001

Ion Ratio Lower Upper

82 100

128 42.6 33.4 50.2

54 26.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.941 min Scan# 1983

Delta R.T. -0.007 min

Lab File: BG056161.D

Acq: 29 Dec 2022 19:38

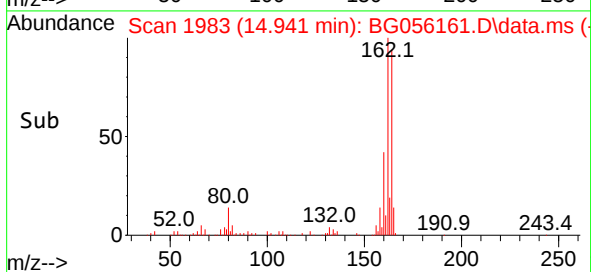
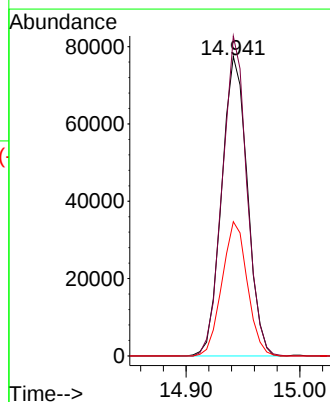
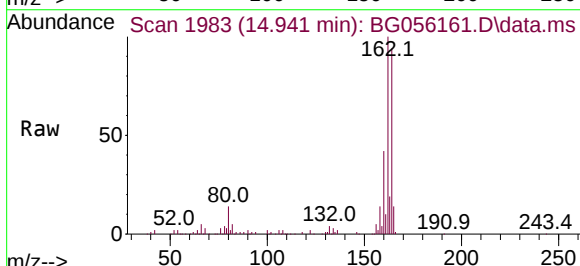
Tgt Ion:164 Resp: 121508

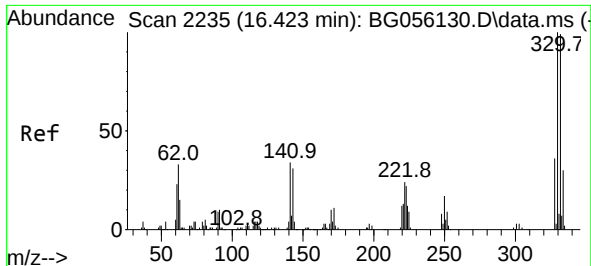
Ion Ratio Lower Upper

164 100

162 106.8 84.7 127.1

160 44.8 36.3 54.5

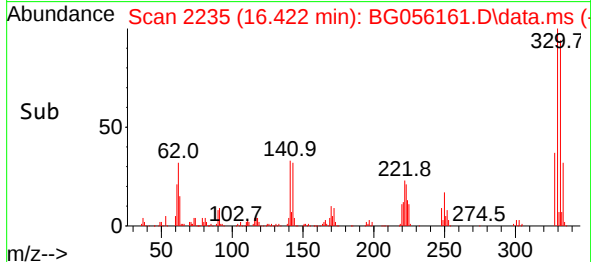
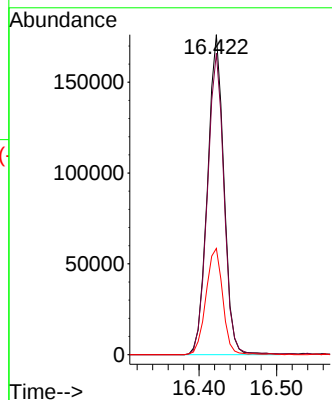
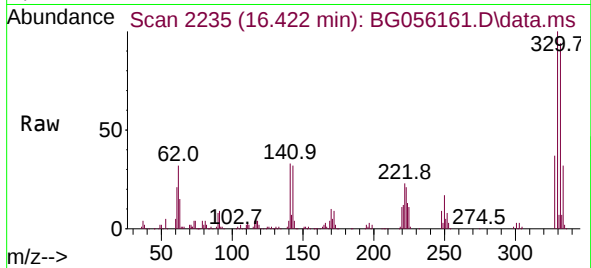




#42
 2,4,6-Tribromophenol
 Concen: 167.912 ng
 RT: 16.422 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056161.D
 Acq: 29 Dec 2022 19:38

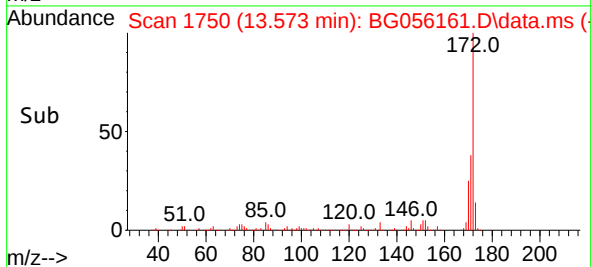
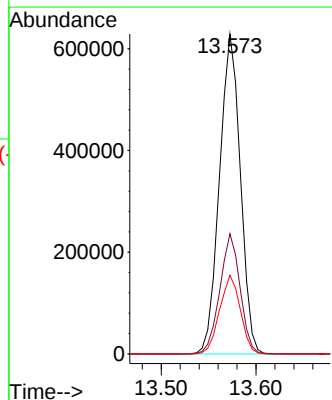
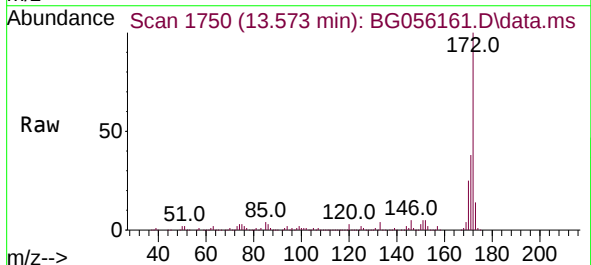
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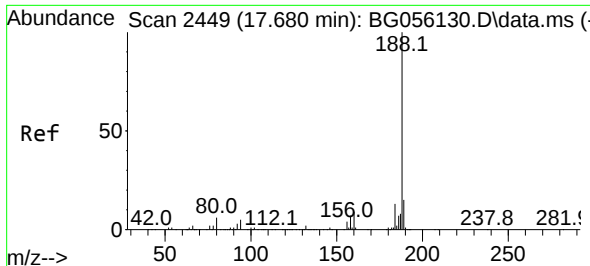
Tgt Ion:330 Resp: 258397
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 34.1 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 109.380 ng
 RT: 13.573 min Scan# 1750
 Delta R.T. -0.001 min
 Lab File: BG056161.D
 Acq: 29 Dec 2022 19:38

Tgt Ion:172 Resp: 962453
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 24.6 19.4 29.2

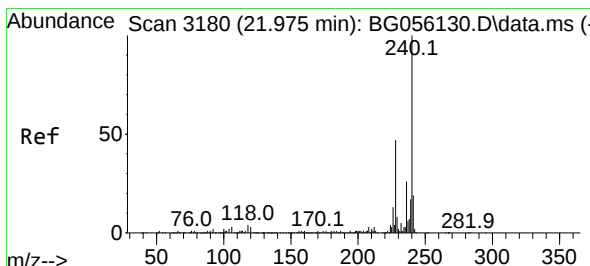
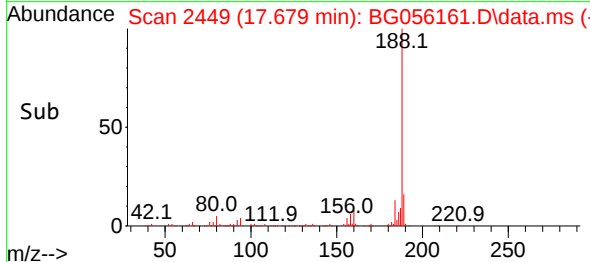
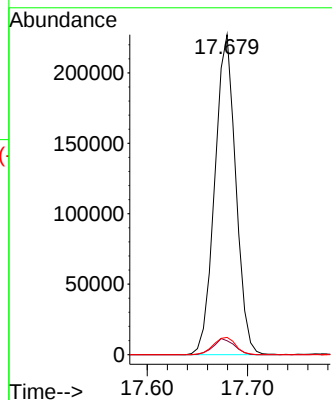
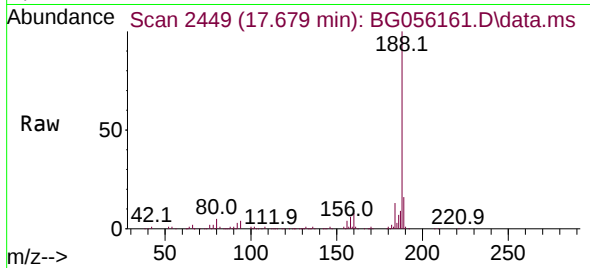




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.679 min Scan# 2449
Delta R.T. -0.001 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

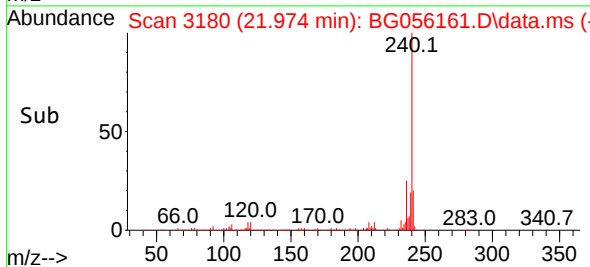
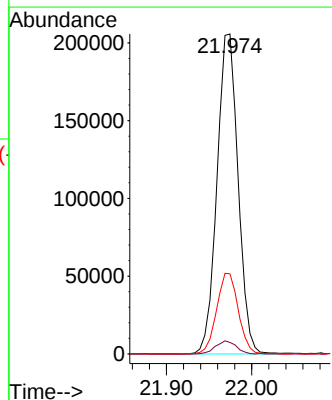
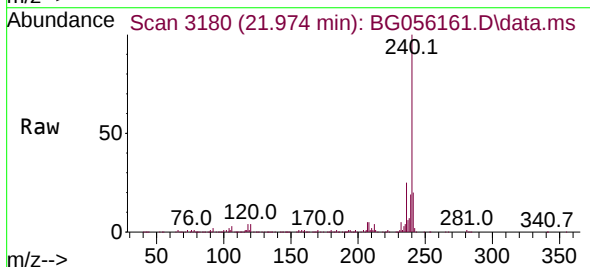
Instrument :
BNA_G
ClientSampleId :
TP-4

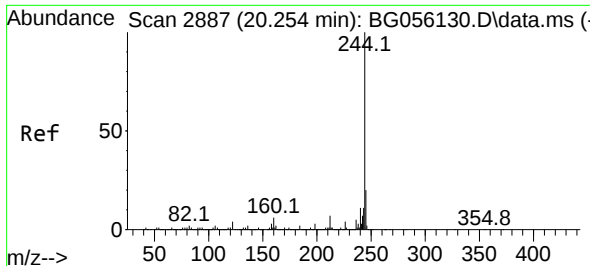
Tgt Ion:188 Resp: 329956
Ion Ratio Lower Upper
188 100
94 4.3 4.2 6.2
80 5.4 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.974 min Scan# 3180
Delta R.T. -0.001 min
Lab File: BG056161.D
Acq: 29 Dec 2022 19:38

Tgt Ion:240 Resp: 353029
Ion Ratio Lower Upper
240 100
120 3.6 2.6 4.0
236 25.0 20.8 31.2

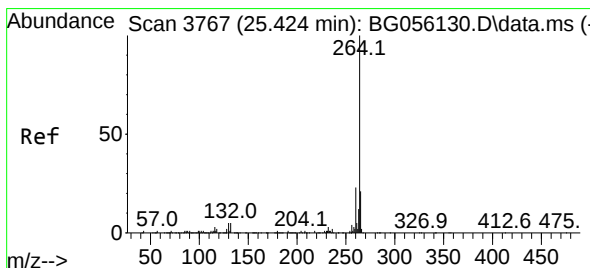
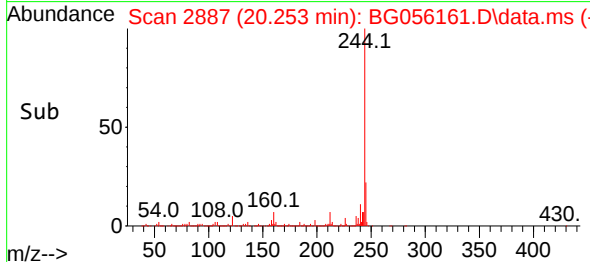
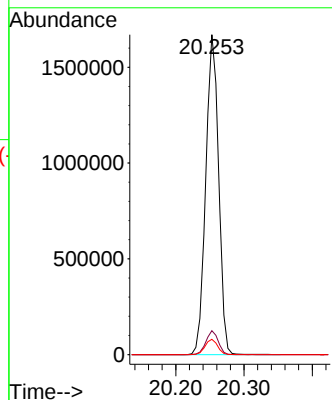
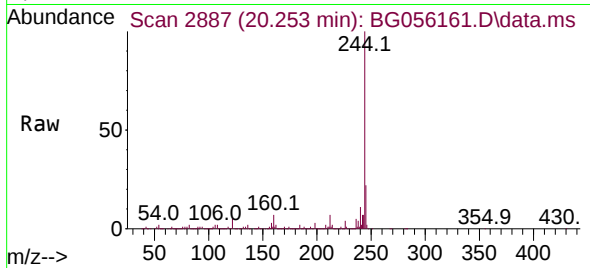




#79
 Terphenyl-d14
 Concen: 111.157 ng
 RT: 20.253 min Scan# 2887
 Delta R.T. -0.001 min
 Lab File: BG056161.D
 Acq: 29 Dec 2022 19:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 2190975
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.423 min Scan# 3767
 Delta R.T. -0.001 min
 Lab File: BG056161.D
 Acq: 29 Dec 2022 19:38

Tgt Ion:264 Resp: 371492
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 19.7 16.7 25.1

