

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054989.D
 Acq On : 20 Sep 2022 16:46
 Operator : CG/JU
 Sample : N4697-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-31-COMP

Quant Time: Sep 21 02:53:22 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	8.058	152	38267	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	156922	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	108512	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	262145	20.000	ng	0.00
76) Chrysene-d12	21.725	240	260502	20.000	ng	0.00
86) Perylene-d12	25.027	264	273034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.602	112	226885	116.012	ng	0.00
7) Phenol-d6	7.224	99	298367	113.821	ng	0.00
23) Nitrobenzene-d5	9.239	82	171347	63.290	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	136170	107.118	ng	0.00
45) 2-Fluorobiphenyl	13.329	172	435841	63.299	ng	0.00
79) Terphenyl-d14	20.050	244	748906	60.137	ng	0.00

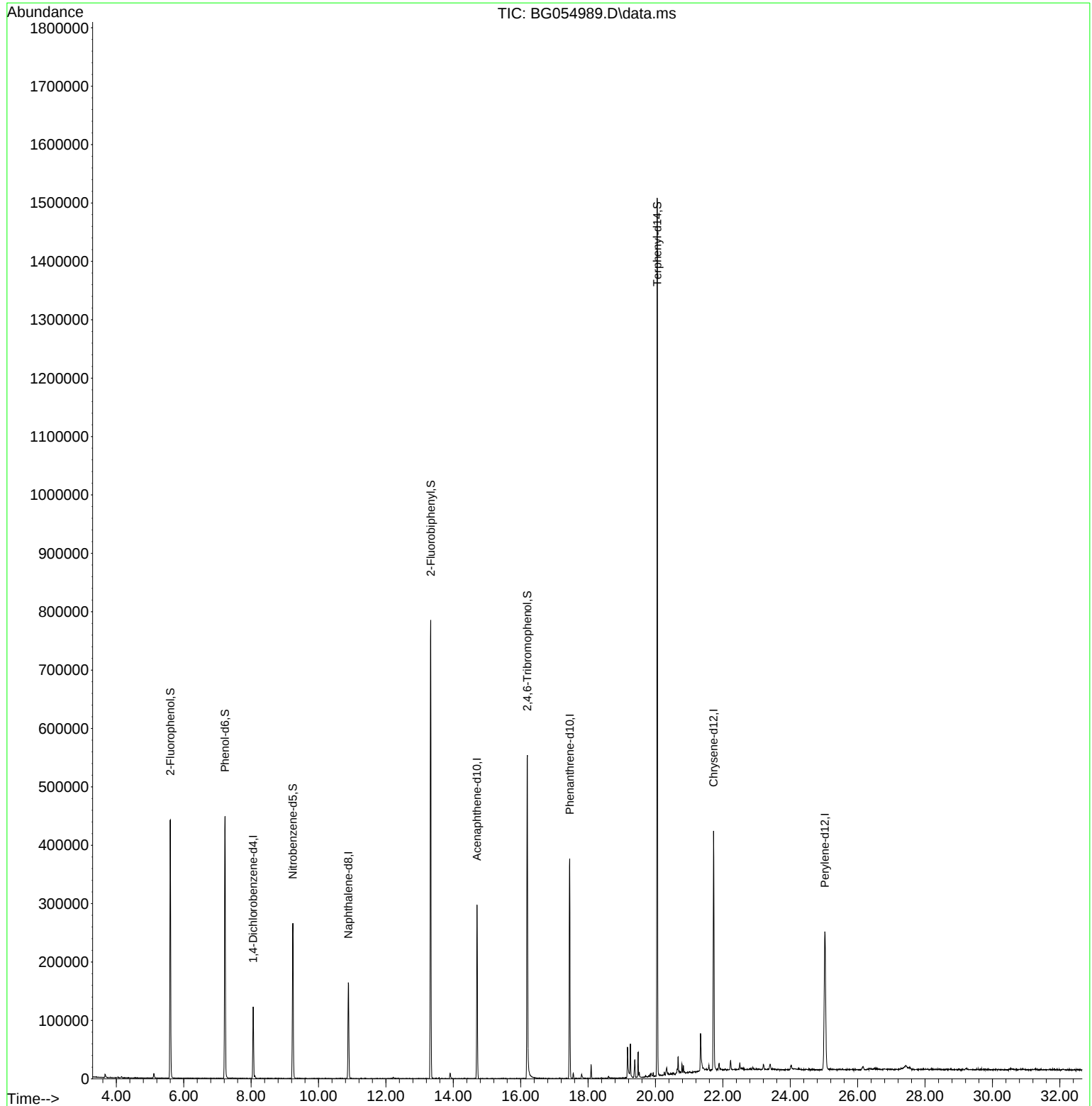
Target Compounds	Qvalue

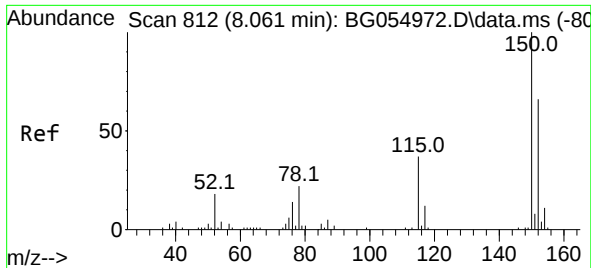
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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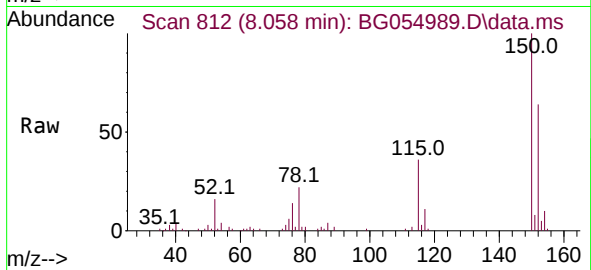
Quant Time: Sep 21 02:53:22 2022
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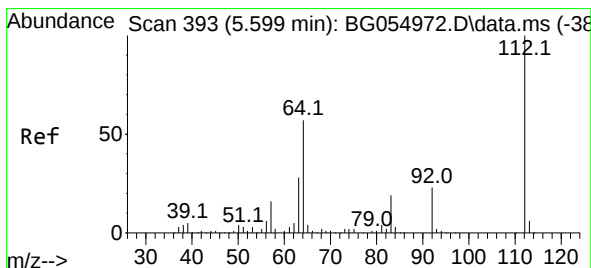
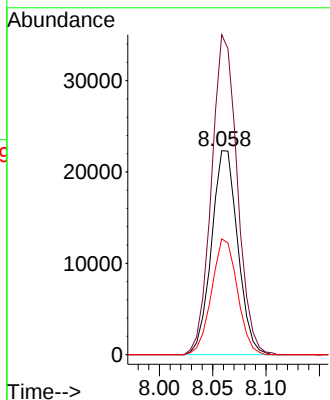
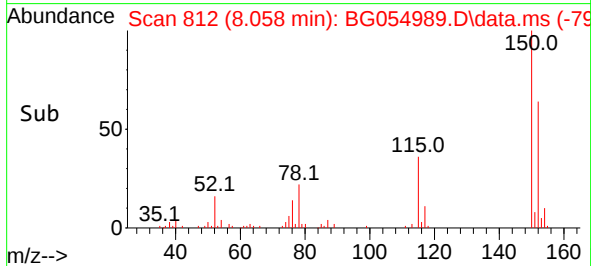


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

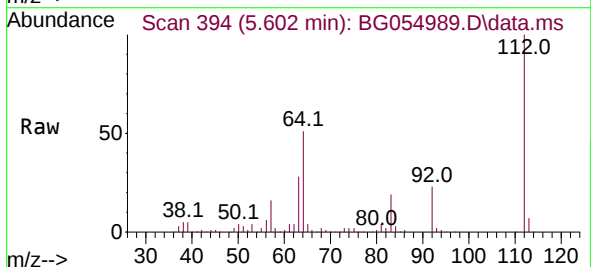
Instrument :
BNA_G
ClientSampleId :
SB-31-COMP



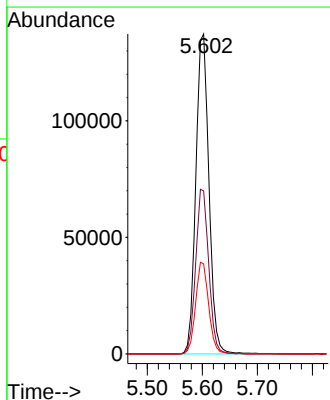
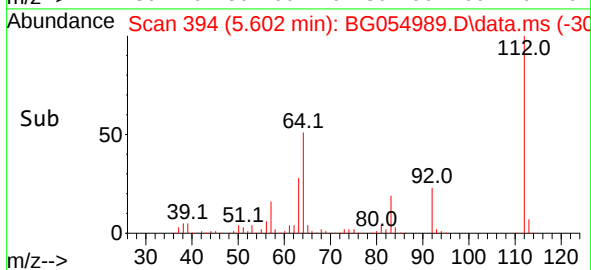
Tgt Ion:152 Resp: 38267
Ion Ratio Lower Upper
152 100
150 156.9 125.2 187.8
115 56.8 47.9 71.9

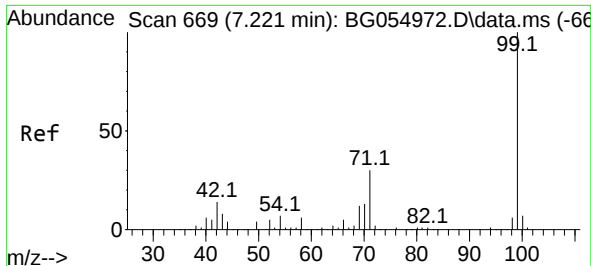


#5
2-Fluorophenol
Concen: 116.012 ng
RT: 5.602 min Scan# 394
Delta R.T. 0.003 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46



Tgt Ion:112 Resp: 226885
Ion Ratio Lower Upper
112 100
64 50.9 49.3 73.9
63 28.1 26.3 39.5

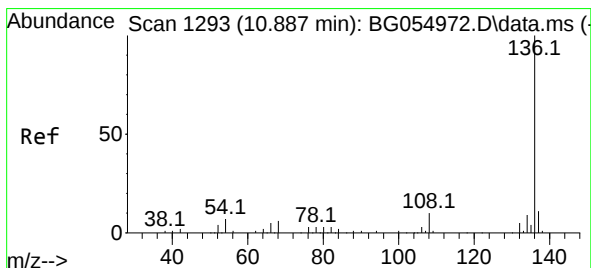
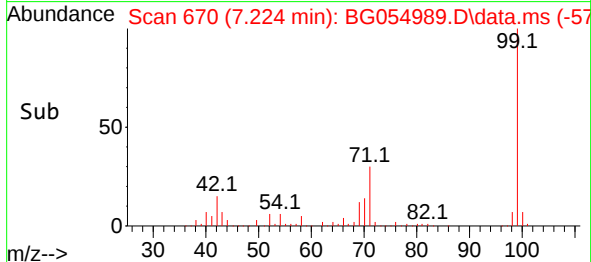
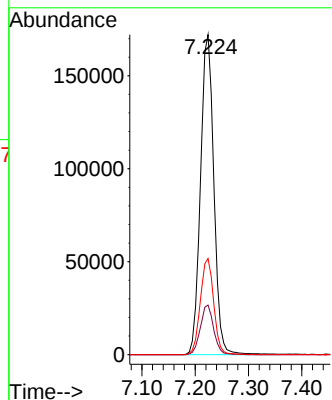
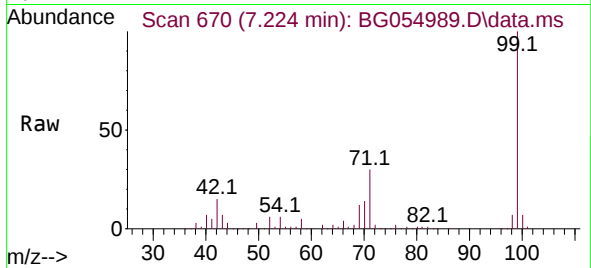




#7
Phenol-d6
Concen: 113.821 ng
RT: 7.224 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

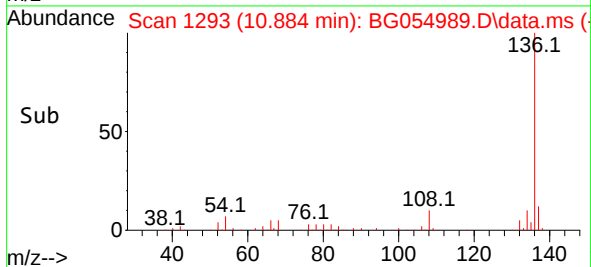
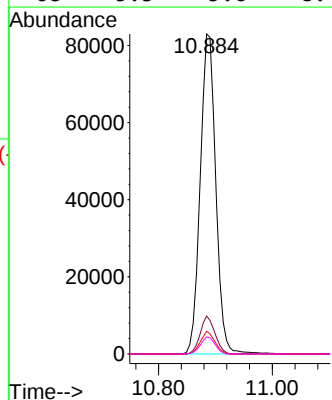
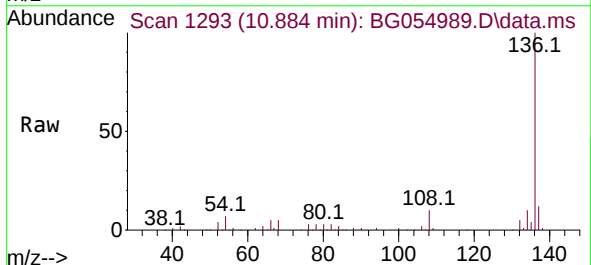
Instrument :
BNA_G
ClientSampleId :
SB-31-COMP

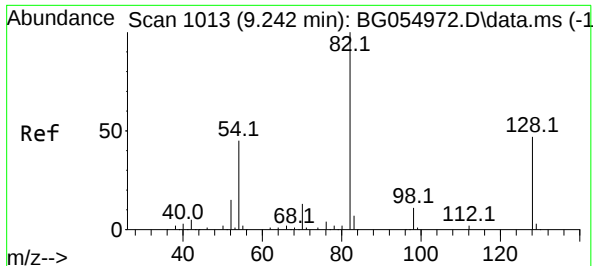
Tgt Ion: 99 Resp: 298367
Ion Ratio Lower Upper
99 100
42 15.5 14.6 22.0
71 30.0 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1293
Delta R.T. -0.002 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

Tgt Ion: 136 Resp: 156922
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 7.1 7.7 11.5#
68 5.3 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 63.290 ng

RT: 9.239 min Scan# 1013

Delta R.T. -0.002 min

Lab File: BG054989.D

Acq: 20 Sep 2022 16:46

Instrument :

BNA_G

ClientSampleId :

SB-31-COMP

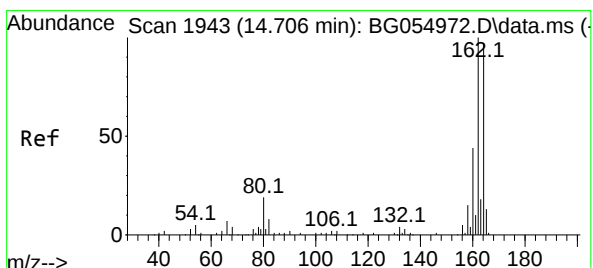
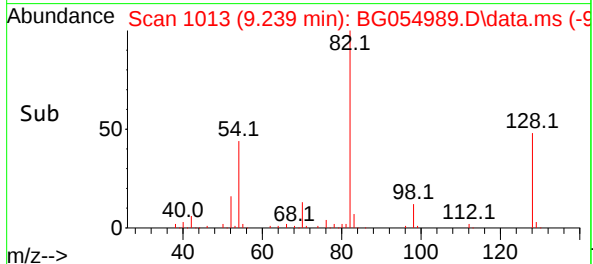
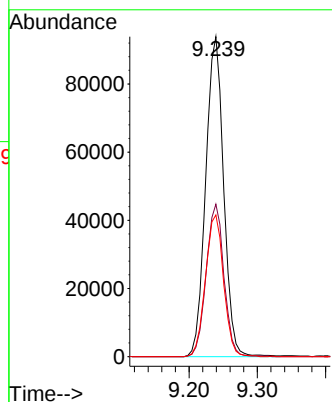
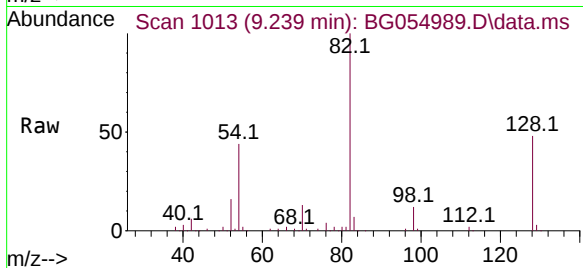
Tgt Ion: 82 Resp: 171347

Ion Ratio Lower Upper

82 100

128 47.6 32.2 48.2

54 44.3 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: BG054989.D

Acq: 20 Sep 2022 16:46

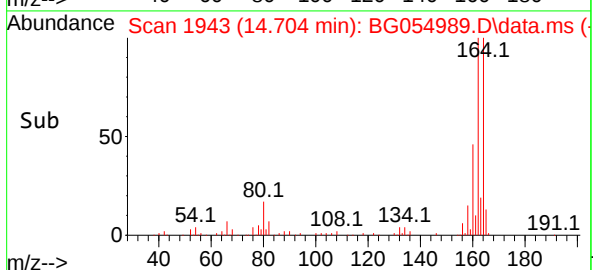
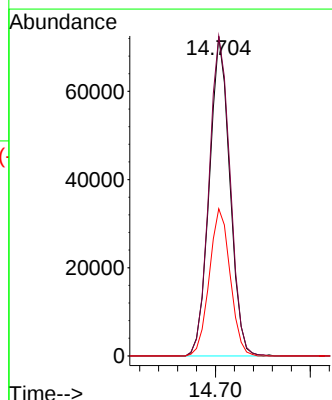
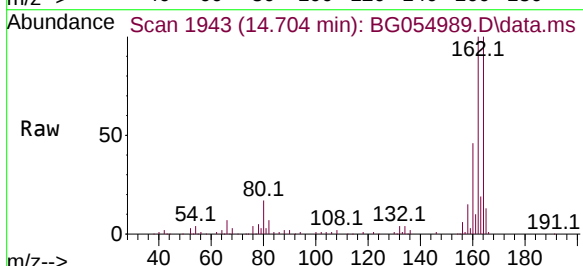
Tgt Ion:164 Resp: 108512

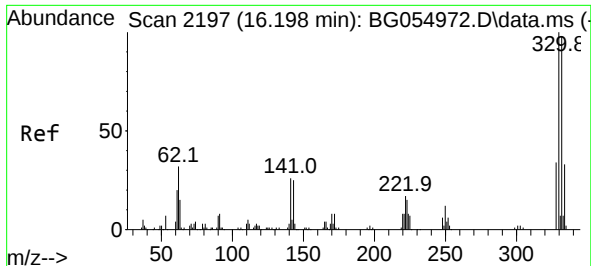
Ion Ratio Lower Upper

164 100

162 100.3 83.0 124.4

160 46.1 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 107.118 ng

RT: 16.196 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG054989.D

Acq: 20 Sep 2022 16:46

Instrument :

BNA_G

ClientSampleId :

SB-31-COMP

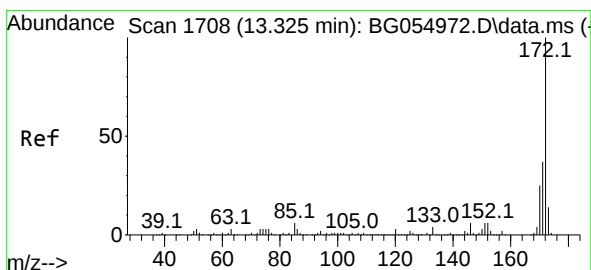
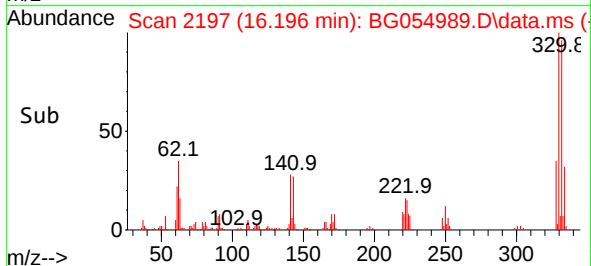
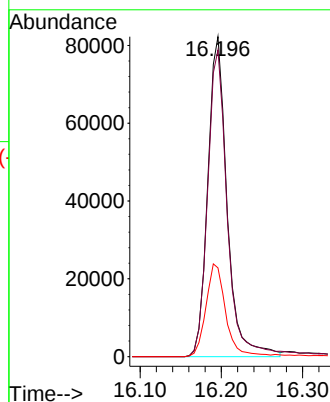
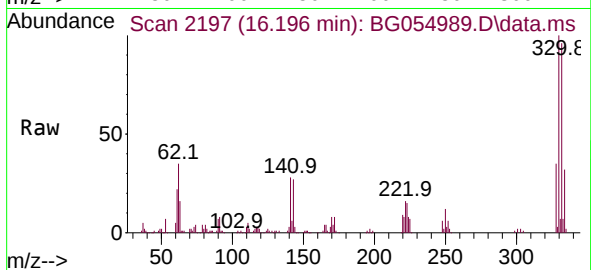
Tgt Ion:330 Resp: 136170

Ion Ratio Lower Upper

330 100

332 99.8 79.8 119.6

141 30.4 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 63.299 ng

RT: 13.329 min Scan# 1709

Delta R.T. 0.003 min

Lab File: BG054989.D

Acq: 20 Sep 2022 16:46

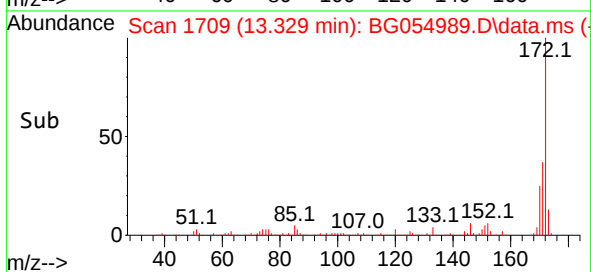
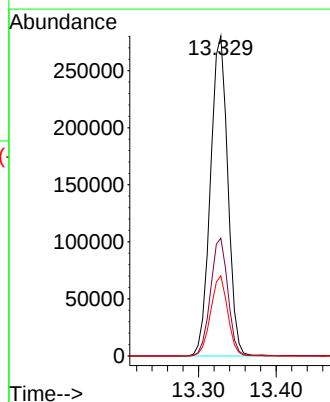
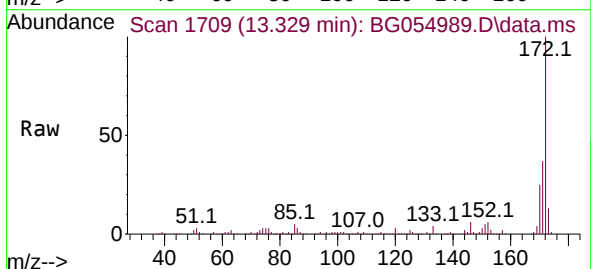
Tgt Ion:172 Resp: 435841

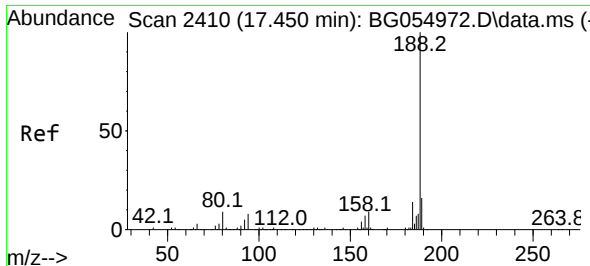
Ion Ratio Lower Upper

172 100

171 36.8 31.2 46.8

170 25.0 20.6 30.8

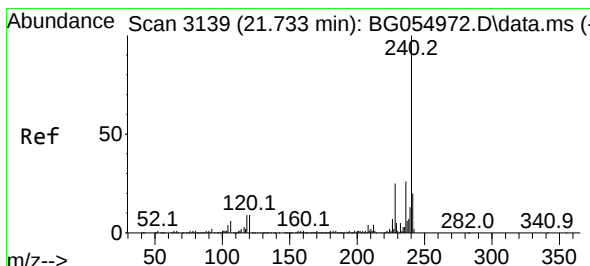
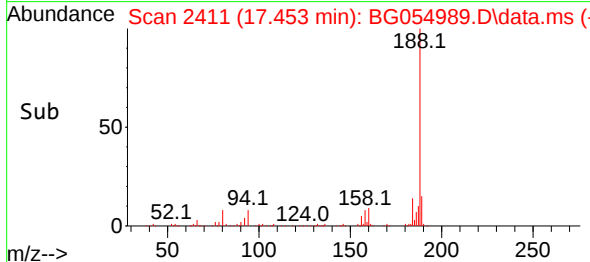
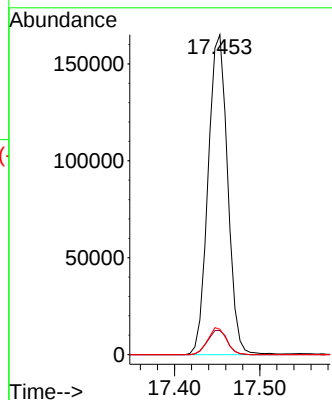
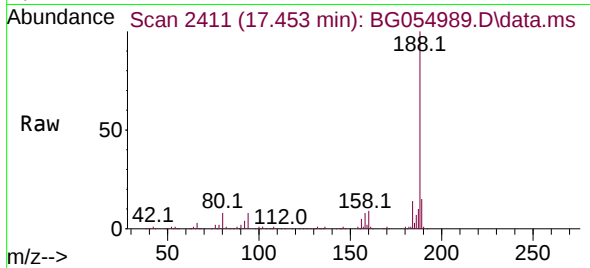




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2411
Delta R.T. 0.003 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

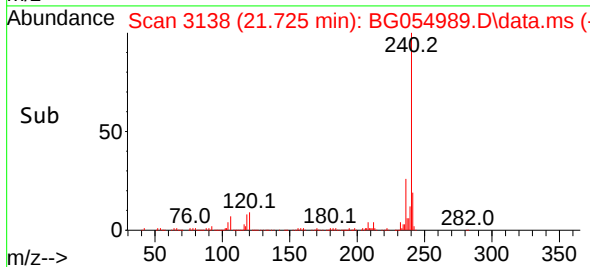
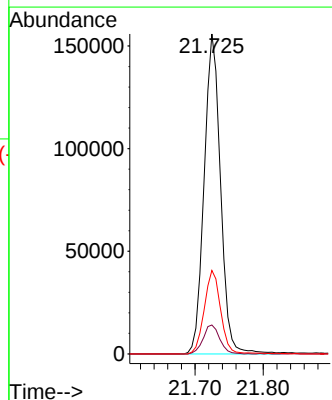
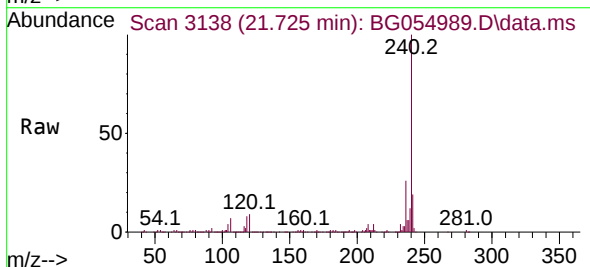
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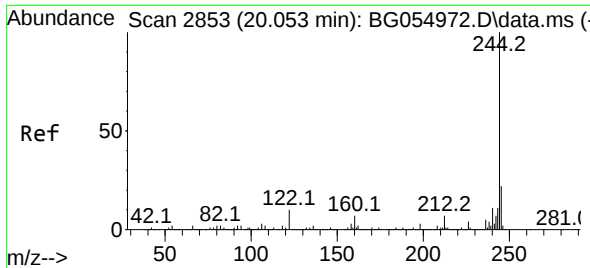
Tgt Ion:188 Resp: 262145
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 7.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3138
Delta R.T. -0.008 min
Lab File: BG054989.D
Acq: 20 Sep 2022 16:46

Tgt Ion:240 Resp: 260502
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 26.1 21.2 31.8

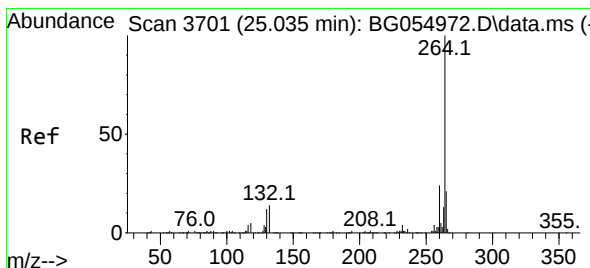
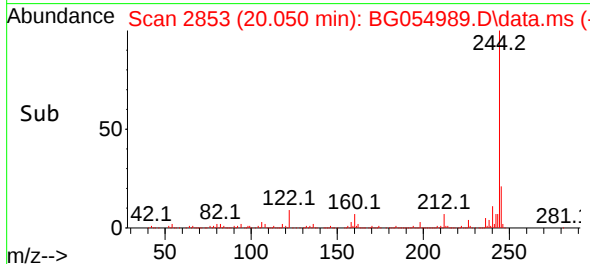
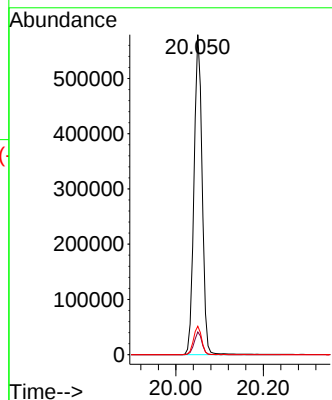
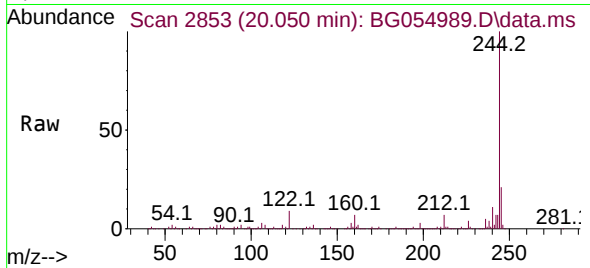




#79
 Terphenyl-d14
 Concen: 60.137 ng
 RT: 20.050 min Scan# 2853
 Delta R.T. -0.002 min
 Lab File: BG054989.D
 Acq: 20 Sep 2022 16:46

Instrument :
 BNA_G
 ClientSampleId :
 SB-31-COMP

Tgt Ion:244 Resp: 748906
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.9 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.027 min Scan# 3700
 Delta R.T. -0.008 min
 Lab File: BG054989.D
 Acq: 20 Sep 2022 16:46

Tgt Ion:264 Resp: 273034
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 21.5 16.9 25.3

