

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091922\
 Data File : BG054977.D
 Acq On : 19 Sep 2022 18:26
 Operator : CG/JU
 Sample : PB147633BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147633BL

Quant Time: Sep 20 08:06:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	31291	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	121212	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	86203	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	219458	20.000	ng	0.00
76) Chrysene-d12	21.725	240	258242	20.000	ng	0.00
86) Perylene-d12	25.028	264	267926	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.597	112	239967	150.056	ng	0.00
7) Phenol-d6	7.225	99	314729	146.829	ng	0.00
23) Nitrobenzene-d5	9.234	82	182371	87.207	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	149207	147.749	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	493071	90.144	ng	0.00
79) Terphenyl-d14	20.051	244	1112447	90.111	ng	0.00

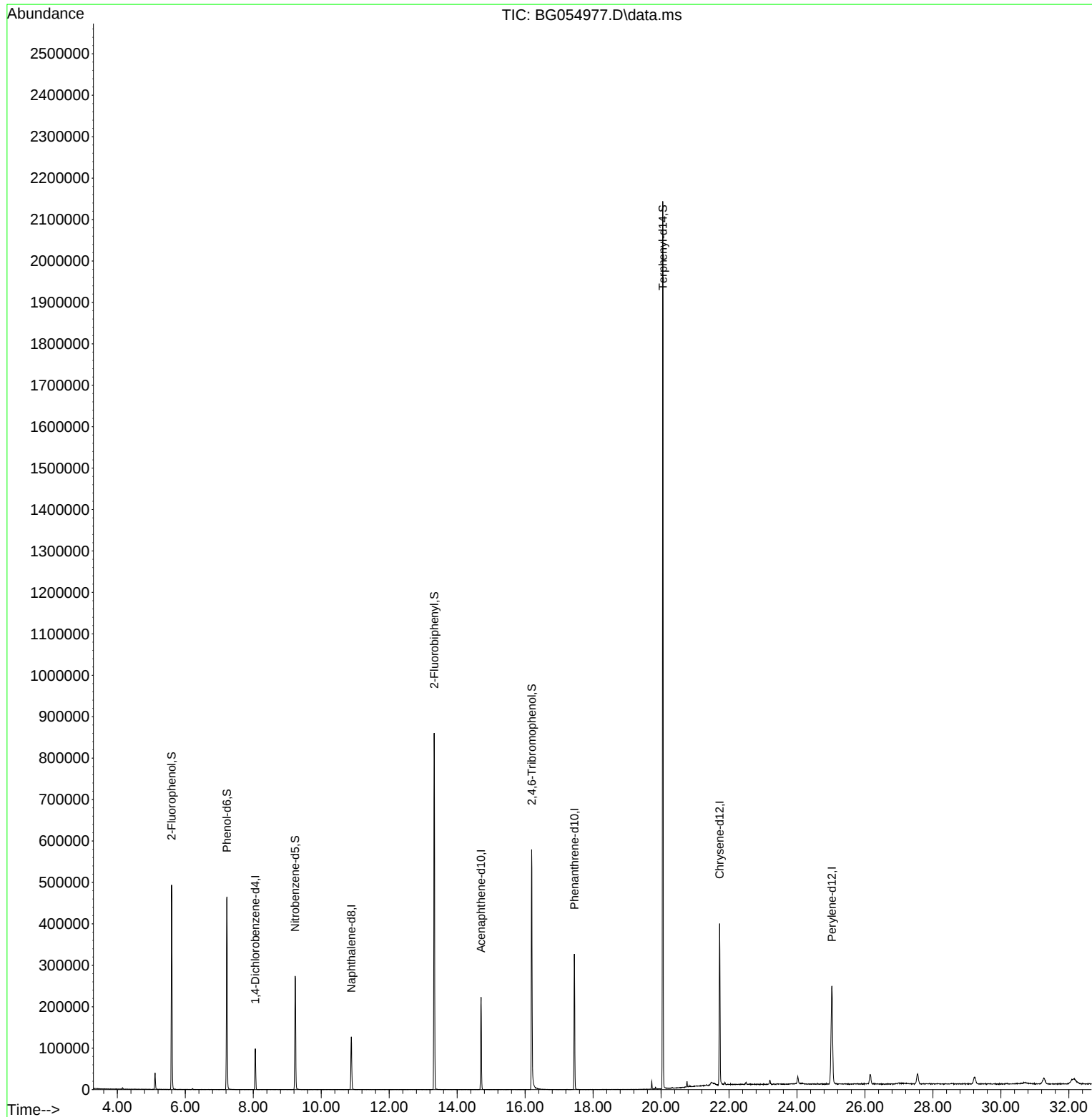
Target Compounds Qvalue

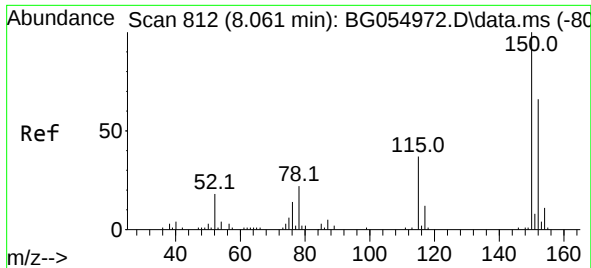
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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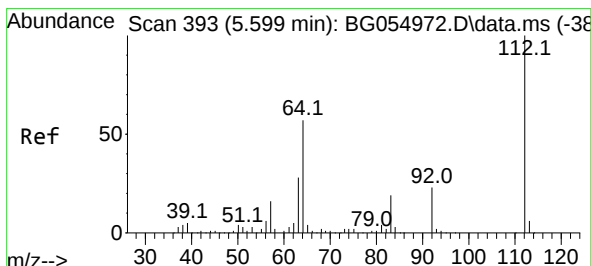
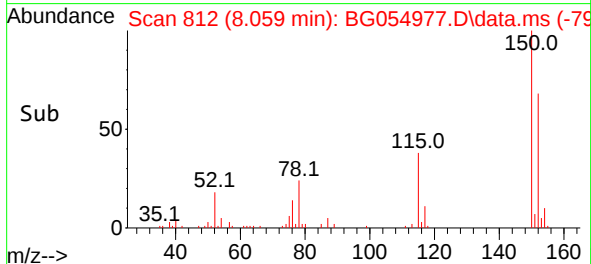
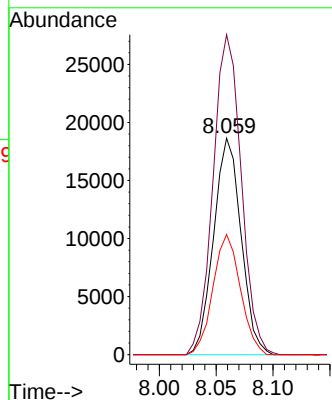
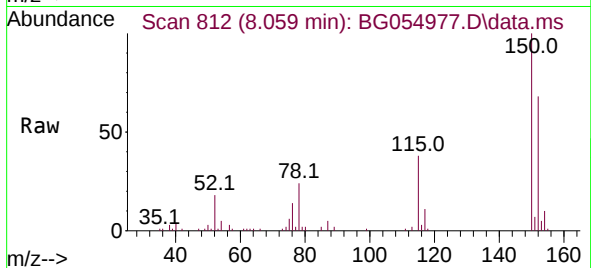




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG054977.D
Acq: 19 Sep 2022 18:26

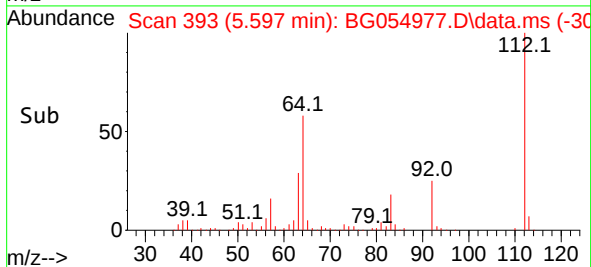
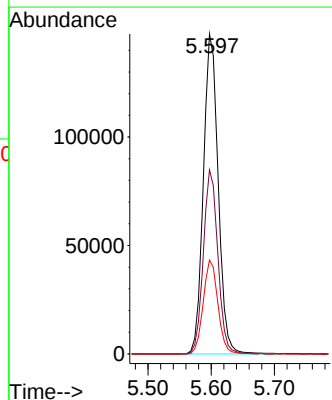
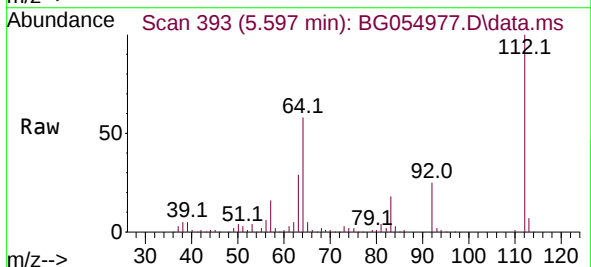
Instrument :
BNA_G
ClientSampleId :
PB147633BL

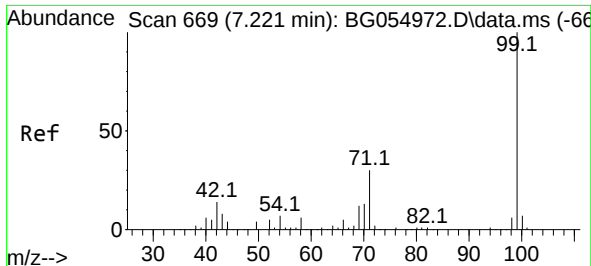
Tgt Ion:152 Resp: 31291
Ion Ratio Lower Upper
152 100
150 147.8 125.2 187.8
115 55.5 47.9 71.9



#5
2-Fluorophenol
Concen: 150.056 ng
RT: 5.597 min Scan# 393
Delta R.T. -0.002 min
Lab File: BG054977.D
Acq: 19 Sep 2022 18:26

Tgt Ion:112 Resp: 239967
Ion Ratio Lower Upper
112 100
64 57.5 49.3 73.9
63 29.3 26.3 39.5

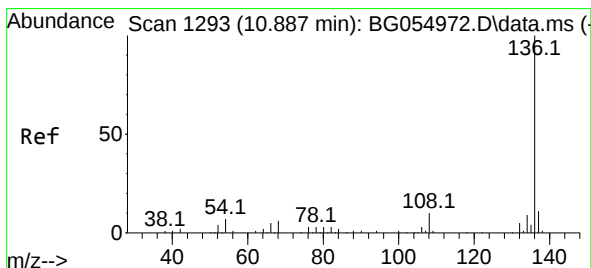
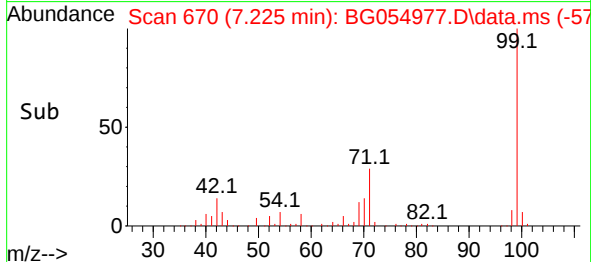
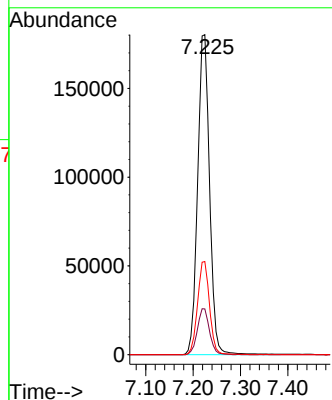
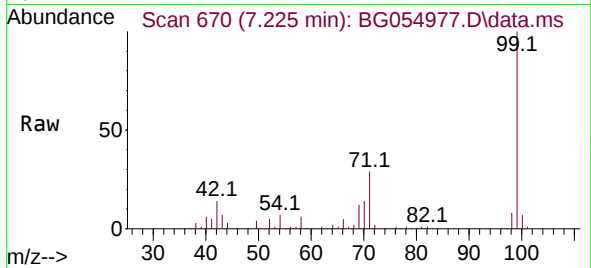




#7
Phenol-d6
Concen: 146.829 ng
RT: 7.225 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG054977.D
Acq: 19 Sep 2022 18:26

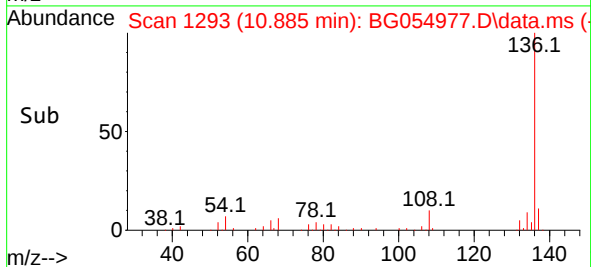
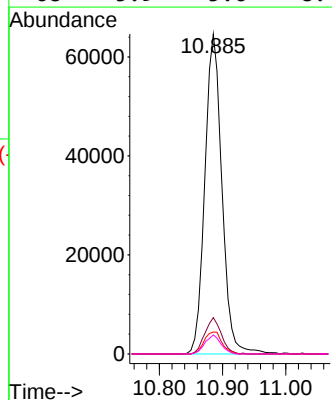
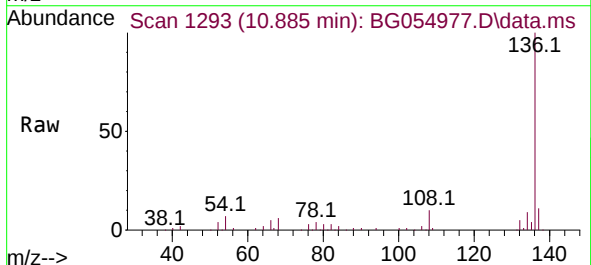
Instrument :
BNA_G
ClientSampleId :
PB147633BL

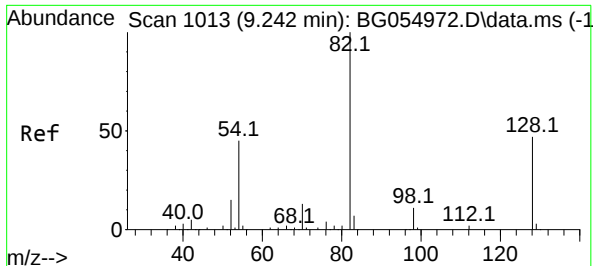
Tgt Ion: 99 Resp: 314729
Ion Ratio Lower Upper
99 100
42 14.3 14.6 22.0#
71 29.1 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1293
Delta R.T. -0.002 min
Lab File: BG054977.D
Acq: 19 Sep 2022 18:26

Tgt Ion: 136 Resp: 121212
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 6.8 7.7 11.5#
68 5.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 87.207 ng

RT: 9.234 min Scan# 1013

Delta R.T. -0.007 min

Lab File: BG054977.D

Acq: 19 Sep 2022 18:26

Instrument :

BNA_G

ClientSampleId :

PB147633BL

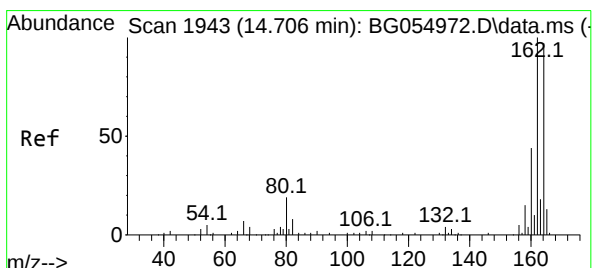
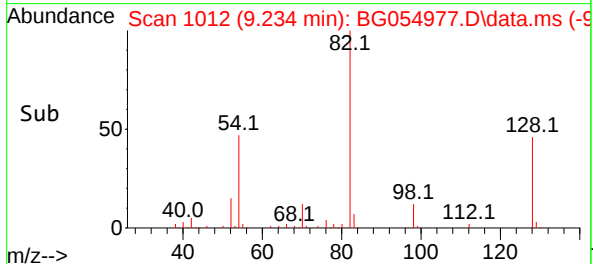
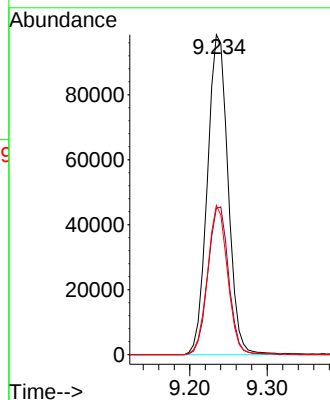
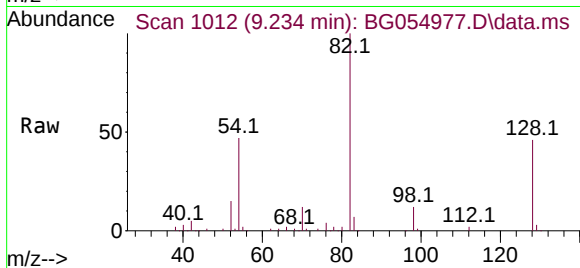
Tgt Ion: 82 Resp: 182371

Ion Ratio Lower Upper

82 100

128 45.8 32.2 48.2

54 46.6 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1943

Delta R.T. -0.002 min

Lab File: BG054977.D

Acq: 19 Sep 2022 18:26

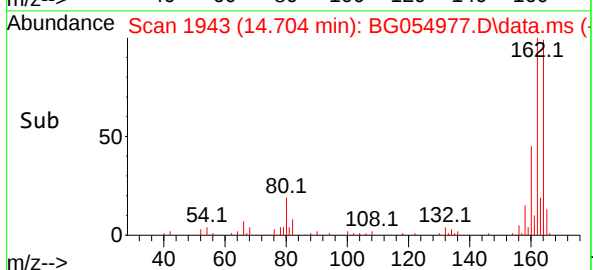
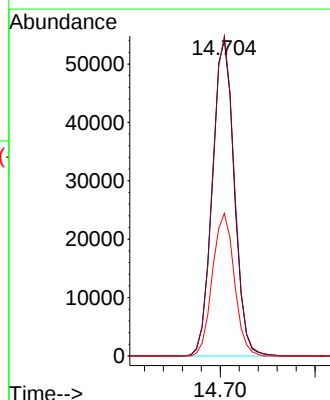
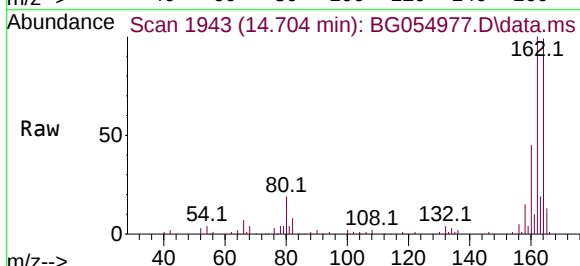
Tgt Ion:164 Resp: 86203

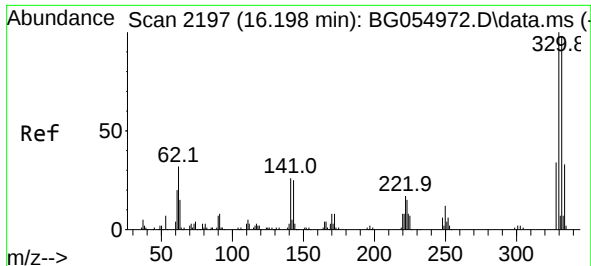
Ion Ratio Lower Upper

164 100

162 101.5 83.0 124.4

160 45.2 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 147.749 ng

RT: 16.191 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG054977.D

Acq: 19 Sep 2022 18:26

Instrument :

BNA_G

ClientSampleId :

PB147633BL

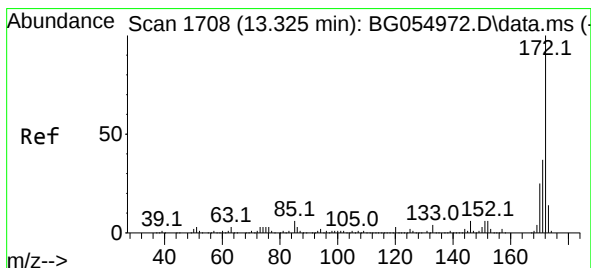
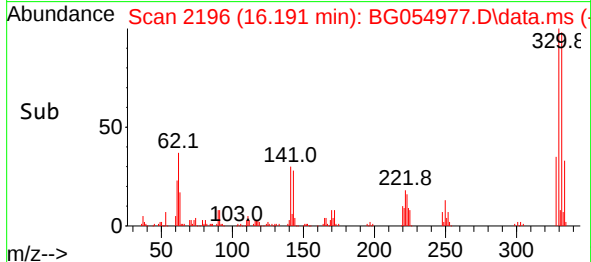
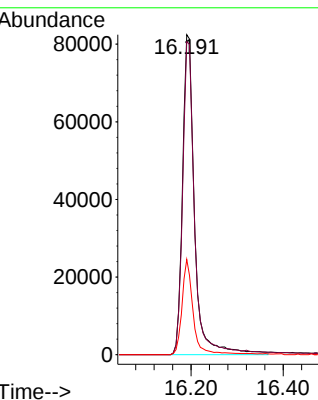
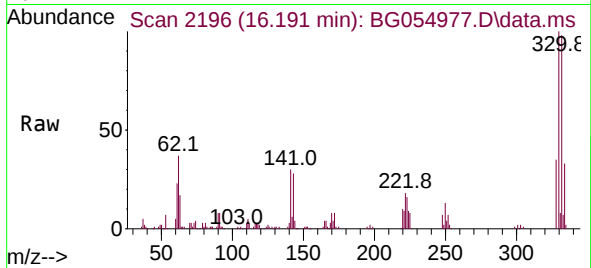
Tgt Ion:330 Resp: 149207

Ion Ratio Lower Upper

330 100

332 97.8 79.8 119.6

141 27.2 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 90.144 ng

RT: 13.324 min Scan# 1708

Delta R.T. -0.002 min

Lab File: BG054977.D

Acq: 19 Sep 2022 18:26

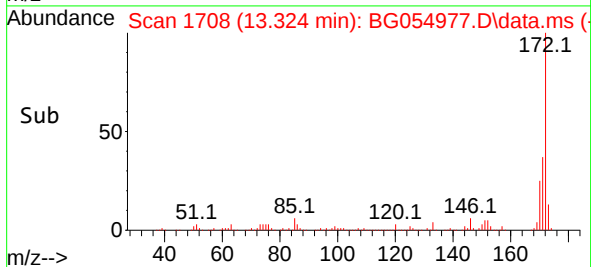
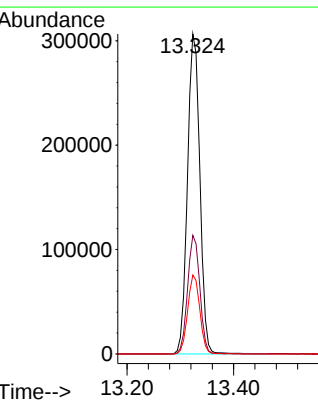
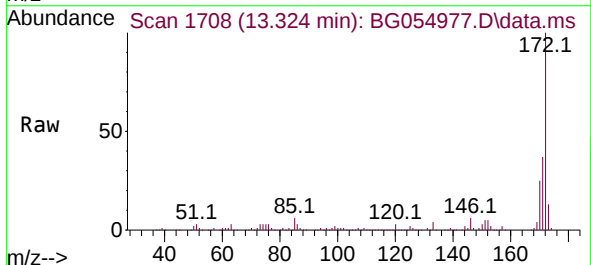
Tgt Ion:172 Resp: 493071

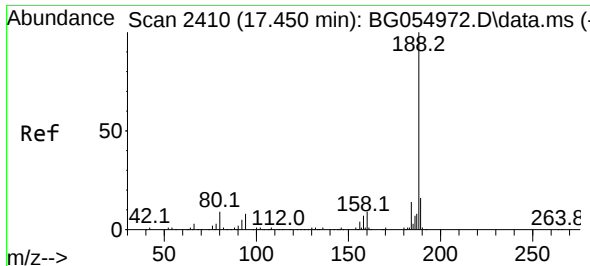
Ion Ratio Lower Upper

172 100

171 37.0 31.2 46.8

170 24.6 20.6 30.8

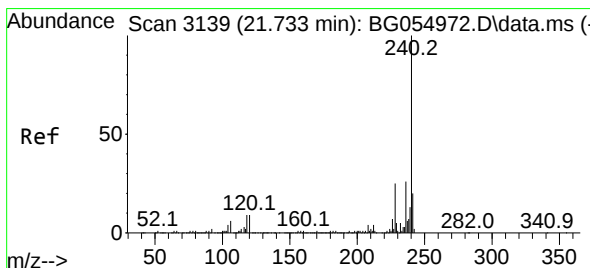
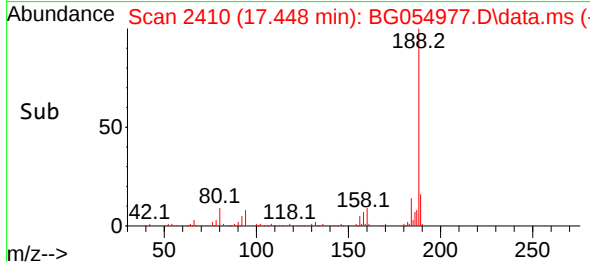
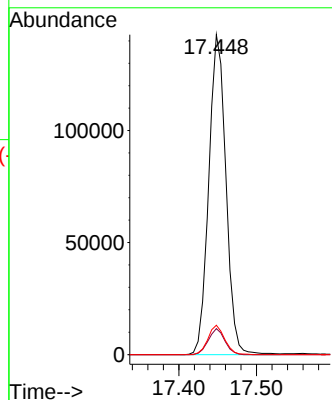
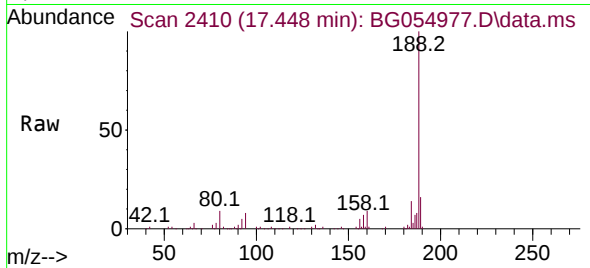




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG054977.D
Acq: 19 Sep 2022 18:26

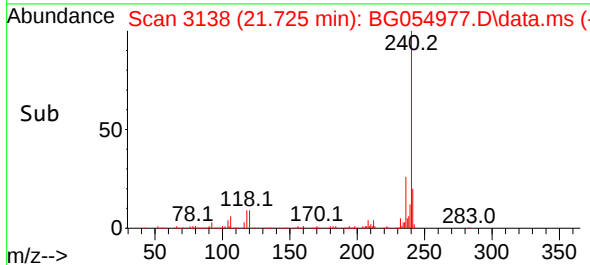
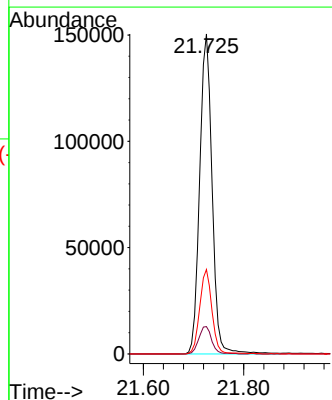
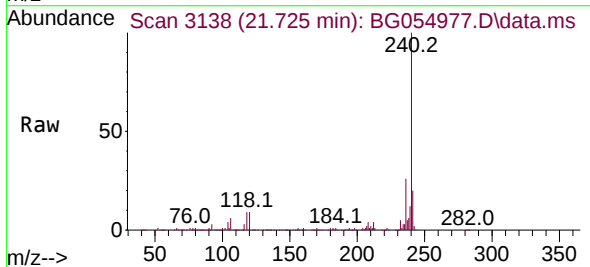
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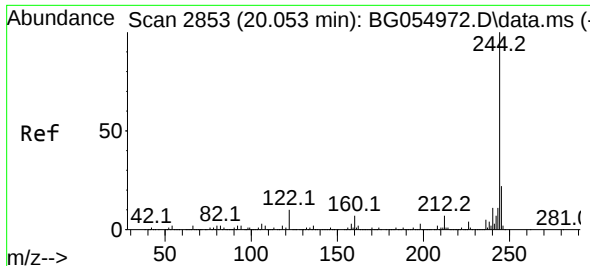
Tgt Ion:188 Resp: 219458
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3138
Delta R.T. -0.007 min
Lab File: BG054977.D
Acq: 19 Sep 2022 18:26

Tgt Ion:240 Resp: 258242
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.4
236 26.4 21.2 31.8





#79

Terphenyl-d14

Concen: 90.111 ng

RT: 20.051 min Scan# 2853

Delta R.T. -0.002 min

Lab File: BG054977.D

Acq: 19 Sep 2022 18:26

Instrument :

BNA_G

ClientSampleId :

PB147633BL

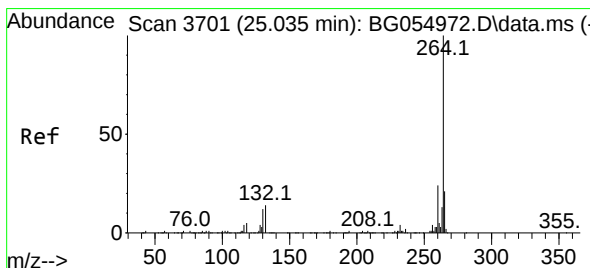
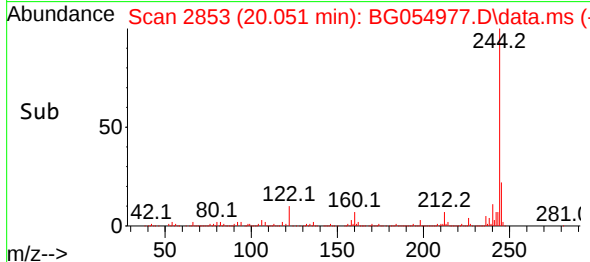
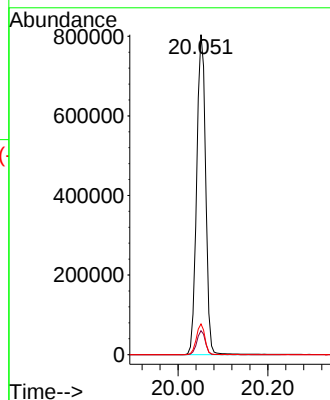
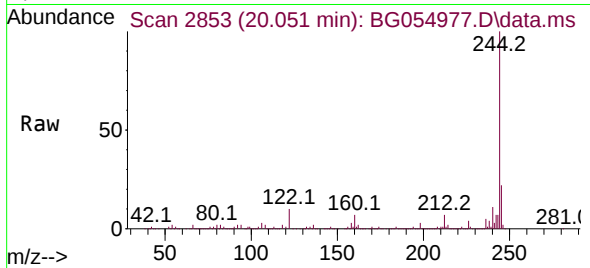
Tgt Ion:244 Resp: 1112447

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 9.6 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.028 min Scan# 3700

Delta R.T. -0.007 min

Lab File: BG054977.D

Acq: 19 Sep 2022 18:26

Tgt Ion:264 Resp: 267926

Ion Ratio Lower Upper

264 100

260 23.9 19.9 29.9

265 21.4 16.9 25.3

