

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056930.D
 Acq On : 30 Mar 2023 19:31
 Operator : CG/JU
 Sample : PB151743BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151743BL

Quant Time: Mar 31 04:04:38 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	16378	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	66890	20.000	ng	# 0.00
39) Acenaphthene-d10	15.028	164	52102	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	135729	20.000	ng	0.00
76) Chrysene-d12	22.089	240	142309	20.000	ng	0.00
86) Perylene-d12	25.637	264	153092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	160007	156.358	ng	0.00
7) Phenol-d6	7.538	99	231591	151.314	ng	0.00
23) Nitrobenzene-d5	9.588	82	145811	89.195	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	119131	143.127	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	351031	91.360	ng	0.00
79) Terphenyl-d14	20.339	244	809274	96.229	ng	0.00

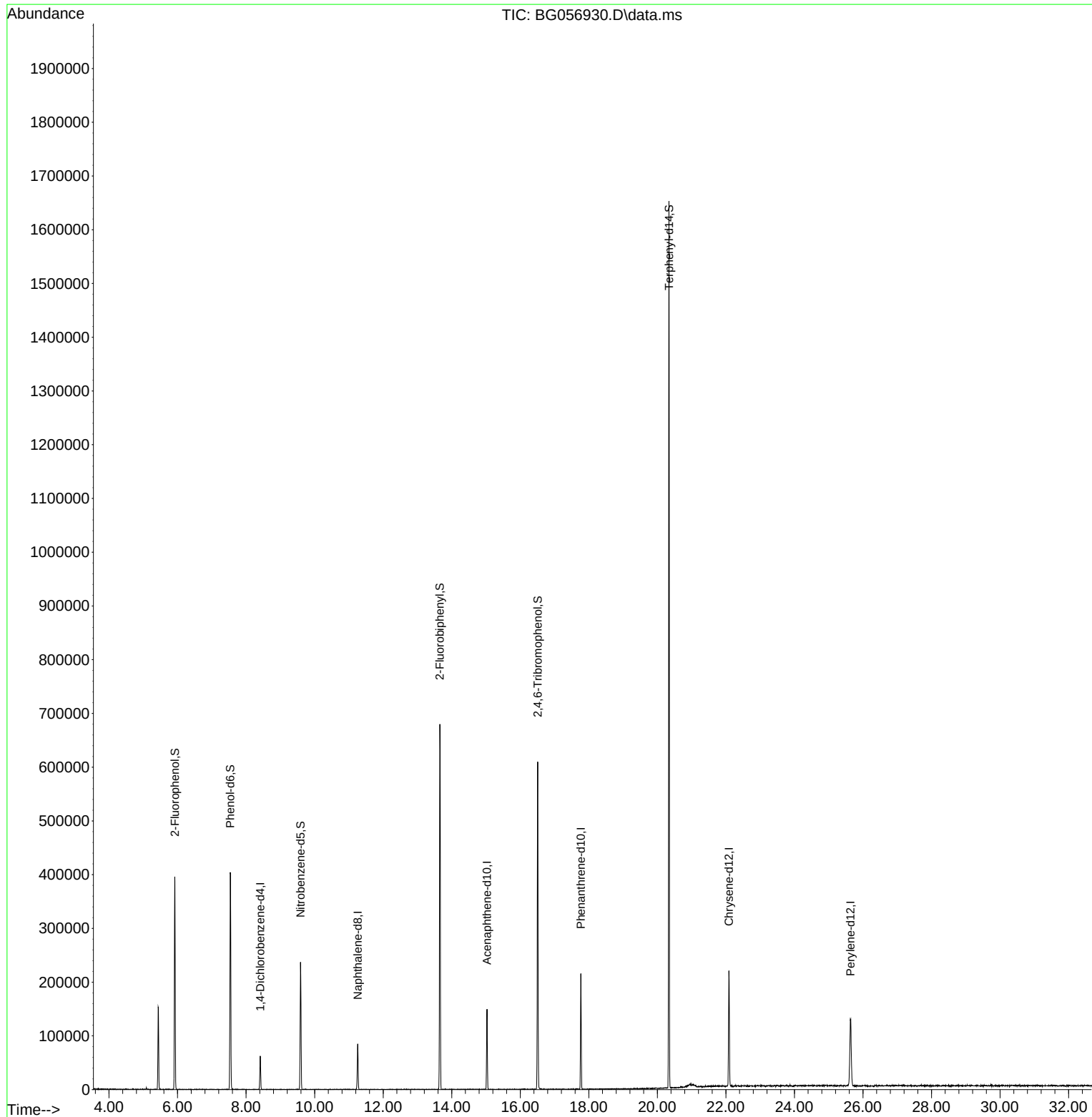
Target Compounds	Qvalue

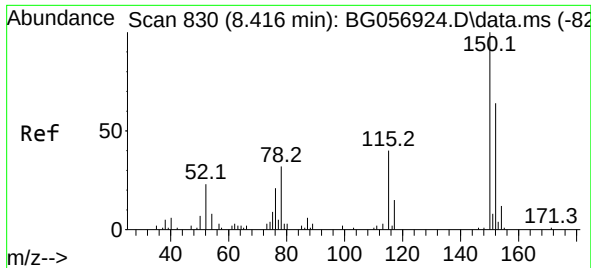
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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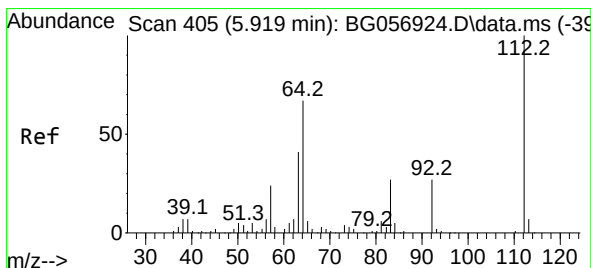
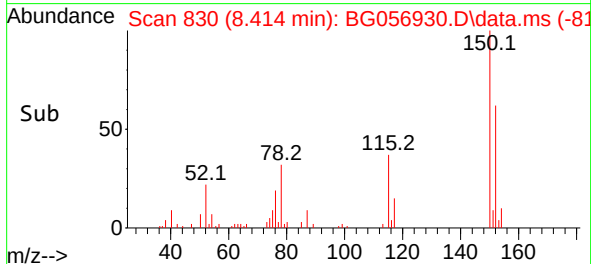
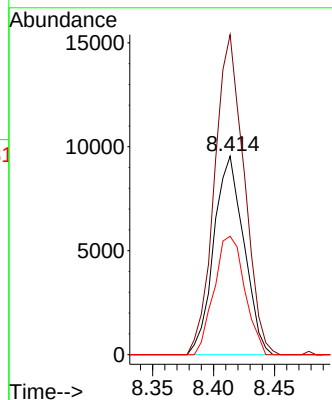
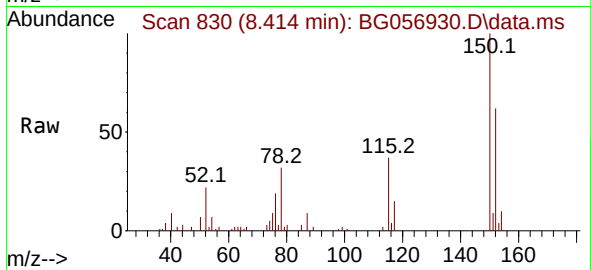




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.414 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

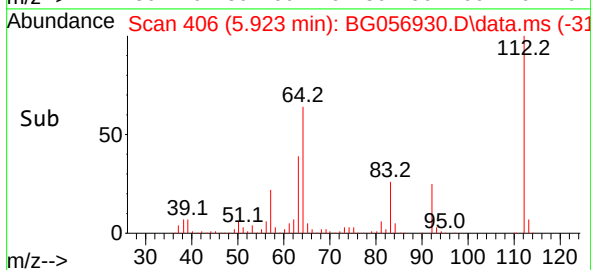
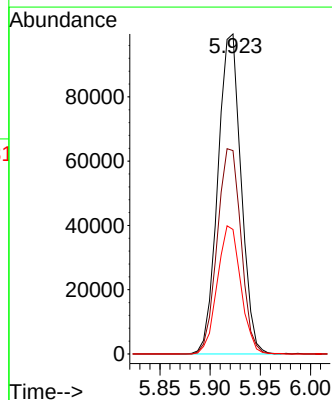
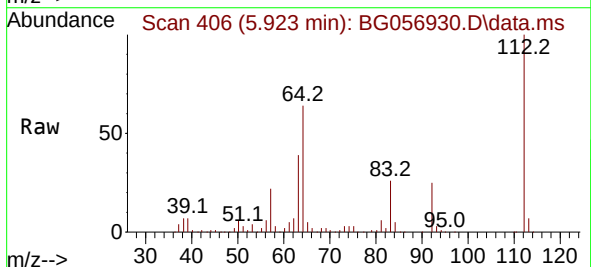
Instrument :
BNA_G
ClientSampleId :
PB151743BL

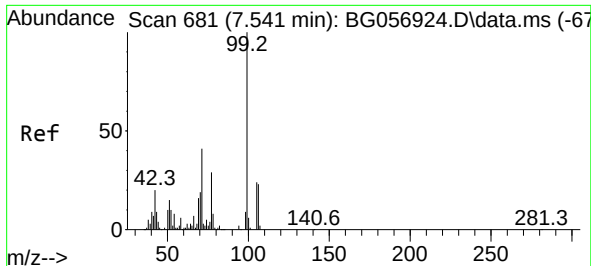
Tgt Ion:152 Resp: 16378
Ion Ratio Lower Upper
152 100
150 161.1 124.1 186.1
115 59.6 49.1 73.7



#5
2-Fluorophenol
Concen: 156.358 ng
RT: 5.923 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

Tgt Ion:112 Resp: 160007
Ion Ratio Lower Upper
112 100
64 63.6 53.2 79.8
63 38.9 32.6 48.8

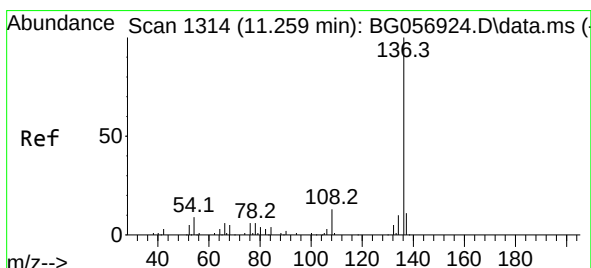
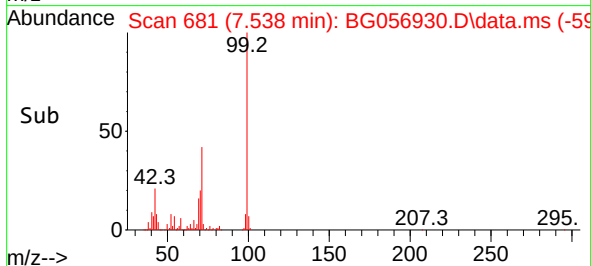
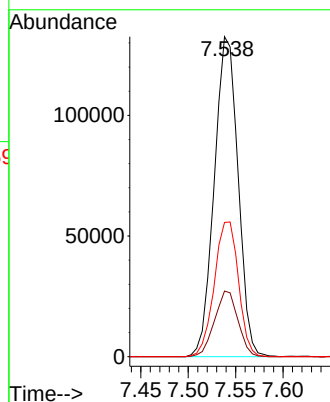
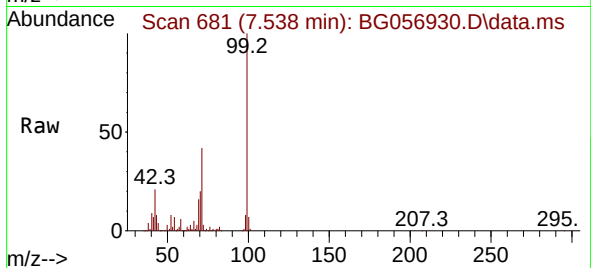




#7
Phenol-d6
Concen: 151.314 ng
RT: 7.538 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

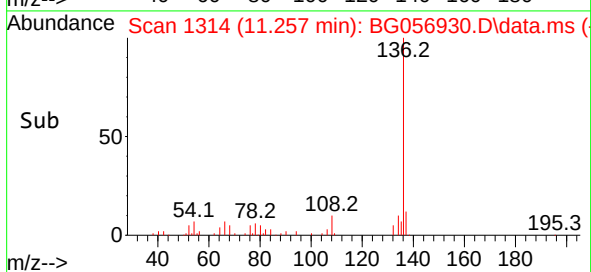
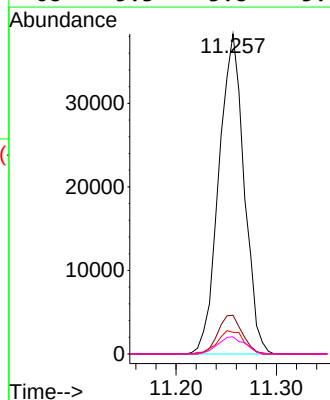
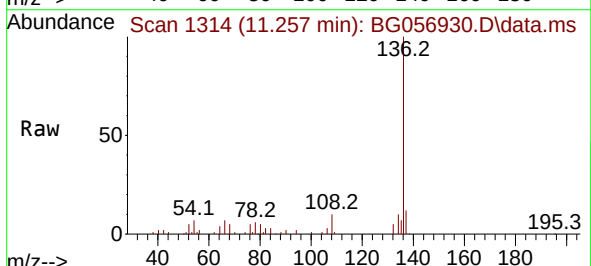
Instrument :
BNA_G
ClientSampleId :
PB151743BL

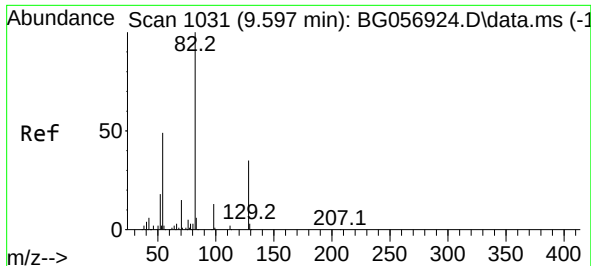
Tgt Ion: 99 Resp: 231591
Ion Ratio Lower Upper
99 100
42 20.5 15.7 23.5
71 41.9 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 1314
Delta R.T. -0.002 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

Tgt Ion: 136 Resp: 66890
Ion Ratio Lower Upper
136 100
137 12.1 8.6 13.0
54 6.8 6.9 10.3#
68 5.3 3.8 5.6





#23

Nitrobenzene-d5

Concen: 89.195 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.008 min

Lab File: BG056930.D

Acq: 30 Mar 2023 19:31

Instrument :

BNA_G

ClientSampleId :

PB151743BL

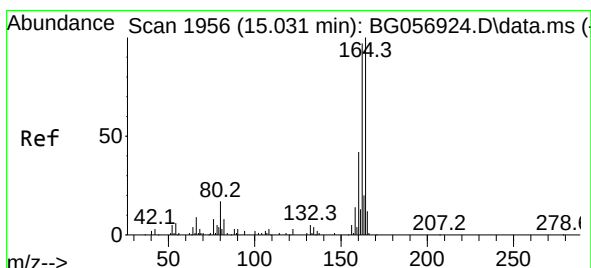
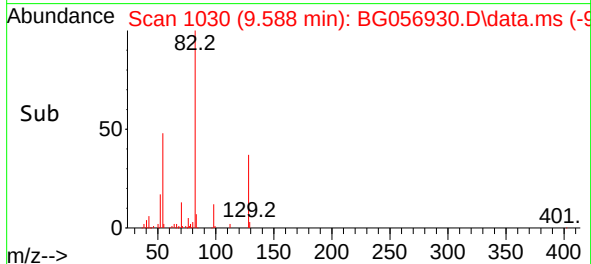
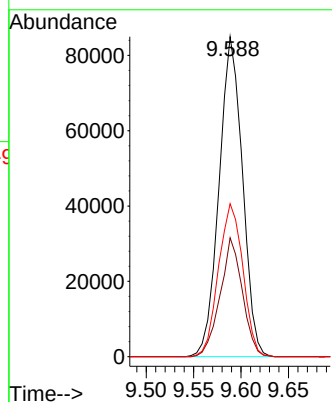
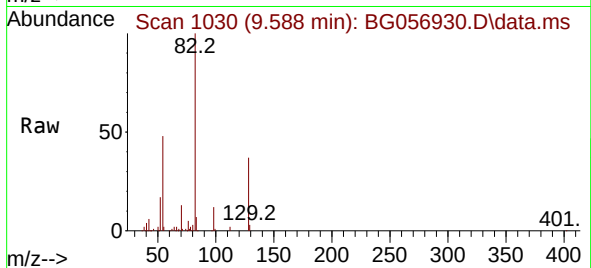
Tgt Ion: 82 Resp: 145811

Ion Ratio Lower Upper

82 100

128 37.1 27.9 41.9

54 47.8 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.028 min Scan# 1956

Delta R.T. -0.002 min

Lab File: BG056930.D

Acq: 30 Mar 2023 19:31

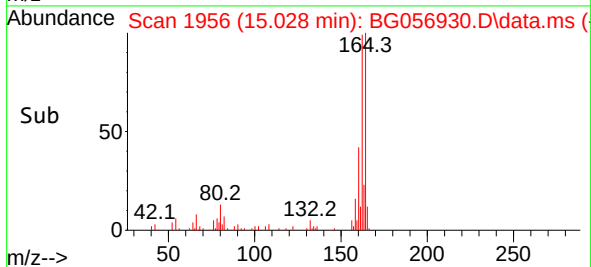
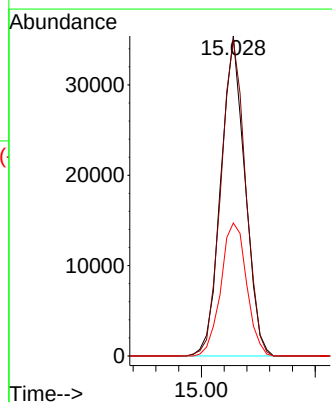
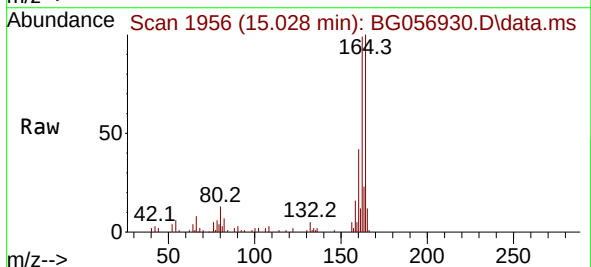
Tgt Ion: 164 Resp: 52102

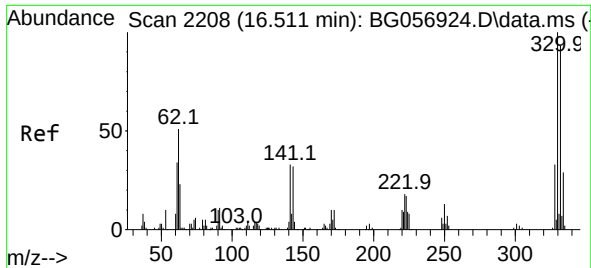
Ion Ratio Lower Upper

164 100

162 98.7 77.8 116.8

160 41.5 33.5 50.3

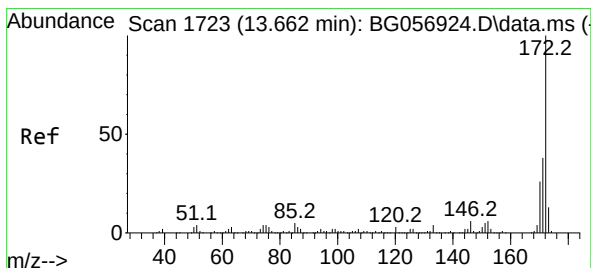
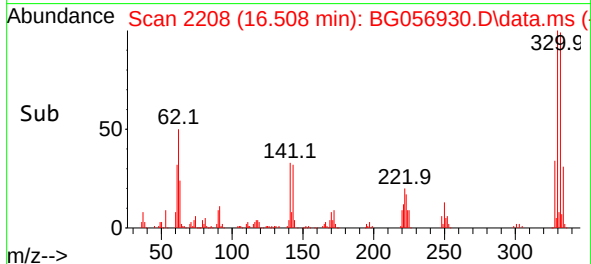
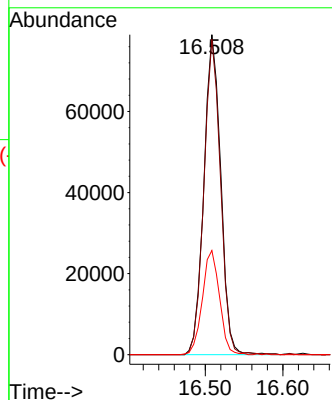
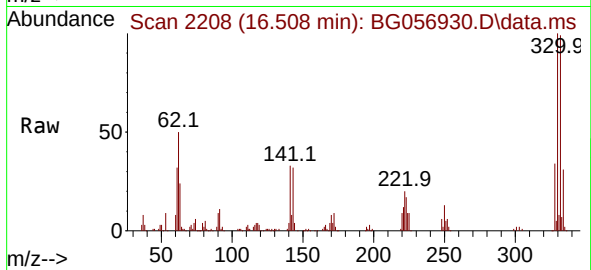




#42
2,4,6-Tribromophenol
Concen: 143.127 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

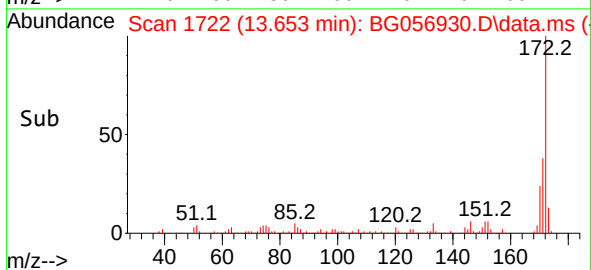
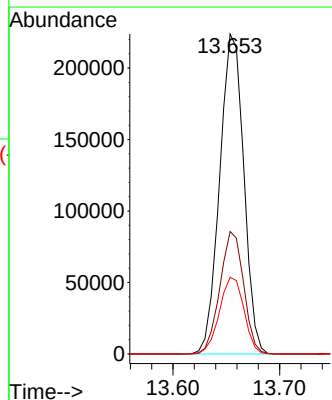
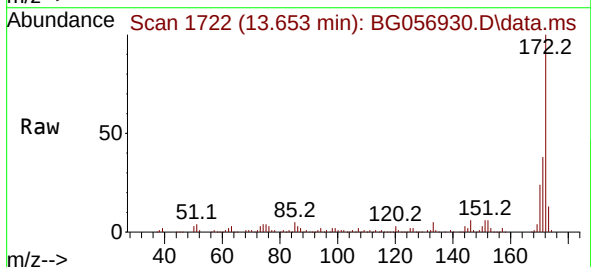
Instrument :
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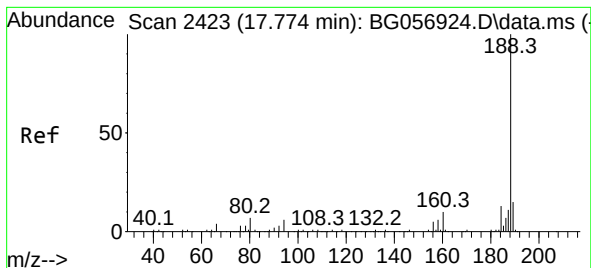
Tgt Ion:330 Resp: 119131
Ion Ratio Lower Upper
330 100
332 96.5 76.1 114.1
141 33.1 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 91.360 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.008 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

Tgt Ion:172 Resp: 351031
Ion Ratio Lower Upper
172 100
171 38.3 30.6 46.0
170 24.0 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.766 min Scan# 24

Delta R.T. -0.008 min

Lab File: BG056930.D

Acq: 30 Mar 2023 19:31

Instrument :

BNA_G

ClientSampleId :

PB151743BL

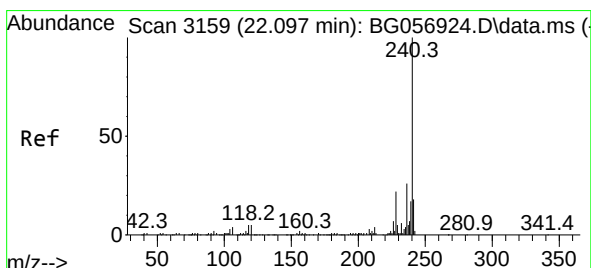
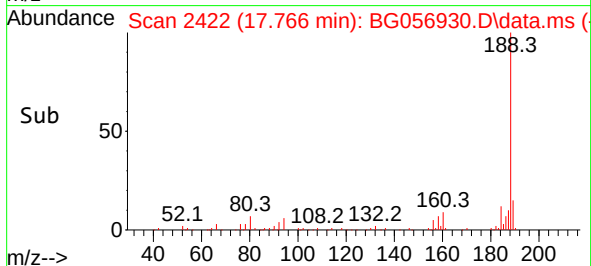
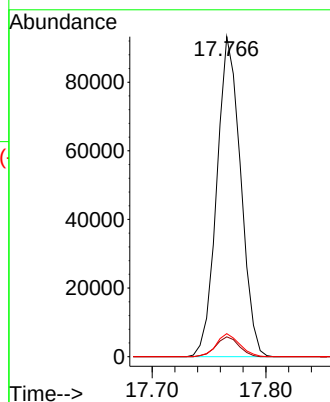
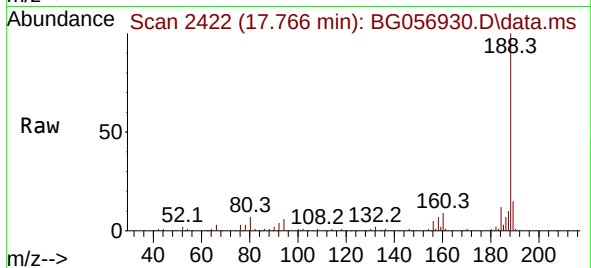
Tgt Ion:188 Resp: 135729

Ion Ratio Lower Upper

188 100

94 6.2 4.6 6.8

80 7.2 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.089 min Scan# 3158

Delta R.T. -0.008 min

Lab File: BG056930.D

Acq: 30 Mar 2023 19:31

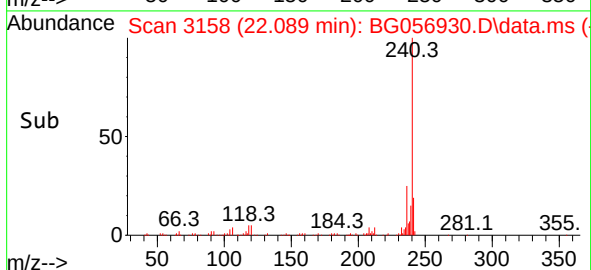
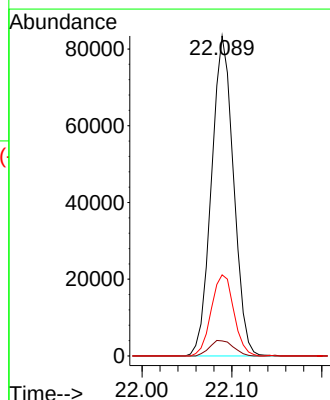
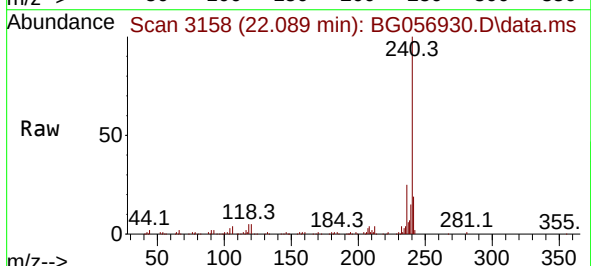
Tgt Ion:240 Resp: 142309

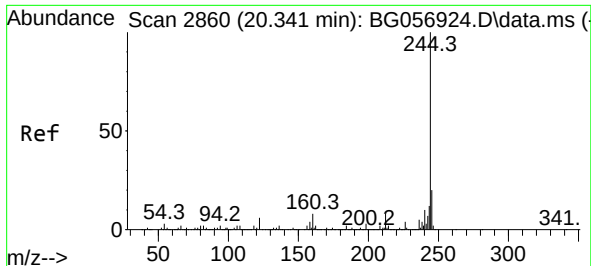
Ion Ratio Lower Upper

240 100

120 4.7 3.8 5.6

236 25.3 21.0 31.6

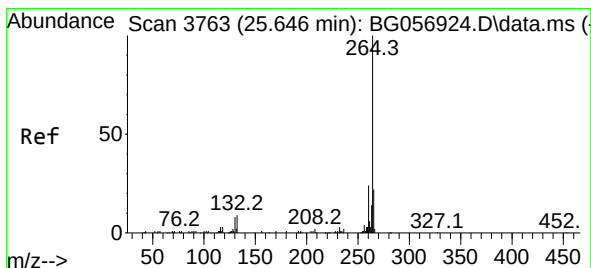
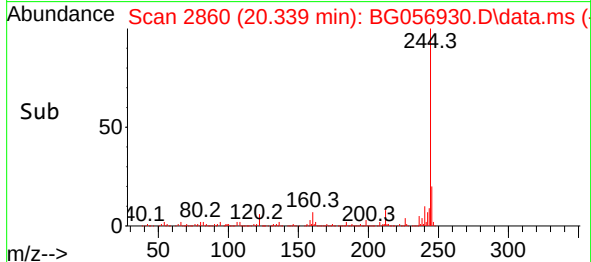
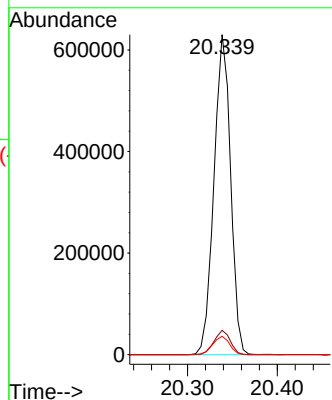
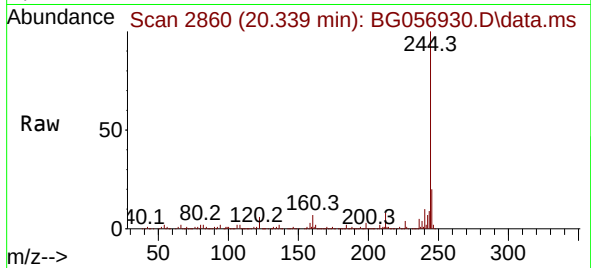




#79
 Terphenyl-d14
 Concen: 96.229 ng
 RT: 20.339 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056930.D
 Acq: 30 Mar 2023 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB151743BL

Tgt Ion:244 Resp: 809274
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 5.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.637 min Scan# 3762
 Delta R.T. -0.008 min
 Lab File: BG056930.D
 Acq: 30 Mar 2023 19:31

Tgt Ion:264 Resp: 153092
 Ion Ratio Lower Upper
 264 100
 260 26.2 19.0 28.4
 265 22.2 17.8 26.6

