

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056260.D
 Acq On : 11 Jan 2023 21:27
 Operator : CG/JU
 Sample : 01064-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4-01

Quant Time: Jan 12 04:24:06 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)

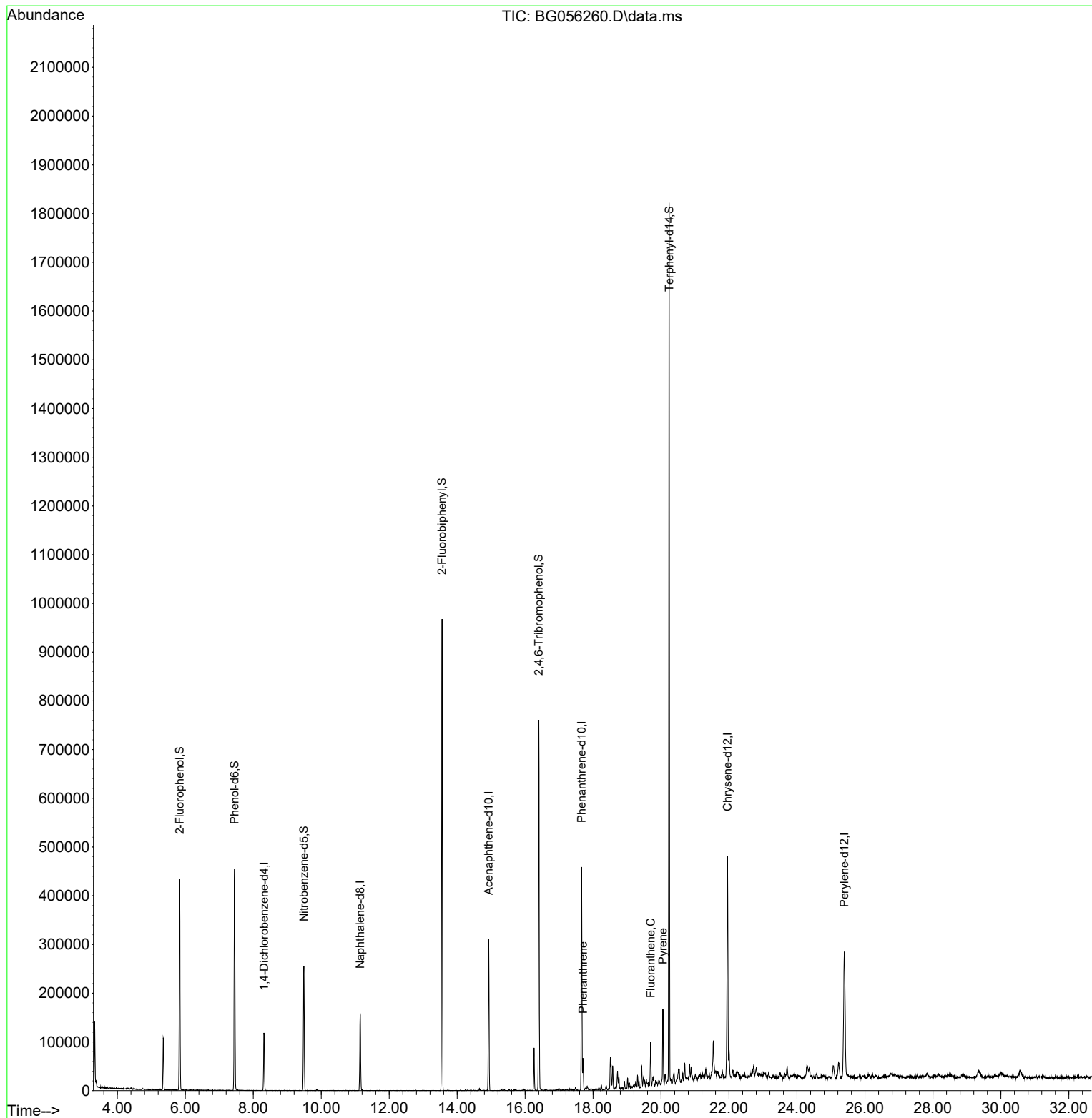
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	40271	20.000	ng	0.00
21) Naphthalene-d8	11.144	136	147377	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	119449	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	307781	20.000	ng	0.00
76) Chrysene-d12	21.955	240	303098	20.000	ng	# 0.00
86) Perylene-d12	25.392	264	334224	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	243043	107.758	ng	0.00
7) Phenol-d6	7.449	99	349957	101.035	ng	0.00
23) Nitrobenzene-d5	9.488	82	183858	63.813	ng	0.00
42) 2,4,6-Tribromophenol	16.403	330	155236	102.615	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	542569	62.724	ng	0.00
79) Terphenyl-d14	20.240	244	1019150	60.223	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.701	178	46458	2.913	ng	96
75) Fluoranthene	19.693	202	59460	2.858	ng	98
78) Pyrene	20.052	202	101993	4.774	ng	99

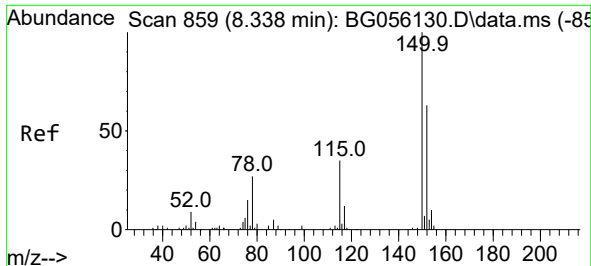
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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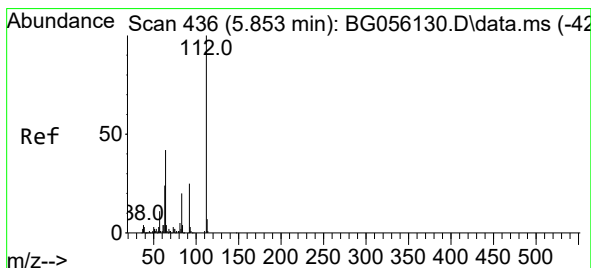
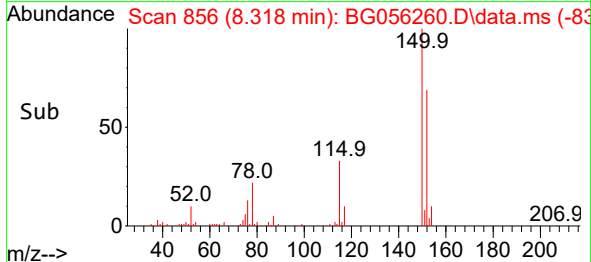
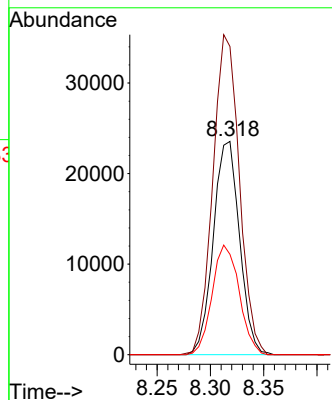
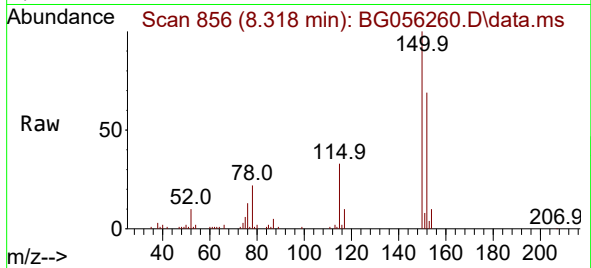




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056260.D
Acq: 11 Jan 2023 21:27

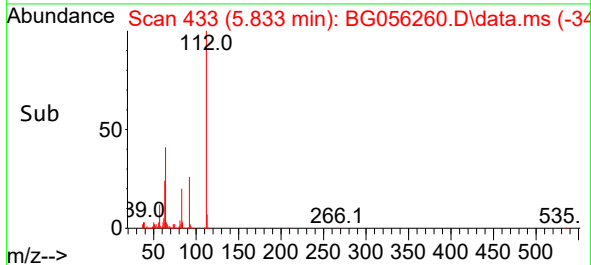
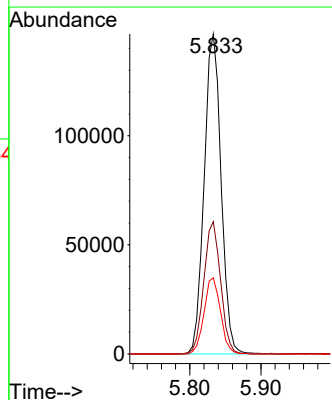
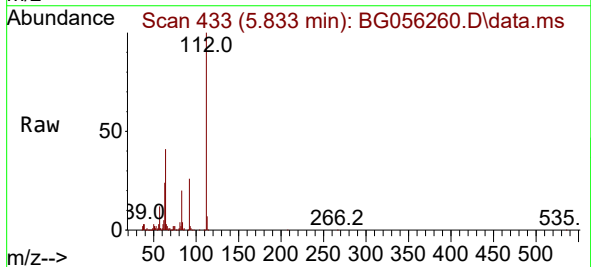
Instrument :
BNA_G
ClientSampleId :
S4-01

Tgt Ion:152 Resp: 40271
Ion Ratio Lower Upper
152 100
150 144.4 127.9 191.9
115 47.1 44.2 66.2



#5
2-Fluorophenol
Concen: 107.758 ng
RT: 5.833 min Scan# 433
Delta R.T. 0.008 min
Lab File: BG056260.D
Acq: 11 Jan 2023 21:27

Tgt Ion:112 Resp: 243043
Ion Ratio Lower Upper
112 100
64 41.3 33.3 49.9
63 23.8 19.0 28.4

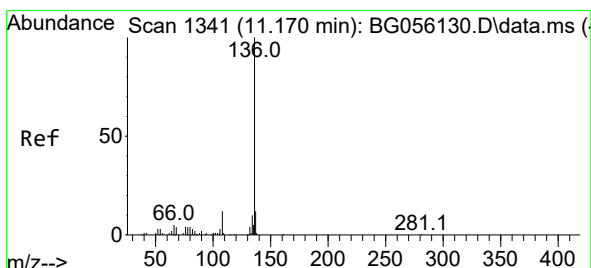
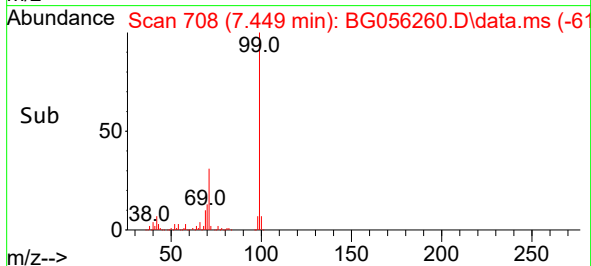
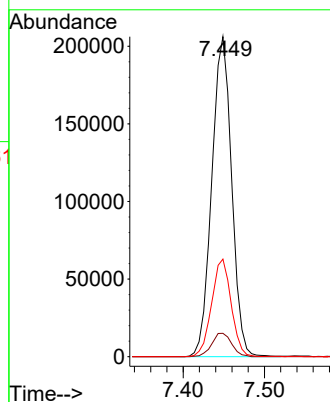
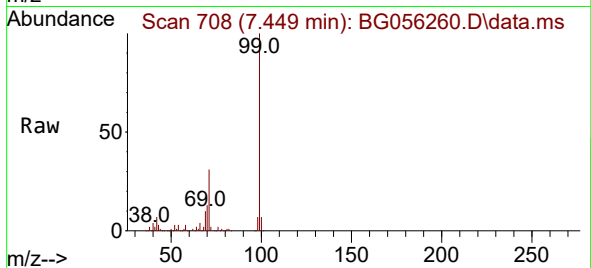




#7
Phenol-d6
Concen: 101.035 ng
RT: 7.449 min Scan# 711
Delta R.T. 0.002 min
Lab File: BG056260.D
Acq: 11 Jan 2023 21:27

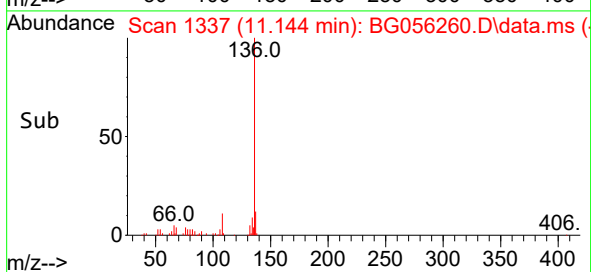
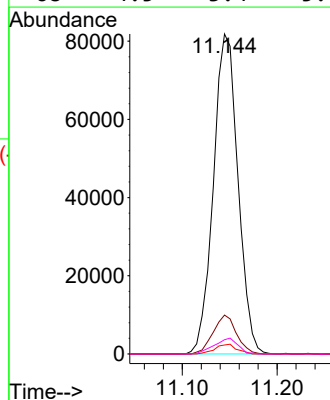
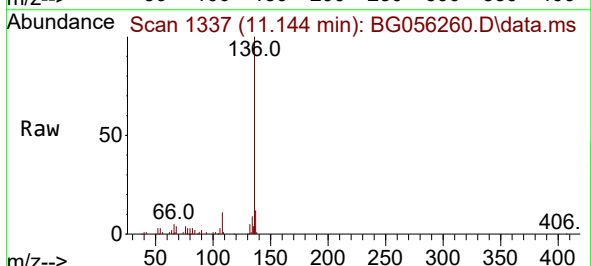
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BNA_G
ClientSampleId :
S4-01

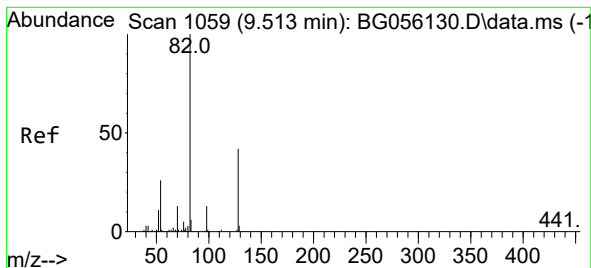
Tgt Ion: 99 Resp: 349957
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 30.5 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.144 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG056260.D
Acq: 11 Jan 2023 21:27

Tgt Ion: 136 Resp: 147377
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.0
54 2.8 2.2 3.2
68 4.5 3.4 5.0





#23

Nitrobenzene-d5

Concen: 63.813 ng

RT: 9.488 min Scan# 1055

Delta R.T. -0.004 min

Lab File: BG056260.D

Acq: 11 Jan 2023 21:27

Instrument :

BNA_G

ClientSampleId :

S4-01

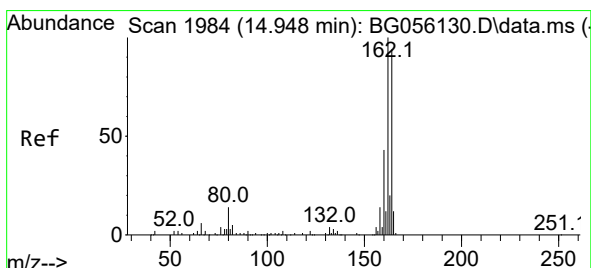
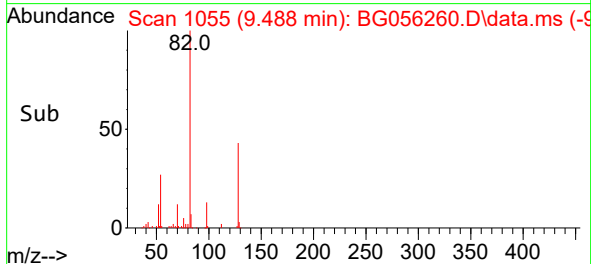
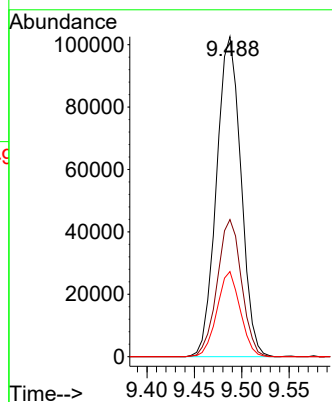
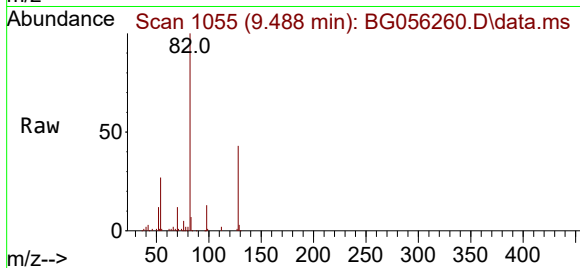
Tgt Ion: 82 Resp: 183858

Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.2

54 26.6 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.928 min Scan# 1981

Delta R.T. 0.002 min

Lab File: BG056260.D

Acq: 11 Jan 2023 21:27

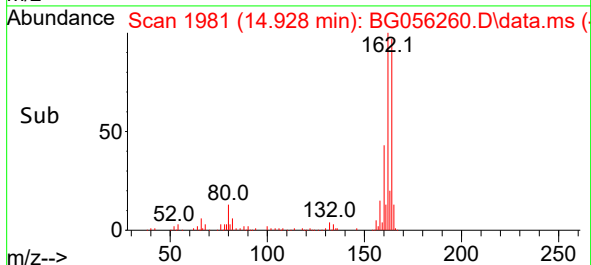
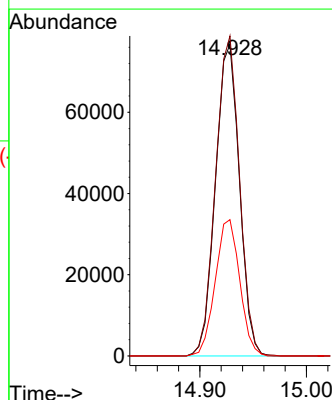
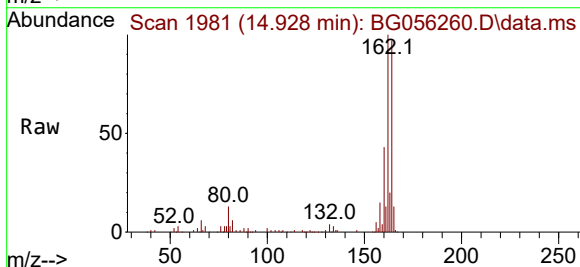
Tgt Ion:164 Resp: 119449

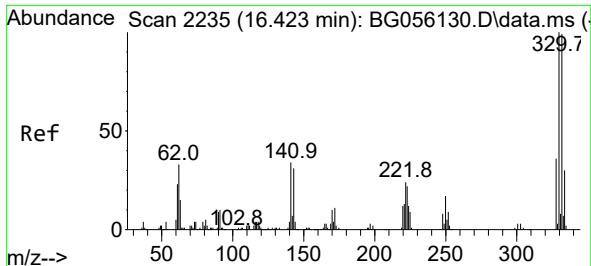
Ion Ratio Lower Upper

164 100

162 102.6 84.7 127.1

160 43.7 36.3 54.5

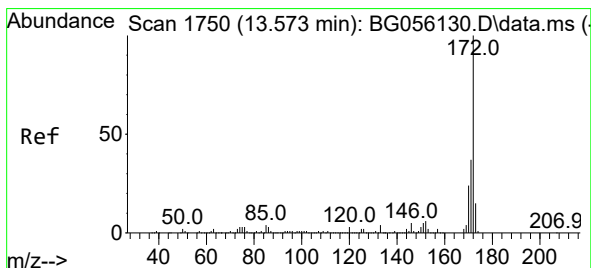
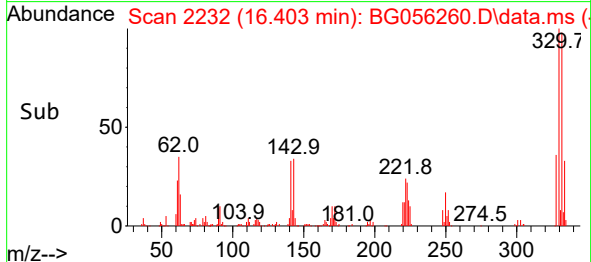
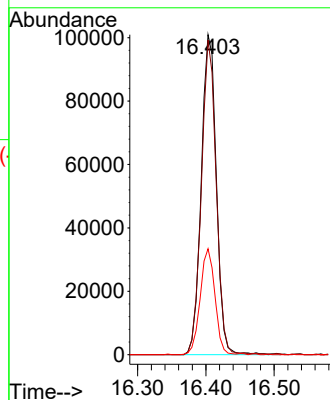
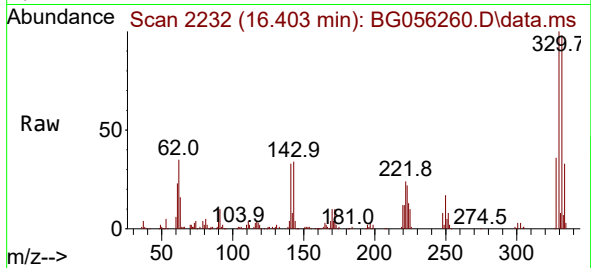




#42
 2,4,6-Tribromophenol
 Concen: 102.615 ng
 RT: 16.403 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056260.D
 Acq: 11 Jan 2023 21:27

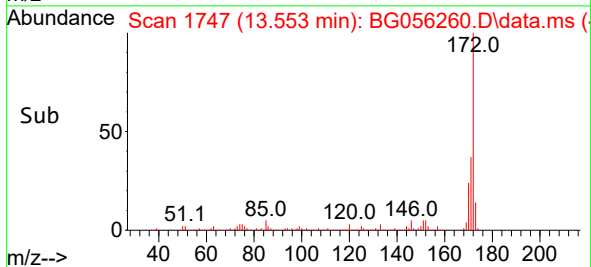
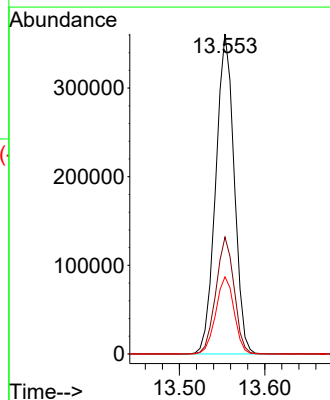
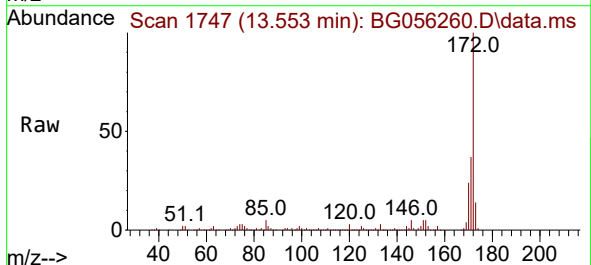
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 ClientSampleId :
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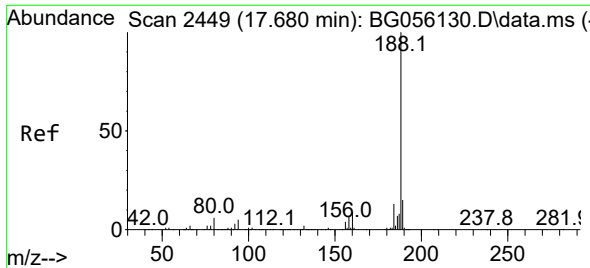
Tgt Ion:330 Resp: 155236
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 32.3 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 62.724 ng
 RT: 13.553 min Scan# 1747
 Delta R.T. -0.004 min
 Lab File: BG056260.D
 Acq: 11 Jan 2023 21:27

Tgt Ion:172 Resp: 542569
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.1 19.4 29.2

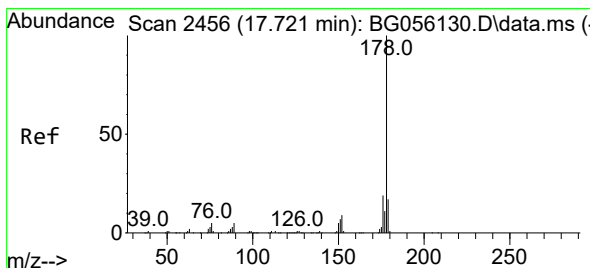
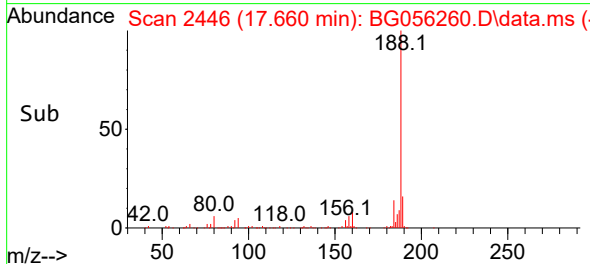
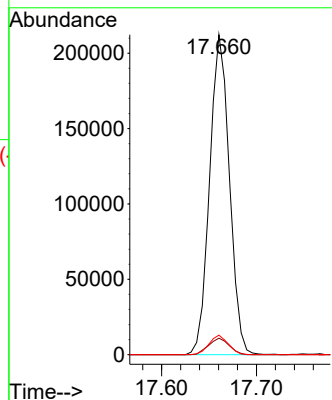
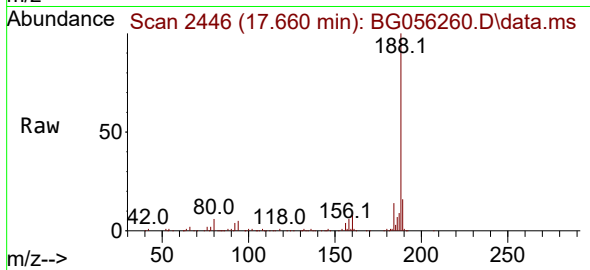




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.660 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BG056260.D
Acq: 11 Jan 2023 21:27

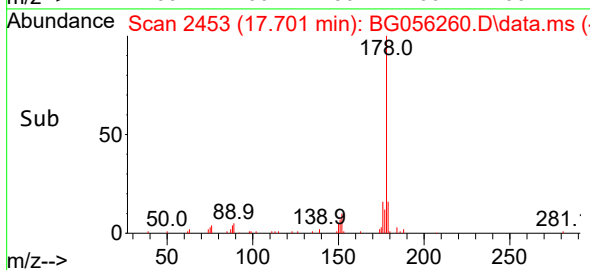
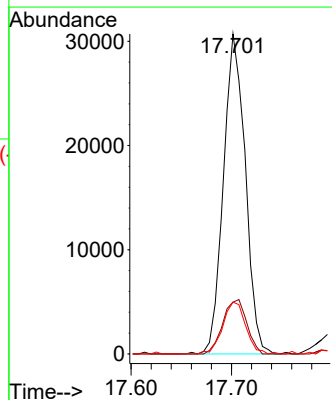
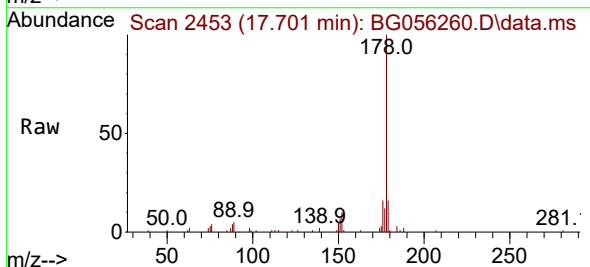
Instrument :
BNA_G
ClientSampleId :
S4-01

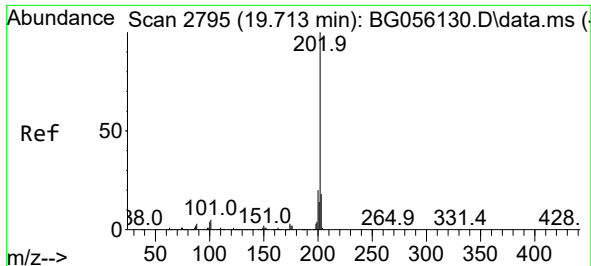
Tgt Ion:188 Resp: 307781
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 6.1 5.0 7.4



#71
Phenanthrene
Concen: 2.913 ng
RT: 17.701 min Scan# 2453
Delta R.T. -0.010 min
Lab File: BG056260.D
Acq: 11 Jan 2023 21:27

Tgt Ion:178 Resp: 46458
Ion Ratio Lower Upper
178 100
176 16.2 15.4 23.0
179 16.2 13.6 20.4

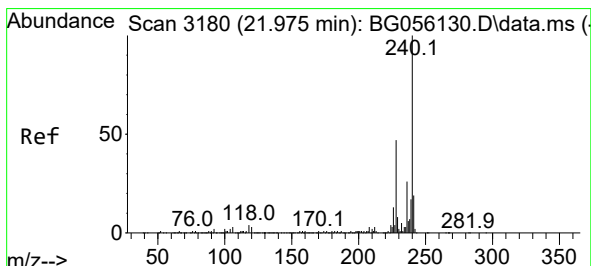
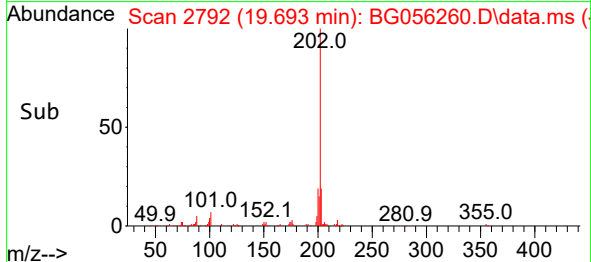
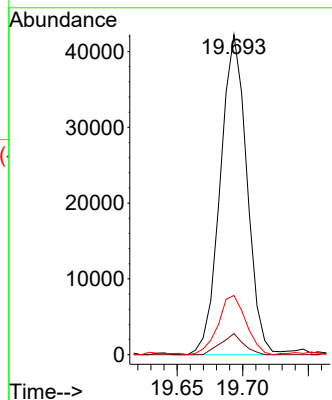
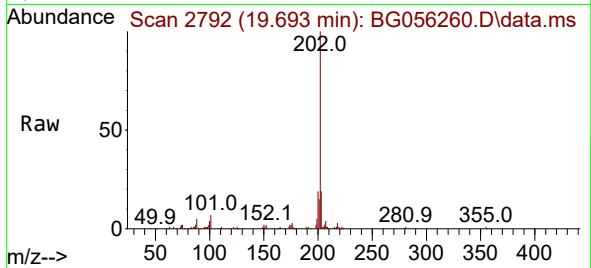




#75
Fluoranthene
Concen: 2.858 ng
RT: 19.693 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056260.D
Acq: 11 Jan 2023 21:27

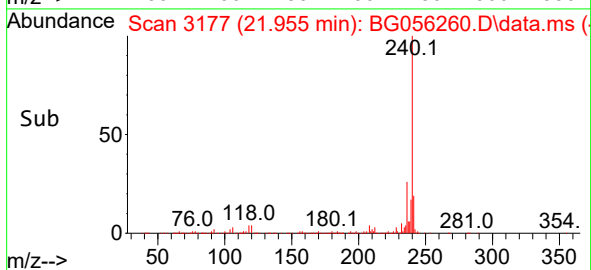
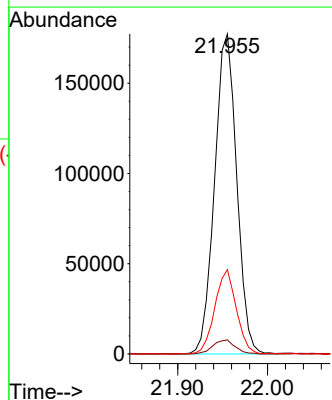
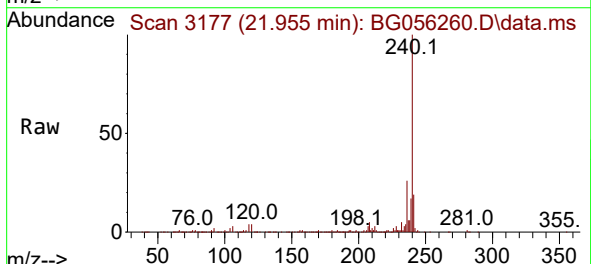
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ClientSampleId :
S4-01

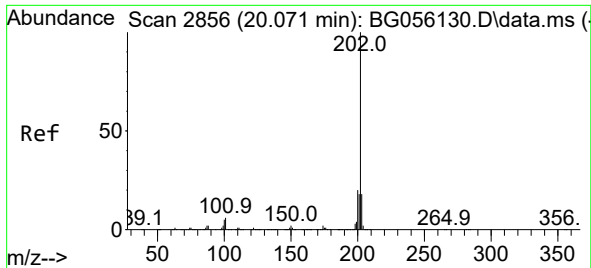
Tgt Ion:202 Resp: 59460
Ion Ratio Lower Upper
202 100
101 6.6 0.0 25.0
203 18.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.955 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BG056260.D
Acq: 11 Jan 2023 21:27

Tgt Ion:240 Resp: 303098
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 26.3 20.8 31.2

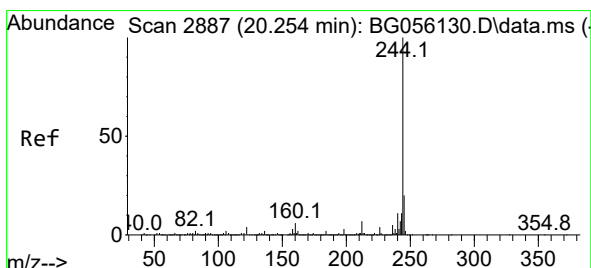
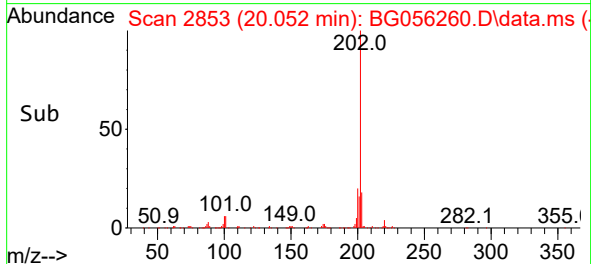
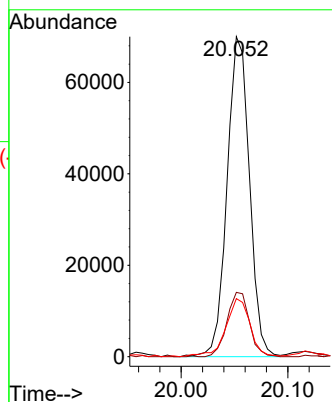
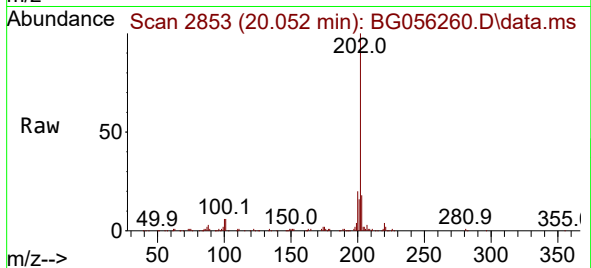




#78
 Pyrene
 Concen: 4.774 ng
 RT: 20.052 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056260.D
 Acq: 11 Jan 2023 21:27

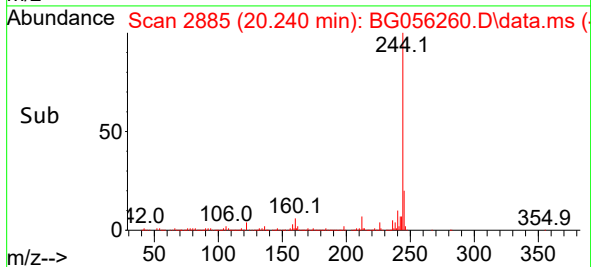
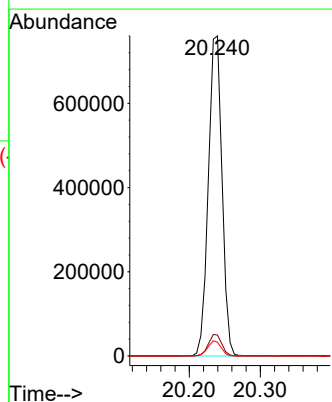
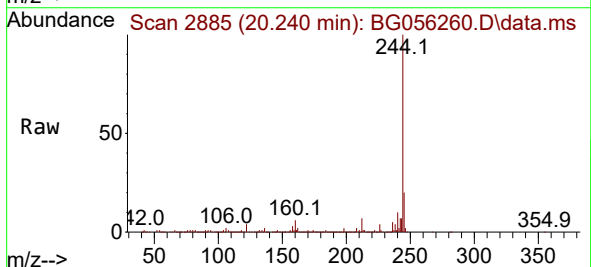
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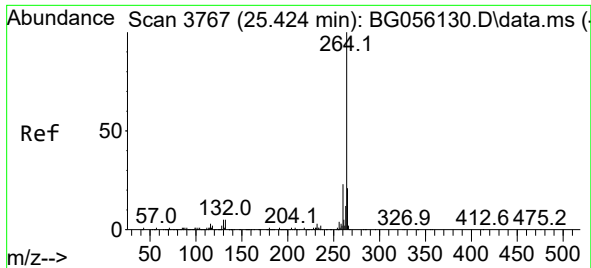
Tgt Ion:202 Resp: 101993
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.4 24.6
 203 18.2 14.3 21.5



#79
 Terphenyl-d14
 Concen: 60.223 ng
 RT: 20.240 min Scan# 2885
 Delta R.T. 0.002 min
 Lab File: BG056260.D
 Acq: 11 Jan 2023 21:27

Tgt Ion:244 Resp: 1019150
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 4.3 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.392 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG056260.D
Acq: 11 Jan 2023 21:27

Instrument :
BNA_G
ClientSampleId :
S4-01

Tgt Ion:264 Resp: 334224

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	22.5	16.7	25.1

