

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040323\
 Data File : BG056951.D
 Acq On : 3 Apr 2023 10:25
 Operator : CG/JU
 Sample : PB151373BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151373BL

Quant Time: Apr 04 04:52:44 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	8.409	152	14373	20.000	ng	0.00
21) Naphthalene-d8	11.252	136	61162	20.000	ng	0.00
39) Acenaphthene-d10	15.029	164	48341	20.000	ng	0.00
64) Phenanthrene-d10	17.767	188	125772	20.000	ng	0.00
76) Chrysene-d12	22.090	240	122554	20.000	ng	0.00
86) Perylene-d12	25.633	264	132160	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	138793	154.547	ng	0.00
7) Phenol-d6	7.540	99	197136	146.770	ng	0.00
23) Nitrobenzene-d5	9.590	82	126925	84.913	ng	0.00
42) 2,4,6-Tribromophenol	16.510	330	98539	127.598	ng	0.00
45) 2-Fluorobiphenyl	13.655	172	303242	85.062	ng	0.00
79) Terphenyl-d14	20.340	244	679546	93.828	ng	0.00

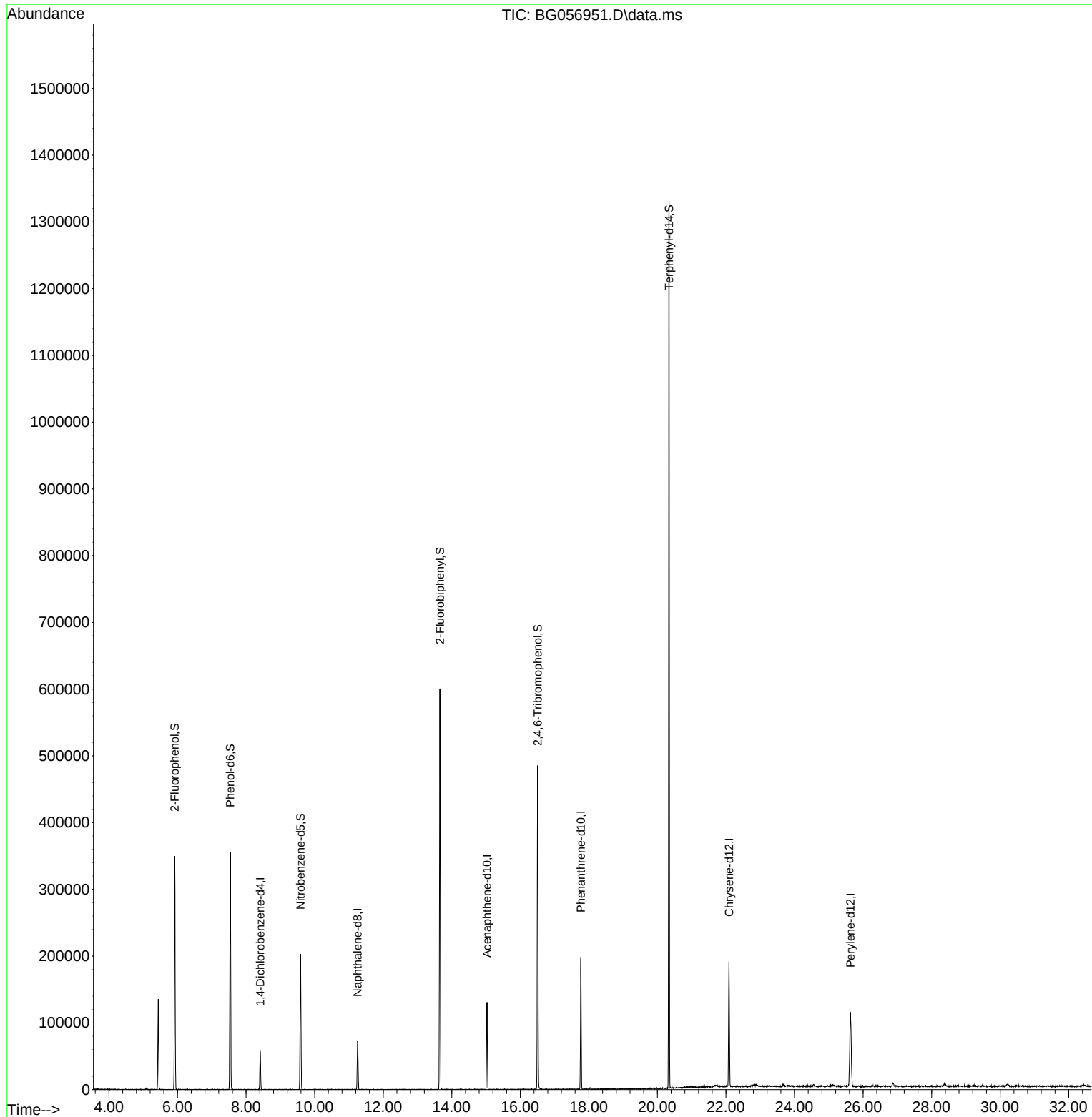
Target Compounds	Qvalue

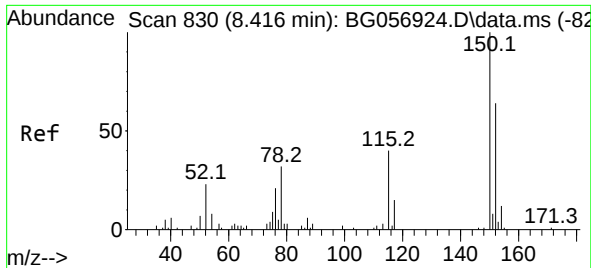
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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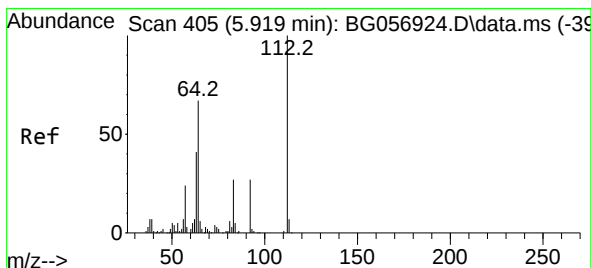
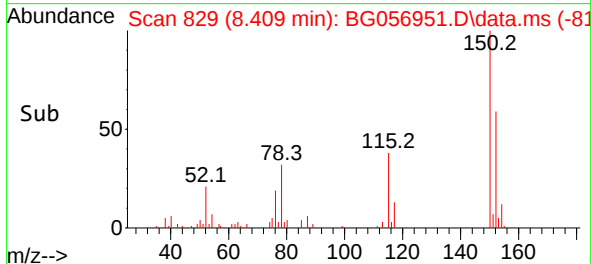
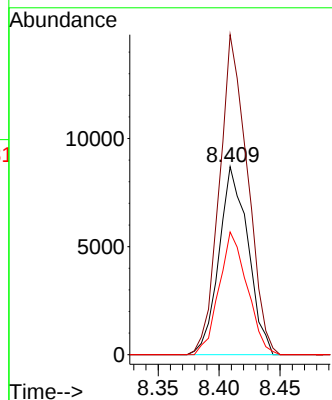
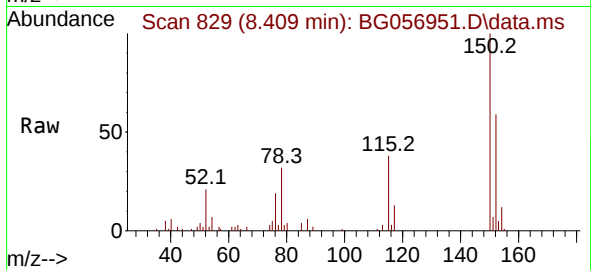




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.409 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG056951.D
Acq: 3 Apr 2023 10:25

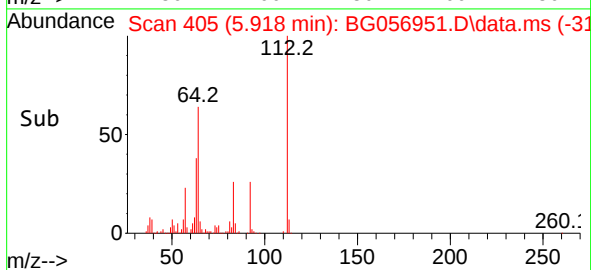
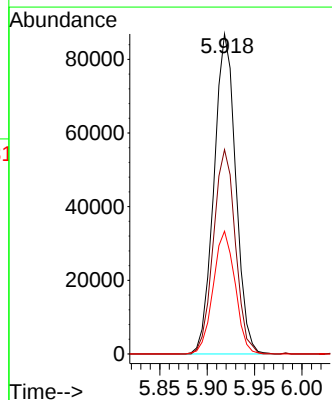
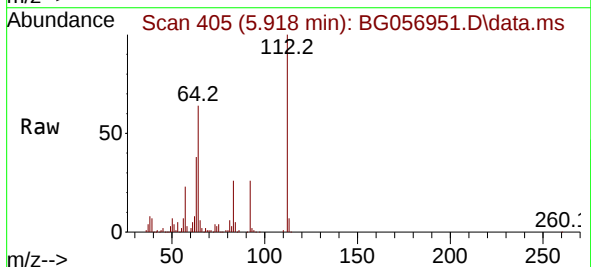
Instrument :
BNA_G
ClientSampleId :
PB151373BL

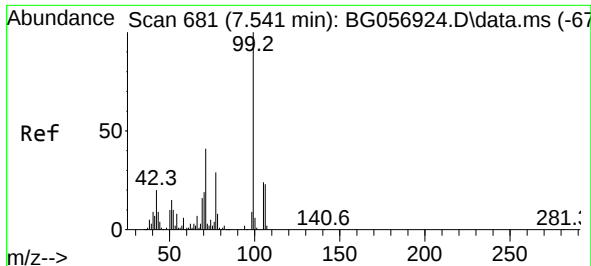
Tgt Ion:152 Resp: 14373
Ion Ratio Lower Upper
152 100
150 170.3 124.1 186.1
115 65.3 49.1 73.7



#5
2-Fluorophenol
Concen: 154.547 ng
RT: 5.918 min Scan# 405
Delta R.T. -0.001 min
Lab File: BG056951.D
Acq: 3 Apr 2023 10:25

Tgt Ion:112 Resp: 138793
Ion Ratio Lower Upper
112 100
64 63.9 53.2 79.8
63 38.4 32.6 48.8

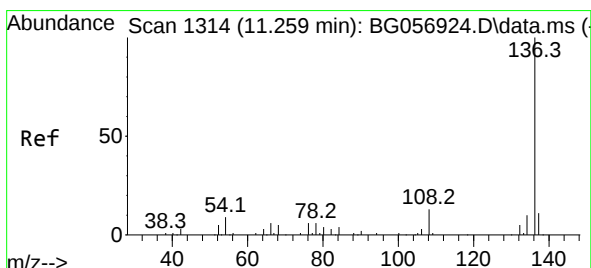
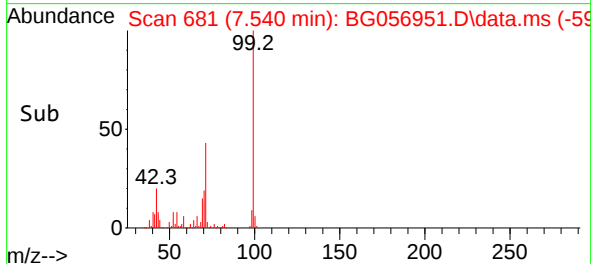
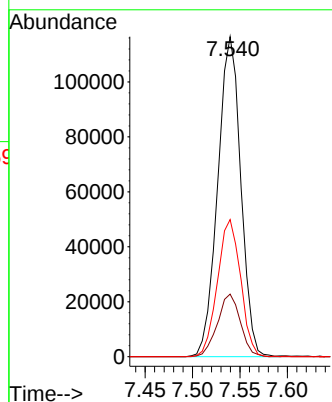
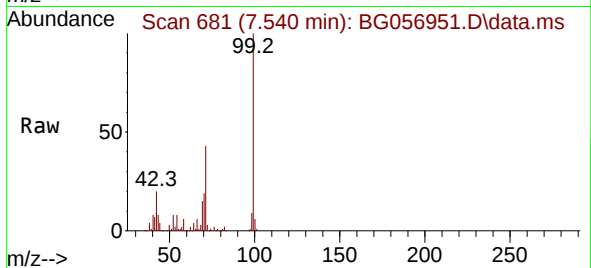




#7
Phenol-d6
Concen: 146.770 ng
RT: 7.540 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG056951.D
Acq: 3 Apr 2023 10:25

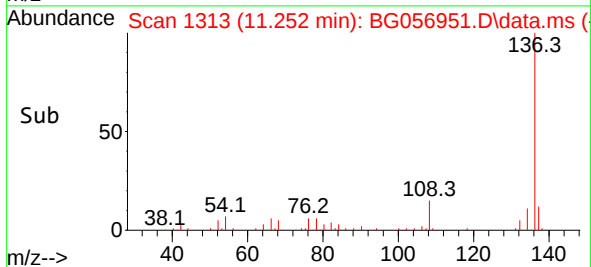
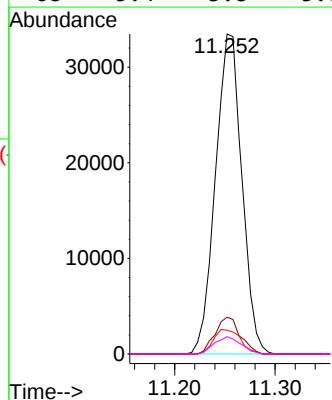
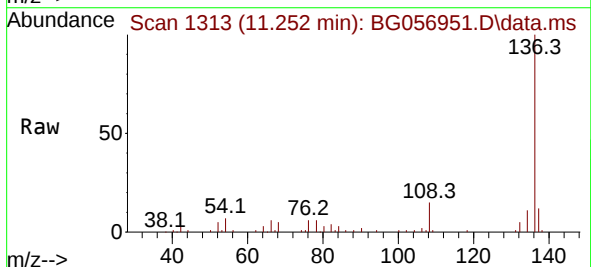
Instrument :
BNA_G
ClientSampleId :
PB151373BL

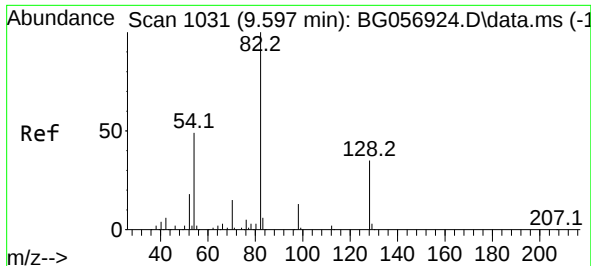
Tgt Ion: 99 Resp: 197136
Ion Ratio Lower Upper
99 100
42 19.5 15.7 23.5
71 42.9 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.252 min Scan# 1313
Delta R.T. -0.007 min
Lab File: BG056951.D
Acq: 3 Apr 2023 10:25

Tgt Ion:136 Resp: 61162
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 7.4 6.9 10.3
68 5.4 3.8 5.6

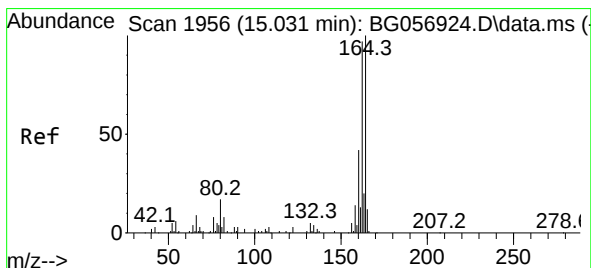
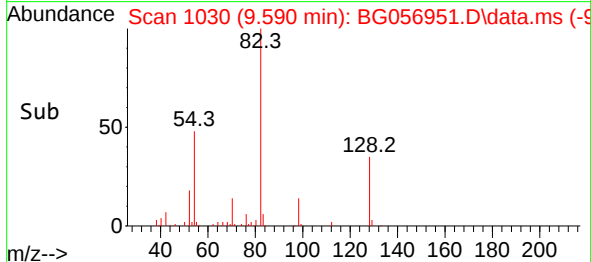
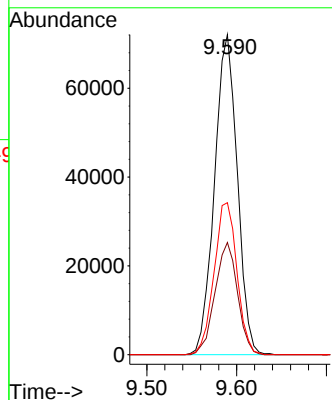
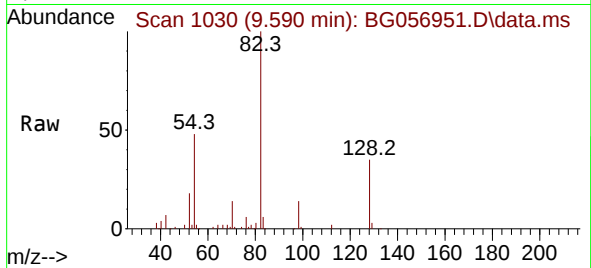




#23
Nitrobenzene-d5
Concen: 84.913 ng
RT: 9.590 min Scan# 1030
Delta R.T. -0.007 min
Lab File: BG056951.D
Acq: 3 Apr 2023 10:25

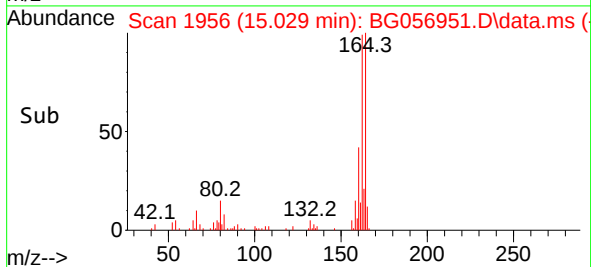
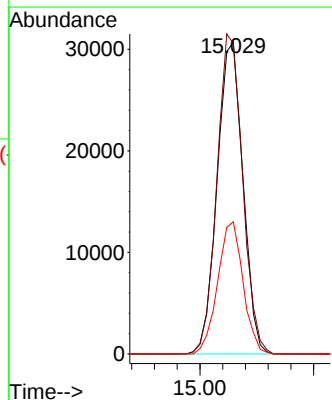
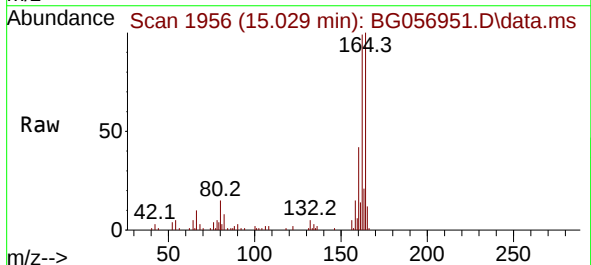
Instrument :
BNA_G
ClientSampleId :
PB151373BL

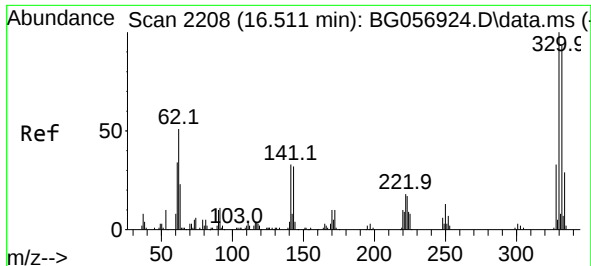
Tgt Ion: 82 Resp: 126925
Ion Ratio Lower Upper
82 100
128 35.1 27.9 41.9
54 47.5 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.029 min Scan# 1956
Delta R.T. -0.001 min
Lab File: BG056951.D
Acq: 3 Apr 2023 10:25

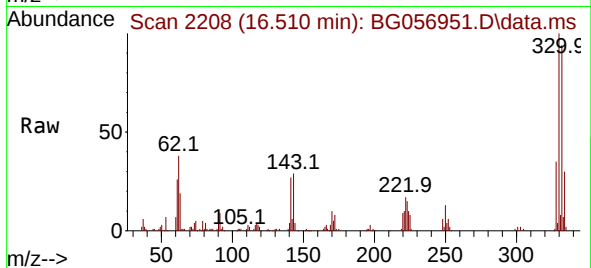
Tgt Ion: 164 Resp: 48341
Ion Ratio Lower Upper
164 100
162 99.5 77.8 116.8
160 42.3 33.5 50.3



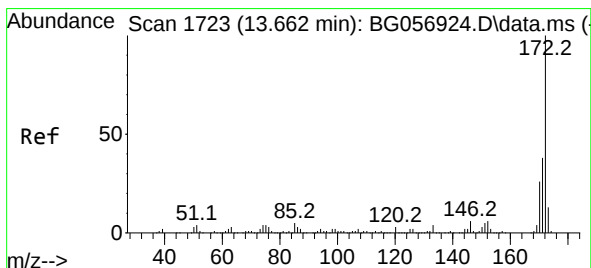
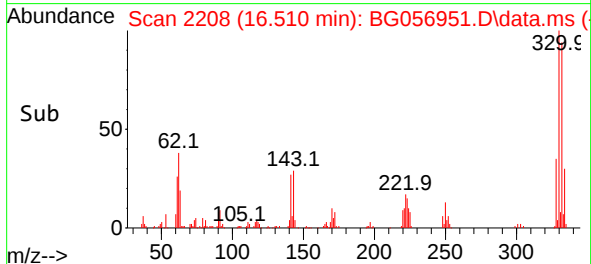
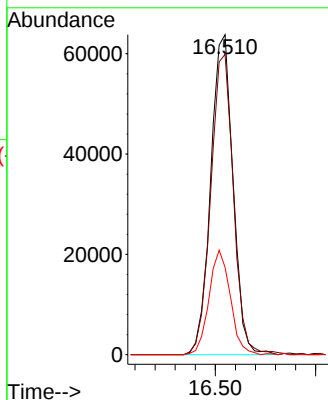


#42
2,4,6-Tribromophenol
Concen: 127.598 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056951.D
Acq: 3 Apr 2023 10:25

Instrument :
BNA_G
ClientSampleId :
PB151373BL

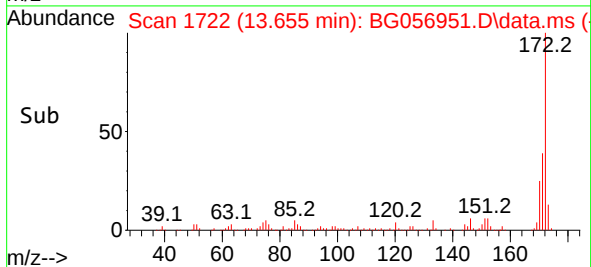
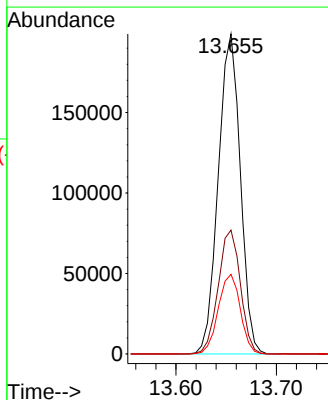
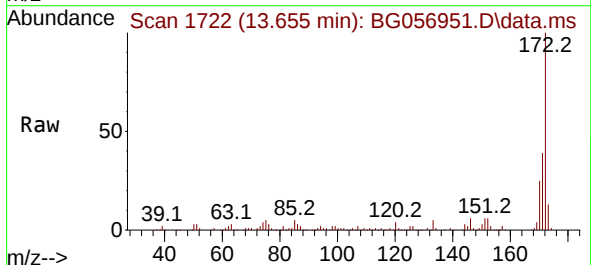


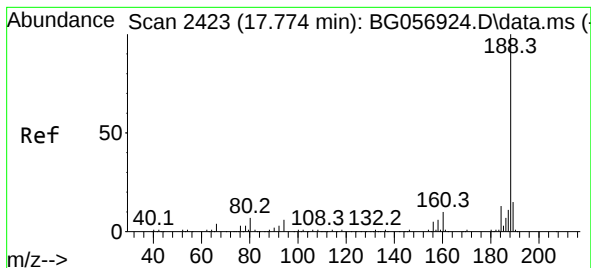
Tgt Ion:330 Resp: 98539
Ion Ratio Lower Upper
330 100
332 95.4 76.1 114.1
141 31.3 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 85.062 ng
RT: 13.655 min Scan# 1722
Delta R.T. -0.007 min
Lab File: BG056951.D
Acq: 3 Apr 2023 10:25

Tgt Ion:172 Resp: 303242
Ion Ratio Lower Upper
172 100
171 38.7 30.6 46.0
170 24.9 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.767 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG056951.D

Acq: 3 Apr 2023 10:25

Instrument :

BNA_G

ClientSampleId :

PB151373BL

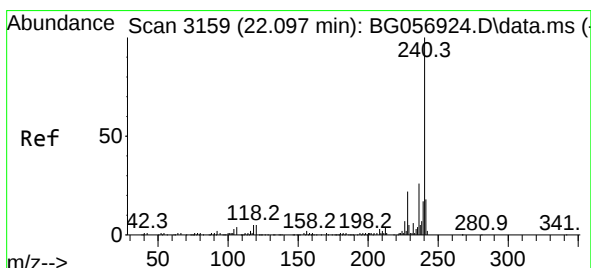
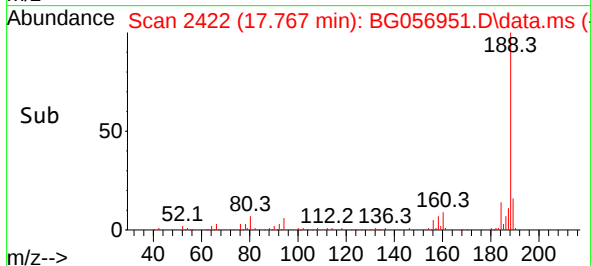
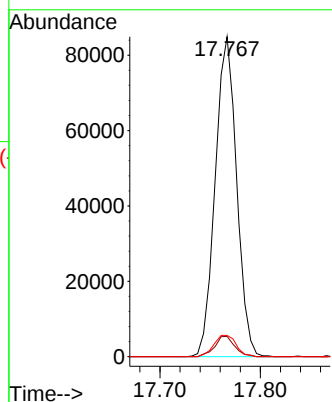
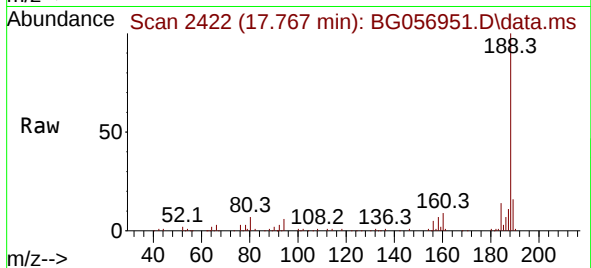
Tgt Ion:188 Resp: 125772

Ion Ratio Lower Upper

188 100

94 6.4 4.6 6.8

80 6.6 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.090 min Scan# 3158

Delta R.T. -0.007 min

Lab File: BG056951.D

Acq: 3 Apr 2023 10:25

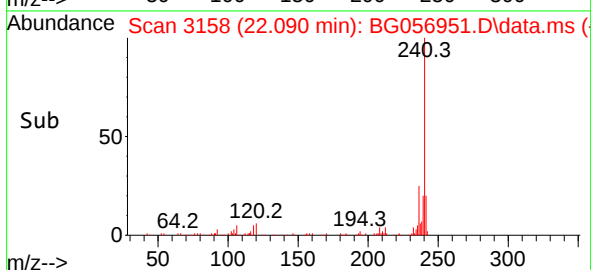
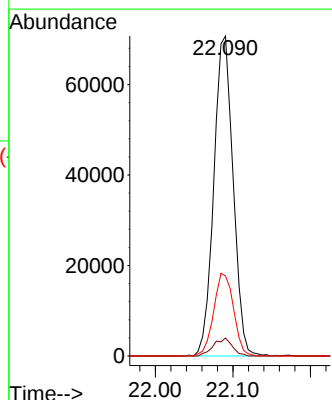
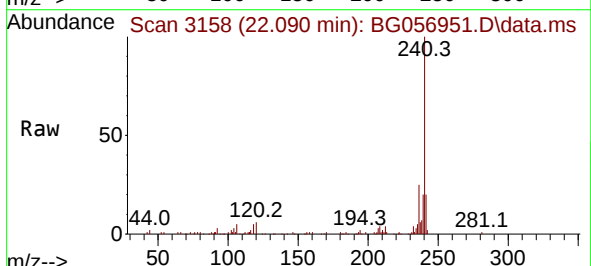
Tgt Ion:240 Resp: 122554

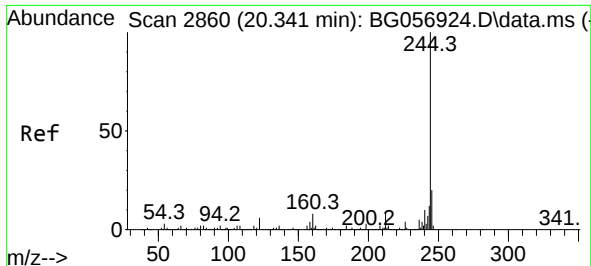
Ion Ratio Lower Upper

240 100

120 5.6 3.8 5.6

236 25.0 21.0 31.6

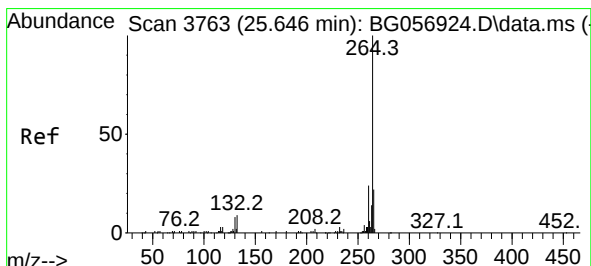
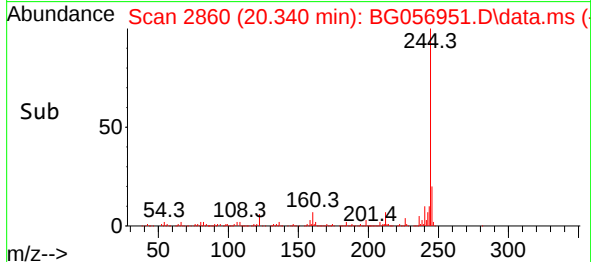
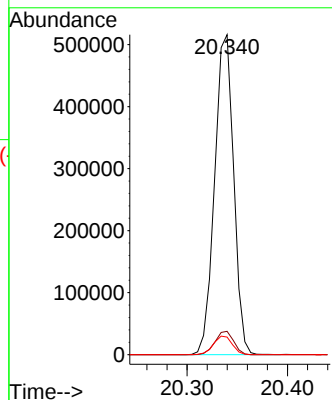
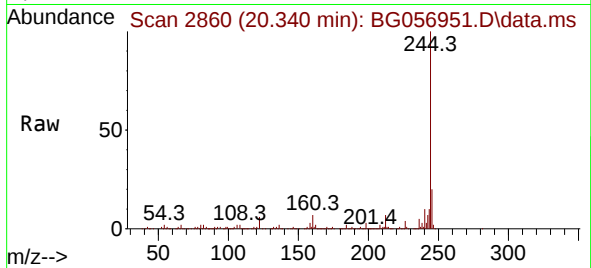




#79
 Terphenyl-d14
 Concen: 93.828 ng
 RT: 20.340 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056951.D
 Acq: 3 Apr 2023 10:25

Instrument :
 BNA_G
 ClientSampleId :
 PB151373BL

Tgt Ion:244 Resp: 679546
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.633 min Scan# 3761
 Delta R.T. -0.013 min
 Lab File: BG056951.D
 Acq: 3 Apr 2023 10:25

Tgt Ion:264 Resp: 132160
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 20.9 17.8 26.6

