

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056263.D
 Acq On : 12 Jan 2023 10:55
 Operator : CG/JU
 Sample : PB150172BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150172BL

Quant Time: Jan 13 04:37:50 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 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	53432	20.000	ng	0.00
21) Naphthalene-d8	11.144	136	190996	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	156628	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	424996	20.000	ng	0.00
76) Chrysene-d12	21.955	240	482198	20.000	ng	# 0.00
86) Perylene-d12	25.403	264	467734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	420049	140.365	ng	0.01
7) Phenol-d6	7.454	99	559536	121.752	ng	0.00
23) Nitrobenzene-d5	9.487	82	302137	80.917	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	245809	123.916	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	936934	82.604	ng	0.00
79) Terphenyl-d14	20.239	244	2089857	77.625	ng	0.00

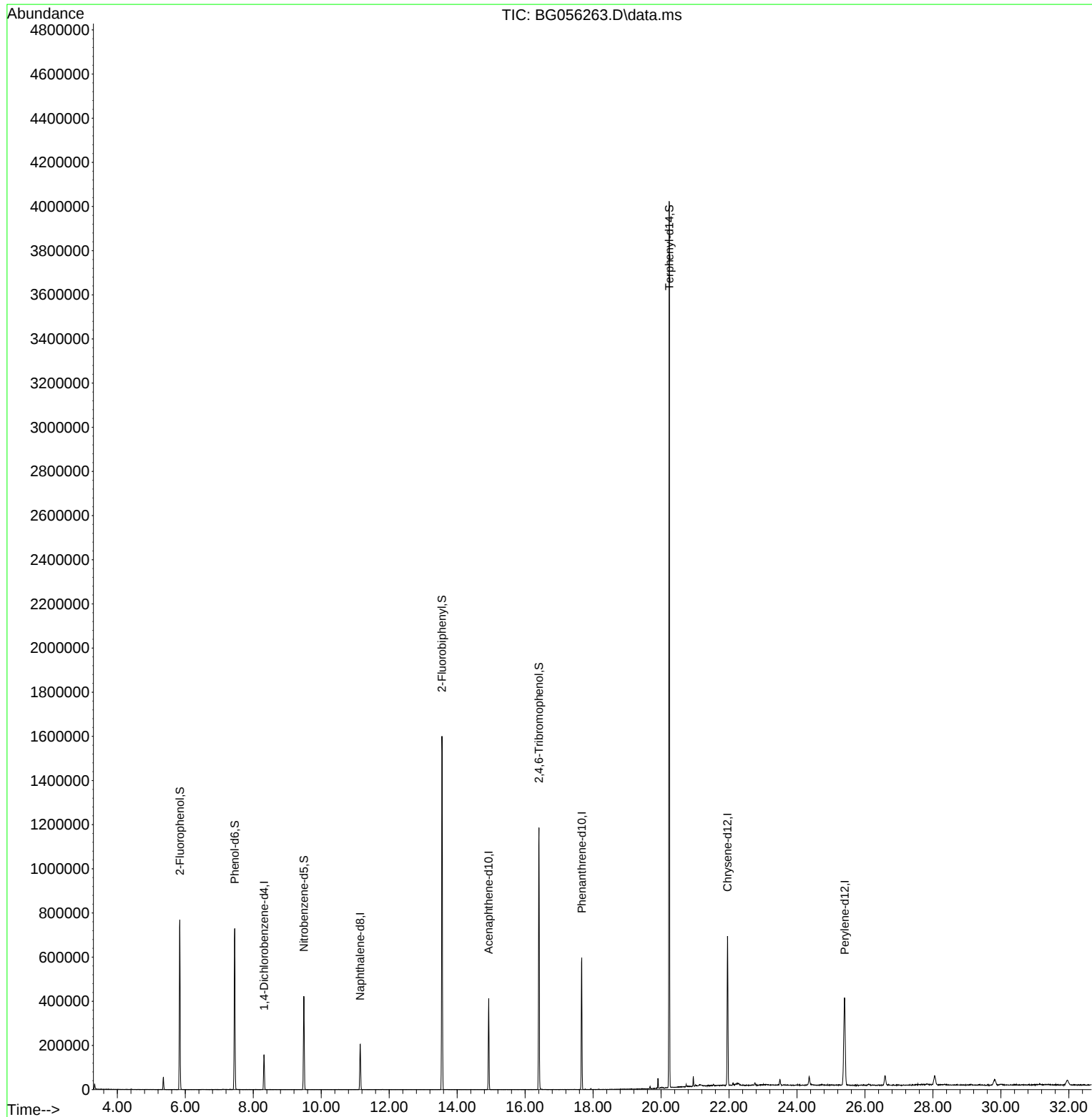
Target Compounds Qvalue

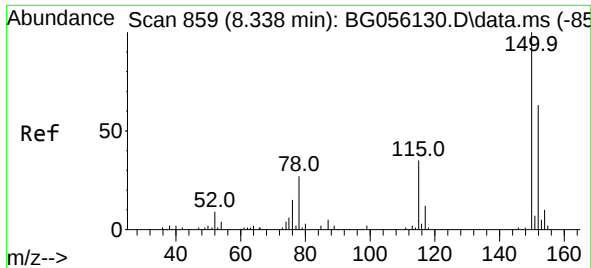
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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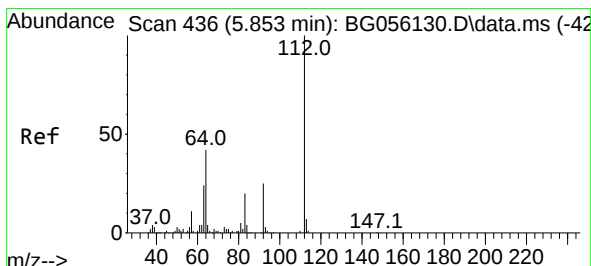
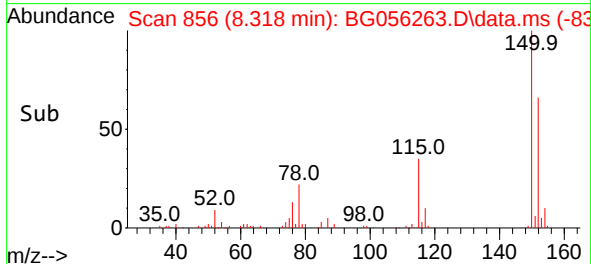
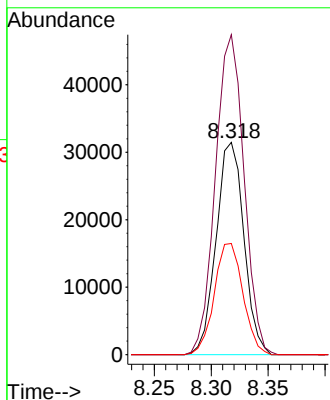
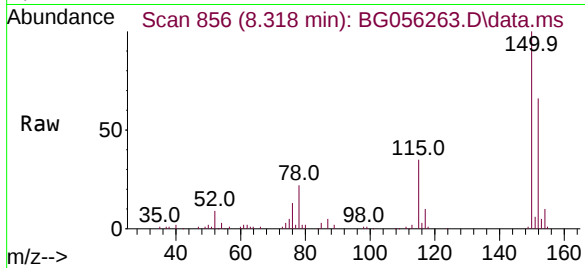




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

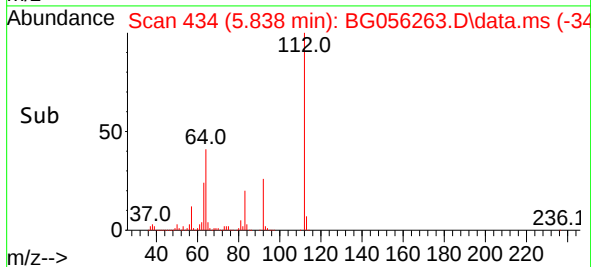
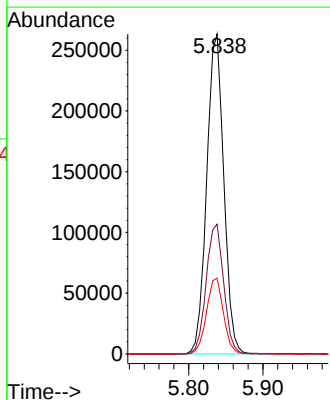
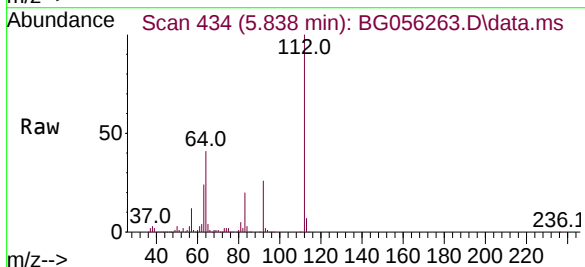
Instrument :
BNA_G
ClientSampleId :
PB150172BL

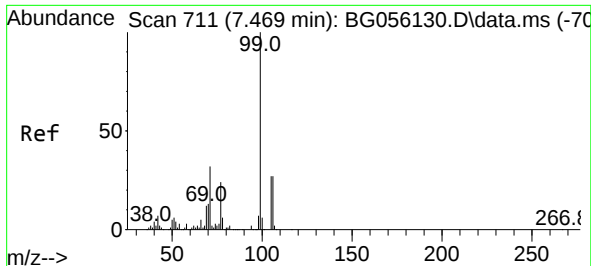
Tgt Ion:152 Resp: 53432
Ion Ratio Lower Upper
152 100
150 150.8 127.9 191.9
115 52.3 44.2 66.2



#5
2-Fluorophenol
Concen: 140.365 ng
RT: 5.838 min Scan# 434
Delta R.T. 0.013 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

Tgt Ion:112 Resp: 420049
Ion Ratio Lower Upper
112 100
64 40.5 33.3 49.9
63 23.7 19.0 28.4

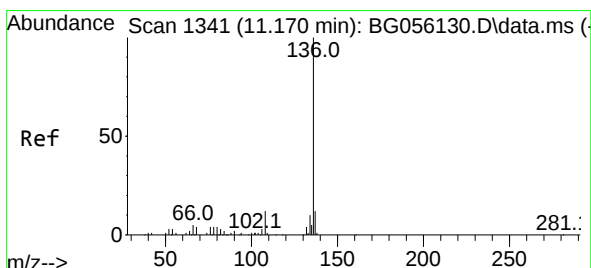
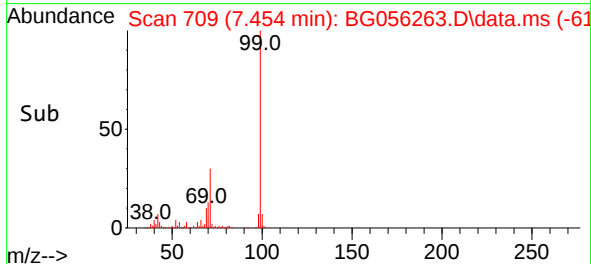
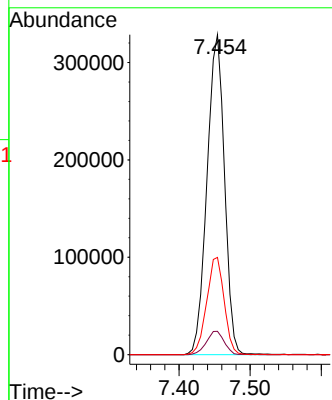
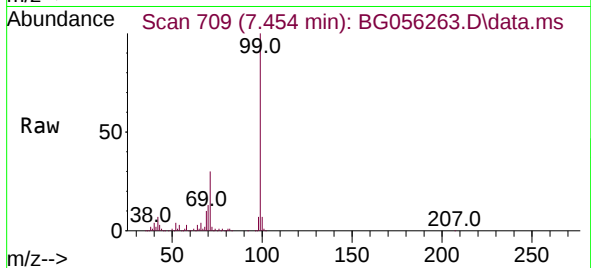




#7
Phenol-d6
Concen: 121.752 ng
RT: 7.454 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

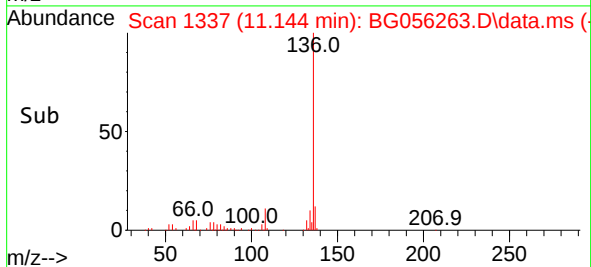
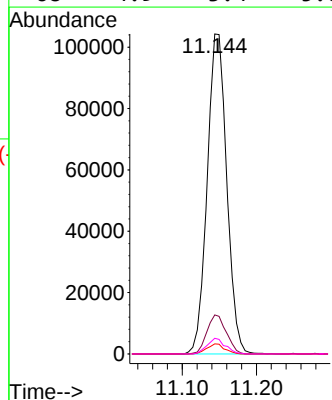
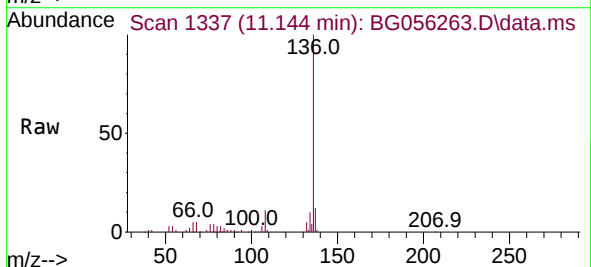
Instrument :
BNA_G
ClientSampleId :
PB150172BL

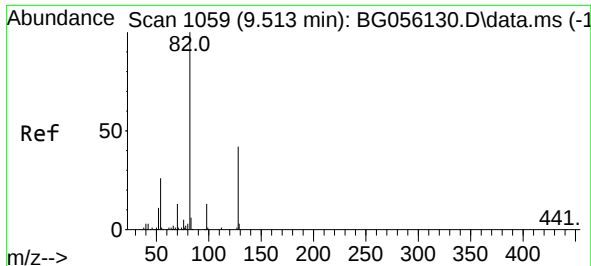
Tgt Ion: 99 Resp: 559536
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 30.4 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.144 min Scan# 1337
Delta R.T. -0.005 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

Tgt Ion: 136 Resp: 190996
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.0
54 3.1 2.2 3.2
68 4.9 3.4 5.0

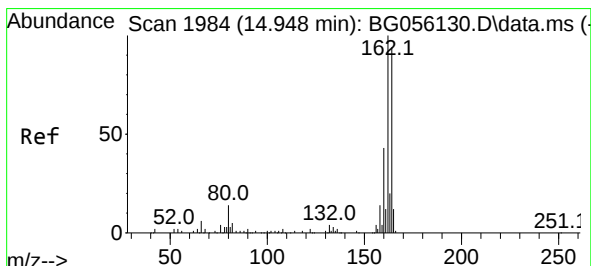
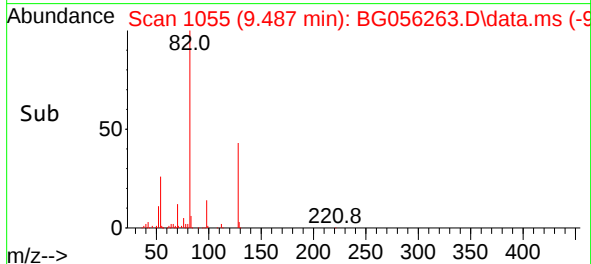
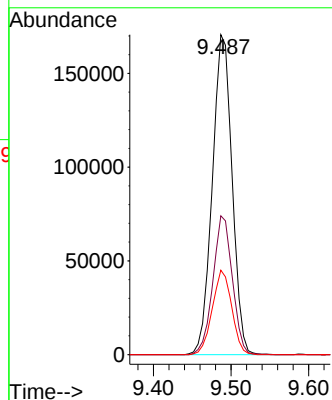
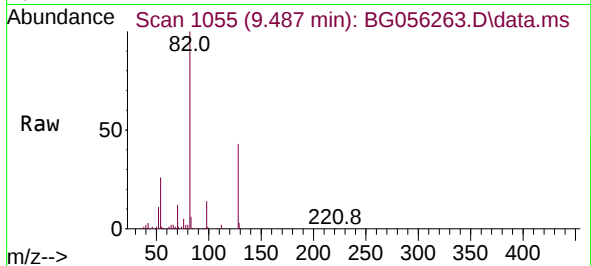




#23
Nitrobenzene-d5
Concen: 80.917 ng
RT: 9.487 min Scan# 1055
Delta R.T. -0.005 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

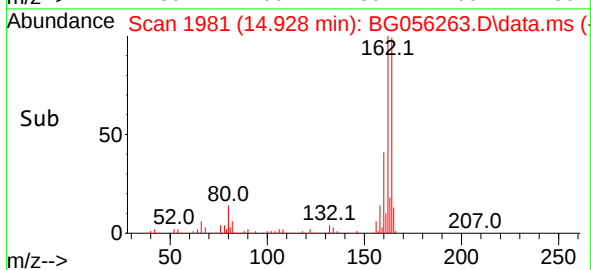
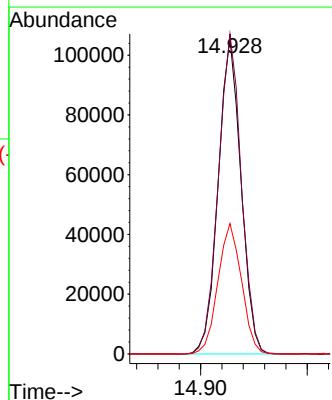
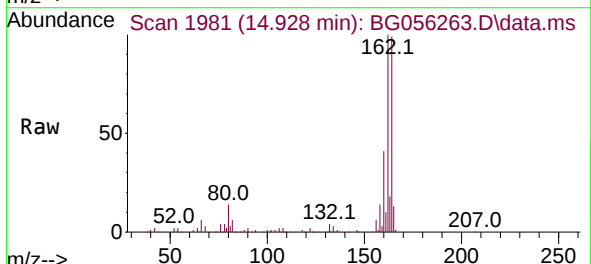
Instrument :
BNA_G
ClientSampleId :
PB150172BL

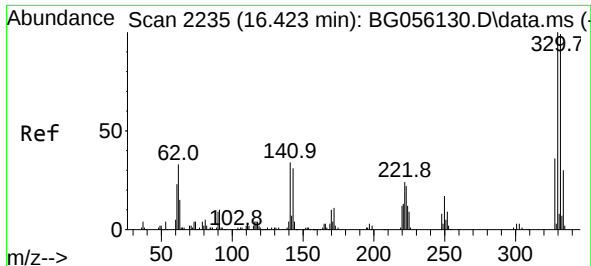
Tgt Ion: 82 Resp: 302137
Ion Ratio Lower Upper
82 100
128 43.4 33.4 50.2
54 26.4 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.928 min Scan# 1981
Delta R.T. 0.001 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

Tgt Ion: 164 Resp: 156628
Ion Ratio Lower Upper
164 100
162 101.4 84.7 127.1
160 41.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 123.916 ng

RT: 16.408 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056263.D

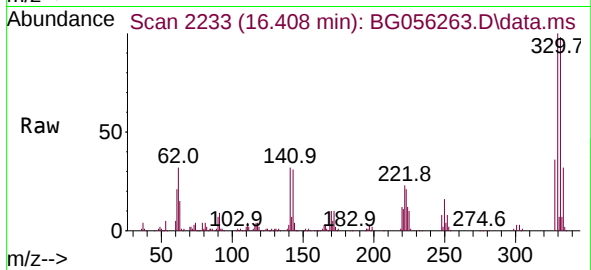
Acq: 12 Jan 2023 10:55

Instrument :

BNA_G

ClientSampleId :

PB150172BL



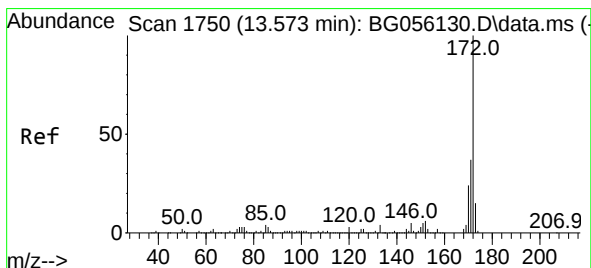
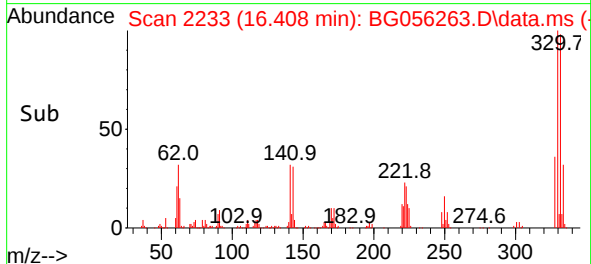
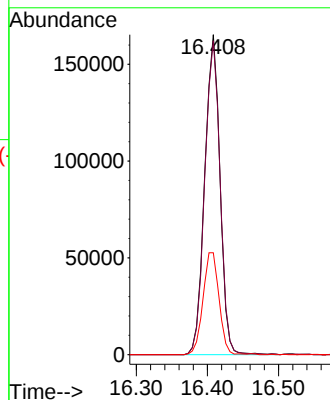
Tgt Ion:330 Resp: 245809

Ion Ratio Lower Upper

330 100

332 98.7 77.3 115.9

141 33.3 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 82.604 ng

RT: 13.553 min Scan# 1747

Delta R.T. -0.005 min

Lab File: BG056263.D

Acq: 12 Jan 2023 10:55

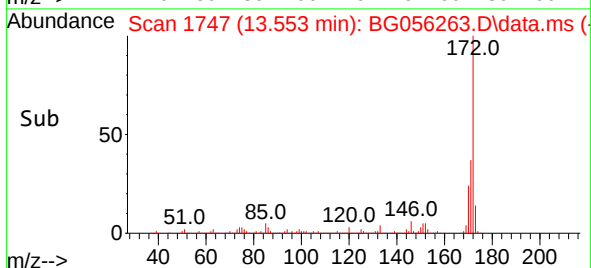
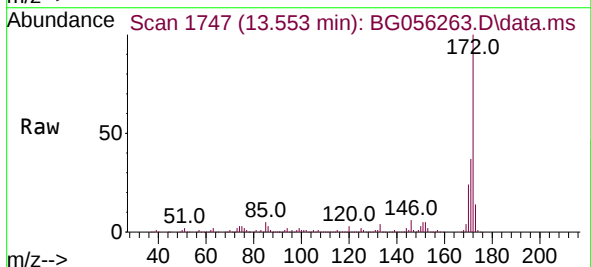
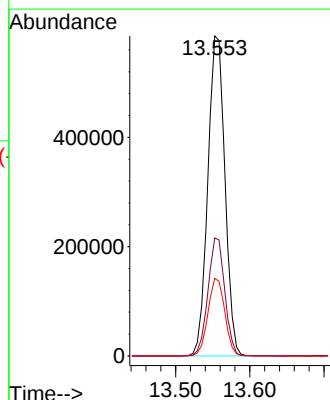
Tgt Ion:172 Resp: 936934

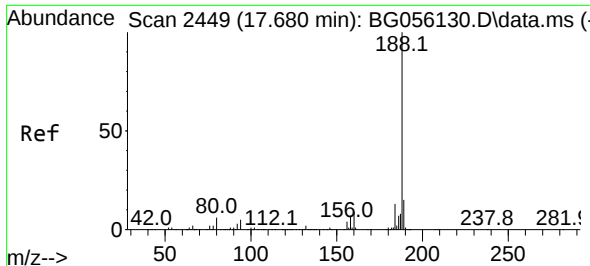
Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

170 24.2 19.4 29.2

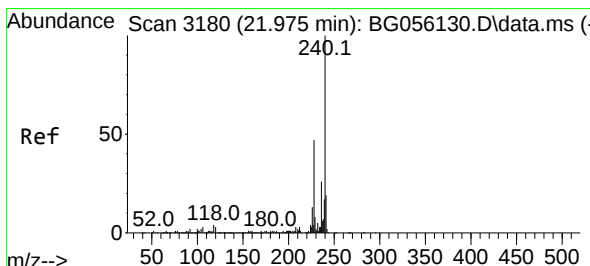
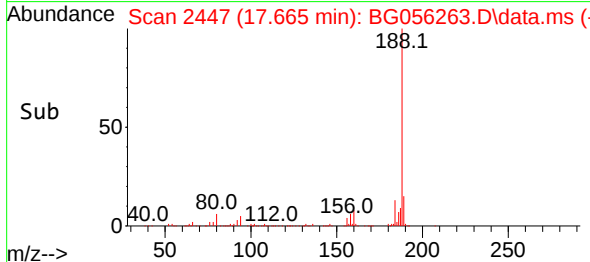
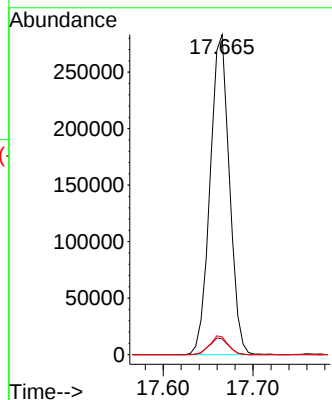
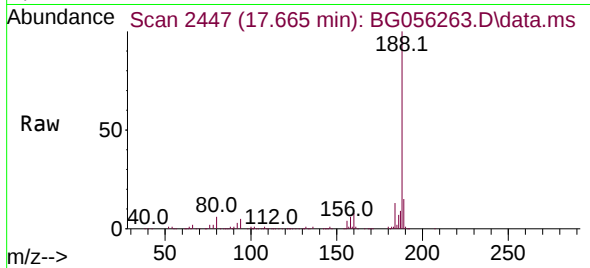




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.665 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

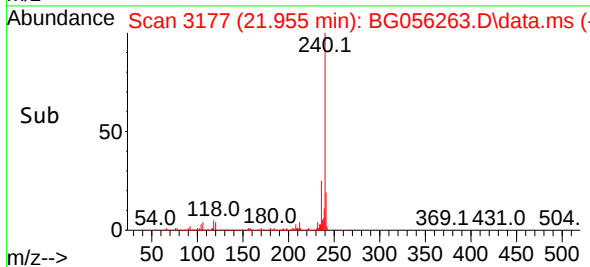
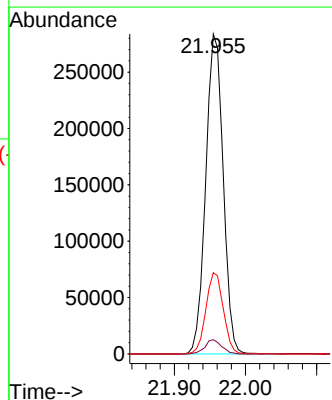
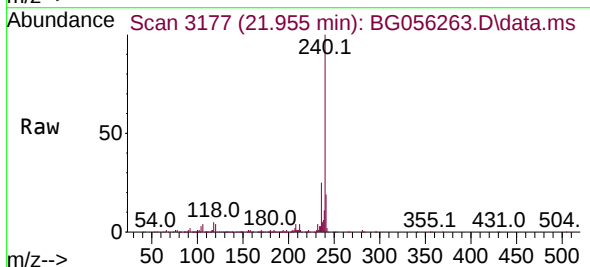
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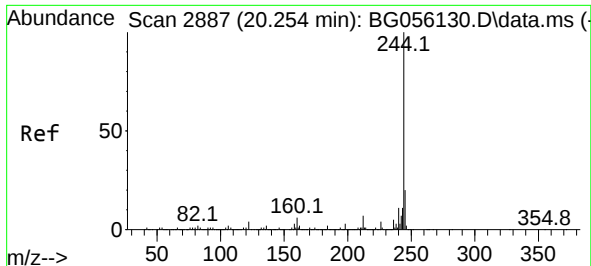
Tgt Ion:188 Resp: 424996
Ion Ratio Lower Upper
188 100
94 4.9 4.2 6.2
80 5.5 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.955 min Scan# 3177
Delta R.T. -0.005 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

Tgt Ion:240 Resp: 482198
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.4 20.8 31.2

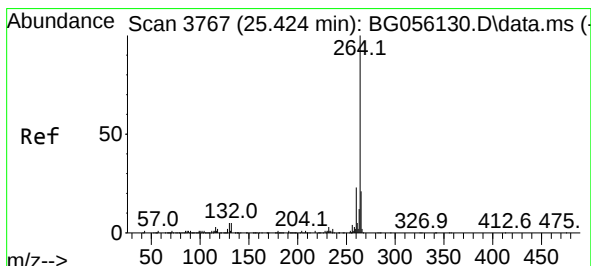
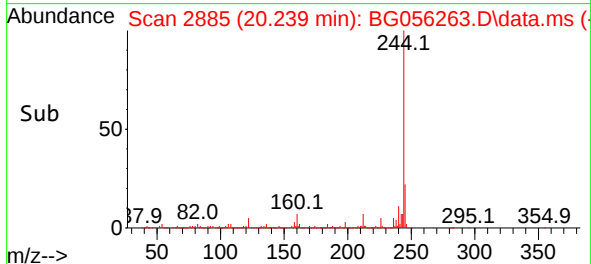
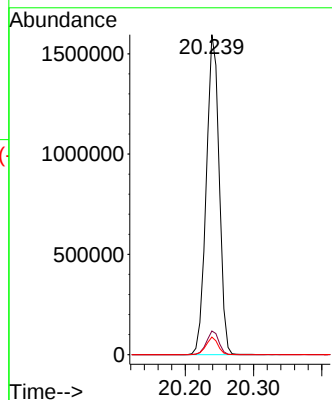
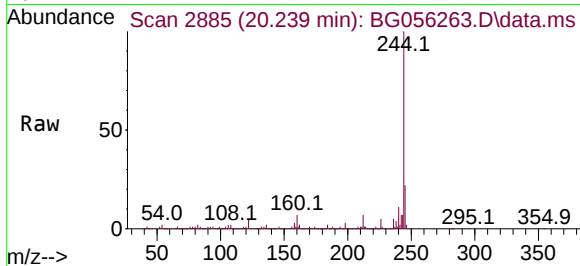




#79
 Terphenyl-d14
 Concen: 77.625 ng
 RT: 20.239 min Scan# 2885
 Delta R.T. 0.001 min
 Lab File: BG056263.D
 Acq: 12 Jan 2023 10:55

Instrument :
 BNA_G
 ClientSampleId :
 PB150172BL

Tgt Ion:244 Resp: 2089857
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 5.5 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.403 min Scan# 3764
 Delta R.T. 0.001 min
 Lab File: BG056263.D
 Acq: 12 Jan 2023 10:55

Tgt Ion:264 Resp: 467734
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 22.3 16.7 25.1

