

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG055004.D
 Acq On : 21 Sep 2022 22:10
 Operator : CG/JU
 Sample : N4724-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-30-COMP

Quant Time: Sep 22 04:45:30 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	34515	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	136487	20.000	ng	# 0.00
39) Acenaphthene-d10	14.698	164	95465	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	233374	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	241032	20.000	ng	-0.01
86) Perylene-d12	25.021	264	251485	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.597	112	279748	158.591	ng	0.00
7) Phenol-d6	7.219	99	361984	153.100	ng	0.00
23) Nitrobenzene-d5	9.234	82	206959	87.889	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	169488	151.549	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	564619	93.210	ng	0.00
79) Terphenyl-d14	20.051	244	1081291	93.841	ng	0.00

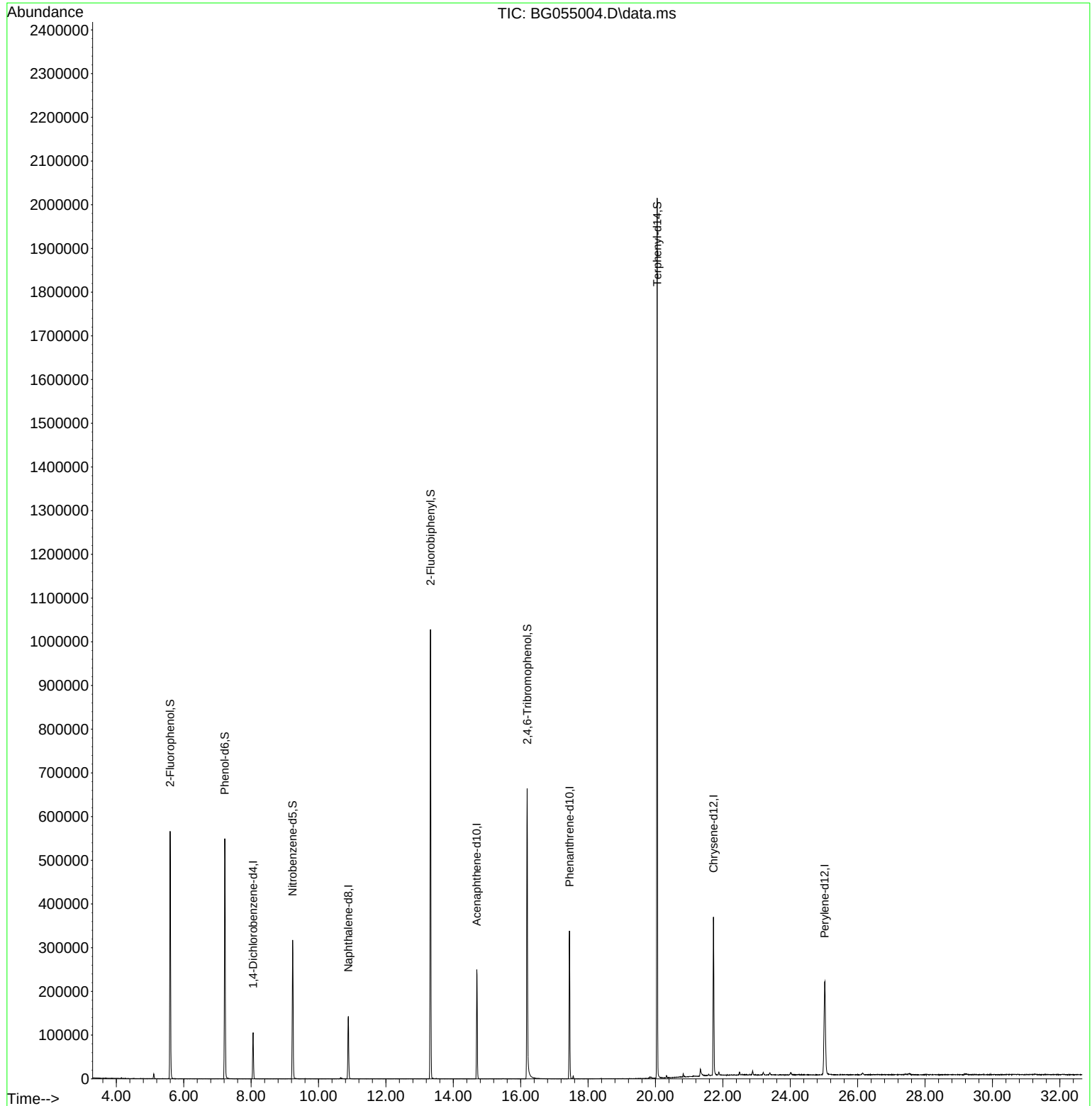
Target Compounds Qvalue

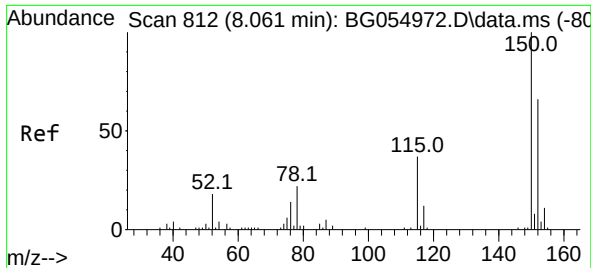
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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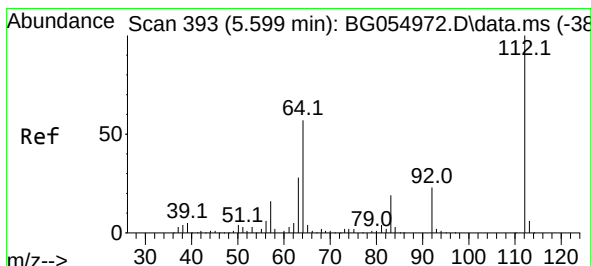
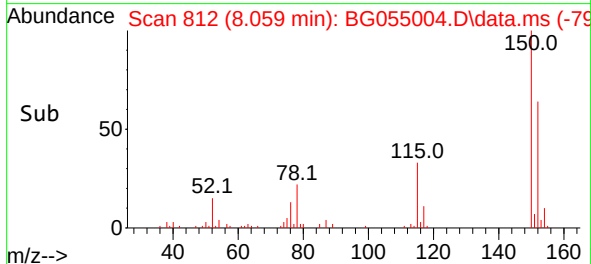
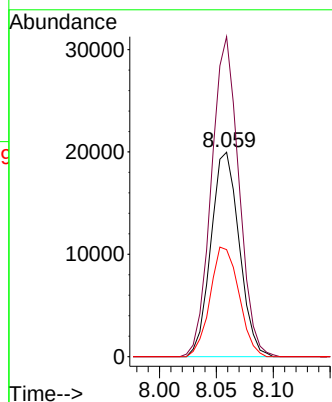
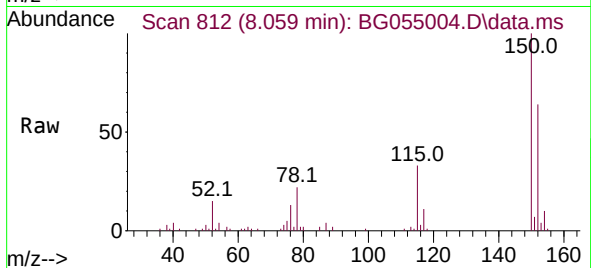




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG055004.D
Acq: 21 Sep 2022 22:10

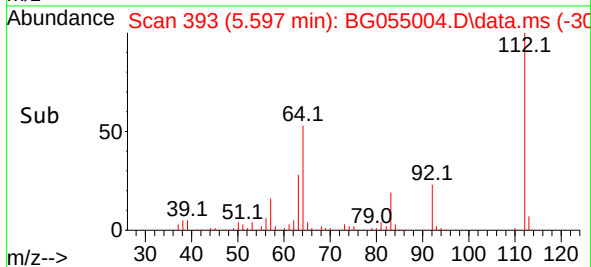
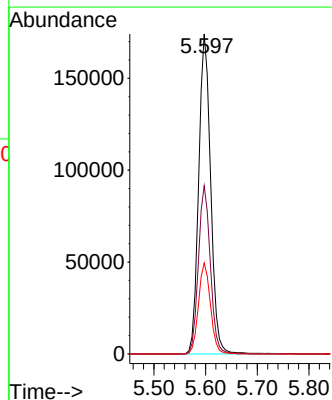
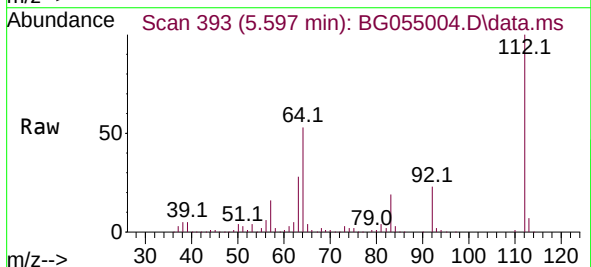
Instrument :
BNA_G
ClientSampleId :
SB-30-COMP

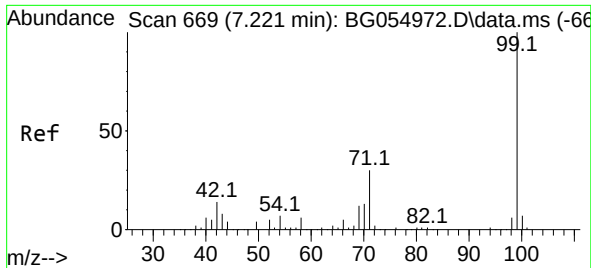
Tgt Ion:152 Resp: 34515
Ion Ratio Lower Upper
152 100
150 156.6 125.2 187.8
115 52.4 47.9 71.9



#5
2-Fluorophenol
Concen: 158.591 ng
RT: 5.597 min Scan# 393
Delta R.T. -0.002 min
Lab File: BG055004.D
Acq: 21 Sep 2022 22:10

Tgt Ion:112 Resp: 279748
Ion Ratio Lower Upper
112 100
64 52.5 49.3 73.9
63 28.4 26.3 39.5

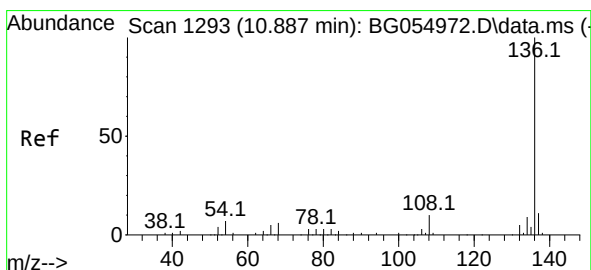
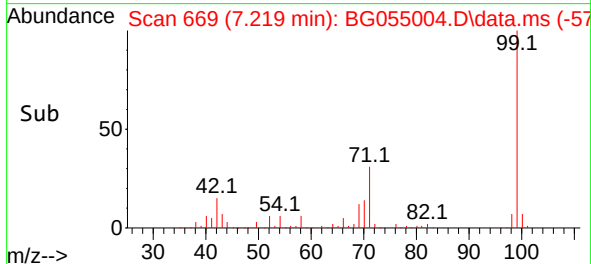
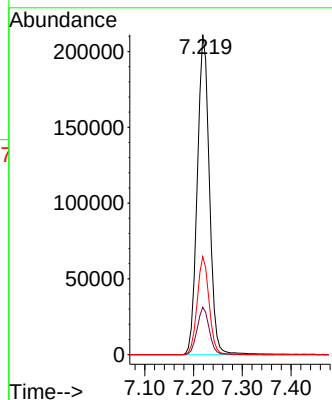
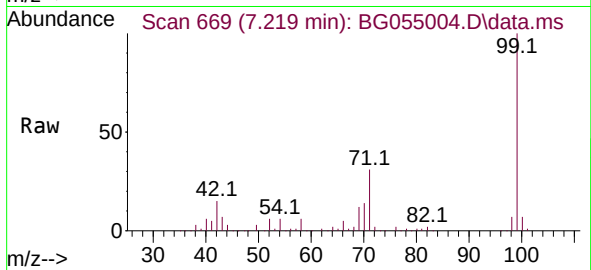




#7
Phenol-d6
Concen: 153.100 ng
RT: 7.219 min Scan# 669
Delta R.T. -0.002 min
Lab File: BG055004.D
Acq: 21 Sep 2022 22:10

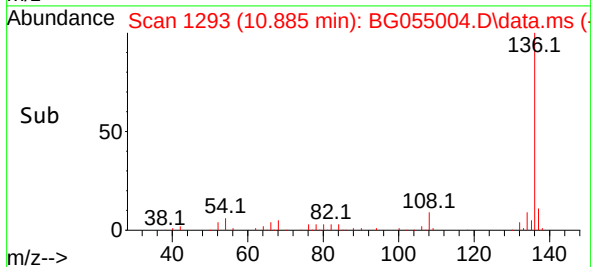
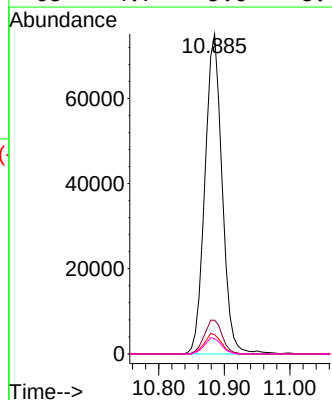
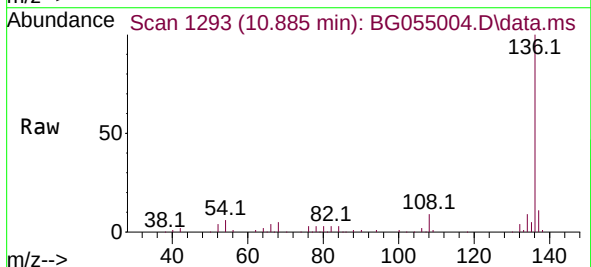
Instrument :
BNA_G
ClientSampleId :
SB-30-COMP

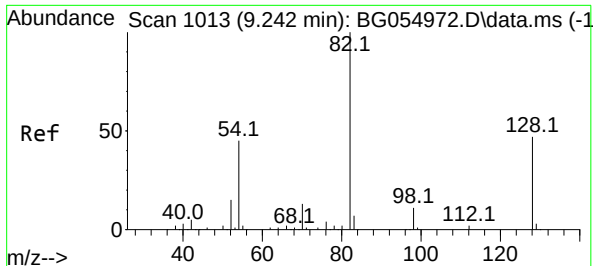
Tgt Ion: 99 Resp: 361984
Ion Ratio Lower Upper
99 100
42 14.8 14.6 22.0
71 30.6 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1293
Delta R.T. -0.002 min
Lab File: BG055004.D
Acq: 21 Sep 2022 22:10

Tgt Ion: 136 Resp: 136487
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 6.0 7.7 11.5#
68 4.7 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 87.889 ng

RT: 9.234 min Scan# 1013

Delta R.T. -0.008 min

Lab File: BG055004.D

Acq: 21 Sep 2022 22:10

Instrument :

BNA_G

ClientSampleId :

SB-30-COMP

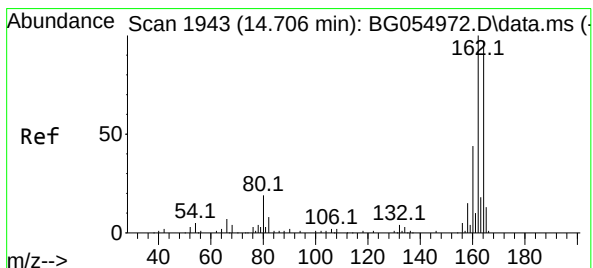
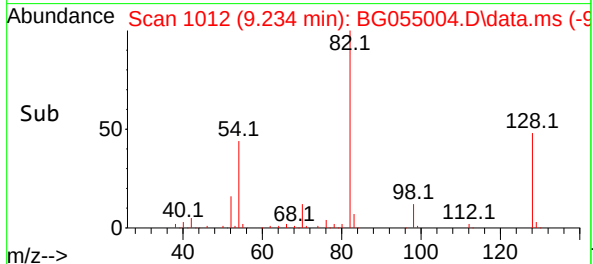
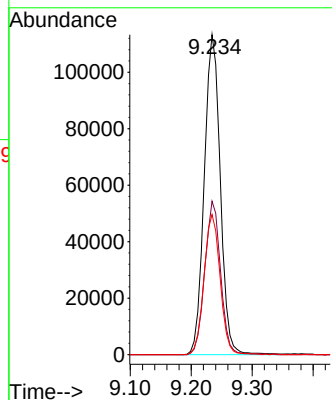
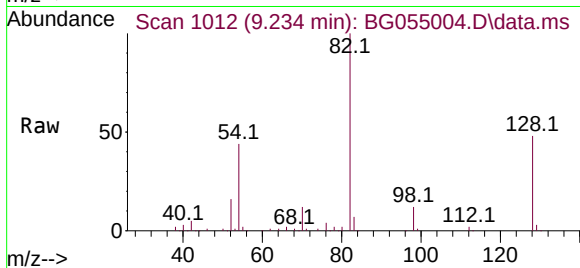
Tgt Ion: 82 Resp: 206959

Ion Ratio Lower Upper

82 100

128 47.9 32.2 48.2

54 43.8 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.698 min Scan# 1942

Delta R.T. -0.008 min

Lab File: BG055004.D

Acq: 21 Sep 2022 22:10

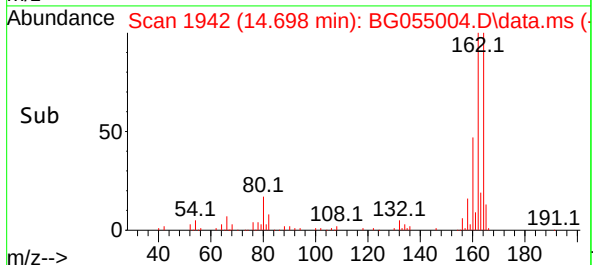
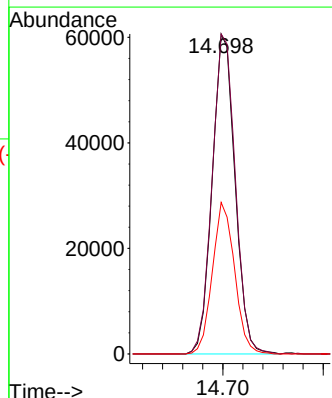
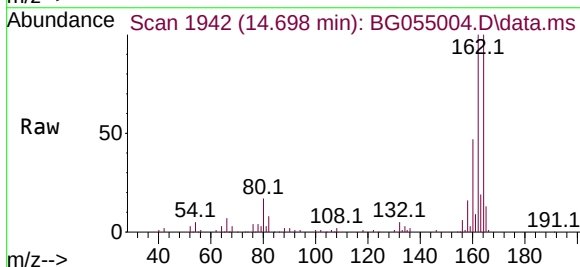
Tgt Ion:164 Resp: 95465

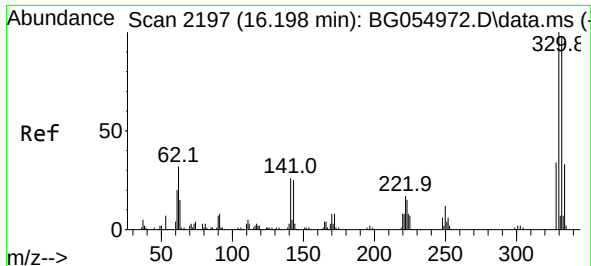
Ion Ratio Lower Upper

164 100

162 100.1 83.0 124.4

160 47.3 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 151.549 ng

RT: 16.191 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG055004.D

Acq: 21 Sep 2022 22:10

Instrument :

BNA_G

ClientSampleId :

SB-30-COMP

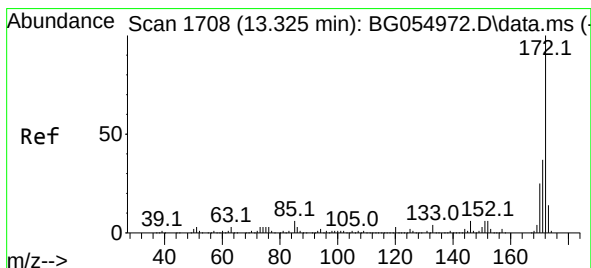
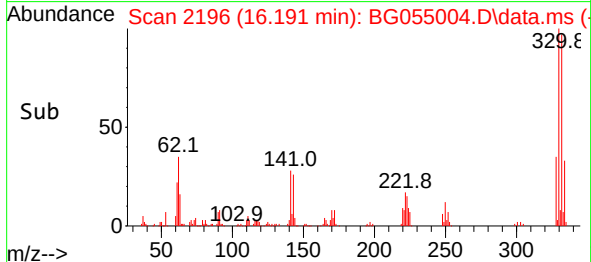
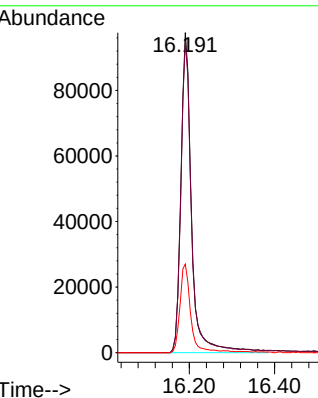
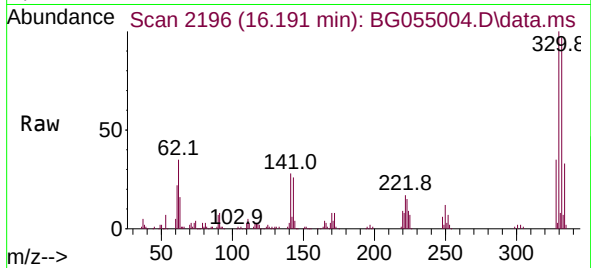
Tgt Ion:330 Resp: 169488

Ion Ratio Lower Upper

330 100

332 95.9 79.8 119.6

141 27.3 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 93.210 ng

RT: 13.323 min Scan# 1708

Delta R.T. -0.002 min

Lab File: BG055004.D

Acq: 21 Sep 2022 22:10

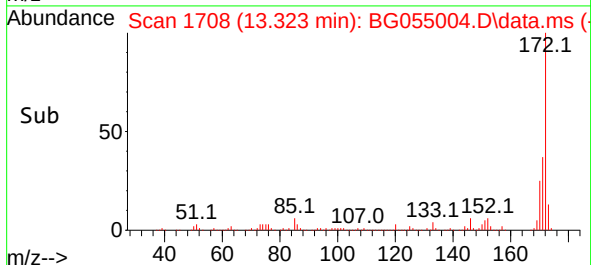
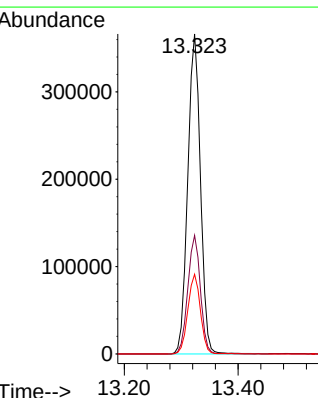
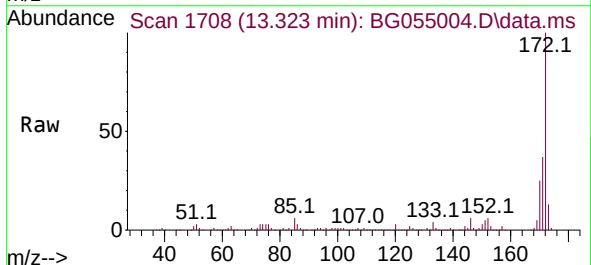
Tgt Ion:172 Resp: 564619

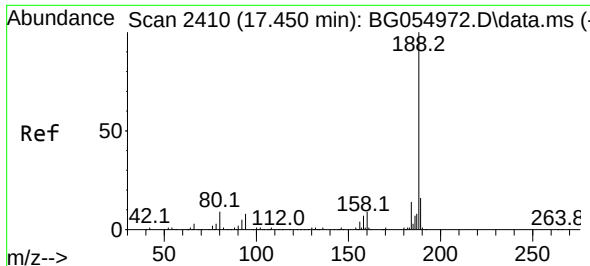
Ion Ratio Lower Upper

172 100

171 37.0 31.2 46.8

170 24.9 20.6 30.8

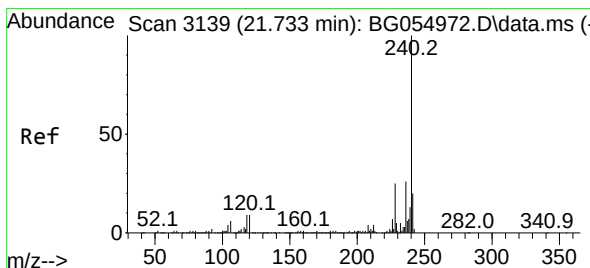
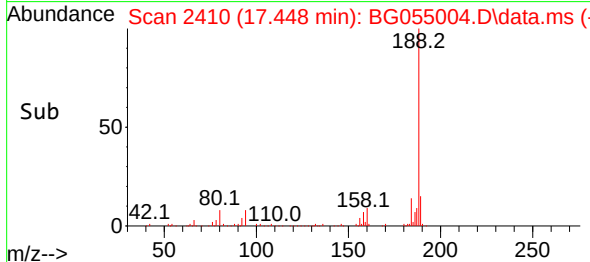
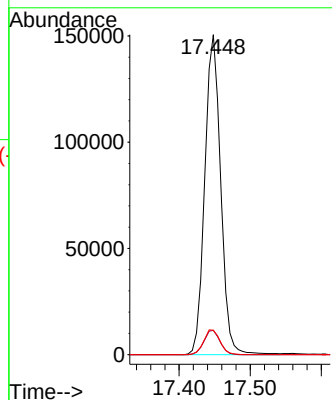
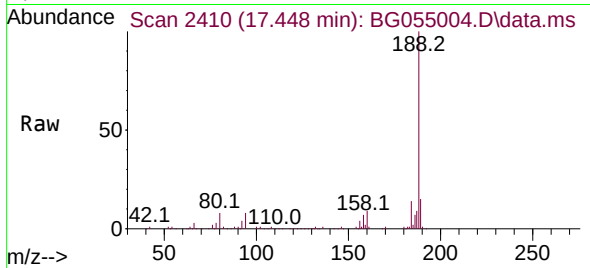




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG055004.D
Acq: 21 Sep 2022 22:10

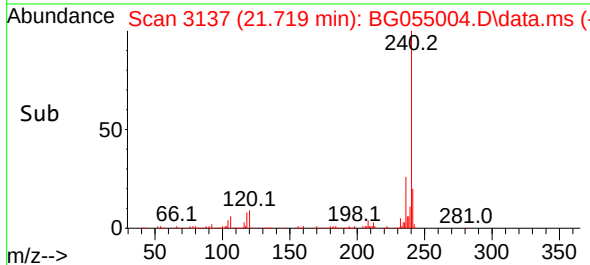
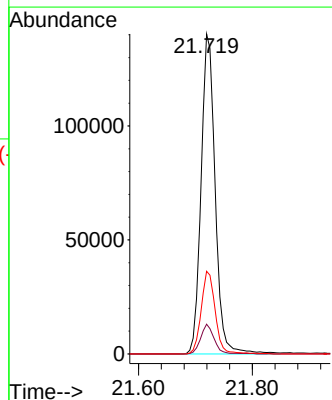
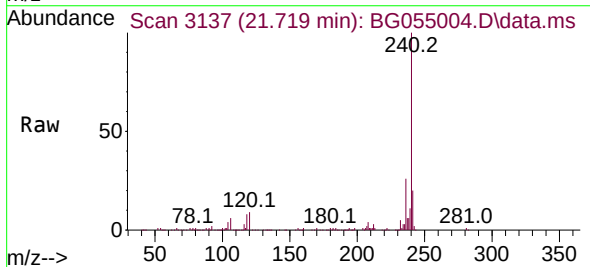
Instrument :
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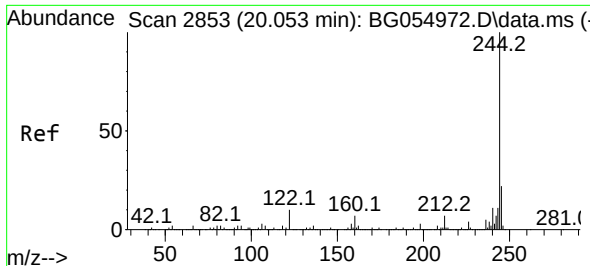
Tgt Ion:188 Resp: 233374
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.4
80 7.6 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3137
Delta R.T. -0.014 min
Lab File: BG055004.D
Acq: 21 Sep 2022 22:10

Tgt Ion:240 Resp: 241032
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.4
236 25.8 21.2 31.8

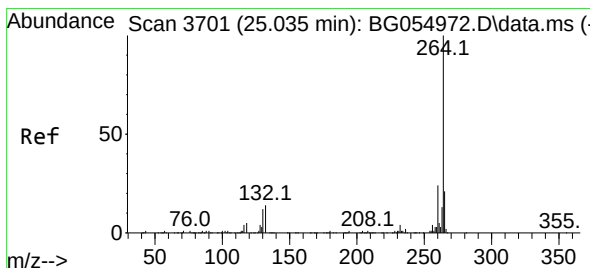
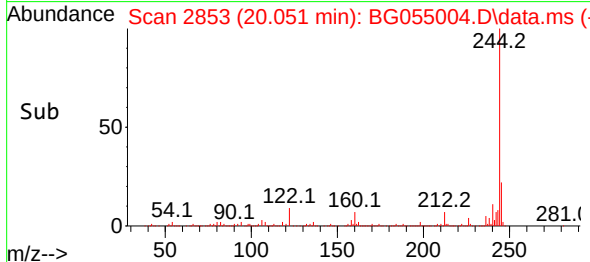
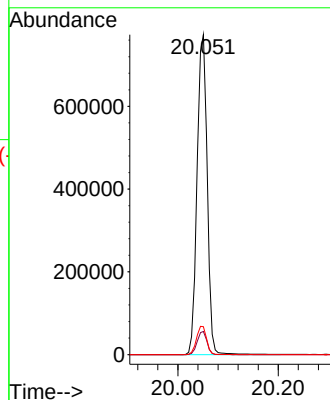
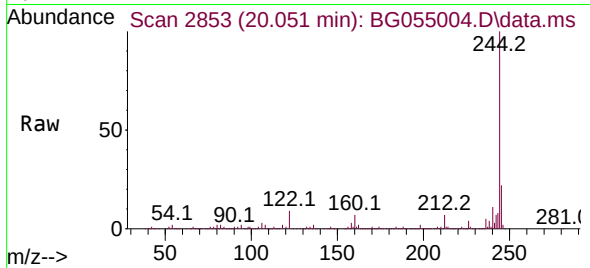




#79
 Terphenyl-d14
 Concen: 93.841 ng
 RT: 20.051 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055004.D
 Acq: 21 Sep 2022 22:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-30-COMP

Tgt Ion:244 Resp: 1081291
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.7 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.021 min Scan# 3699
 Delta R.T. -0.014 min
 Lab File: BG055004.D
 Acq: 21 Sep 2022 22:10

Tgt Ion:264 Resp: 251485
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 21.7 16.9 25.3

