

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
 Data File : BG056620.D
 Acq On : 13 Feb 2023 14:34
 Operator : CG/JU
 Sample : PB150808BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150808BL

Quant Time: Feb 14 02:06:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 22:46:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.209	152	28324	20.000	ng	0.00
21) Naphthalene-d8	11.041	136	114711	20.000	ng	# 0.00
39) Acenaphthene-d10	14.836	164	95100	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	262801	20.000	ng	-0.01
76) Chrysene-d12	21.852	240	254833	20.000	ng	-0.01
86) Perylene-d12	25.224	264	270949	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.729	112	252894	164.249	ng	0.00
7) Phenol-d6	7.369	99	349691	153.284	ng	0.00
23) Nitrobenzene-d5	9.384	82	182526	90.355	ng	0.00
42) 2,4,6-Tribromophenol	16.323	330	173460	137.199	ng	0.00
45) 2-Fluorobiphenyl	13.462	172	632075	92.148	ng	0.00
79) Terphenyl-d14	20.160	244	1388399	95.691	ng	0.00

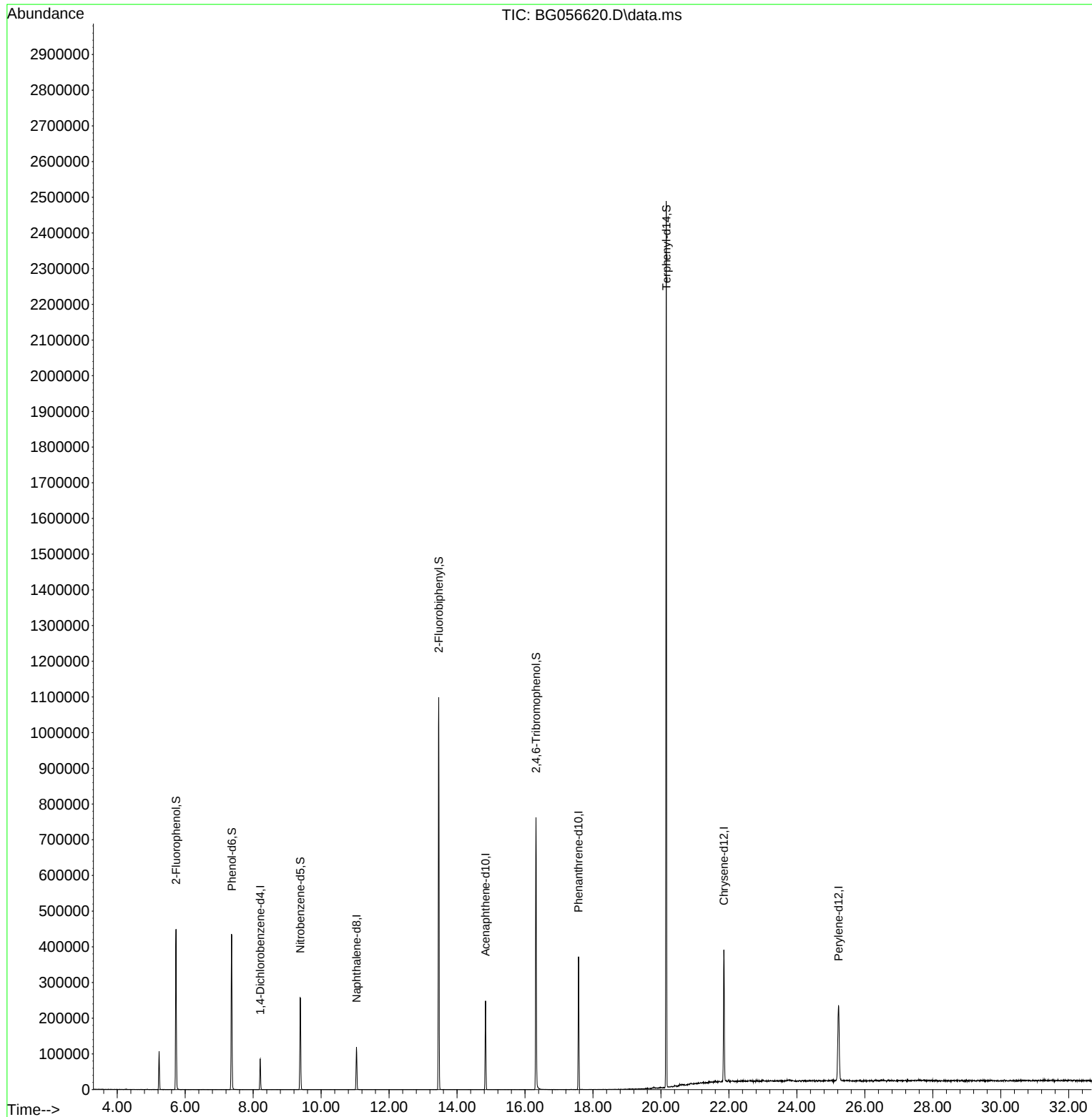
Target Compounds Qvalue

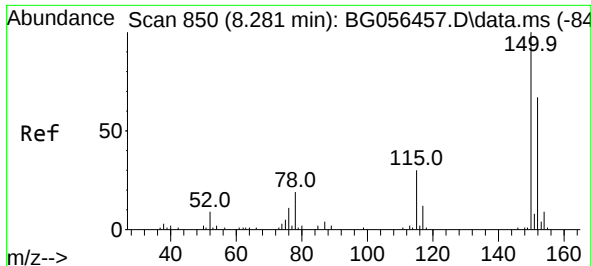
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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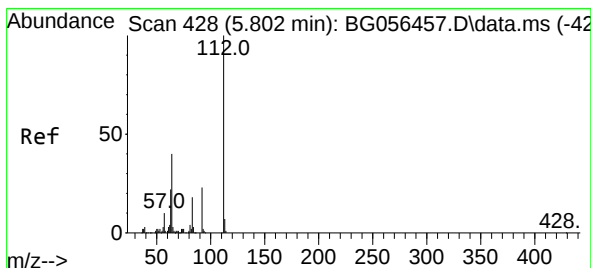
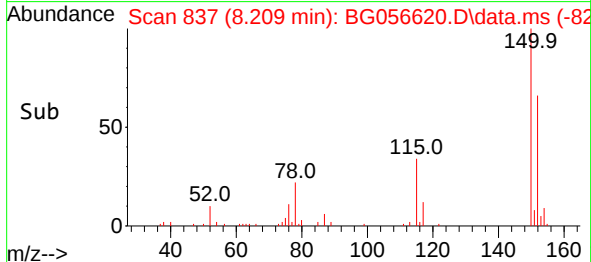
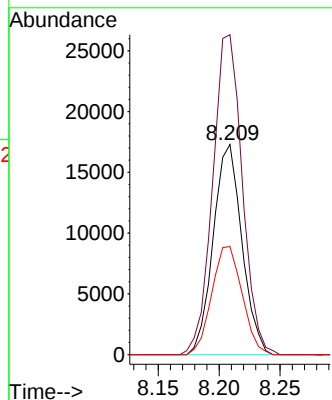
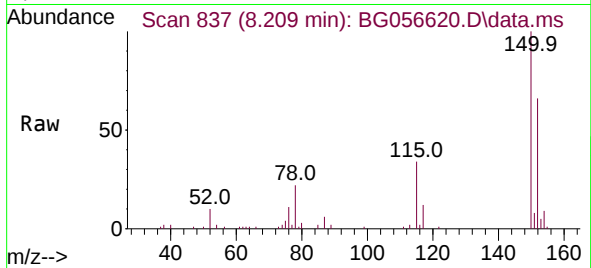




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.209 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG056620.D
Acq: 13 Feb 2023 14:34

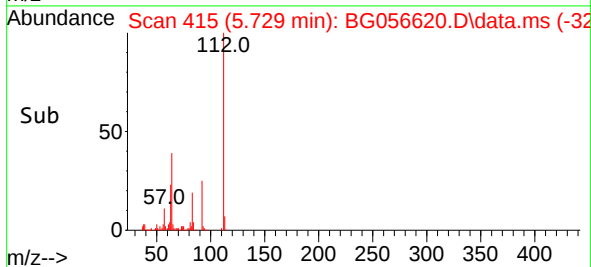
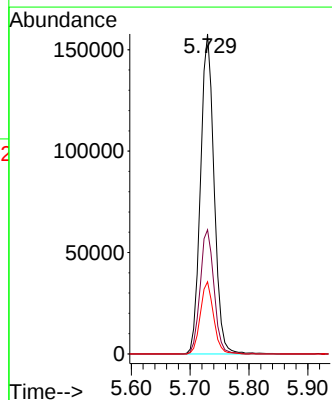
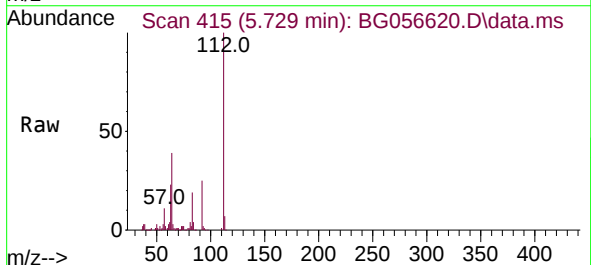
Instrument :
BNA_G
ClientSampleId :
PB150808BL

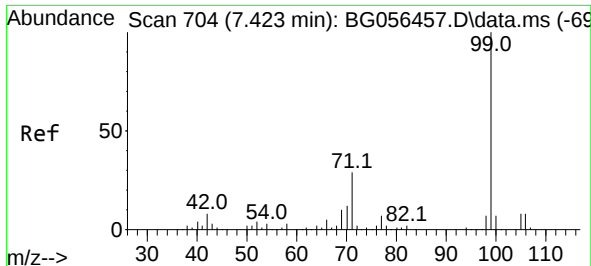
Tgt Ion:152 Resp: 28324
Ion Ratio Lower Upper
152 100
150 152.3 120.2 180.4
115 51.4 36.3 54.5



#5
2-Fluorophenol
Concen: 164.249 ng
RT: 5.729 min Scan# 415
Delta R.T. 0.002 min
Lab File: BG056620.D
Acq: 13 Feb 2023 14:34

Tgt Ion:112 Resp: 252894
Ion Ratio Lower Upper
112 100
64 38.8 31.9 47.9
63 22.6 17.4 26.0

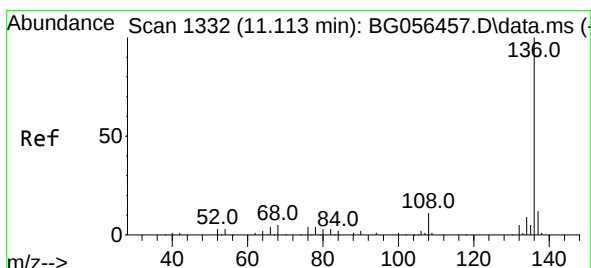
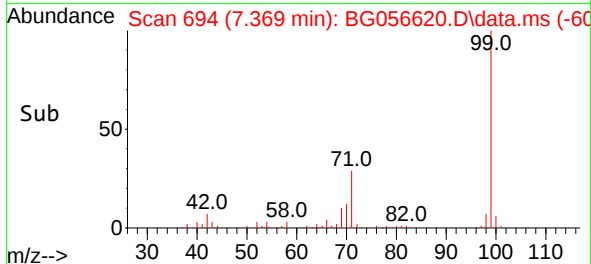
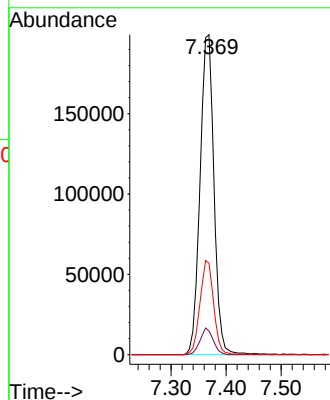
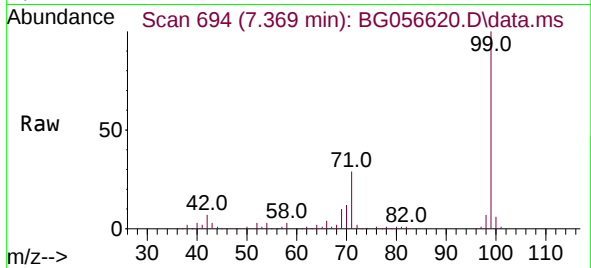




#7
Phenol-d6
Concen: 153.284 ng
RT: 7.369 min Scan# 69
Delta R.T. 0.002 min
Lab File: BG056620.D
Acq: 13 Feb 2023 14:34

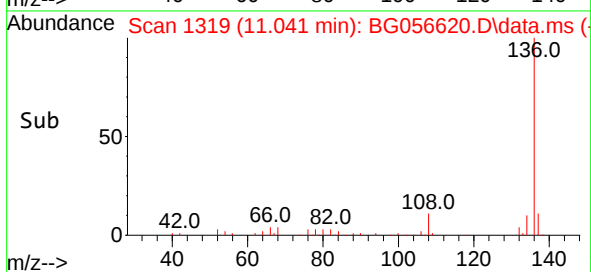
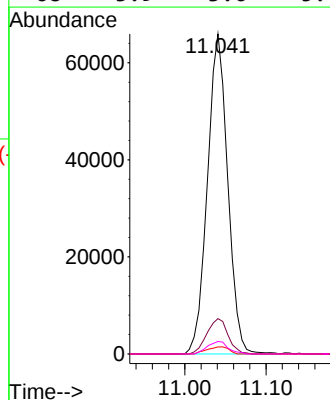
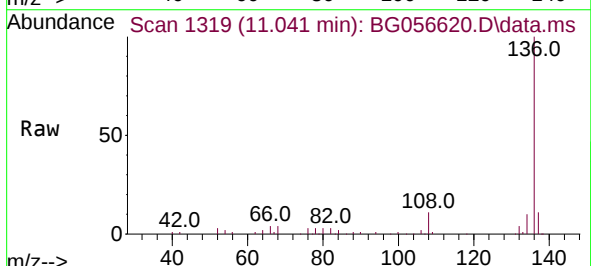
Instrument :
BNA_G
ClientSampleId :
PB150808BL

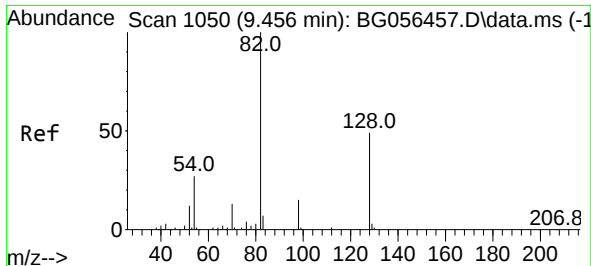
Tgt Ion: 99 Resp: 349691
Ion Ratio Lower Upper
99 100
42 7.4 6.6 10.0
71 28.6 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.041 min Scan# 1319
Delta R.T. -0.004 min
Lab File: BG056620.D
Acq: 13 Feb 2023 14:34

Tgt Ion: 136 Resp: 114711
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 2.2 2.2 3.4#
68 3.9 3.6 5.4





#23

Nitrobenzene-d5

Concen: 90.355 ng

RT: 9.384 min Scan# 10

Delta R.T. -0.004 min

Lab File: BG056620.D

Acq: 13 Feb 2023 14:34

Instrument :

BNA_G

ClientSampleId :

PB150808BL

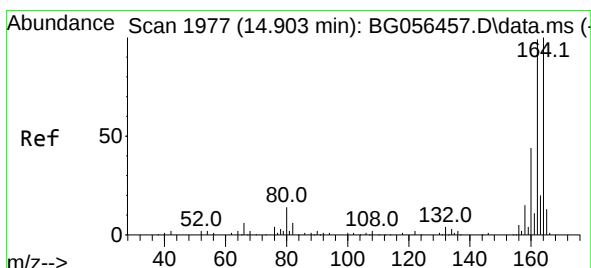
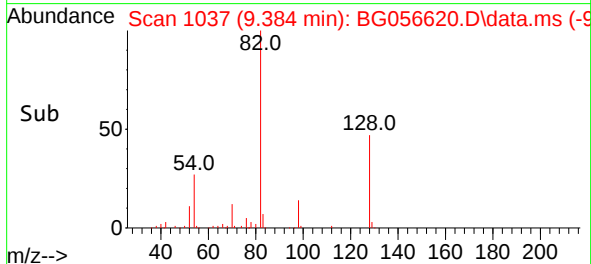
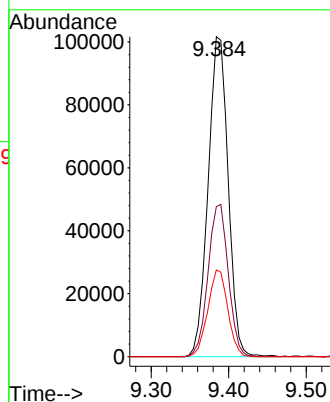
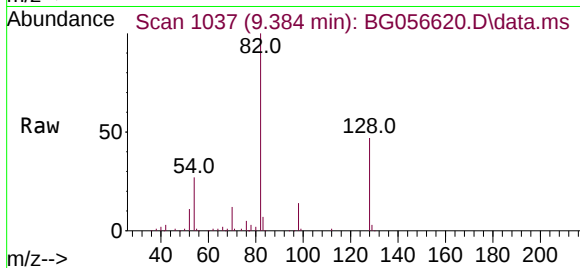
Tgt Ion: 82 Resp: 182526

Ion Ratio Lower Upper

82 100

128 46.9 39.4 59.2

54 27.1 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.836 min Scan# 1965

Delta R.T. -0.004 min

Lab File: BG056620.D

Acq: 13 Feb 2023 14:34

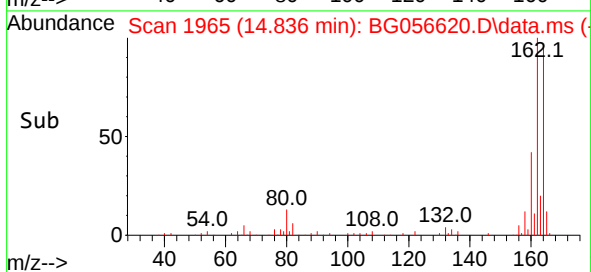
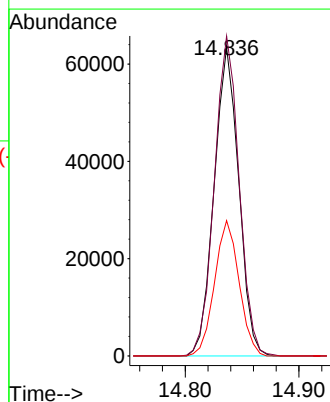
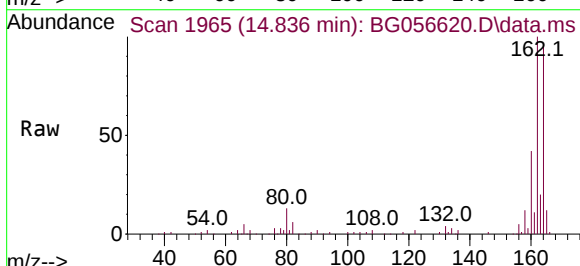
Tgt Ion:164 Resp: 95100

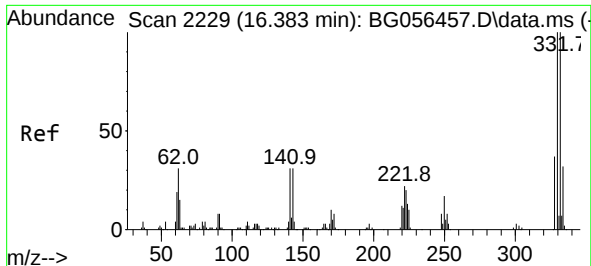
Ion Ratio Lower Upper

164 100

162 103.7 79.6 119.4

160 43.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 137.199 ng

RT: 16.323 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG056620.D

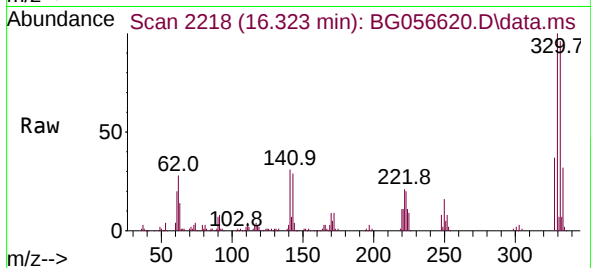
Acq: 13 Feb 2023 14:34

Instrument :

BNA_G

ClientSampleId :

PB150808BL



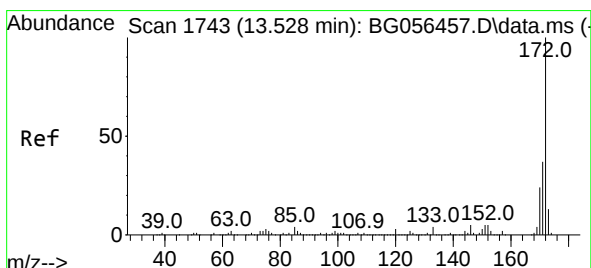
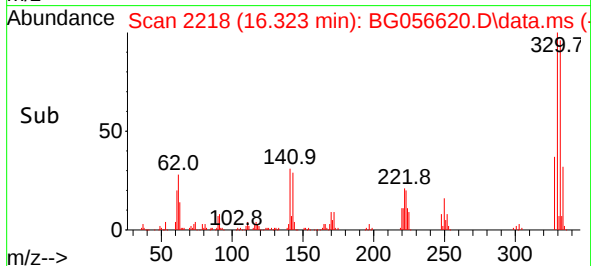
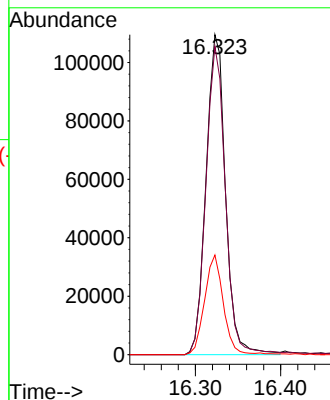
Tgt Ion:330 Resp: 173460

Ion Ratio Lower Upper

330 100

332 97.4 79.0 118.6

141 30.3 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 92.148 ng

RT: 13.462 min Scan# 1731

Delta R.T. -0.004 min

Lab File: BG056620.D

Acq: 13 Feb 2023 14:34

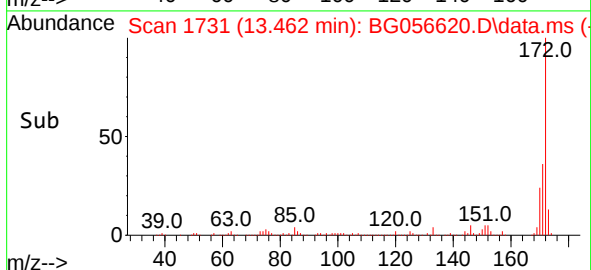
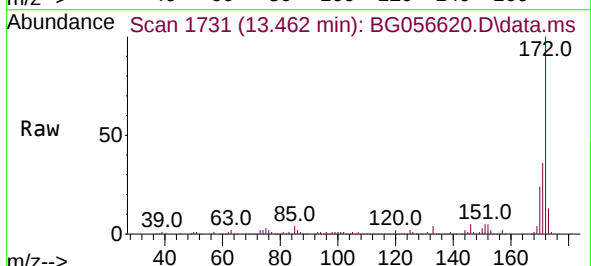
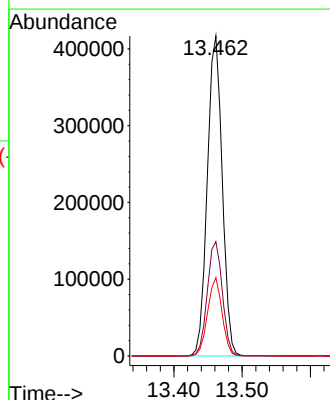
Tgt Ion:172 Resp: 632075

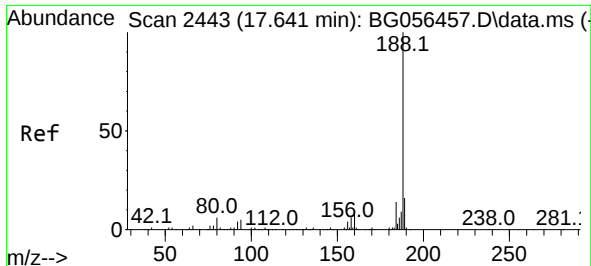
Ion Ratio Lower Upper

172 100

171 35.7 29.5 44.3

170 24.4 19.2 28.8

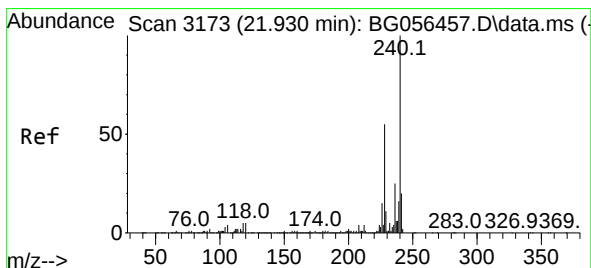
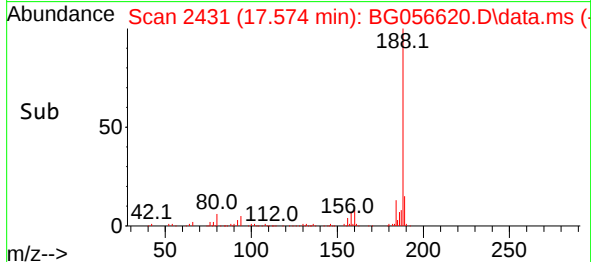
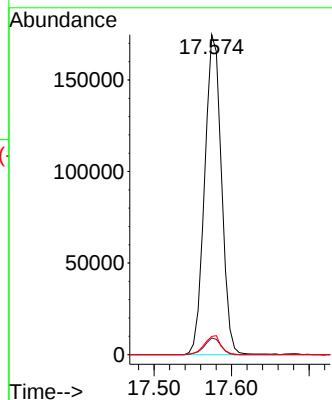
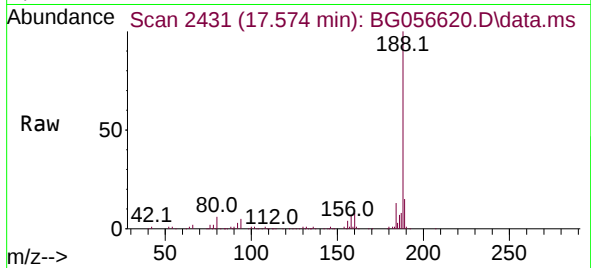




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.574 min Scan# 2443
Delta R.T. -0.010 min
Lab File: BG056620.D
Acq: 13 Feb 2023 14:34

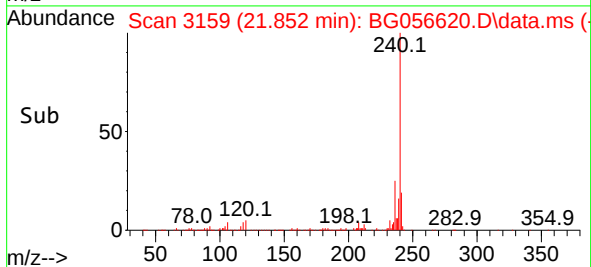
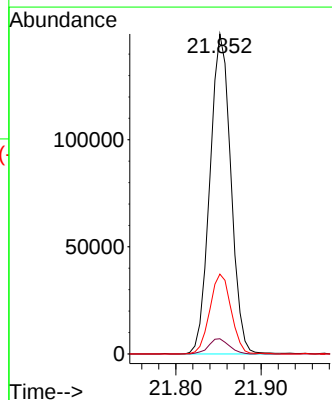
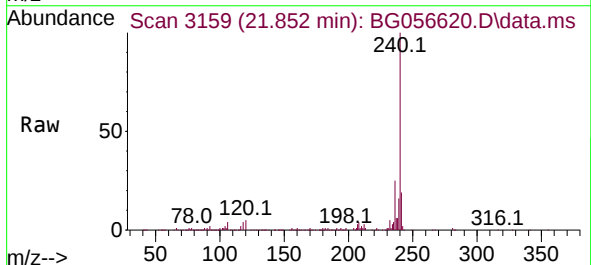
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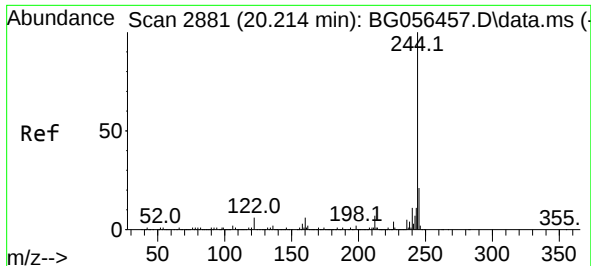
Tgt Ion:188 Resp: 262801
Ion Ratio Lower Upper
188 100
94 5.2 4.1 6.1
80 5.7 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.852 min Scan# 3159
Delta R.T. -0.010 min
Lab File: BG056620.D
Acq: 13 Feb 2023 14:34

Tgt Ion:240 Resp: 254833
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.8
236 25.0 20.2 30.2

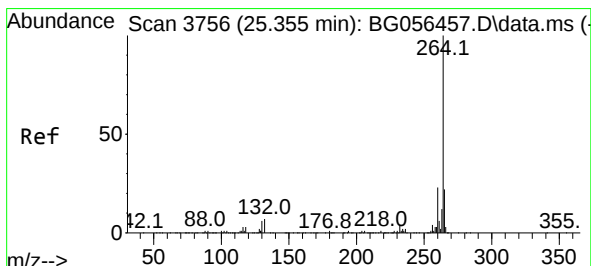
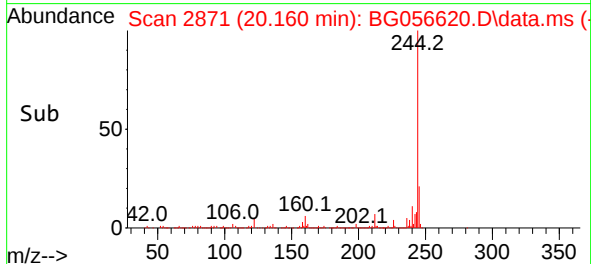
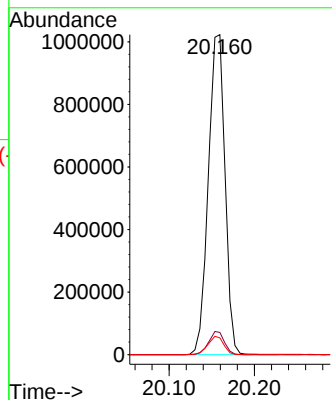
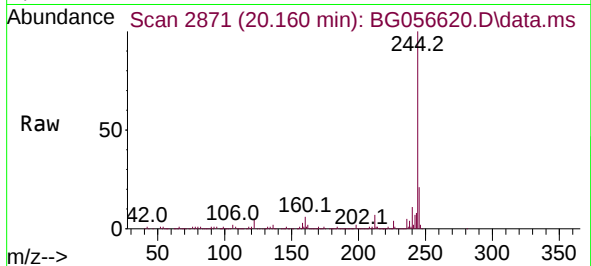




#79
 Terphenyl-d14
 Concen: 95.691 ng
 RT: 20.160 min Scan# 2881
 Delta R.T. 0.002 min
 Lab File: BG056620.D
 Acq: 13 Feb 2023 14:34

Instrument :
 BNA_G
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 PB150808BL

Tgt Ion:244 Resp: 1388399
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.2 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.224 min Scan# 3733
 Delta R.T. -0.010 min
 Lab File: BG056620.D
 Acq: 13 Feb 2023 14:34

Tgt Ion:264 Resp: 270949
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.2 27.4
 265 22.8 18.1 27.1

