

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
Data File : BG056993.D
Acq On : 5 Apr 2023 16:35
Operator : CG/JU
Sample : 02109-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-30-SB02

Quant Time: Apr 06 02:00:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 01:57:04 2023
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	12043	20.000	ng	0.00
21) Naphthalene-d8	11.250	136	49515	20.000	ng	#-0.01
39) Acenaphthene-d10	15.028	164	37411	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	96188	20.000	ng	0.00
76) Chrysene-d12	22.083	240	84482	20.000	ng	-0.01
86) Perylene-d12	25.631	264	90849	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	85951	114.224	ng	0.00
7) Phenol-d6	7.544	99	121987	108.392	ng	0.00
23) Nitrobenzene-d5	9.588	82	76893	63.542	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	71025	118.840	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	175575	63.639	ng	0.00
79) Terphenyl-d14	20.332	244	329317	65.962	ng	0.00

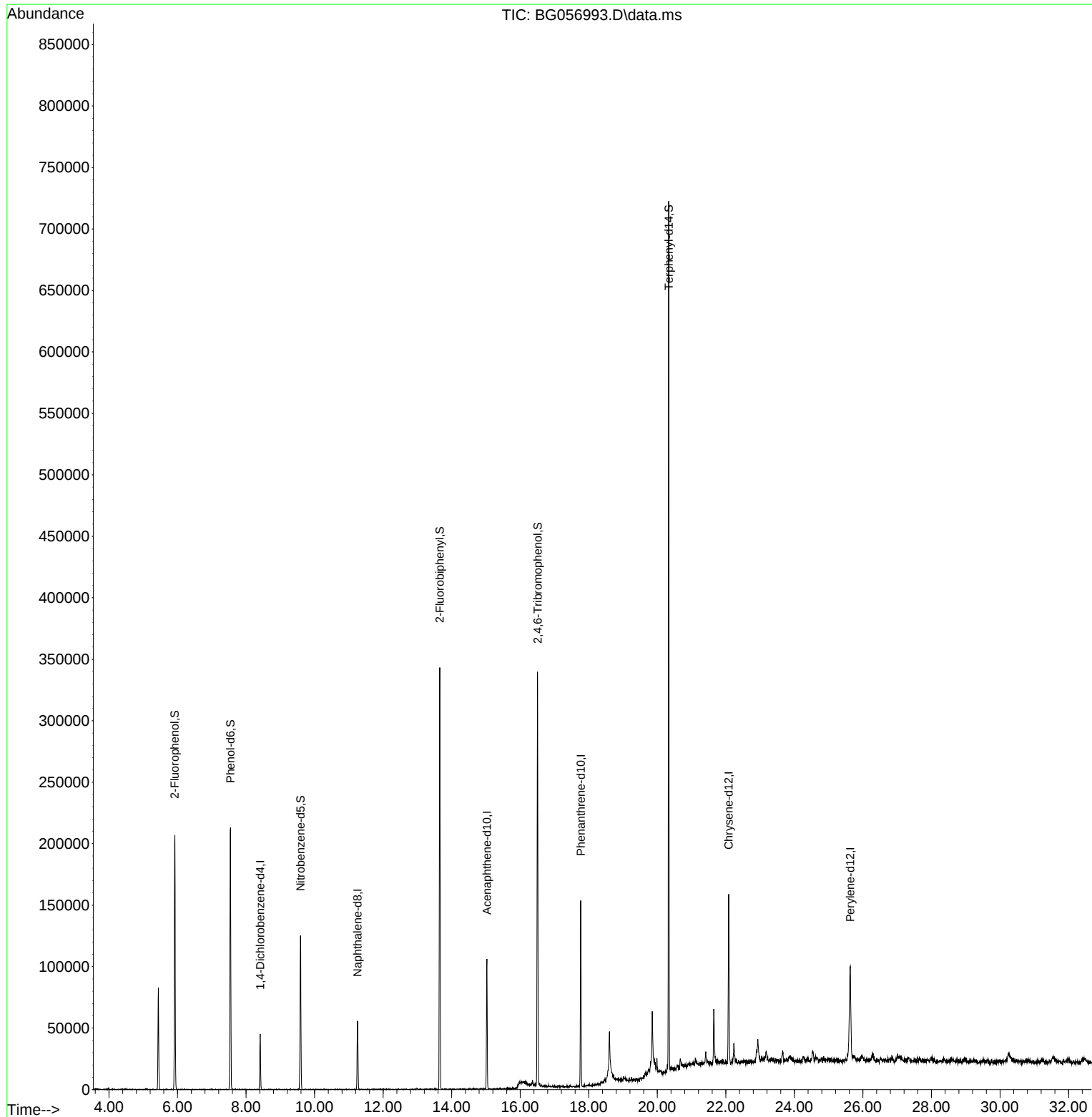
Target Compounds	Qvalue

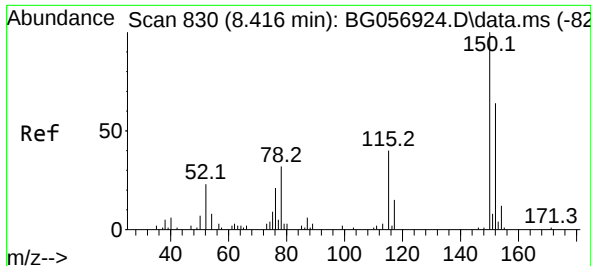
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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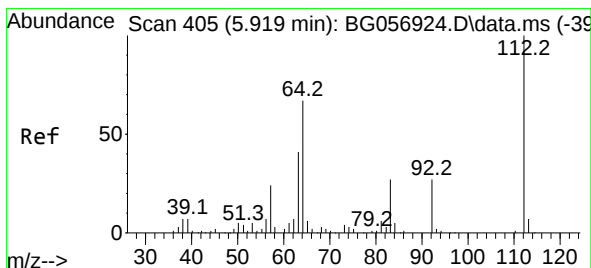
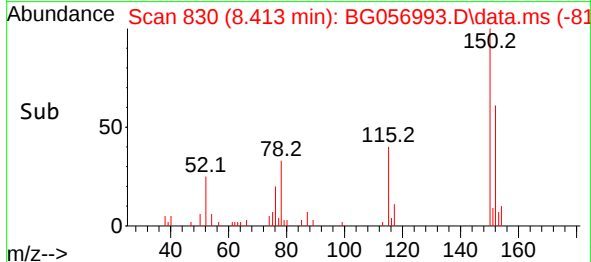
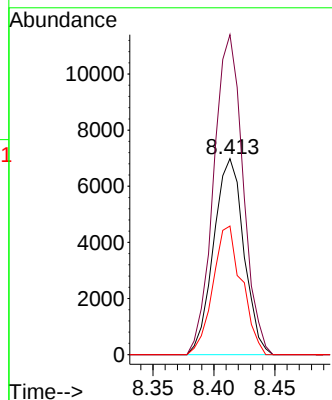
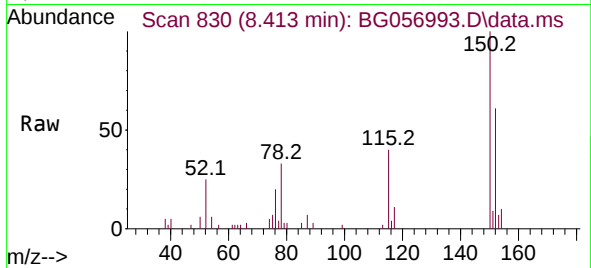




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

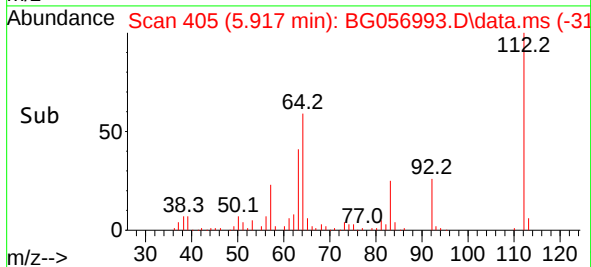
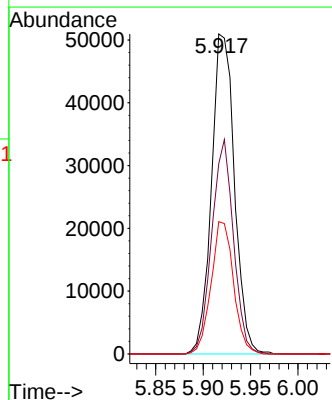
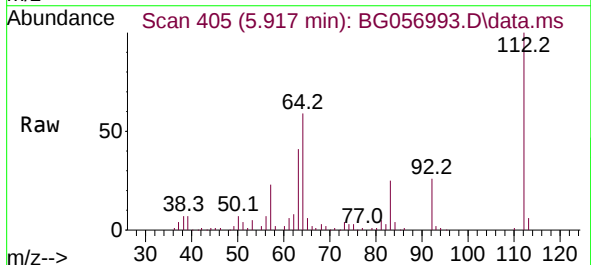
Instrument :
BNA_G
ClientSampleId :
B-30-SB02

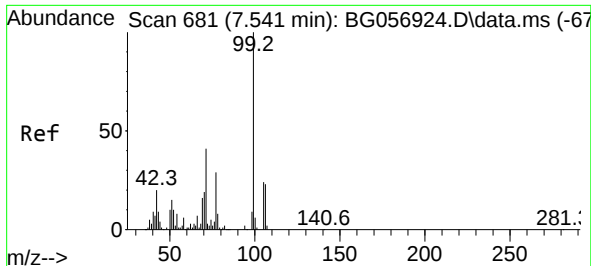
Tgt Ion:152 Resp: 12043
Ion Ratio Lower Upper
152 100
150 163.3 124.1 186.1
115 65.6 49.1 73.7



#5
2-Fluorophenol
Concen: 114.224 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.007 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

Tgt Ion:112 Resp: 85951
Ion Ratio Lower Upper
112 100
64 59.4 53.2 79.8
63 41.3 32.6 48.8

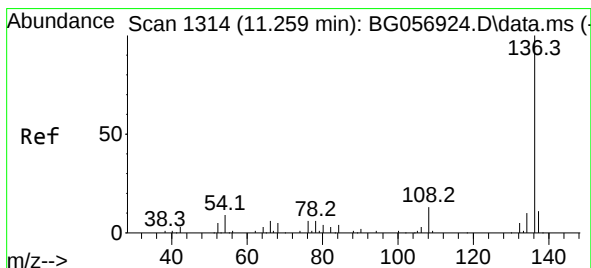
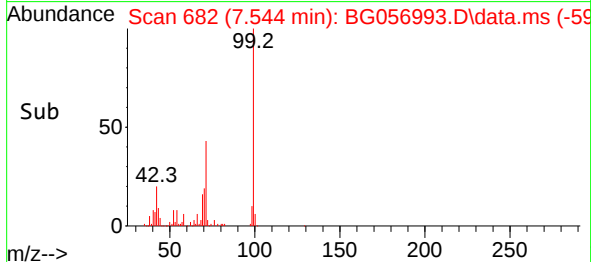
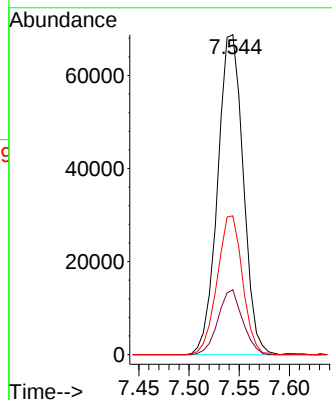
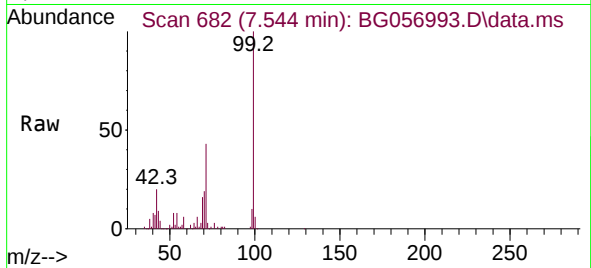




#7
Phenol-d6
Concen: 108.392 ng
RT: 7.544 min Scan# 681
Delta R.T. -0.001 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

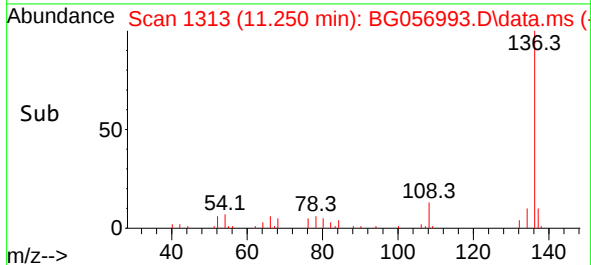
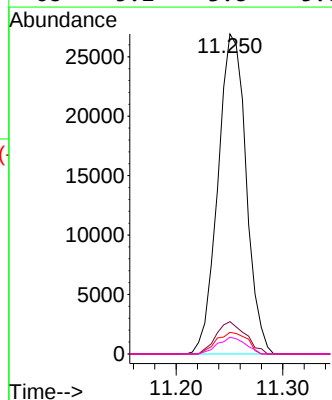
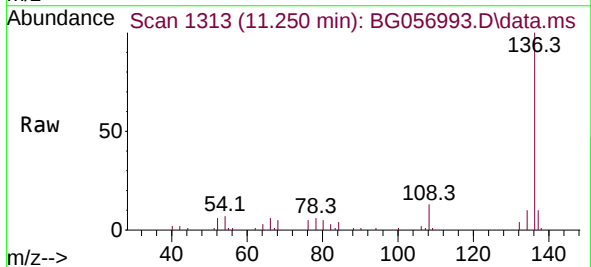
Instrument :
BNA_G
ClientSampleId :
B-30-SB02

Tgt Ion: 99 Resp: 121987
Ion Ratio Lower Upper
99 100
42 20.3 15.7 23.5
71 43.4 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.250 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

Tgt Ion: 136 Resp: 49515
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 6.7 6.9 10.3#
68 5.2 3.8 5.6





#23

Nitrobenzene-d5

Concen: 63.542 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.007 min

Lab File: BG056993.D

Acq: 5 Apr 2023 16:35

Instrument :

BNA_G

ClientSampleId :

B-30-SB02

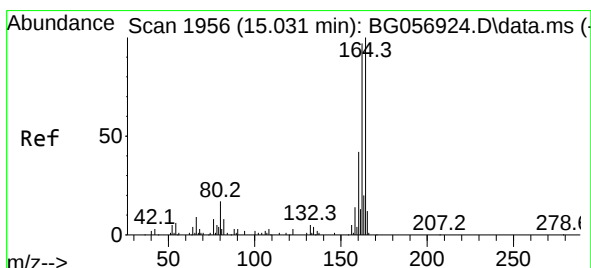
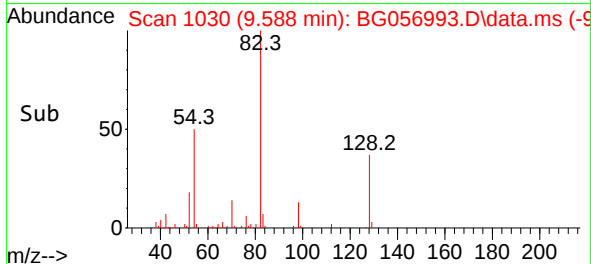
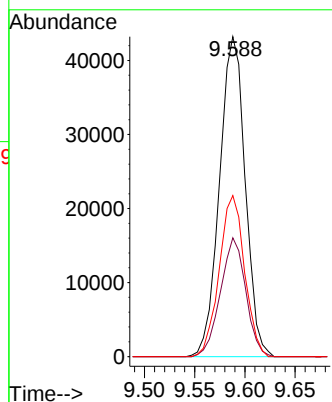
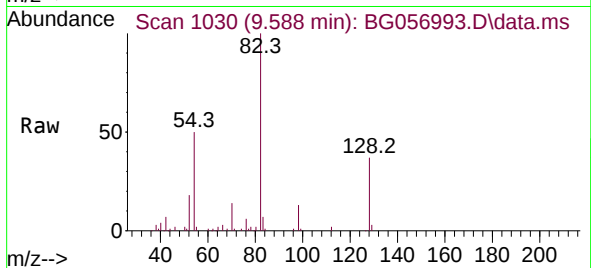
Tgt Ion: 82 Resp: 76893

Ion Ratio Lower Upper

82 100

128 37.1 27.9 41.9

54 50.3 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.028 min Scan# 1956

Delta R.T. -0.007 min

Lab File: BG056993.D

Acq: 5 Apr 2023 16:35

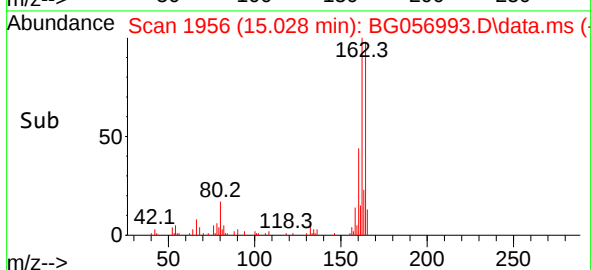
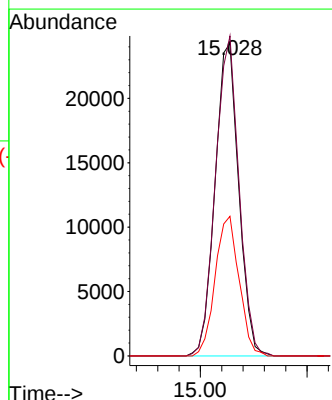
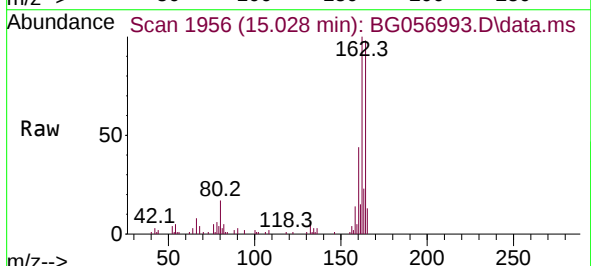
Tgt Ion: 164 Resp: 37411

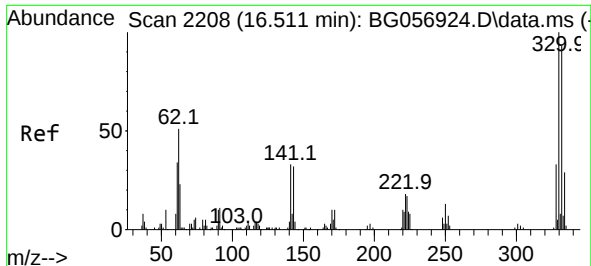
Ion Ratio Lower Upper

164 100

162 102.4 77.8 116.8

160 44.6 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 118.840 ng

RT: 16.508 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056993.D

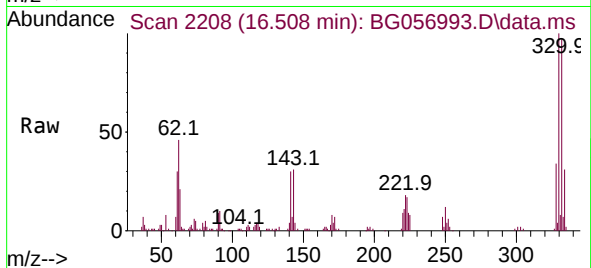
Acq: 5 Apr 2023 16:35

Instrument :

BNA_G

ClientSampleId :

B-30-SB02



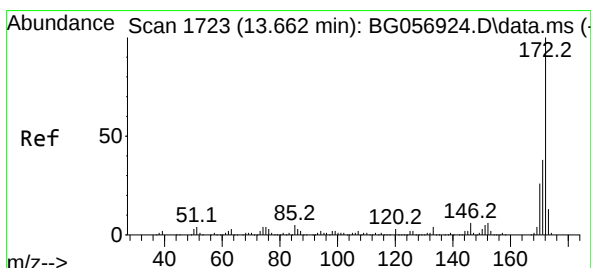
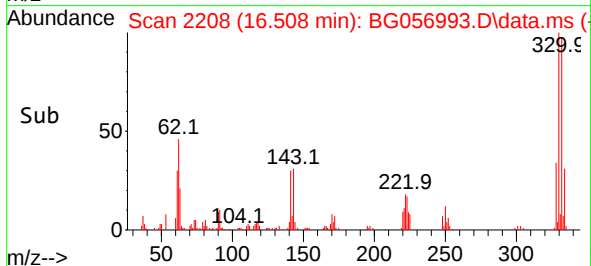
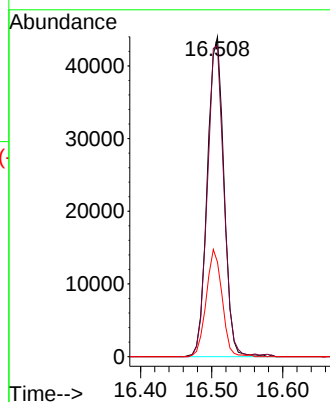
Tgt Ion:330 Resp: 71025

Ion Ratio Lower Upper

330 100

332 96.8 76.1 114.1

141 32.0 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 63.639 ng

RT: 13.653 min Scan# 1722

Delta R.T. -0.001 min

Lab File: BG056993.D

Acq: 5 Apr 2023 16:35

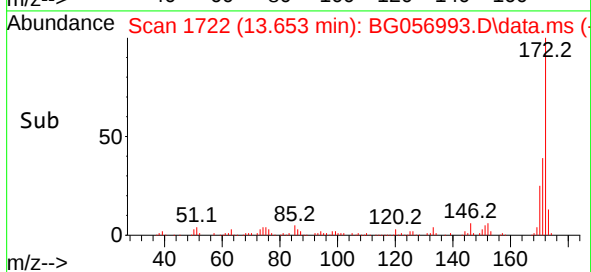
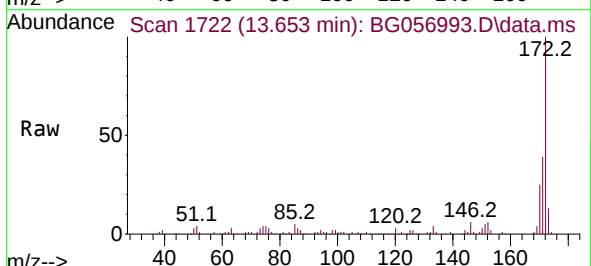
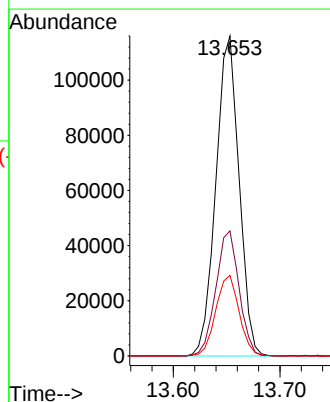
Tgt Ion:172 Resp: 175575

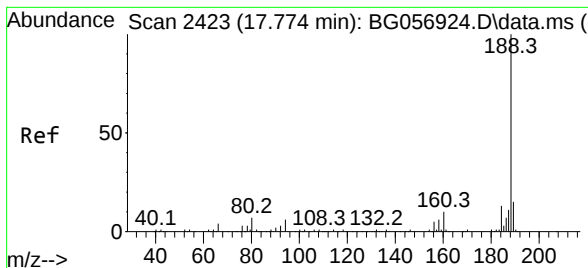
Ion Ratio Lower Upper

172 100

171 39.1 30.6 46.0

170 25.2 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.765 min Scan# 2422

Delta R.T. -0.001 min

Lab File: BG056993.D

Acq: 5 Apr 2023 16:35

Instrument :

BNA_G

ClientSampleId :

B-30-SB02

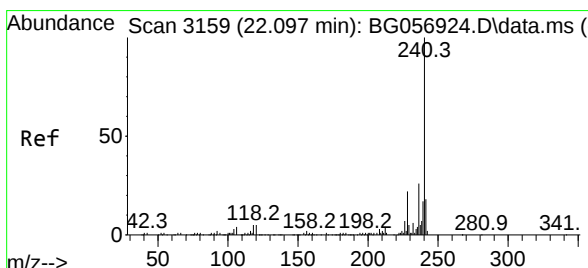
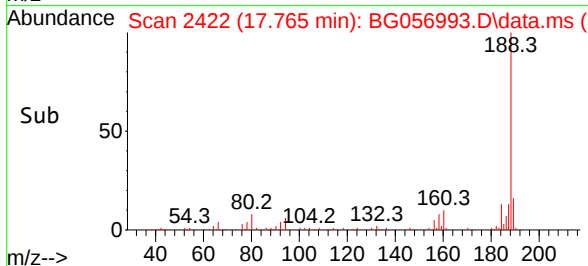
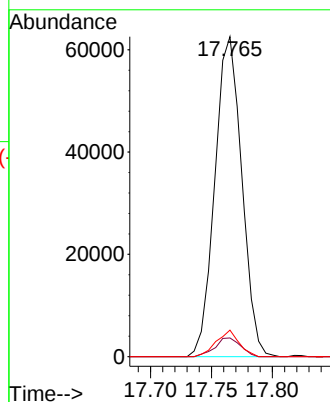
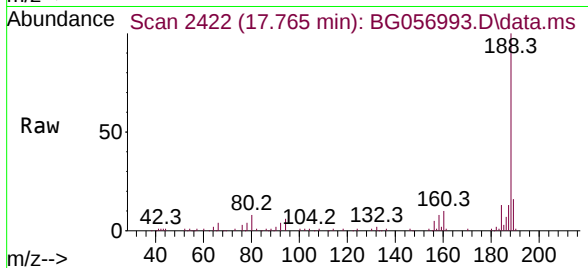
Tgt Ion:188 Resp: 96188

Ion Ratio Lower Upper

188 100

94 5.8 4.6 6.8

80 8.3 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.083 min Scan# 3157

Delta R.T. -0.012 min

Lab File: BG056993.D

Acq: 5 Apr 2023 16:35

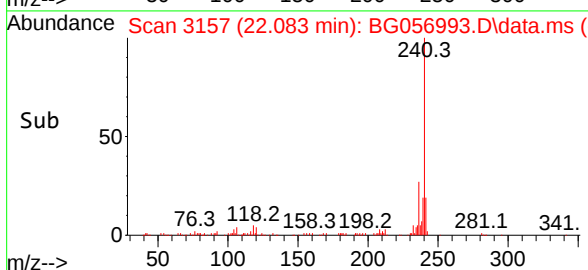
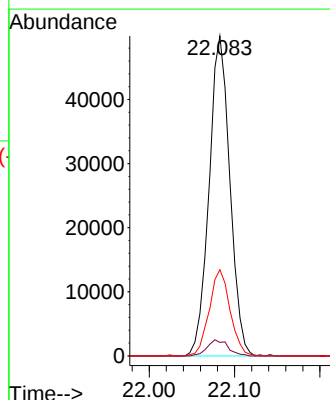
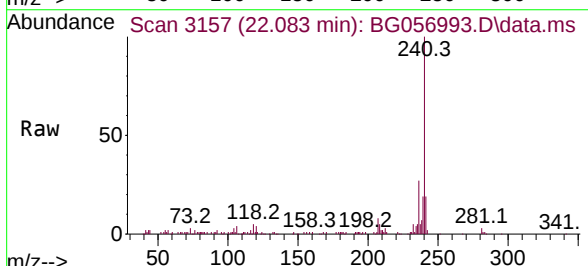
Tgt Ion:240 Resp: 84482

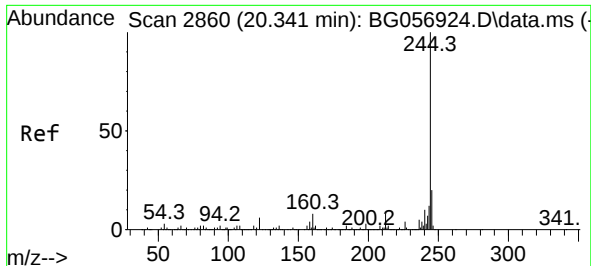
Ion Ratio Lower Upper

240 100

120 4.2 3.8 5.6

236 26.9 21.0 31.6

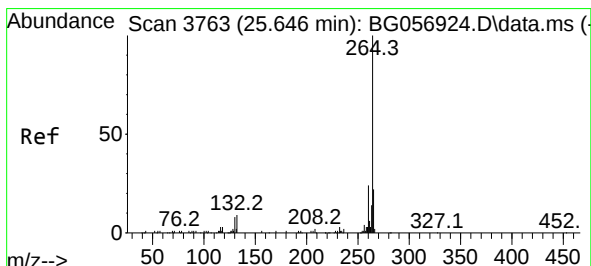
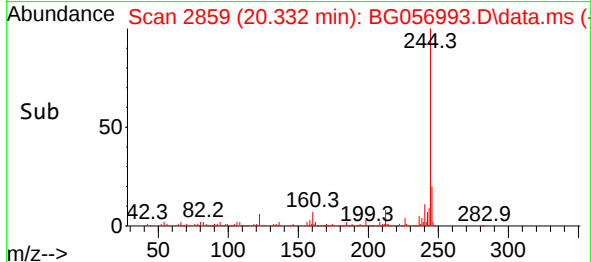
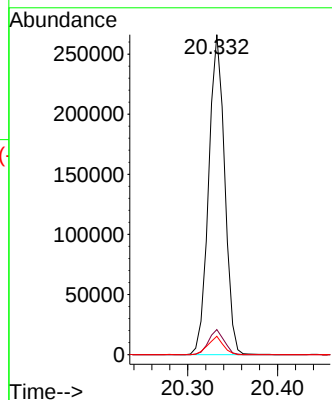
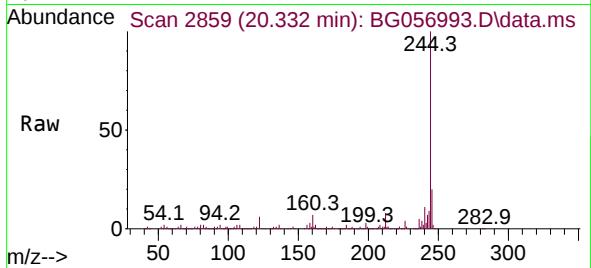




#79
 Terphenyl-d14
 Concen: 65.962 ng
 RT: 20.332 min Scan# 2859
 Delta R.T. -0.007 min
 Lab File: BG056993.D
 Acq: 5 Apr 2023 16:35

Instrument :
 BNA_G
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 B-30-SB02

Tgt Ion:244 Resp: 329317
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 5.7 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.631 min Scan# 3761
 Delta R.T. -0.001 min
 Lab File: BG056993.D
 Acq: 5 Apr 2023 16:35

Tgt Ion:264 Resp: 90849
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 19.3 17.8 26.6

