

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056266.D
 Acq On : 12 Jan 2023 13:10
 Operator : CG/JU
 Sample : 01093-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TT-214-IDWSO-20230109-1

Quant Time: Jan 13 05:21:29 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 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	43139	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	157638	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	129548	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	362273	20.000	ng	0.00
76) Chrysene-d12	21.954	240	362267	20.000	ng	# 0.00
86) Perylene-d12	25.397	264	401409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	218756	90.542	ng	0.01
7) Phenol-d6	7.447	99	309318	83.365	ng	0.00
23) Nitrobenzene-d5	9.486	82	165341	53.651	ng	0.00
42) 2,4,6-Tribromophenol	16.407	330	151084	92.085	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	531847	56.691	ng	0.00
79) Terphenyl-d14	20.238	244	1215095	60.074	ng	0.00

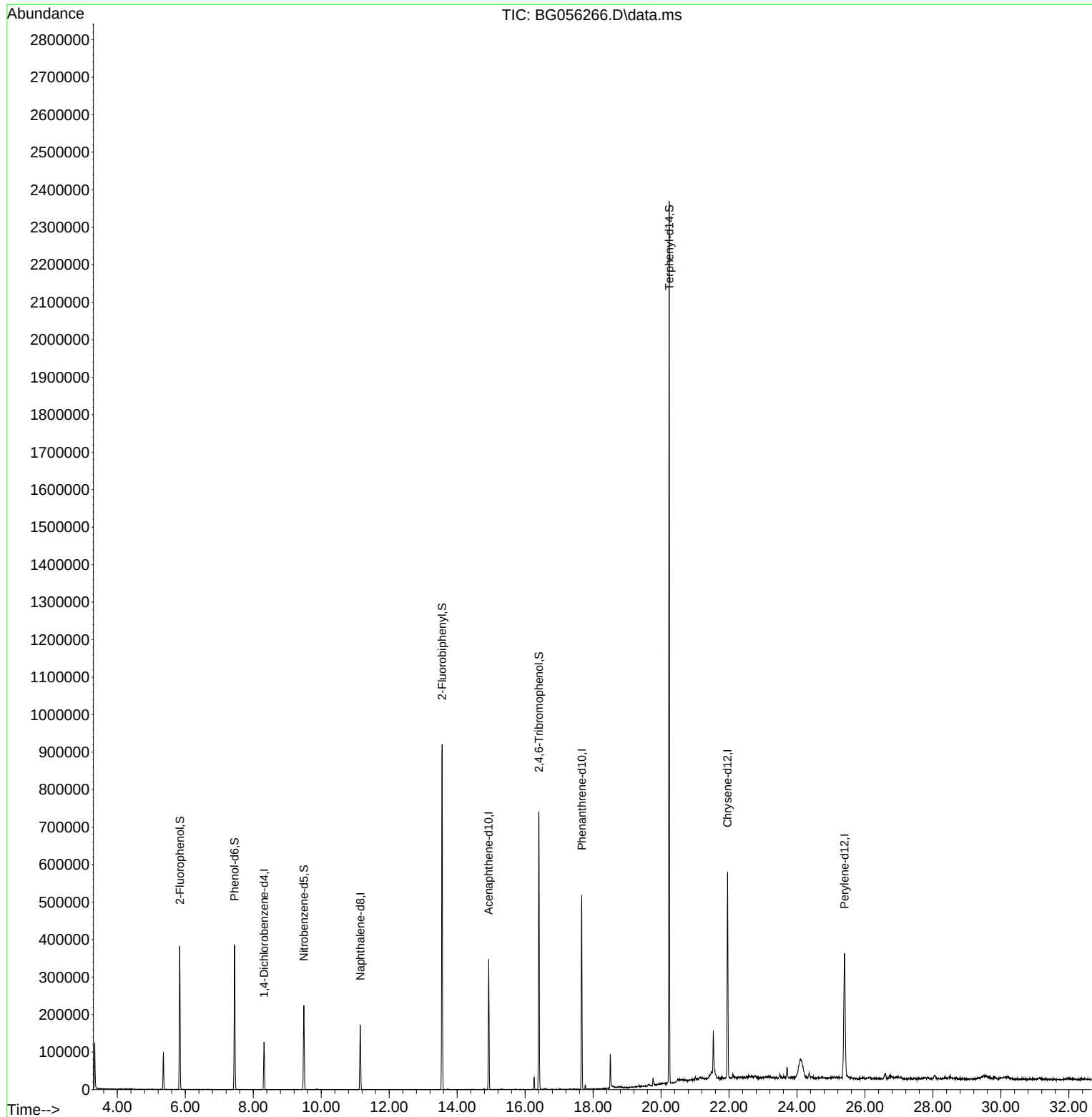
Target Compounds	Qvalue

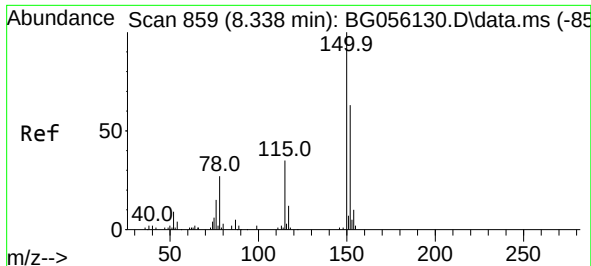
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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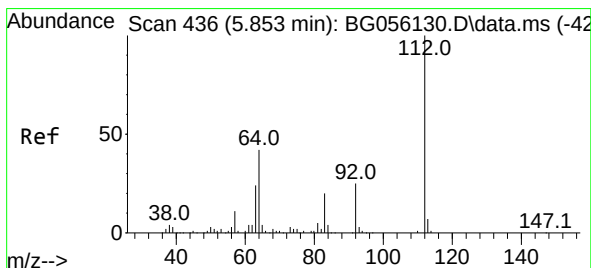
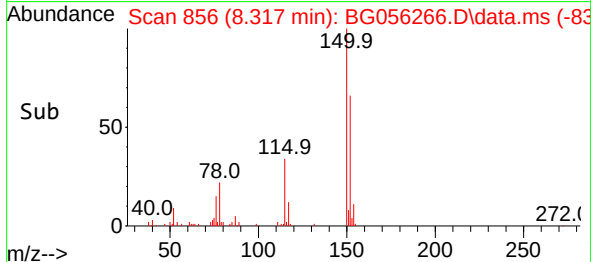
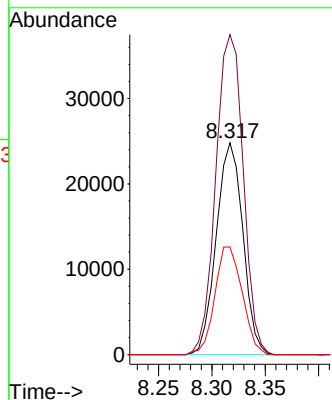
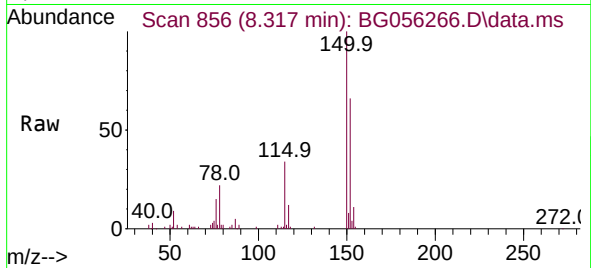




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056266.D
Acq: 12 Jan 2023 13:10

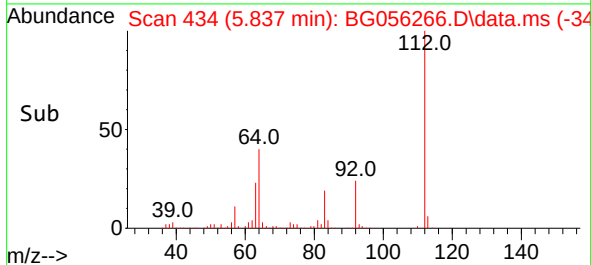
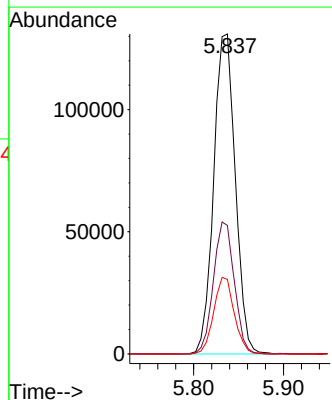
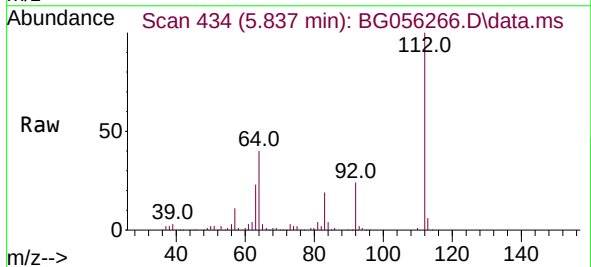
Instrument :
BNA_G
ClientSampleId :
TT-214-IDWSO-20230109-1

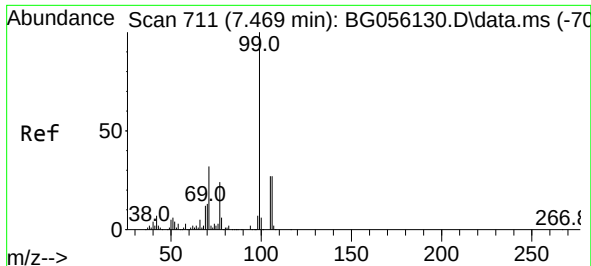
Tgt Ion:152 Resp: 43139
Ion Ratio Lower Upper
152 100
150 151.1 127.9 191.9
115 50.8 44.2 66.2



#5
2-Fluorophenol
Concen: 90.542 ng
RT: 5.837 min Scan# 434
Delta R.T. 0.012 min
Lab File: BG056266.D
Acq: 12 Jan 2023 13:10

Tgt Ion:112 Resp: 218756
Ion Ratio Lower Upper
112 100
64 40.1 33.3 49.9
63 23.3 19.0 28.4

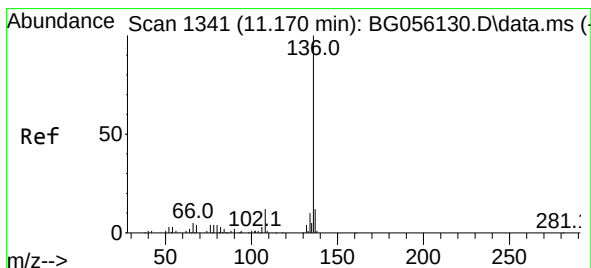
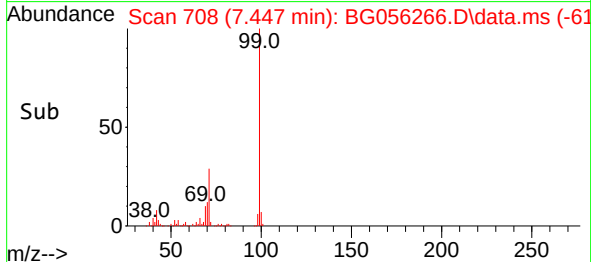
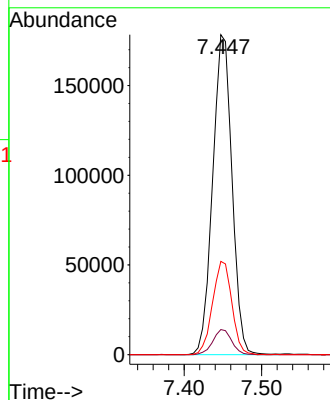
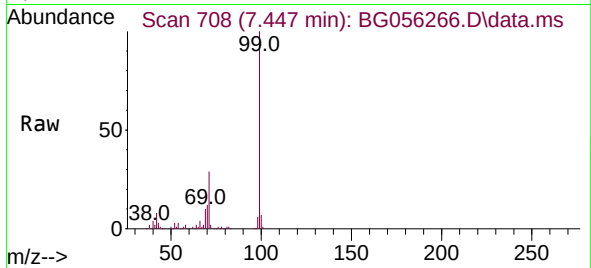




#7
Phenol-d6
Concen: 83.365 ng
RT: 7.447 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG056266.D
Acq: 12 Jan 2023 13:10

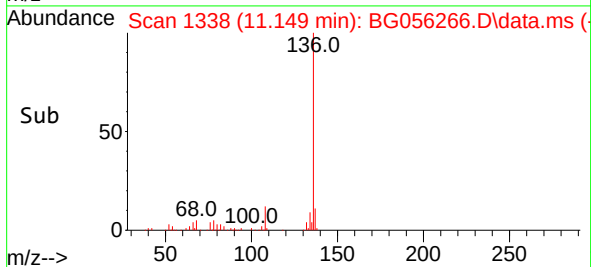
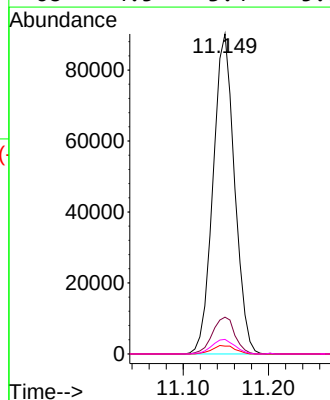
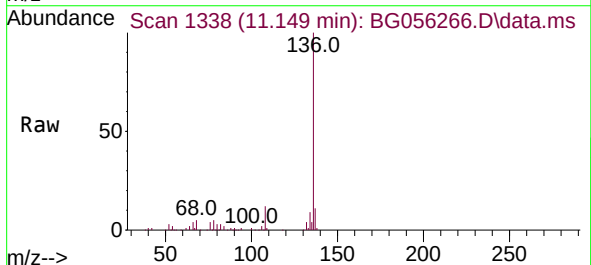
Instrument :
BNA_G
ClientSampleId :
TT-214-IDWSO-20230109-1

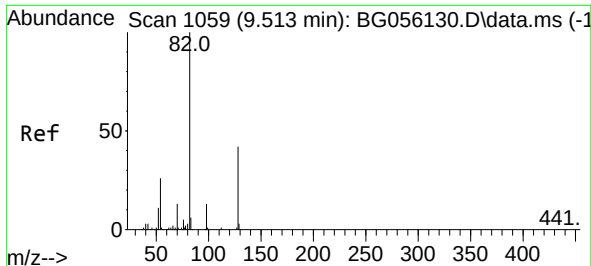
Tgt Ion: 99 Resp: 309318
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 29.1 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BG056266.D
Acq: 12 Jan 2023 13:10

Tgt Ion: 136 Resp: 157638
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 2.4 2.2 3.2
68 4.5 3.4 5.0





#23

Nitrobenzene-d5

Concen: 53.651 ng

RT: 9.486 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BG056266.D

Acq: 12 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

TT-214-IDWSO-20230109-1

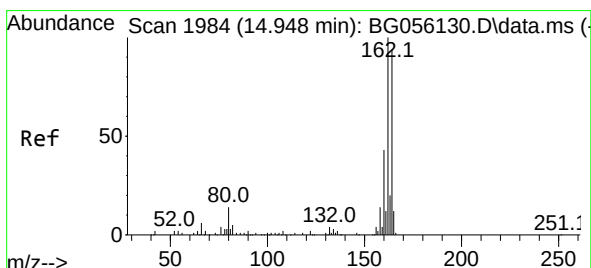
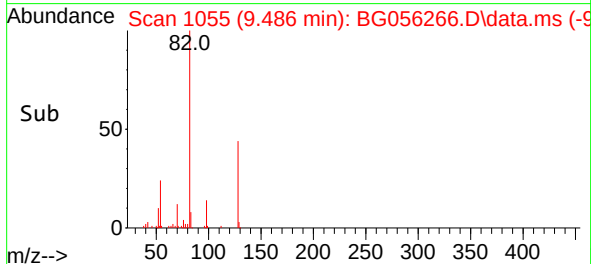
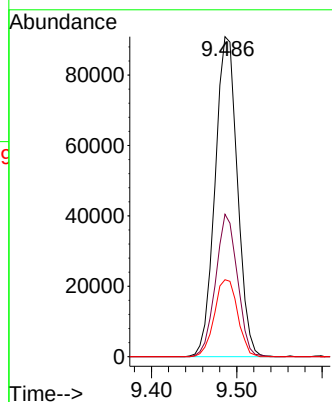
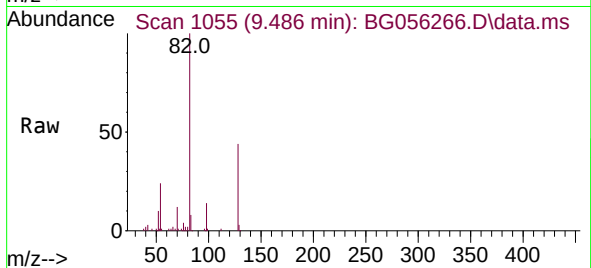
Tgt Ion: 82 Resp: 165341

Ion Ratio Lower Upper

82 100

128 44.5 33.4 50.2

54 24.0 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.927 min Scan# 1981

Delta R.T. 0.000 min

Lab File: BG056266.D

Acq: 12 Jan 2023 13:10

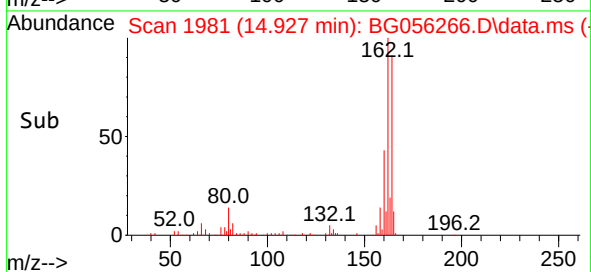
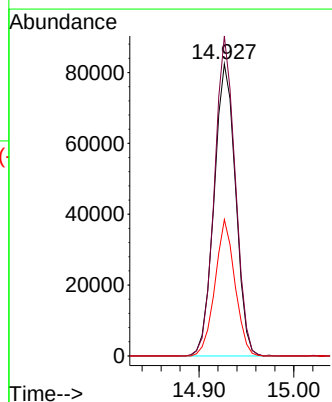
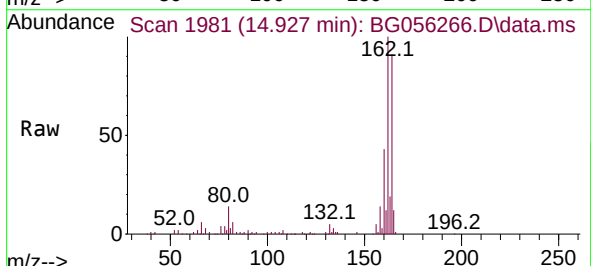
Tgt Ion: 164 Resp: 129548

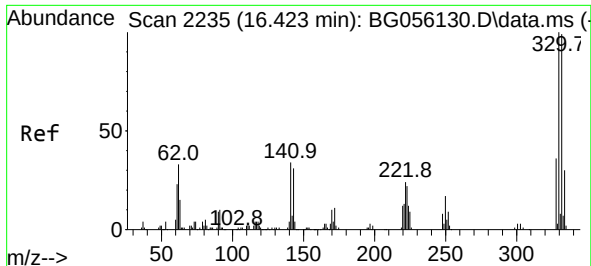
Ion Ratio Lower Upper

164 100

162 109.6 84.7 127.1

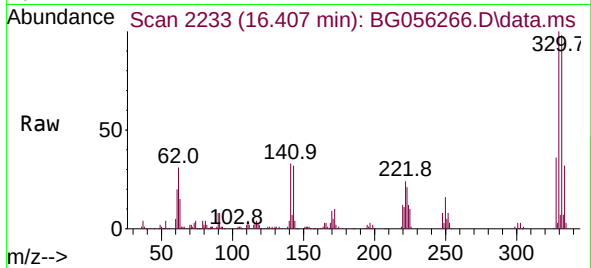
160 46.6 36.3 54.5



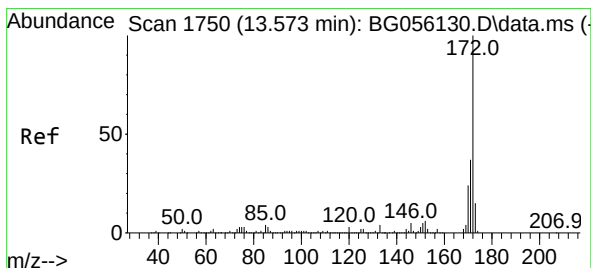
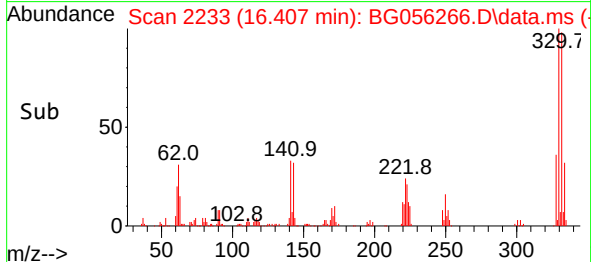
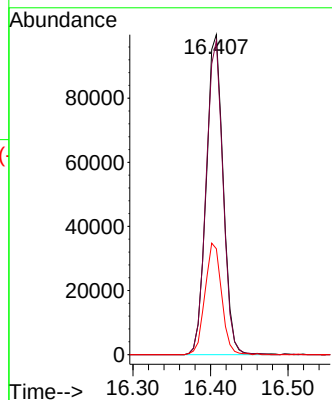


#42
2,4,6-Tribromophenol
Concen: 92.085 ng
RT: 16.407 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056266.D
Acq: 12 Jan 2023 13:10

Instrument :
BNA_G
ClientSampleId :
TT-214-IDWSO-20230109-1

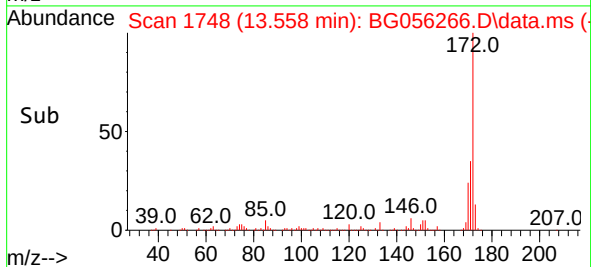
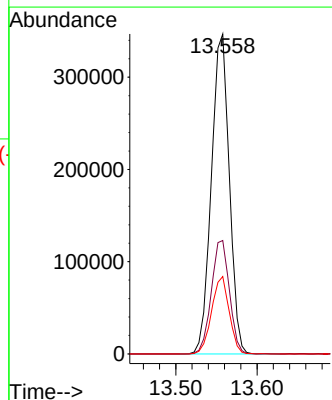
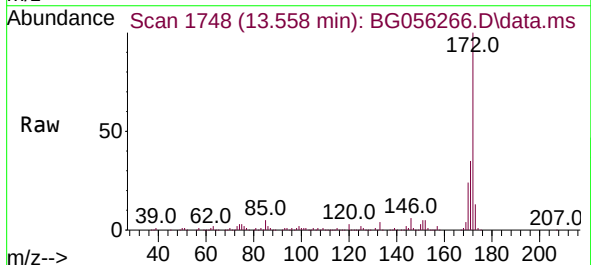


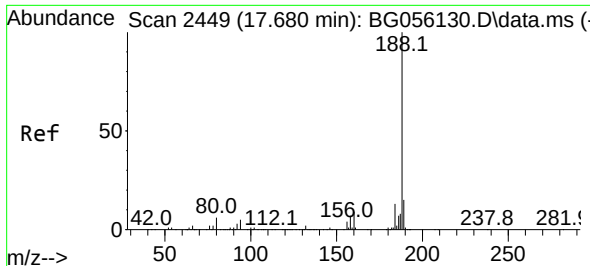
Tgt Ion:330 Resp: 151084
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 34.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 56.691 ng
RT: 13.558 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG056266.D
Acq: 12 Jan 2023 13:10

Tgt Ion:172 Resp: 531847
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 24.2 19.4 29.2

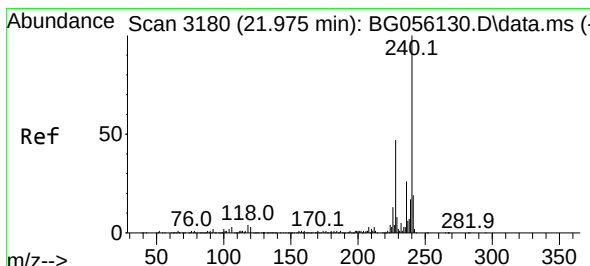
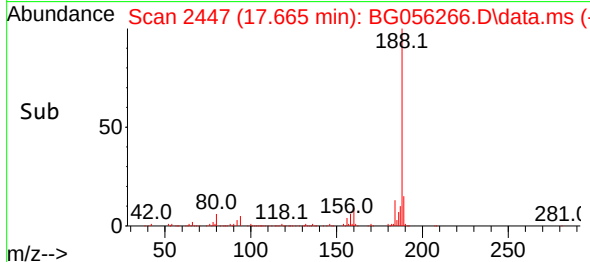
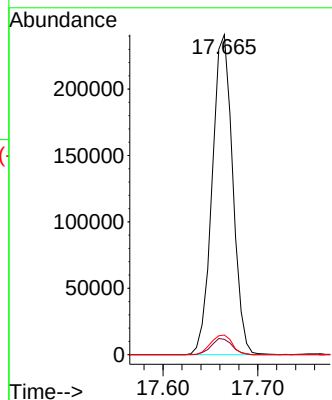
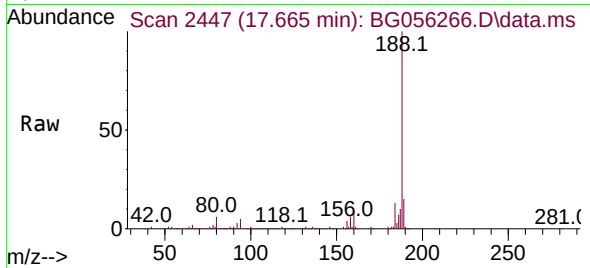




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.665 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BG056266.D
Acq: 12 Jan 2023 13:10

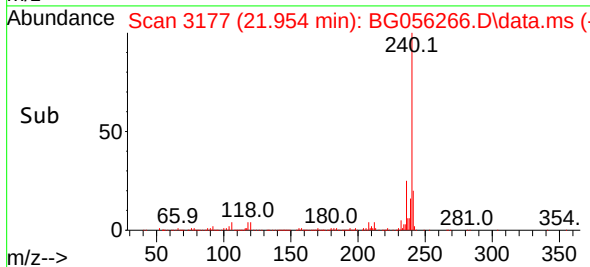
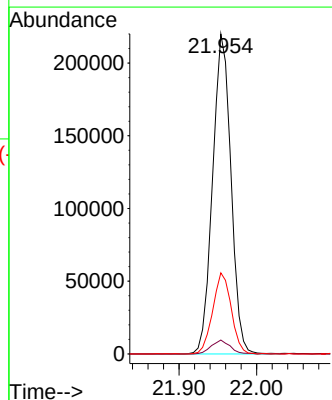
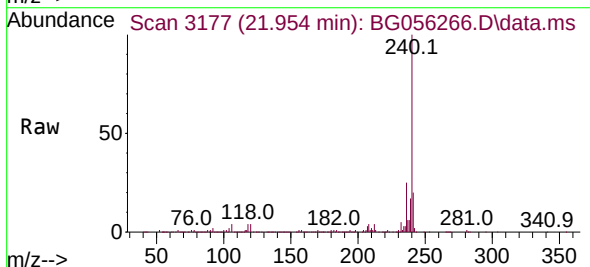
Instrument :
BNA_G
ClientSampleId :
TT-214-IDWSO-20230109-1

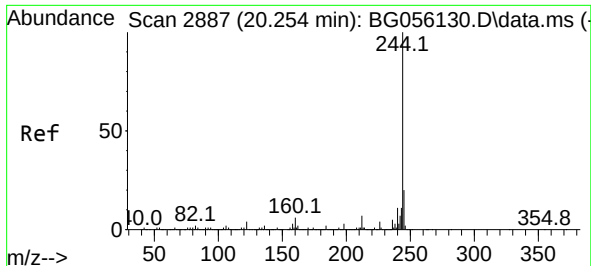
Tgt Ion:188 Resp: 362273
Ion Ratio Lower Upper
188 100
94 4.8 4.2 6.2
80 6.1 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.954 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BG056266.D
Acq: 12 Jan 2023 13:10

Tgt Ion:240 Resp: 362267
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 25.3 20.8 31.2

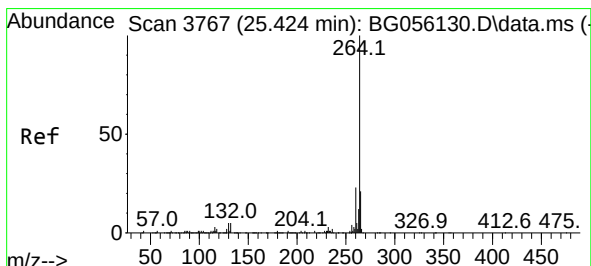
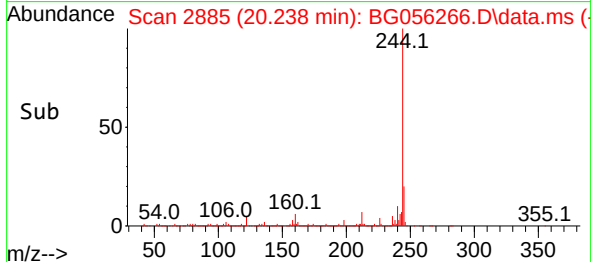
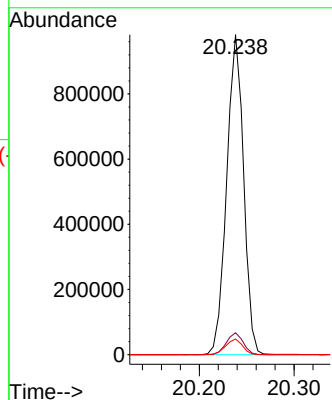
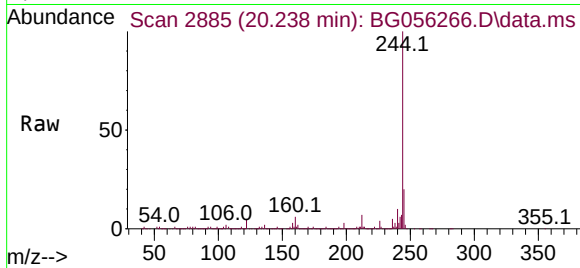




#79
 Terphenyl-d14
 Concen: 60.074 ng
 RT: 20.238 min Scan# 2885
 Delta R.T. 0.000 min
 Lab File: BG056266.D
 Acq: 12 Jan 2023 13:10

Instrument :
 BNA_G
 ClientSampleId :
 TT-214-IDWSO-20230109-1

Tgt Ion:244 Resp: 1215095
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 4.9 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.397 min Scan# 3763
 Delta R.T. -0.006 min
 Lab File: BG056266.D
 Acq: 12 Jan 2023 13:10

Tgt Ion:264 Resp: 401409
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.6 28.0
 265 22.5 16.7 25.1

