

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056968.D
 Acq On : 4 Apr 2023 16:42
 Operator : CG/JU
 Sample : PB151693BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151693BL

Quant Time: Apr 05 04:08:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	14426	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	59146	20.000	ng	# 0.00
39) Acenaphthene-d10	15.029	164	47980	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	128721	20.000	ng	# 0.00
76) Chrysene-d12	22.090	240	130129	20.000	ng	0.00
86) Perylene-d12	25.632	264	135101	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	133578	148.194	ng	0.00
7) Phenol-d6	7.545	99	188942	140.153	ng	0.00
23) Nitrobenzene-d5	9.595	82	123191	85.224	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	106954	139.536	ng	0.00
45) 2-Fluorobiphenyl	13.660	172	301040	85.080	ng	0.00
79) Terphenyl-d14	20.339	244	692581	90.061	ng	0.00

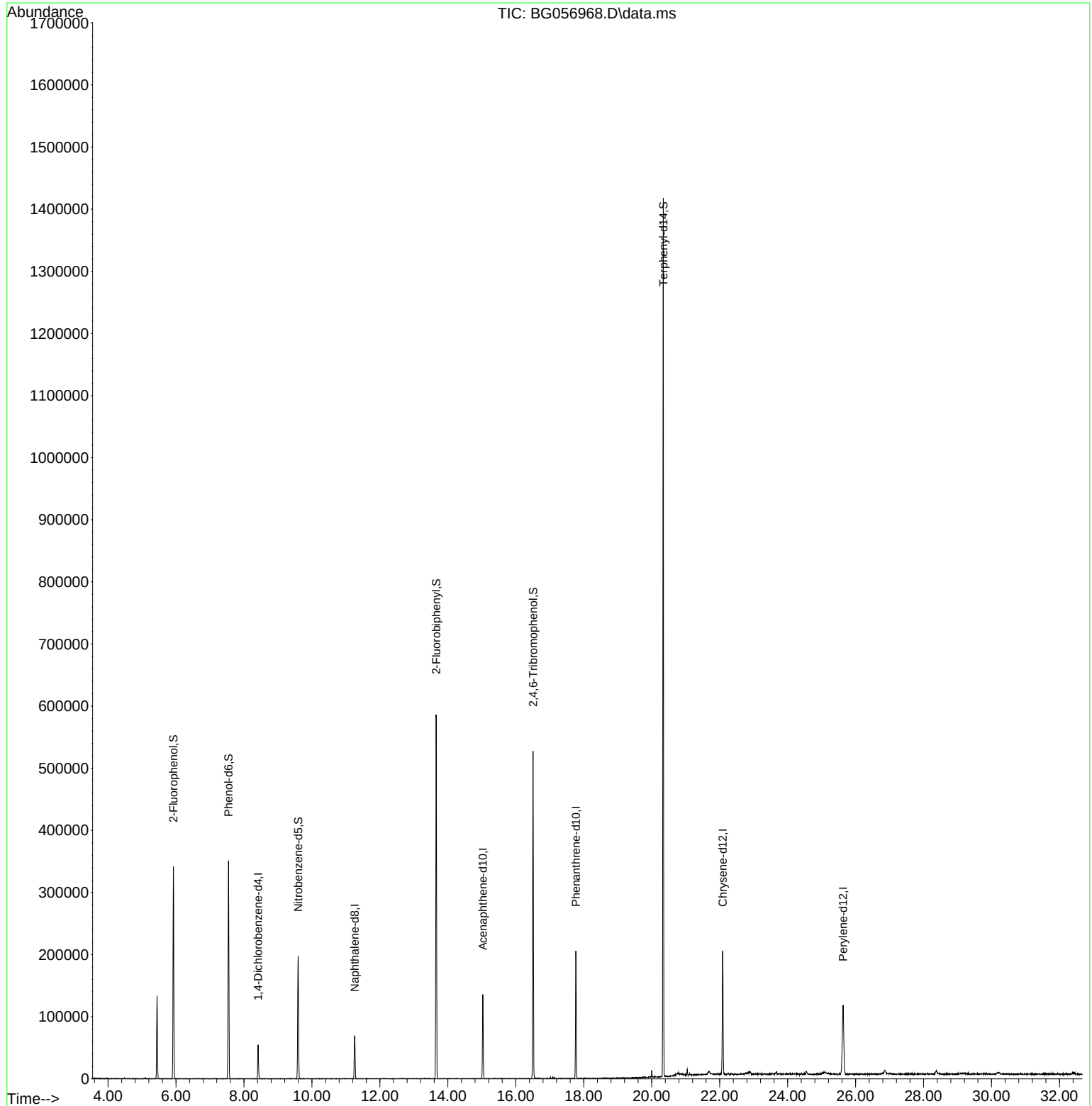
Target Compounds	Qvalue

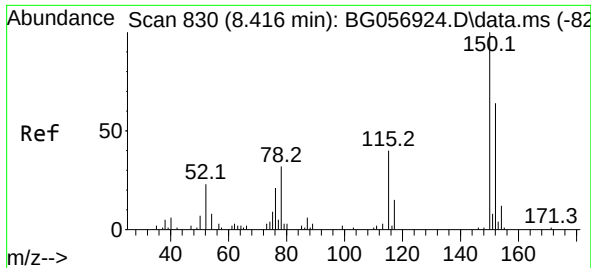
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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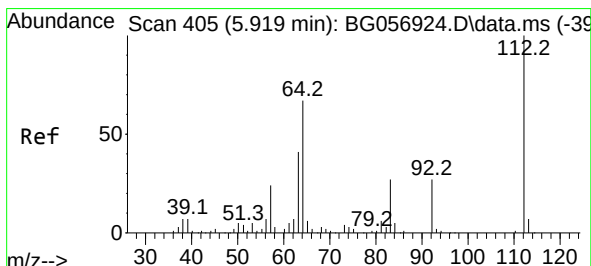
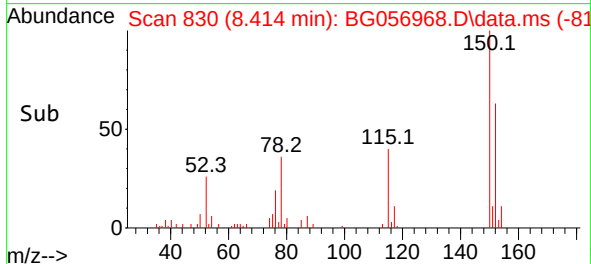
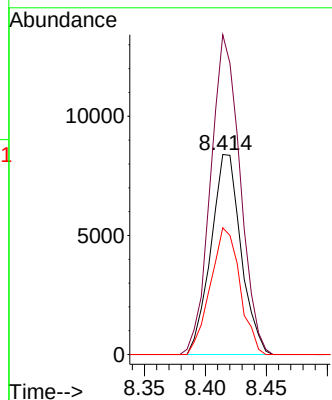
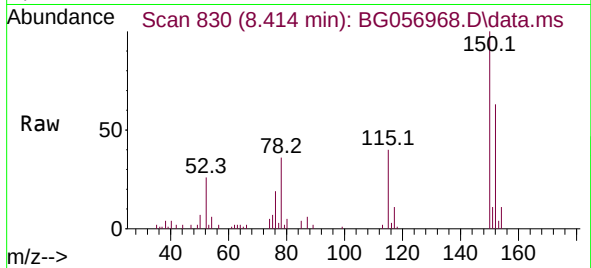




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.414 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

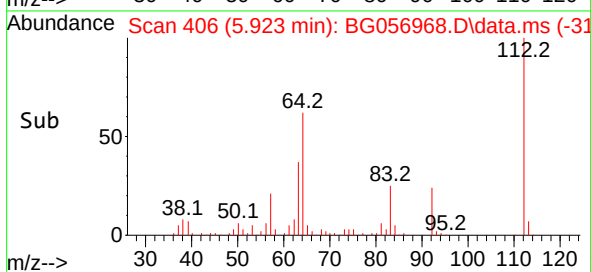
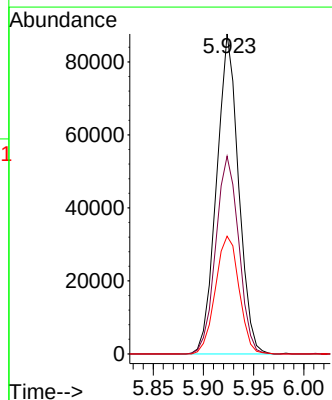
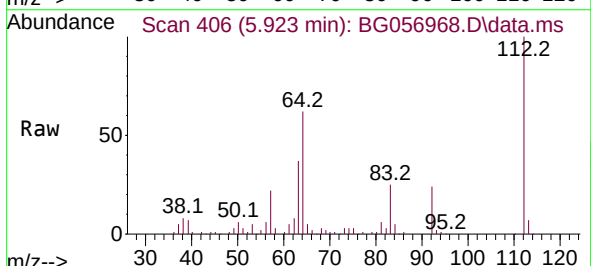
Instrument :
BNA_G
ClientSampleId :
PB151693BL

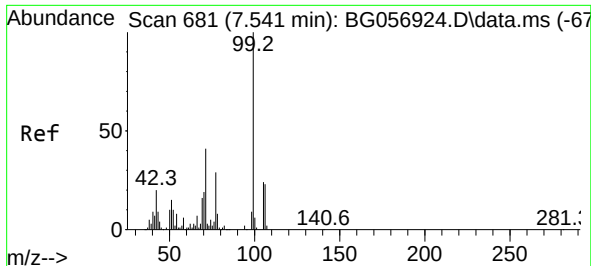
Tgt Ion:152 Resp: 14426
Ion Ratio Lower Upper
152 100
150 159.9 124.1 186.1
115 63.4 49.1 73.7



#5
2-Fluorophenol
Concen: 148.194 ng
RT: 5.923 min Scan# 406
Delta R.T. 0.004 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

Tgt Ion:112 Resp: 133578
Ion Ratio Lower Upper
112 100
64 61.8 53.2 79.8
63 36.8 32.6 48.8

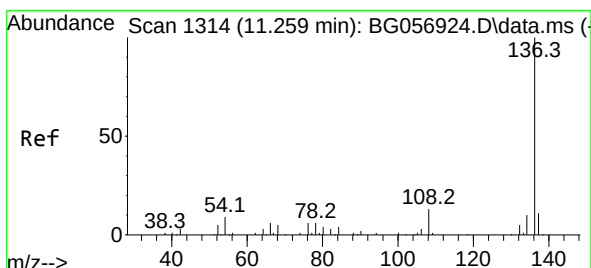
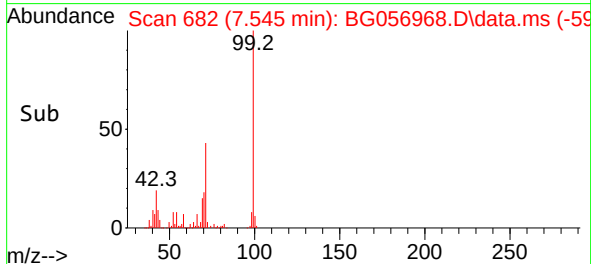
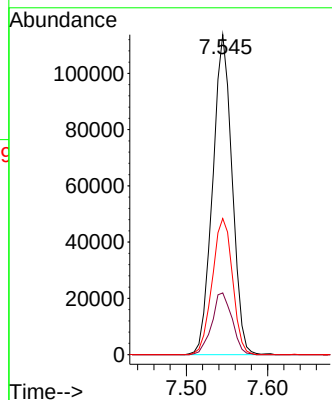
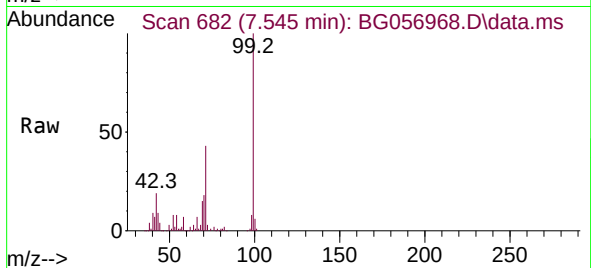




#7
Phenol-d6
Concen: 140.153 ng
RT: 7.545 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

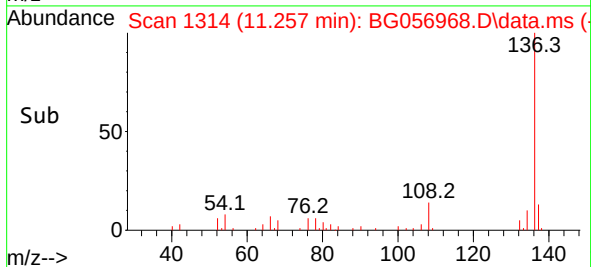
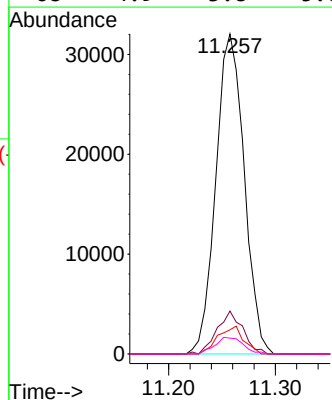
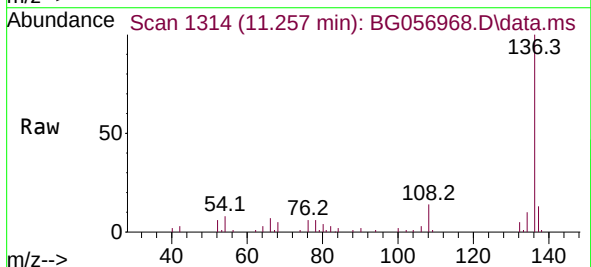
Instrument :
BNA_G
ClientSampleId :
PB151693BL

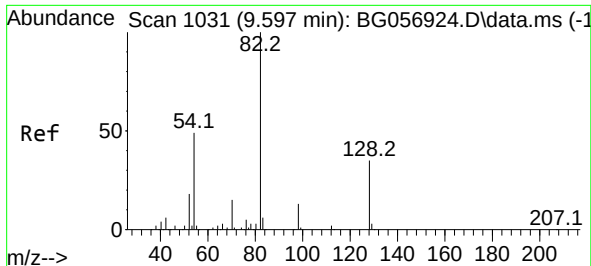
Tgt Ion: 99 Resp: 188942
Ion Ratio Lower Upper
99 100
42 19.3 15.7 23.5
71 42.5 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 1314
Delta R.T. -0.002 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

Tgt Ion: 136 Resp: 59146
Ion Ratio Lower Upper
136 100
137 13.4 8.6 13.0#
54 7.5 6.9 10.3
68 4.9 3.8 5.6





#23

Nitrobenzene-d5

Concen: 85.224 ng

RT: 9.595 min Scan# 1031

Delta R.T. -0.002 min

Lab File: BG056968.D

Acq: 4 Apr 2023 16:42

Instrument :

BNA_G

ClientSampleId :

PB151693BL

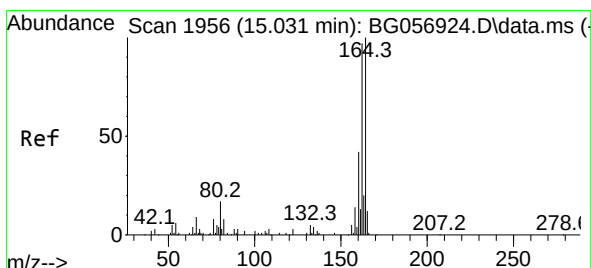
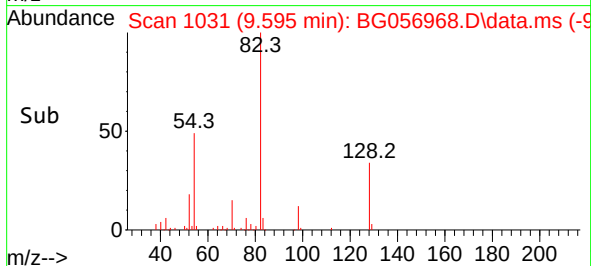
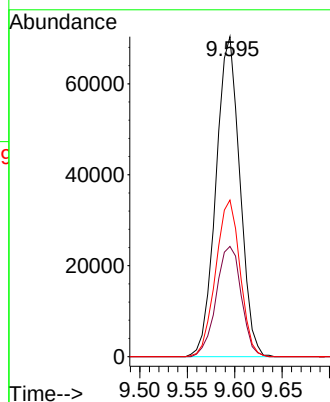
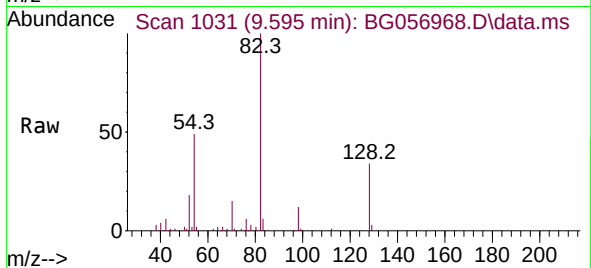
Tgt Ion: 82 Resp: 123191

Ion Ratio Lower Upper

82 100

128 34.4 27.9 41.9

54 48.9 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.029 min Scan# 1956

Delta R.T. -0.002 min

Lab File: BG056968.D

Acq: 4 Apr 2023 16:42

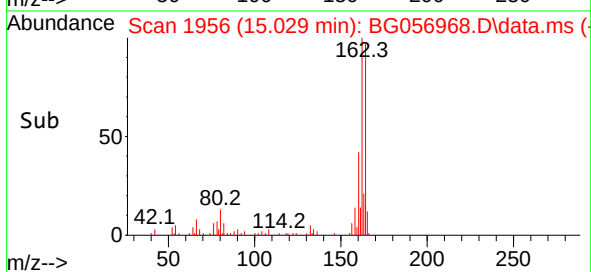
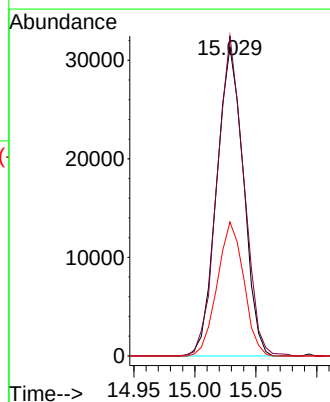
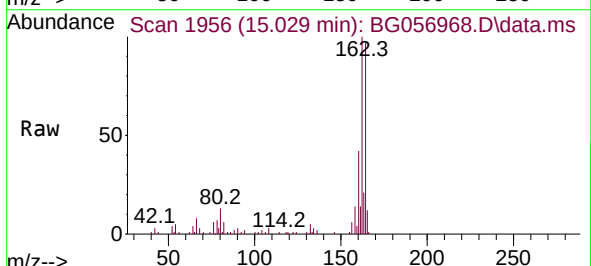
Tgt Ion: 164 Resp: 47980

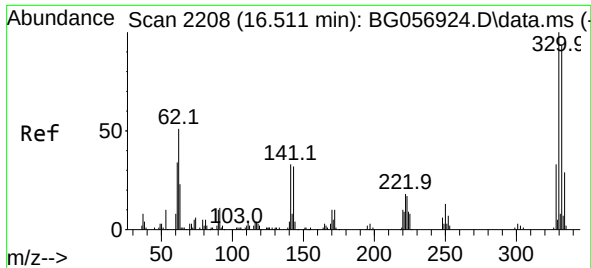
Ion Ratio Lower Upper

164 100

162 103.6 77.8 116.8

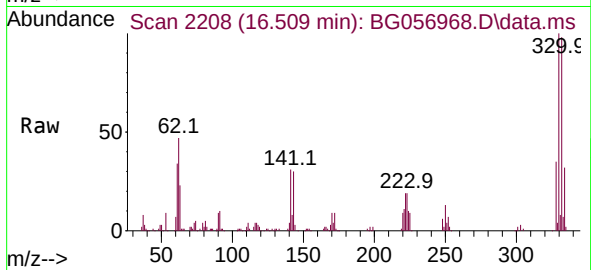
160 43.3 33.5 50.3



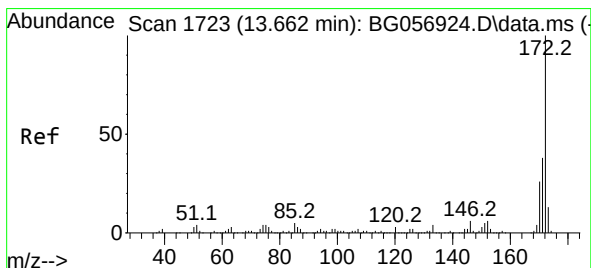
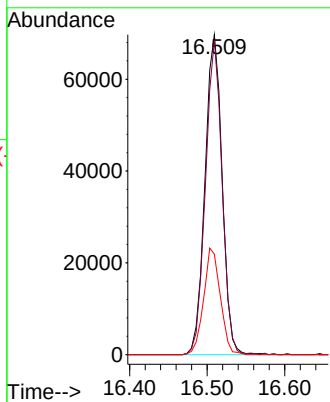
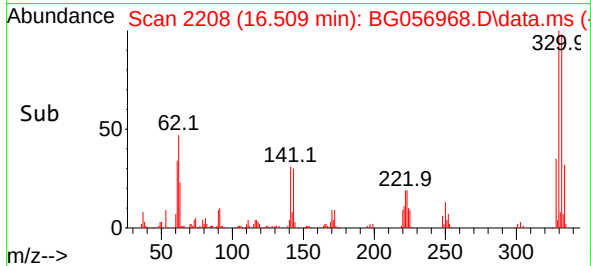


#42
2,4,6-Tribromophenol
Concen: 139.536 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

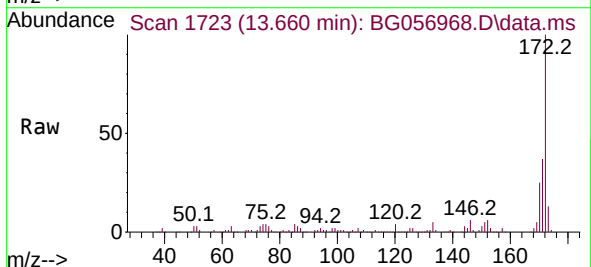
Instrument :
BNA_G
ClientSampleId :
PB151693BL



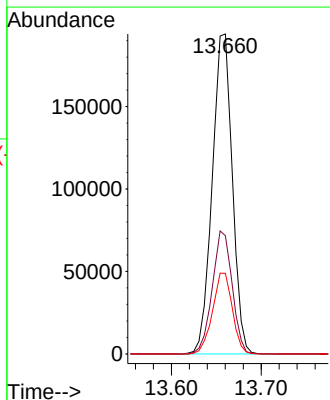
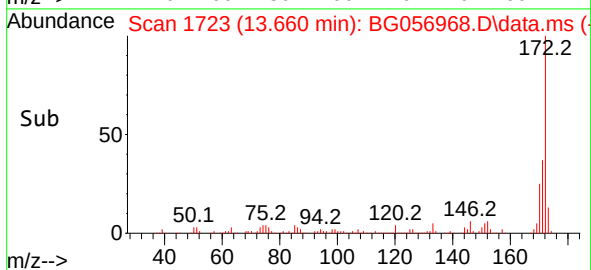
Tgt Ion:330 Resp: 106954
Ion Ratio Lower Upper
330 100
332 95.2 76.1 114.1
141 32.3 25.8 38.6

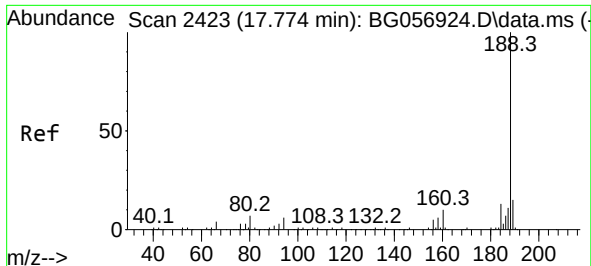


#45
2-Fluorobiphenyl
Concen: 85.080 ng
RT: 13.660 min Scan# 1723
Delta R.T. -0.002 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42



Tgt Ion:172 Resp: 301040
Ion Ratio Lower Upper
172 100
171 36.9 30.6 46.0
170 25.2 20.6 30.8

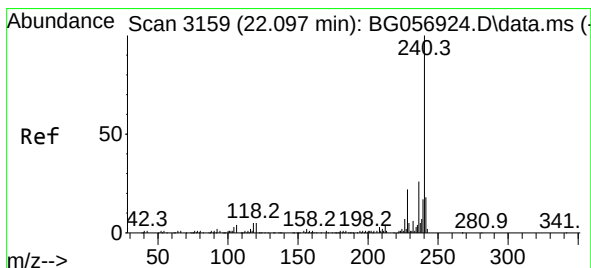
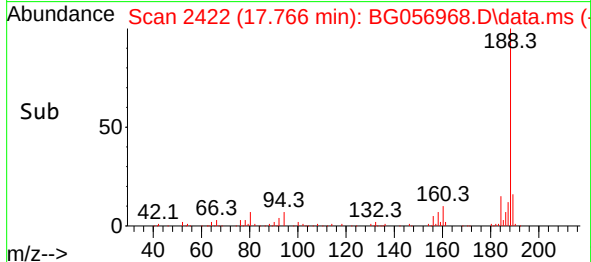
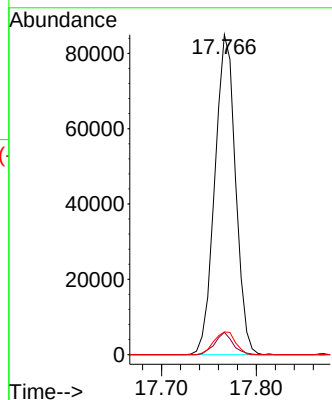
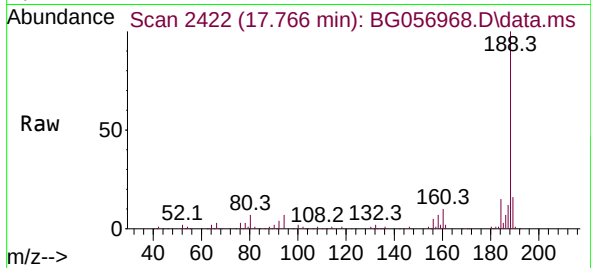




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.766 min Scan# 2422
Delta R.T. -0.008 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

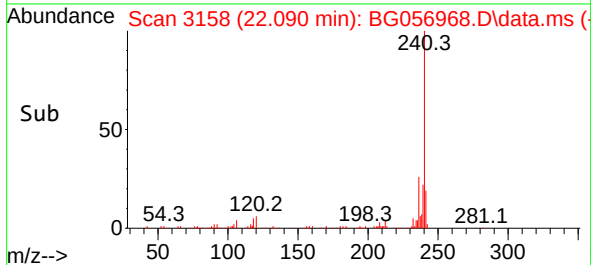
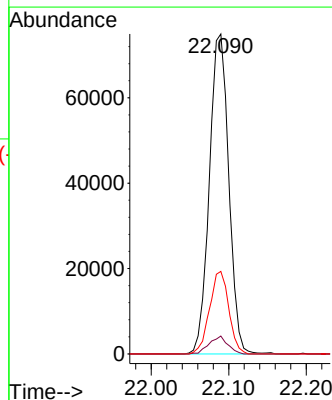
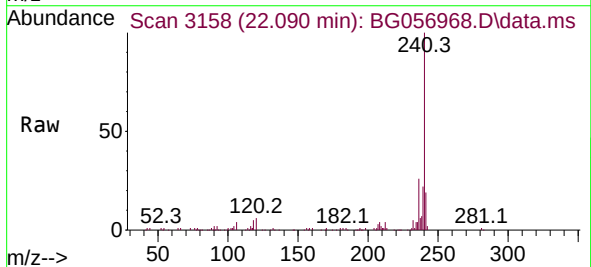
Instrument :
BNA_G
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PB151693BL

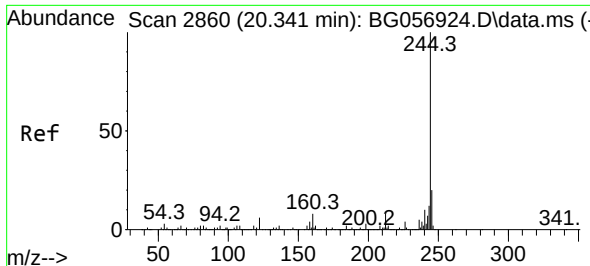
Tgt Ion:188 Resp: 128721
Ion Ratio Lower Upper
188 100
94 7.0 4.6 6.8#
80 7.1 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.090 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BG056968.D
Acq: 4 Apr 2023 16:42

Tgt Ion:240 Resp: 130129
Ion Ratio Lower Upper
240 100
120 5.6 3.8 5.6
236 25.8 21.0 31.6

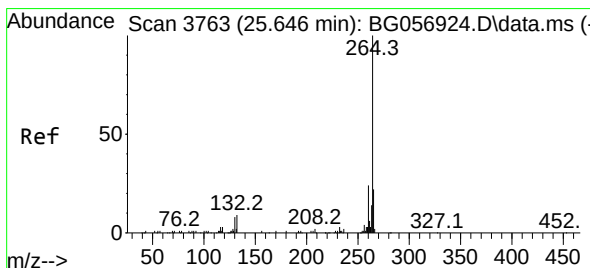
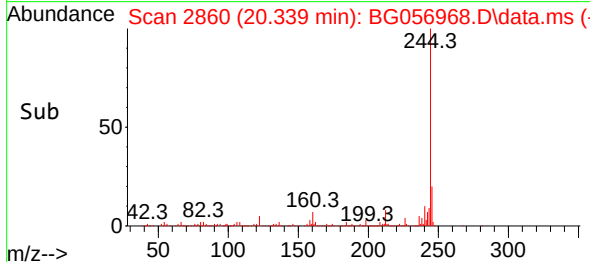
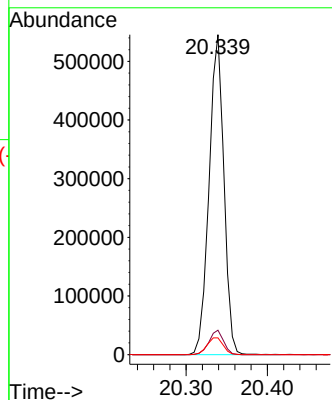
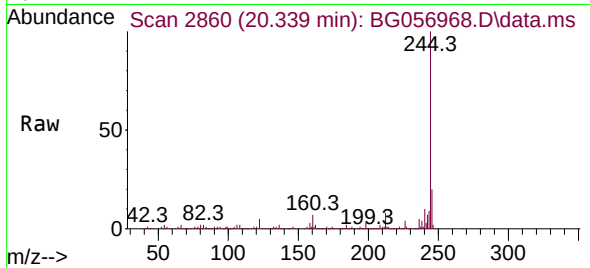




#79
 Terphenyl-d14
 Concen: 90.061 ng
 RT: 20.339 min Scan# 2860
 Delta R.T. -0.002 min
 Lab File: BG056968.D
 Acq: 4 Apr 2023 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PB151693BL

Tgt Ion:244 Resp: 692581
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 5.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.632 min Scan# 3761
 Delta R.T. -0.013 min
 Lab File: BG056968.D
 Acq: 4 Apr 2023 16:42

Tgt Ion:264 Resp: 135101
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.4
 265 21.8 17.8 26.6

