

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054982.D
 Acq On : 20 Sep 2022 11:53
 Operator : CG/JU
 Sample : N4697-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-21-COMP

Quant Time: Sep 20 14:28:40 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	8.061	152	35697	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	142512	20.000	ng	# 0.00
39) Acenaphthene-d10	14.706	164	99912	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	248944	20.000	ng	0.00
76) Chrysene-d12	21.728	240	262709	20.000	ng	0.00
86) Perylene-d12	25.030	264	275052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	195702	107.271	ng	0.00
7) Phenol-d6	7.221	99	259574	106.151	ng	0.00
23) Nitrobenzene-d5	9.236	82	146612	59.629	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	132078	112.842	ng	0.00
45) 2-Fluorobiphenyl	13.326	172	380608	60.036	ng	0.00
79) Terphenyl-d14	20.053	244	735847	58.592	ng	0.00

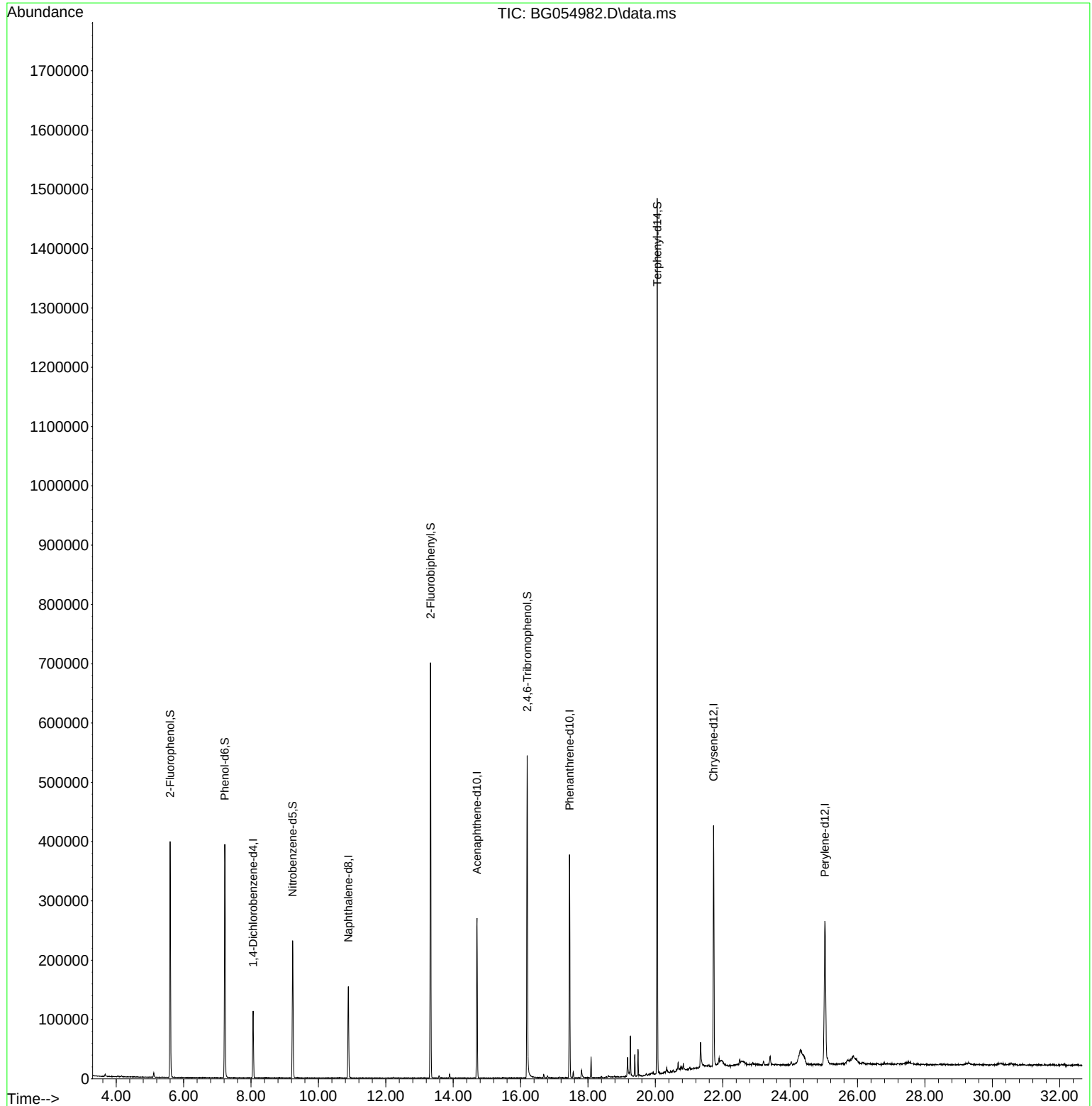
Target Compounds	Qvalue

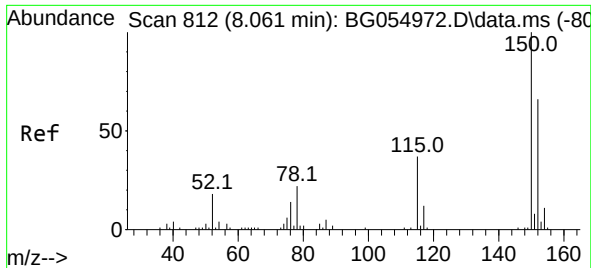
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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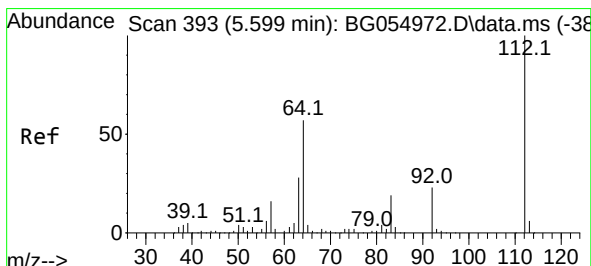
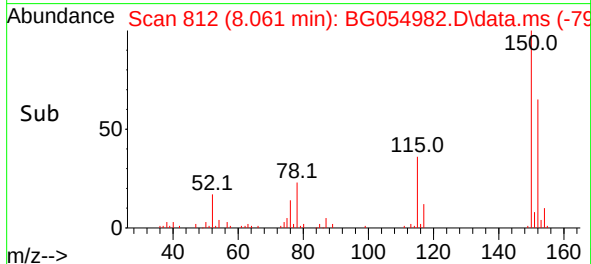
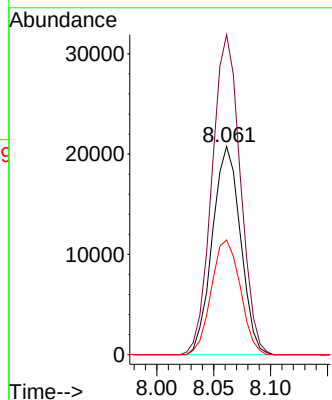
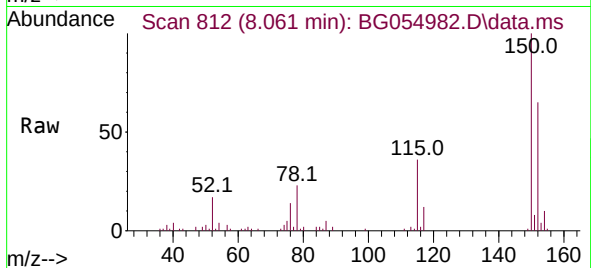




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.061 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53

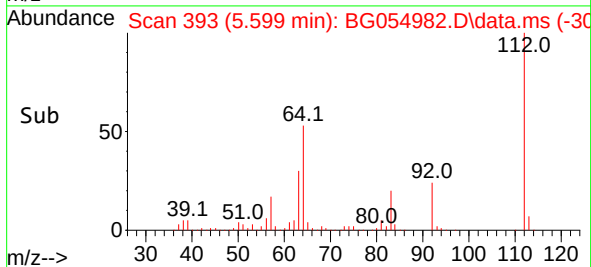
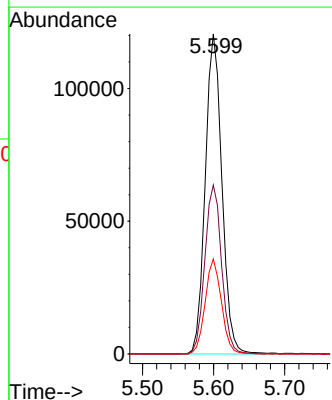
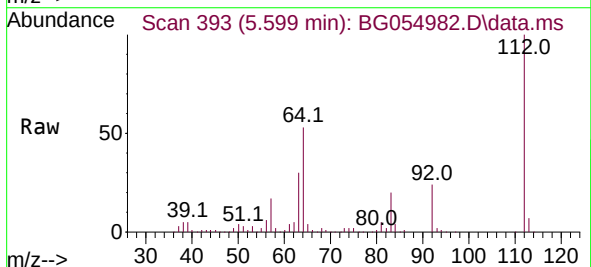
Instrument :
BNA_G
ClientSampleId :
SB-21-COMP

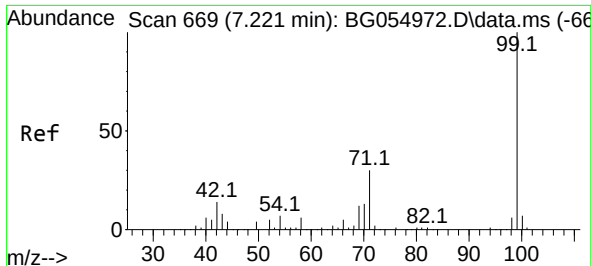
Tgt Ion:152 Resp: 35697
Ion Ratio Lower Upper
152 100
150 153.6 125.2 187.8
115 55.0 47.9 71.9



#5
2-Fluorophenol
Concen: 107.271 ng
RT: 5.599 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53

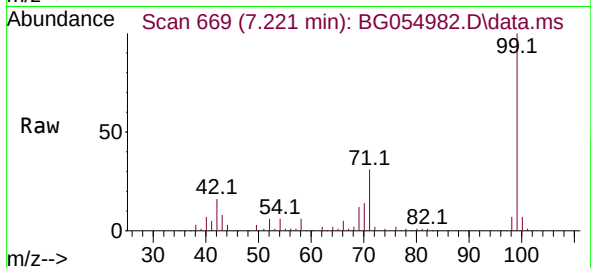
Tgt Ion:112 Resp: 195702
Ion Ratio Lower Upper
112 100
64 52.8 49.3 73.9
63 29.7 26.3 39.5



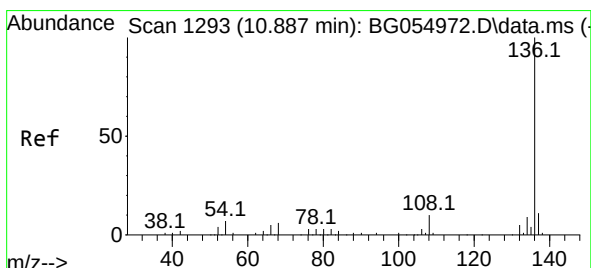
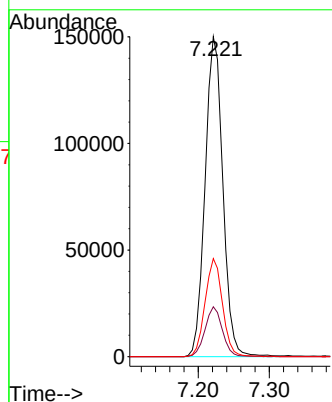
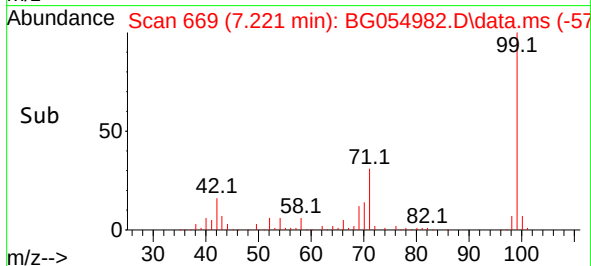


#7
Phenol-d6
Concen: 106.151 ng
RT: 7.221 min Scan# 669
Delta R.T. 0.001 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53

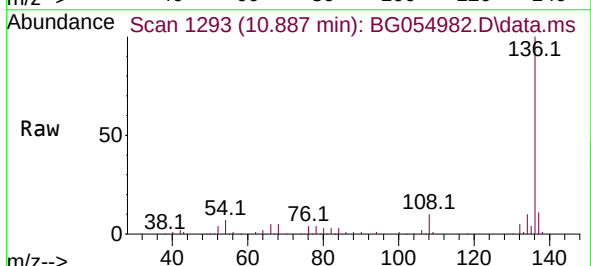
Instrument :
BNA_G
ClientSampleId :
SB-21-COMP



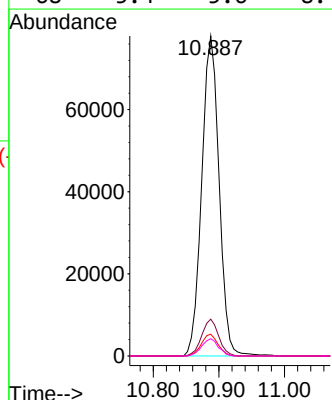
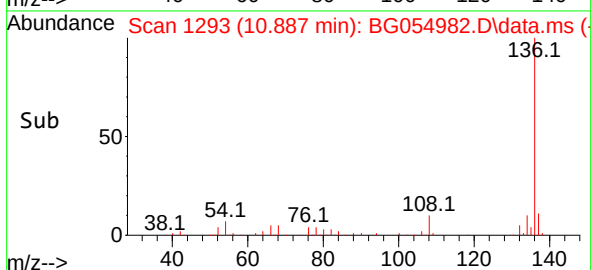
Tgt Ion: 99 Resp: 259574
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 30.6 24.6 37.0

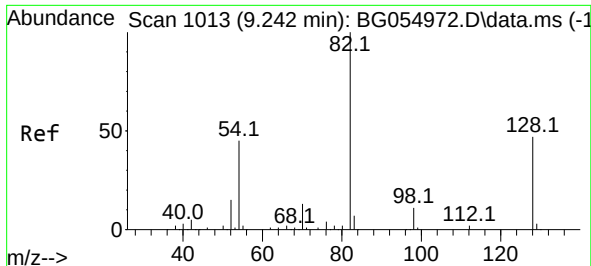


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 1293
Delta R.T. 0.001 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53



Tgt Ion: 136 Resp: 142512
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 6.8 7.7 11.5#
68 5.4 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 59.629 ng

RT: 9.236 min Scan# 1013

Delta R.T. -0.005 min

Lab File: BG054982.D

Acq: 20 Sep 2022 11:53

Instrument :

BNA_G

ClientSampleId :

SB-21-COMP

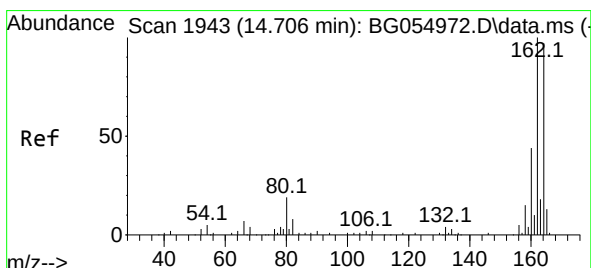
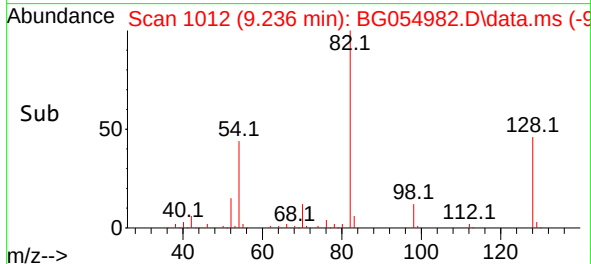
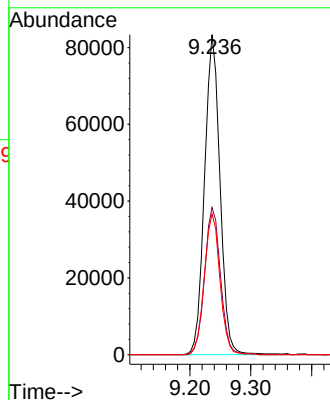
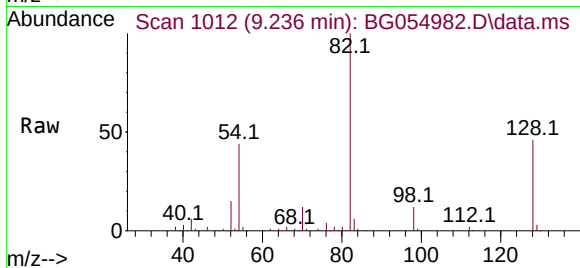
Tgt Ion: 82 Resp: 146612

Ion Ratio Lower Upper

82 100

128 46.0 32.2 48.2

54 43.9 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.706 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BG054982.D

Acq: 20 Sep 2022 11:53

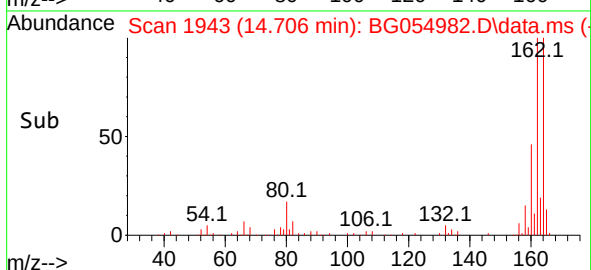
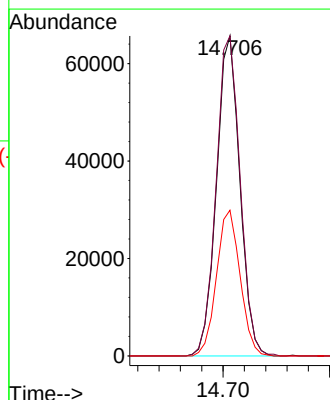
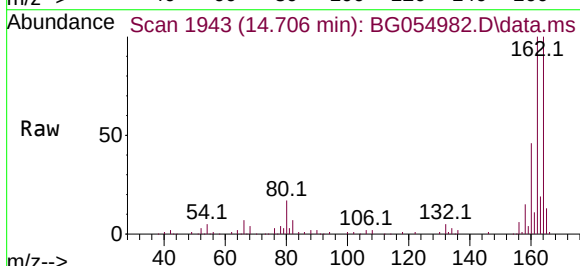
Tgt Ion:164 Resp: 99912

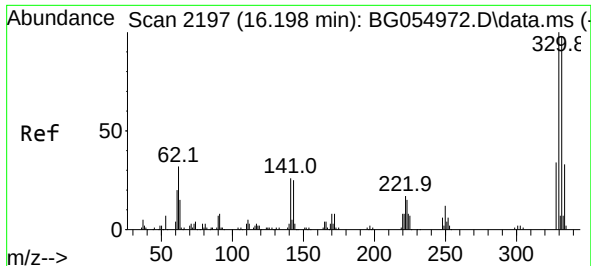
Ion Ratio Lower Upper

164 100

162 100.0 83.0 124.4

160 45.5 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 112.842 ng

RT: 16.193 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG054982.D

Acq: 20 Sep 2022 11:53

Instrument :

BNA_G

ClientSampleId :

SB-21-COMP

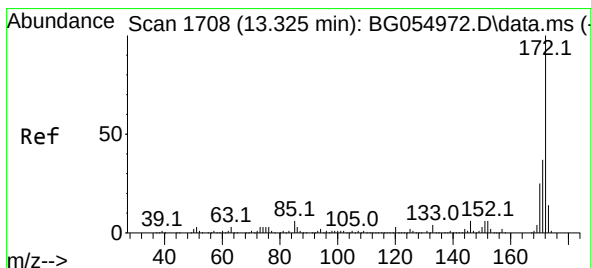
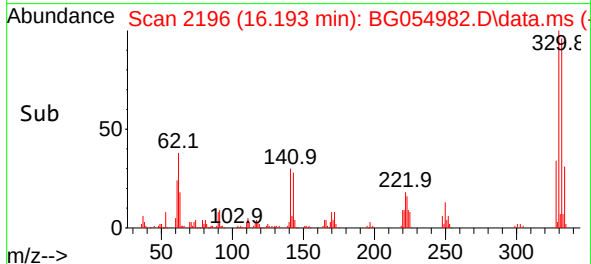
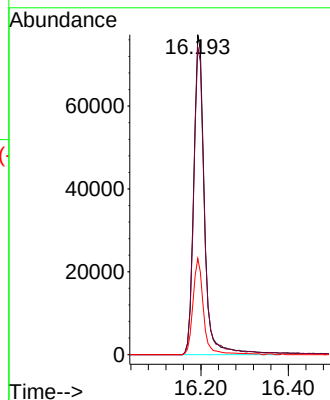
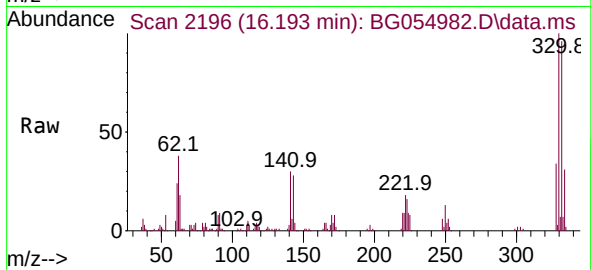
Tgt Ion:330 Resp: 132078

Ion Ratio Lower Upper

330 100

332 95.1 79.8 119.6

141 29.6 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 60.036 ng

RT: 13.326 min Scan# 1708

Delta R.T. 0.001 min

Lab File: BG054982.D

Acq: 20 Sep 2022 11:53

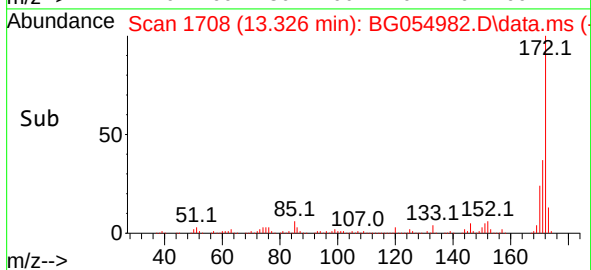
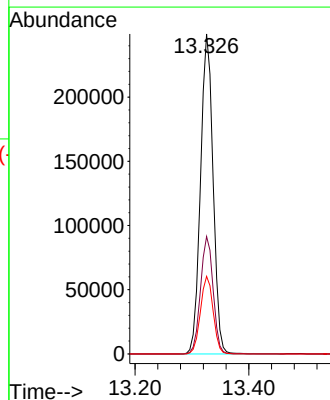
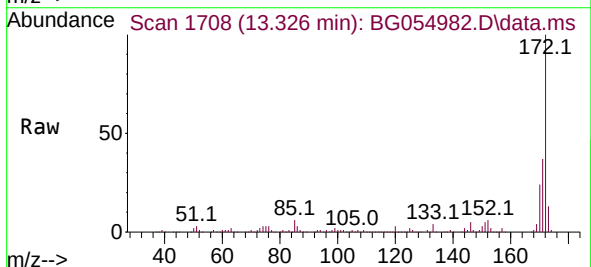
Tgt Ion:172 Resp: 380608

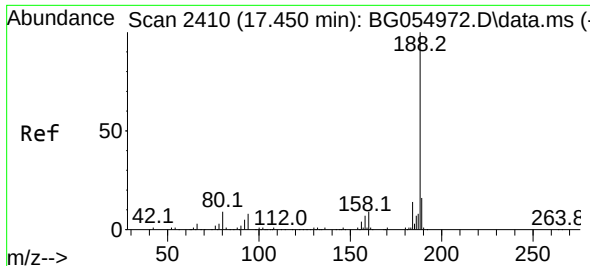
Ion Ratio Lower Upper

172 100

171 36.7 31.2 46.8

170 24.2 20.6 30.8

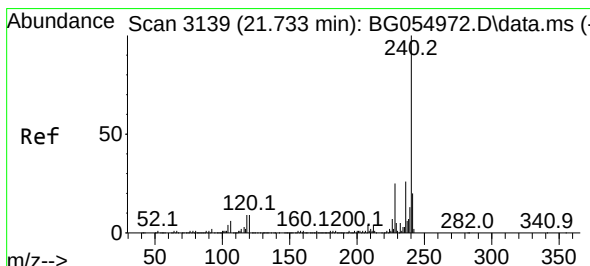
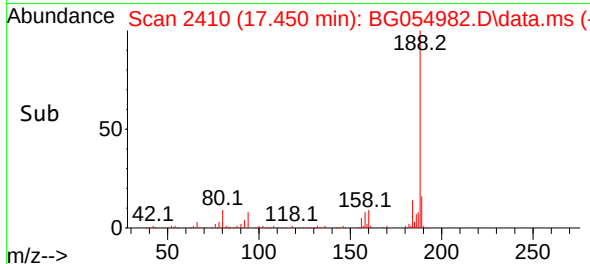
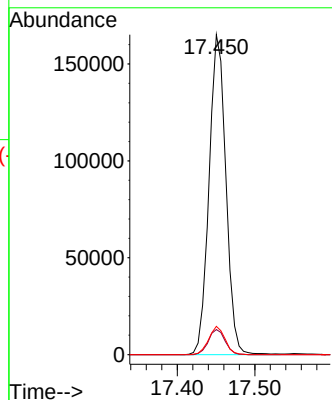
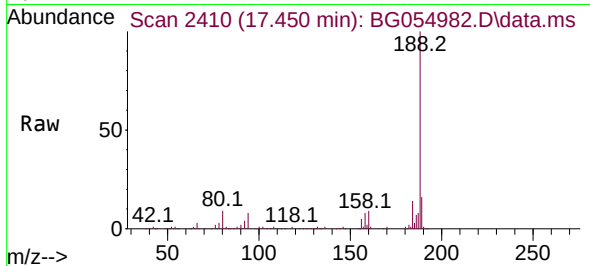




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53

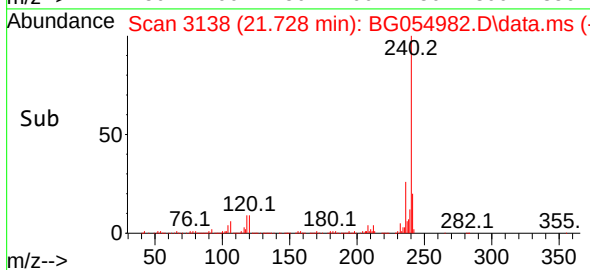
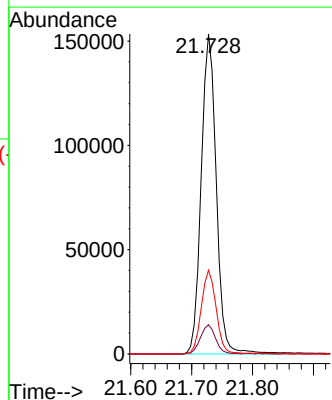
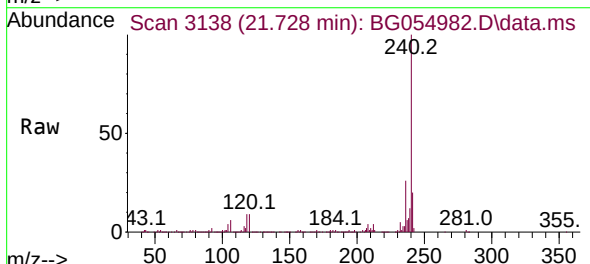
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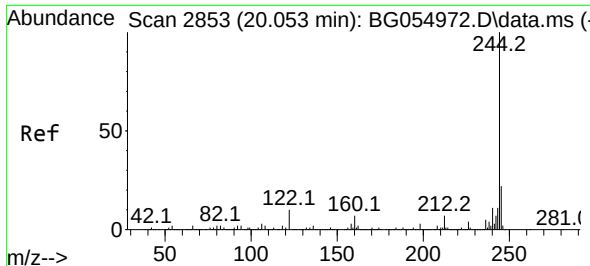
Tgt Ion:188 Resp: 248944
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.4
80 8.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG054982.D
Acq: 20 Sep 2022 11:53

Tgt Ion:240 Resp: 262709
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.4
236 26.2 21.2 31.8

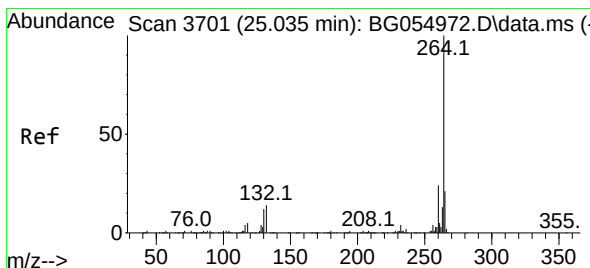
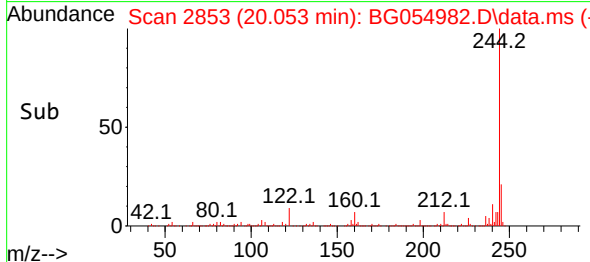
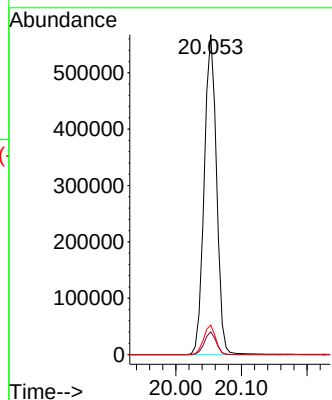
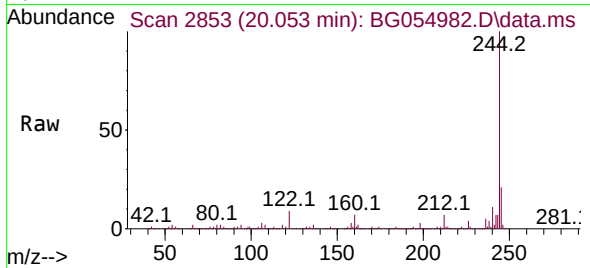




#79
 Terphenyl-d14
 Concen: 58.592 ng
 RT: 20.053 min Scan# 2853
 Delta R.T. 0.001 min
 Lab File: BG054982.D
 Acq: 20 Sep 2022 11:53

Instrument :
 BNA_G
 ClientSampleId :
 SB-21-COMP

Tgt Ion:244 Resp: 735847
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 9.2 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.030 min Scan# 3700
 Delta R.T. -0.005 min
 Lab File: BG054982.D
 Acq: 20 Sep 2022 11:53

Tgt Ion:264 Resp: 275052
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.9 29.9
 265 21.8 16.9 25.3

