

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056381.D
 Acq On : 23 Jan 2023 12:22
 Operator : CG/JU
 Sample : PB150329TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150329TB

Quant Time: Jan 24 01:19:23 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 19 00:31:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	28174	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	117819	20.000	ng	# 0.00
39) Acenaphthene-d10	14.918	164	103370	20.000	ng	0.00
64) Phenanthrene-d10	17.650	188	299691	20.000	ng	0.00
76) Chrysene-d12	21.945	240	283337	20.000	ng	# 0.00
86) Perylene-d12	25.382	264	306120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.823	112	277956	176.152	ng	0.00
7) Phenol-d6	7.444	99	396545	163.641	ng	0.00
23) Nitrobenzene-d5	9.471	82	208779	90.642	ng	-0.02
42) 2,4,6-Tribromophenol	16.399	330	204698	156.358	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	684182	91.398	ng	0.00
79) Terphenyl-d14	20.229	244	1590910	100.566	ng	0.00

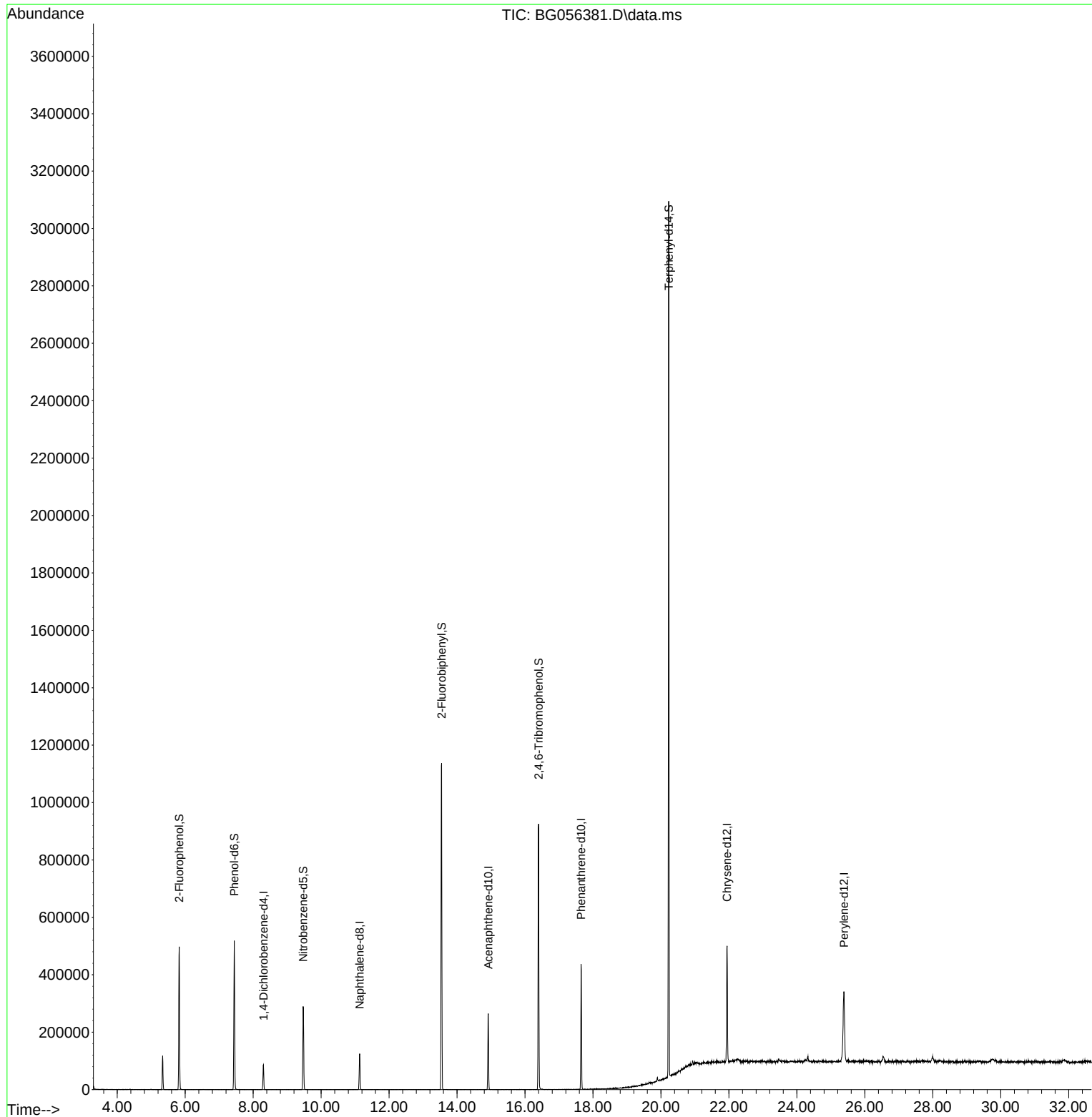
Target Compounds Qvalue

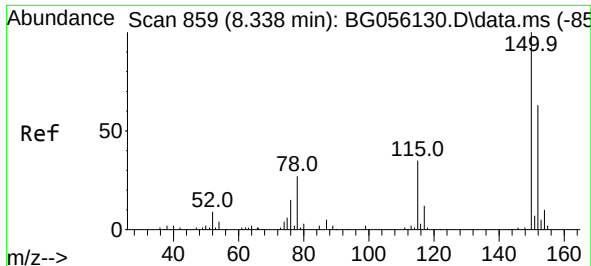
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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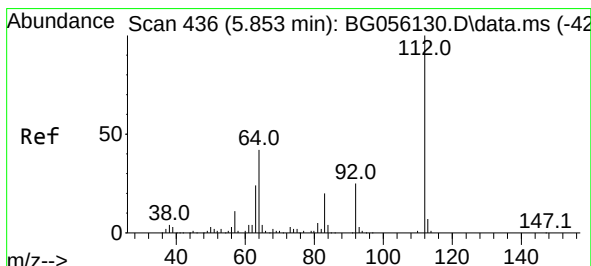
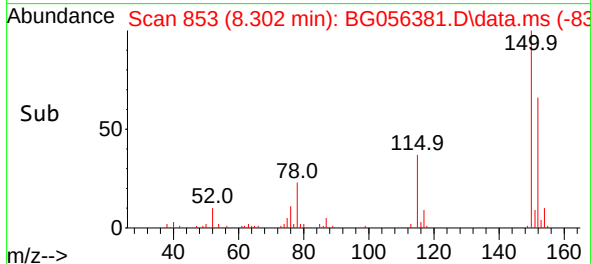
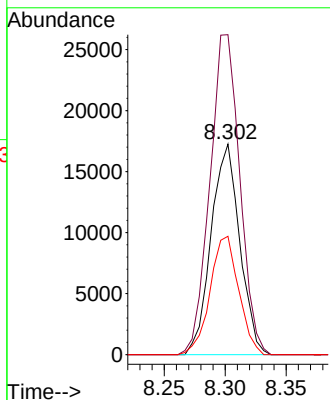
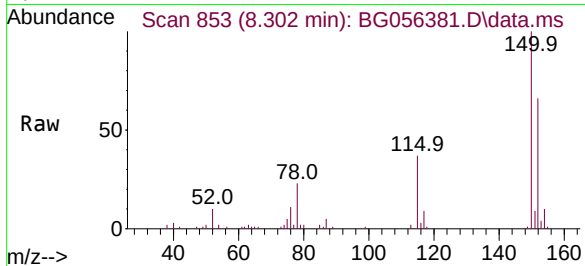




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.302 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG056381.D
Acq: 23 Jan 2023 12:22

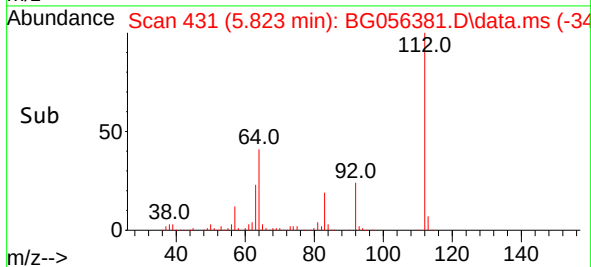
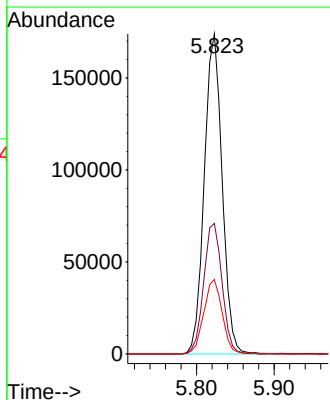
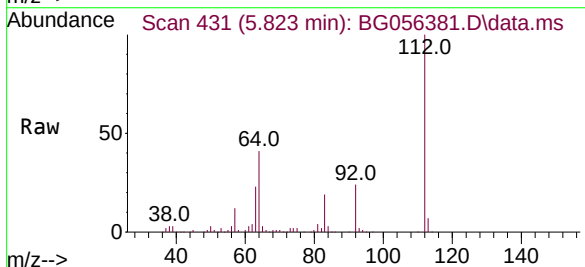
Instrument :
BNA_G
ClientSampleId :
PB150329TB

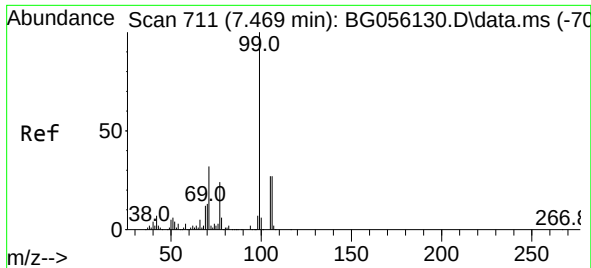
Tgt Ion:152 Resp: 28174
Ion Ratio Lower Upper
152 100
150 152.0 127.9 191.9
115 56.2 44.2 66.2



#5
2-Fluorophenol
Concen: 176.152 ng
RT: 5.823 min Scan# 431
Delta R.T. -0.004 min
Lab File: BG056381.D
Acq: 23 Jan 2023 12:22

Tgt Ion:112 Resp: 277956
Ion Ratio Lower Upper
112 100
64 40.8 33.3 49.9
63 23.2 19.0 28.4

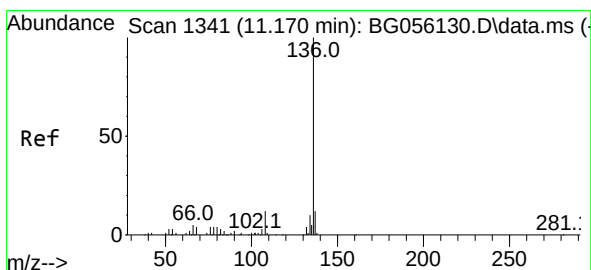
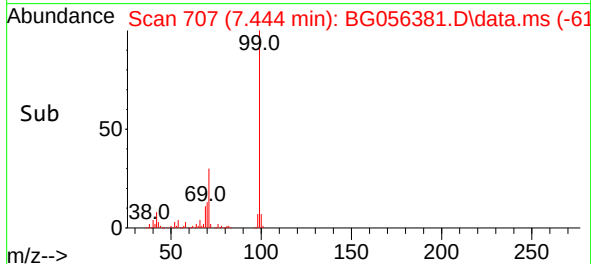
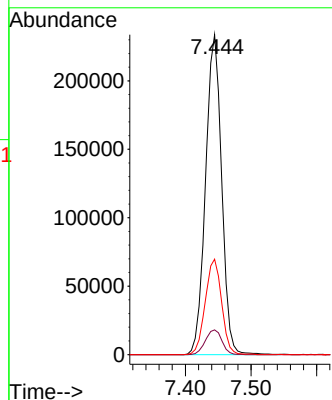
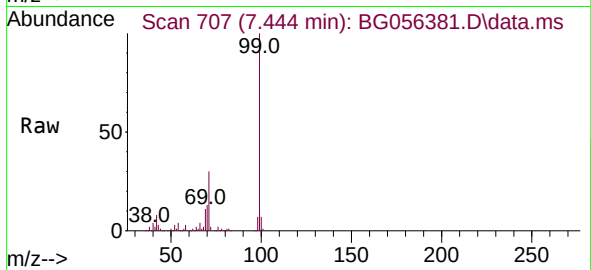




#7
Phenol-d6
Concen: 163.641 ng
RT: 7.444 min Scan# 70
Delta R.T. -0.004 min
Lab File: BG056381.D
Acq: 23 Jan 2023 12:22

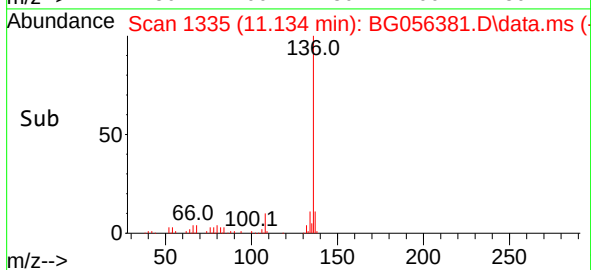
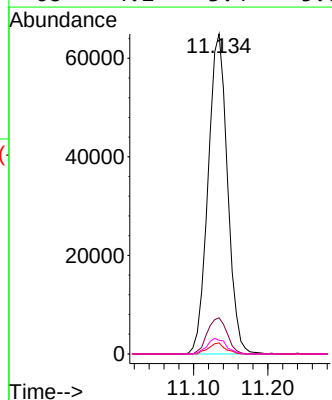
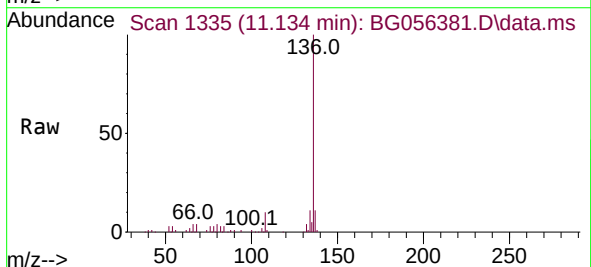
Instrument :
BNA_G
ClientSampleId :
PB150329TB

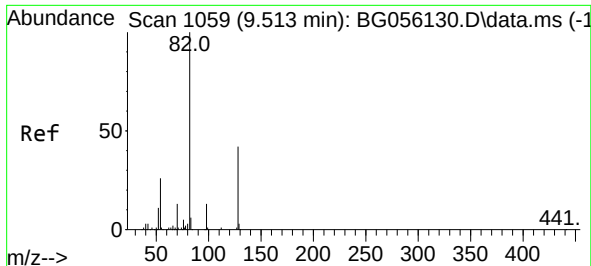
Tgt Ion: 99 Resp: 396545
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 29.9 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 1335
Delta R.T. -0.004 min
Lab File: BG056381.D
Acq: 23 Jan 2023 12:22

Tgt Ion: 136 Resp: 117819
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 3.4 2.2 3.2#
68 4.2 3.4 5.0





#23

Nitrobenzene-d5

Concen: 90.642 ng

RT: 9.471 min Scan# 1052

Delta R.T. -0.015 min

Lab File: BG056381.D

Acq: 23 Jan 2023 12:22

Instrument :

BNA_G

ClientSampleId :

PB150329TB

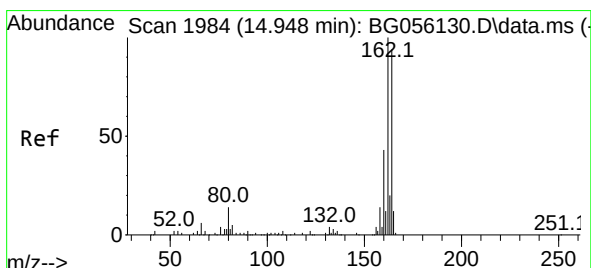
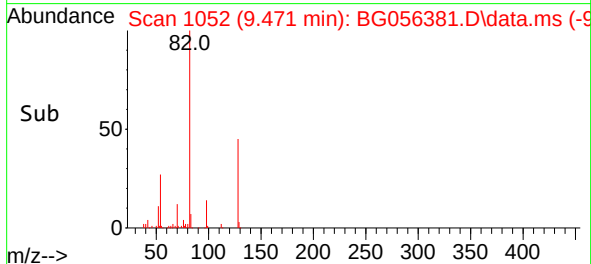
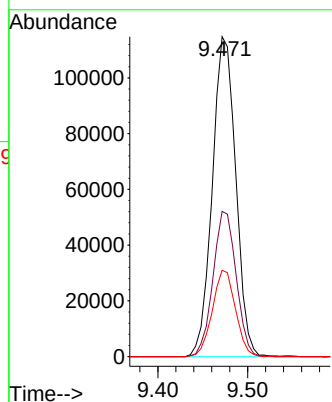
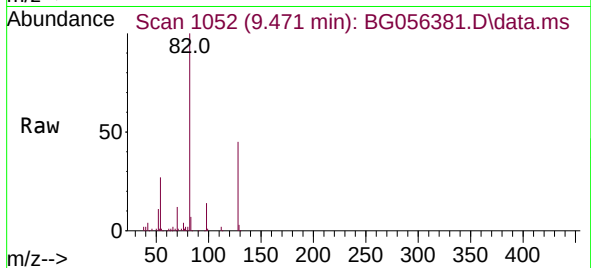
Tgt Ion: 82 Resp: 208779

Ion Ratio Lower Upper

82 100

128 45.4 33.4 50.2

54 27.0 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.918 min Scan# 1979

Delta R.T. -0.004 min

Lab File: BG056381.D

Acq: 23 Jan 2023 12:22

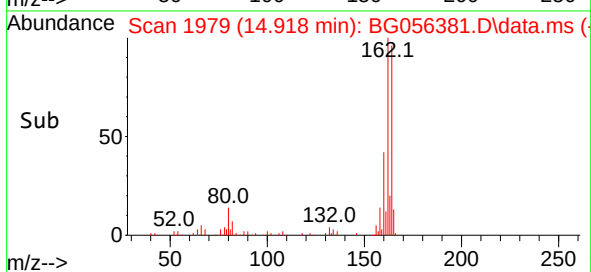
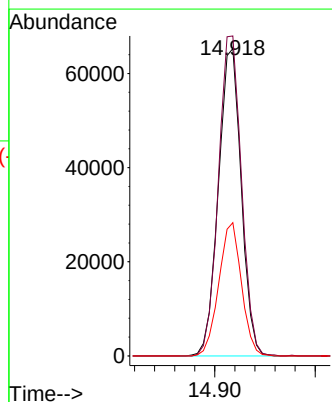
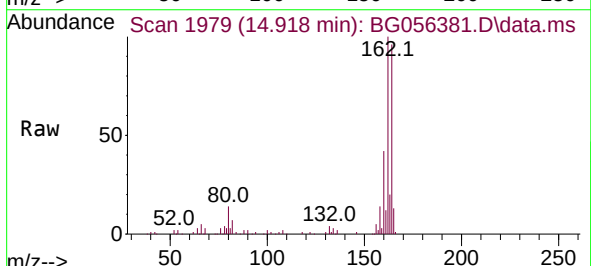
Tgt Ion: 164 Resp: 103370

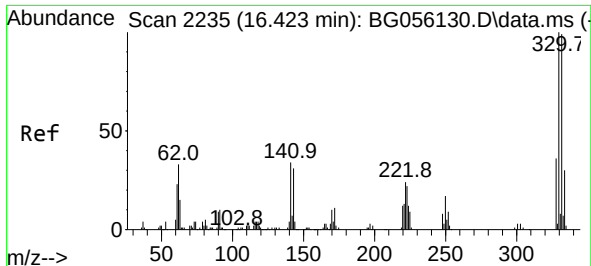
Ion Ratio Lower Upper

164 100

162 104.1 84.7 127.1

160 43.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 156.358 ng

RT: 16.399 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG056381.D

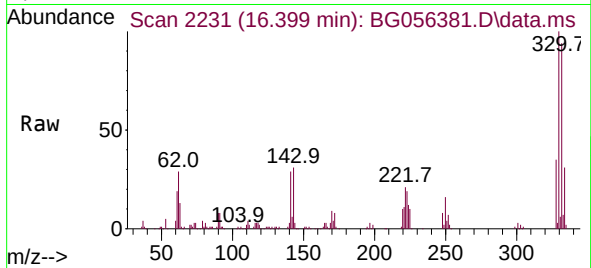
Acq: 23 Jan 2023 12:22

Instrument :

BNA_G

ClientSampleId :

PB150329TB



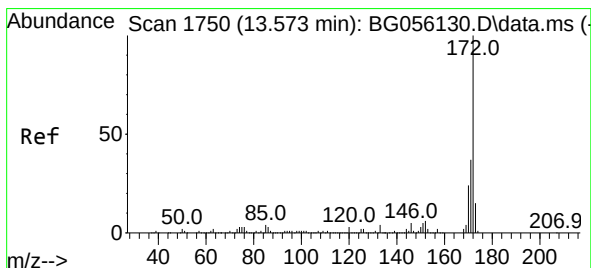
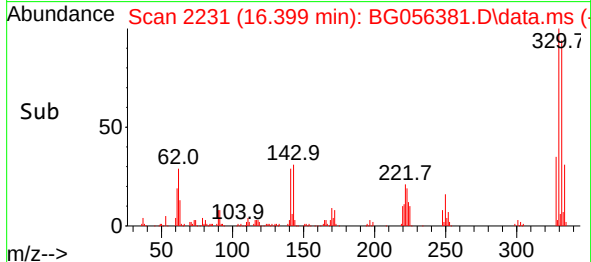
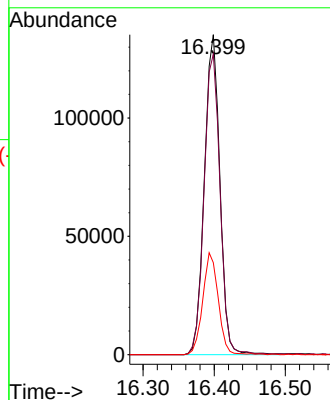
Tgt Ion:330 Resp: 204698

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 31.7 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 91.398 ng

RT: 13.543 min Scan# 1745

Delta R.T. -0.004 min

Lab File: BG056381.D

Acq: 23 Jan 2023 12:22

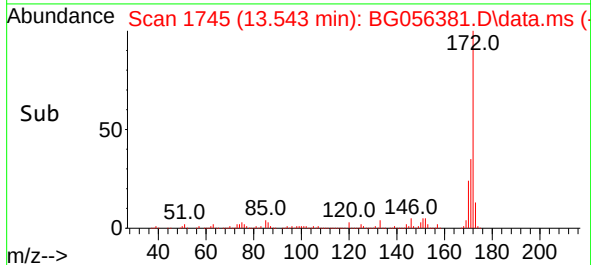
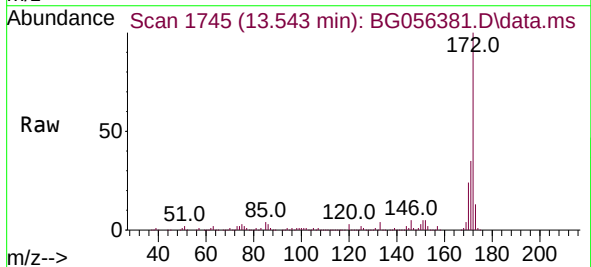
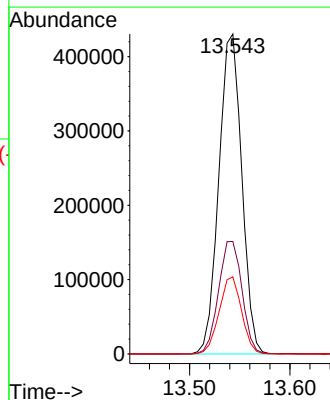
Tgt Ion:172 Resp: 684182

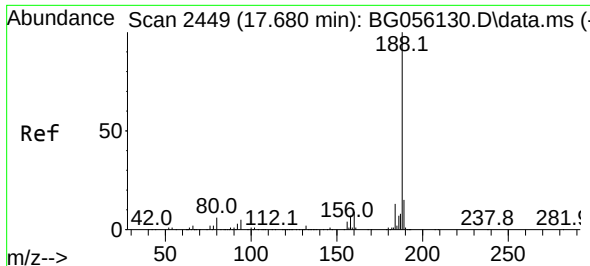
Ion Ratio Lower Upper

172 100

171 35.1 29.6 44.4

170 24.1 19.4 29.2

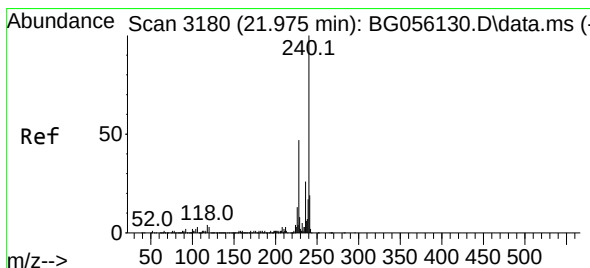
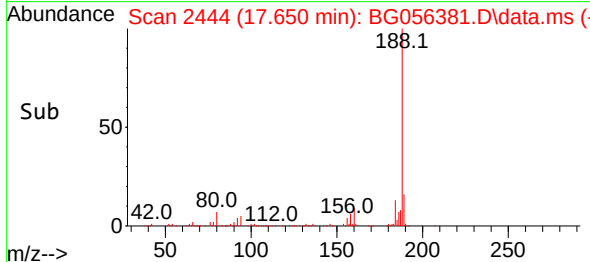
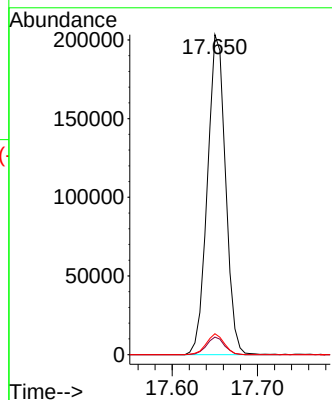
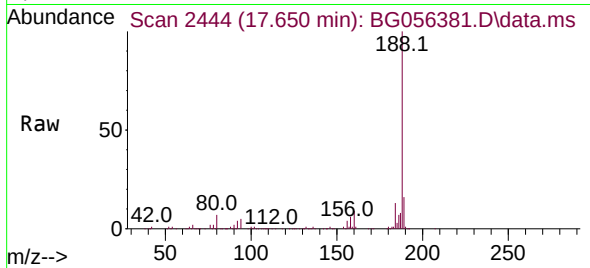




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.650 min Scan# 2449
Delta R.T. -0.010 min
Lab File: BG056381.D
Acq: 23 Jan 2023 12:22

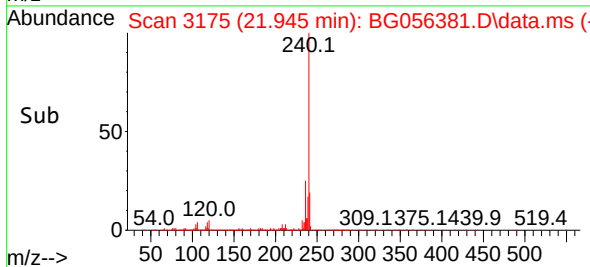
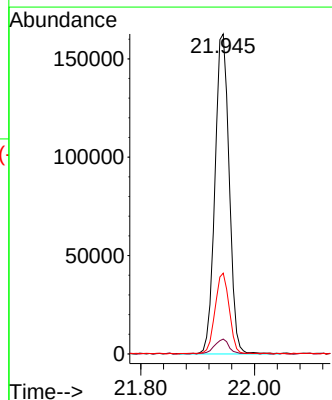
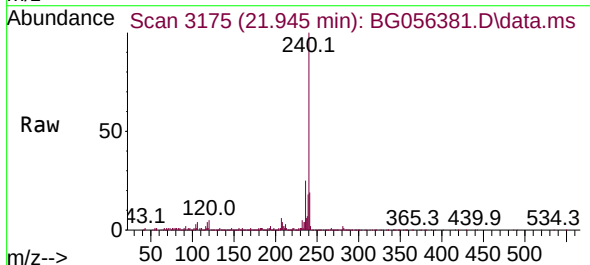
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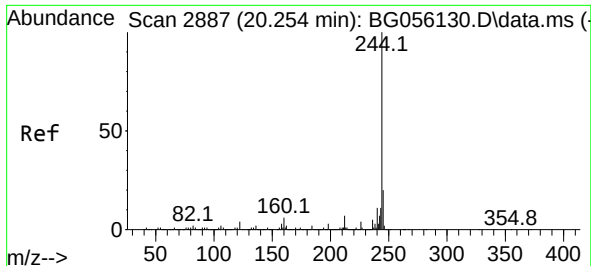
Tgt Ion:188 Resp: 299691
Ion Ratio Lower Upper
188 100
94 5.5 4.2 6.2
80 6.5 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.945 min Scan# 3175
Delta R.T. -0.010 min
Lab File: BG056381.D
Acq: 23 Jan 2023 12:22

Tgt Ion:240 Resp: 283337
Ion Ratio Lower Upper
240 100
120 4.6 2.6 4.0#
236 25.2 20.8 31.2

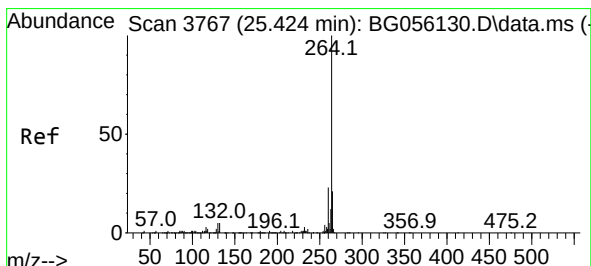
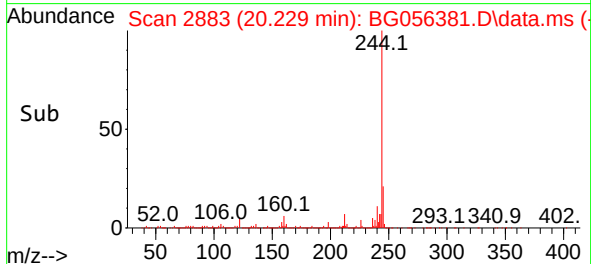
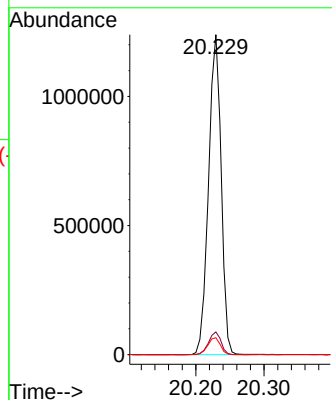
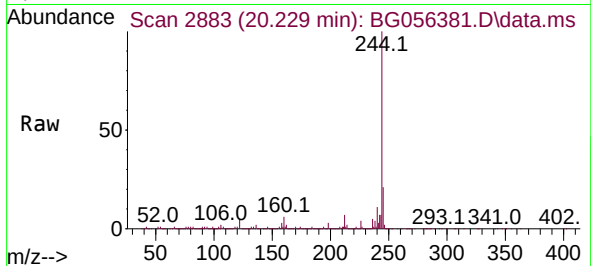




#79
 Terphenyl-d14
 Concen: 100.566 ng
 RT: 20.229 min Scan# 2883
 Delta R.T. -0.004 min
 Lab File: BG056381.D
 Acq: 23 Jan 2023 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB150329TB

Tgt Ion:244 Resp: 1590910
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.3 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.382 min Scan# 3760
 Delta R.T. -0.010 min
 Lab File: BG056381.D
 Acq: 23 Jan 2023 12:22

Tgt Ion:264 Resp: 306120
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.6 28.0
 265 21.8 16.7 25.1

