

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053869.D
 Acq On : 9 Jun 2022 20:34
 Operator : CG/JU
 Sample : N3270-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11D

Quant Time: Jun 10 01:01:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	22074	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	87277	20.000	ng	0.00
39) Acenaphthene-d10	14.709	164	69195	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	183717	20.000	ng	0.00
76) Chrysene-d12	21.730	240	203722	20.000	ng	0.00
86) Perylene-d12	24.997	264	202377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	189282	157.465	ng	0.00
7) Phenol-d6	7.241	99	251946	154.728	ng	0.00
23) Nitrobenzene-d5	9.251	82	160570	120.815	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	173709	206.814	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	442154	95.594	ng	0.00
79) Terphenyl-d14	20.061	244	933266	91.136	ng	0.00

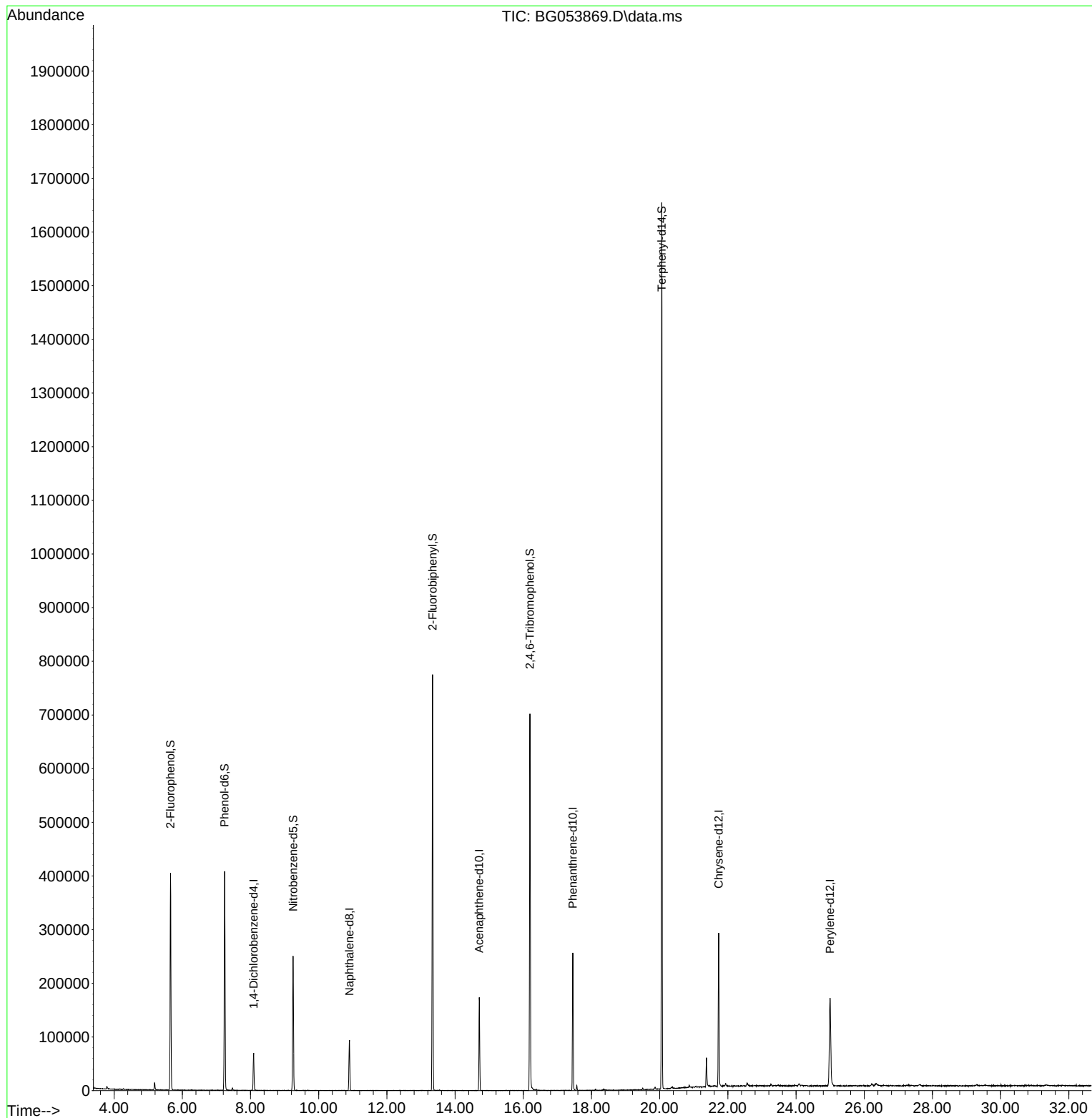
Target Compounds	Qvalue

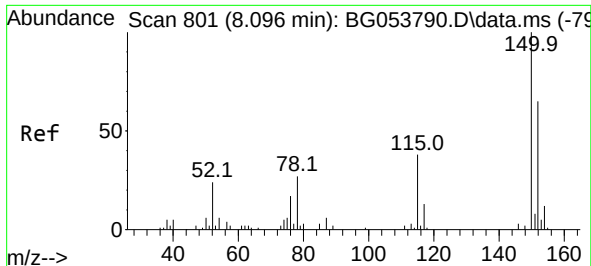
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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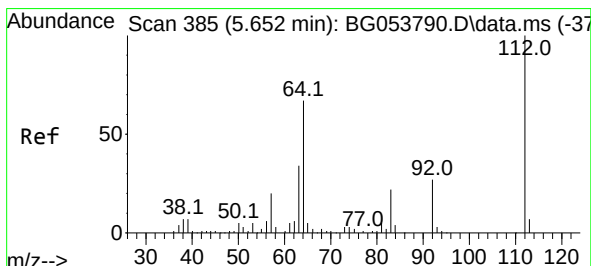
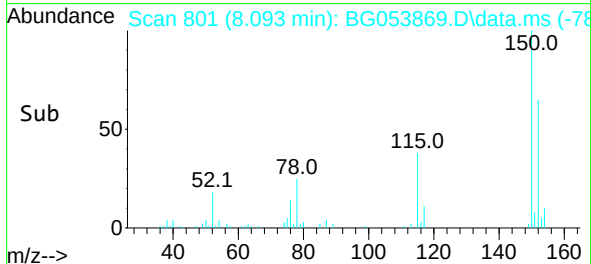
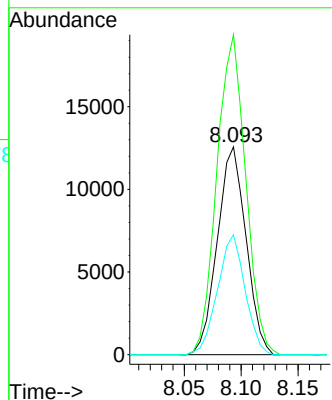
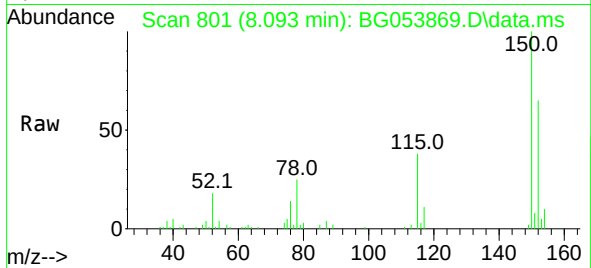




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 801
Delta R.T. -0.003 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

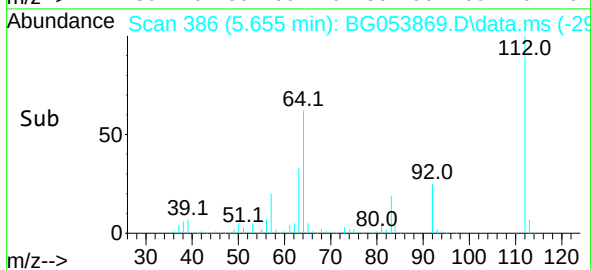
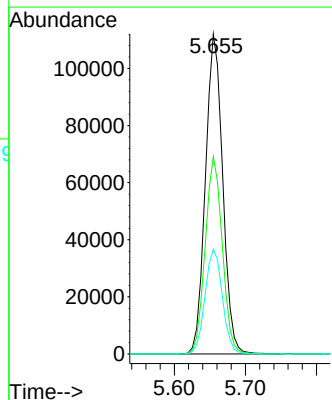
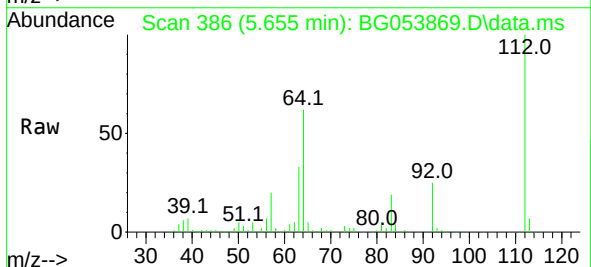
Instrument :
BNA_G
ClientSampleId :
TP-11D

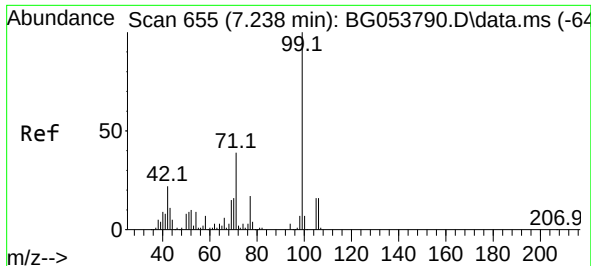
Tgt Ion:152 Resp: 22074
Ion Ratio Lower Upper
152 100
150 153.9 131.6 197.4
115 57.8 50.9 76.3



#5
2-Fluorophenol
Concen: 157.465 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

Tgt Ion:112 Resp: 189282
Ion Ratio Lower Upper
112 100
64 61.6 55.1 82.7
63 32.7 30.4 45.6

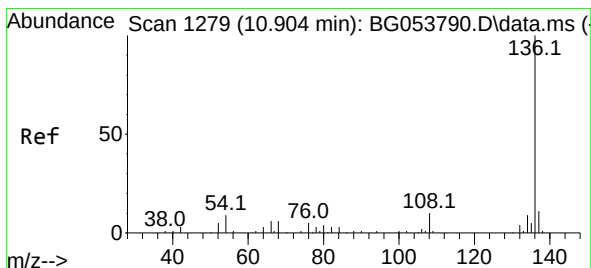
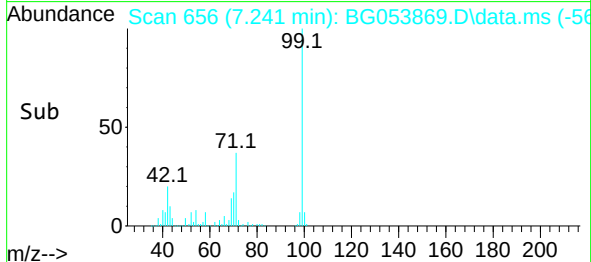
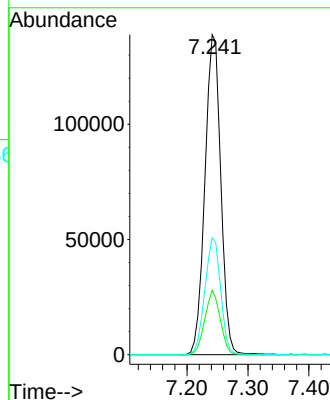
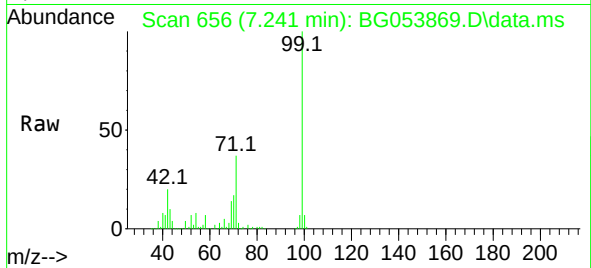




#7
Phenol-d6
Concen: 154.728 ng
RT: 7.241 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

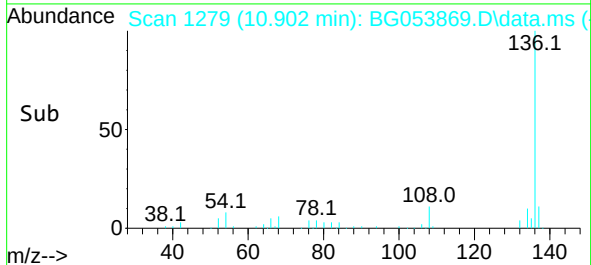
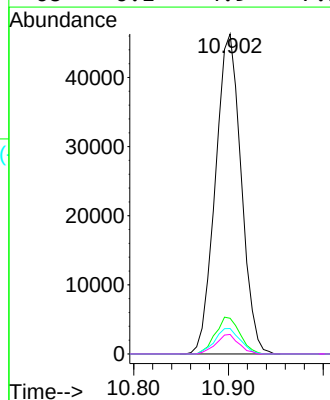
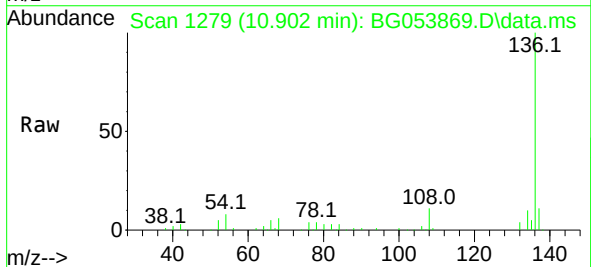
Instrument :
BNA_G
ClientSampleId :
TP-11D

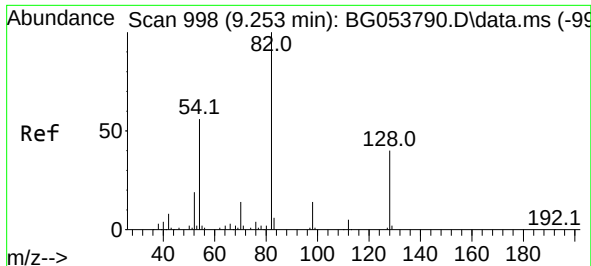
Tgt Ion: 99 Resp: 251946
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 36.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 1279
Delta R.T. -0.002 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

Tgt Ion: 136 Resp: 87277
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.9 7.4 11.2
68 6.1 4.9 7.3

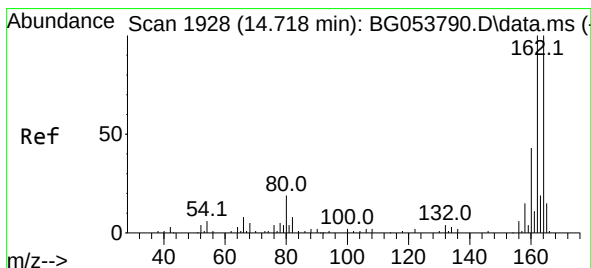
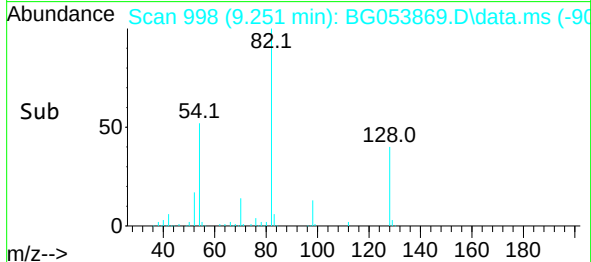
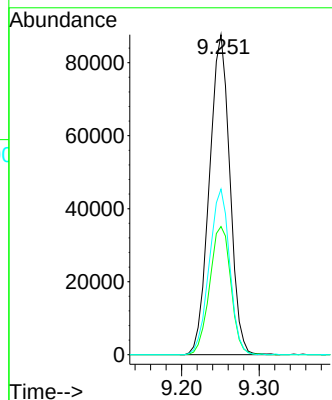
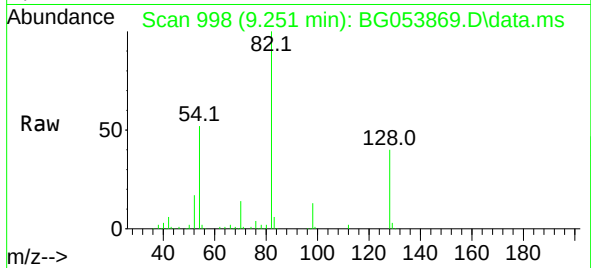




#23
Nitrobenzene-d5
Concen: 120.815 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

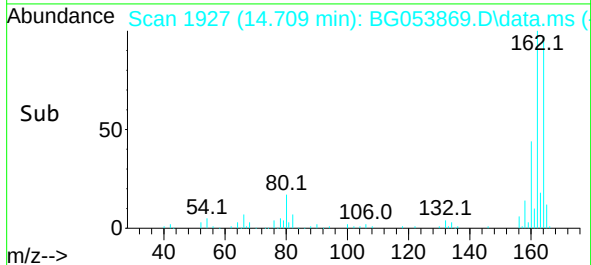
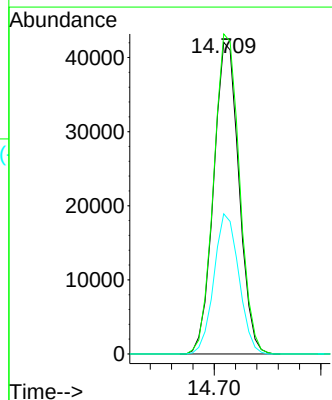
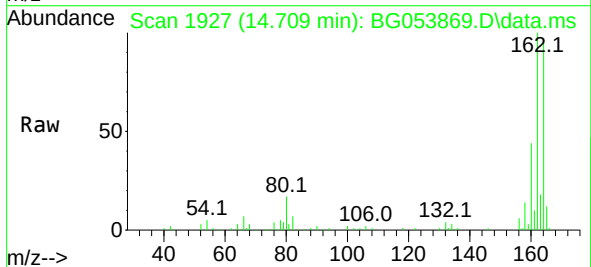
Instrument :
BNA_G
ClientSampleId :
TP-11D

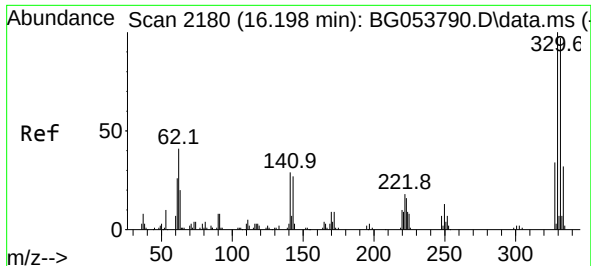
Tgt Ion: 82 Resp: 160570
Ion Ratio Lower Upper
82 100
128 40.0 27.9 41.9
54 51.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.709 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

Tgt Ion: 164 Resp: 69195
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 45.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 206.814 ng

RT: 16.195 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG053869.D

Acq: 9 Jun 2022 20:34

Instrument :

BNA_G

ClientSampleId :

TP-11D

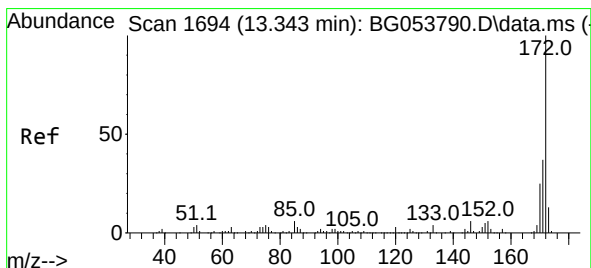
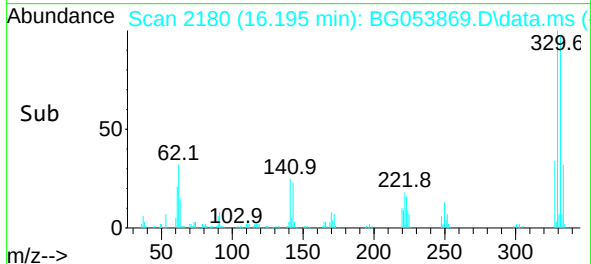
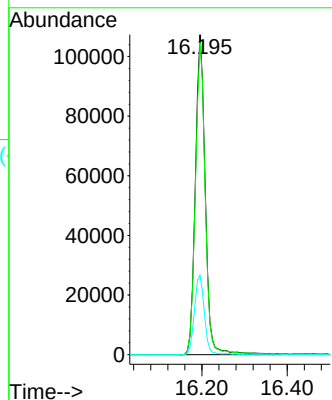
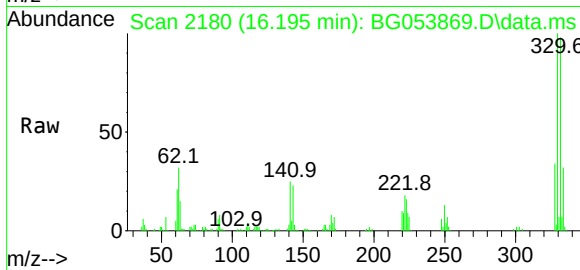
Tgt Ion:330 Resp: 173709

Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

141 24.7 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 95.594 ng

RT: 13.340 min Scan# 1694

Delta R.T. -0.003 min

Lab File: BG053869.D

Acq: 9 Jun 2022 20:34

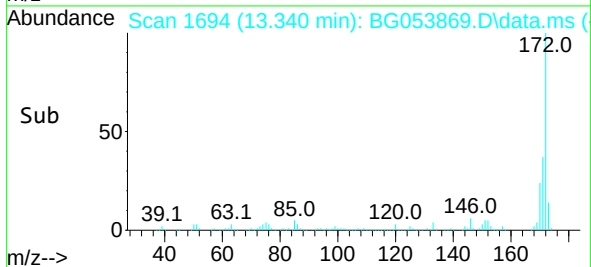
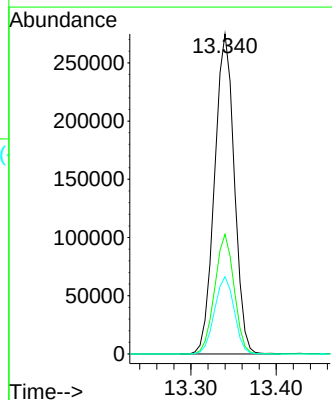
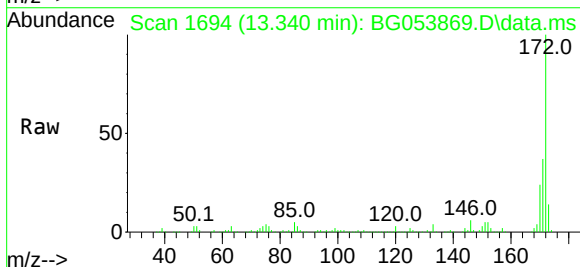
Tgt Ion:172 Resp: 442154

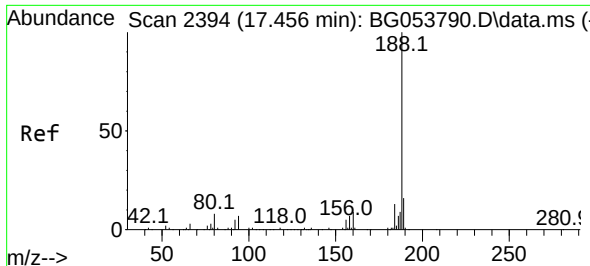
Ion Ratio Lower Upper

172 100

171 37.4 28.5 42.7

170 24.1 18.9 28.3

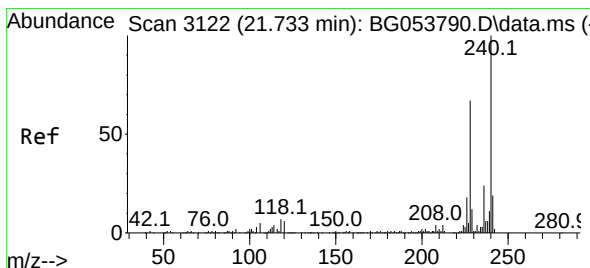
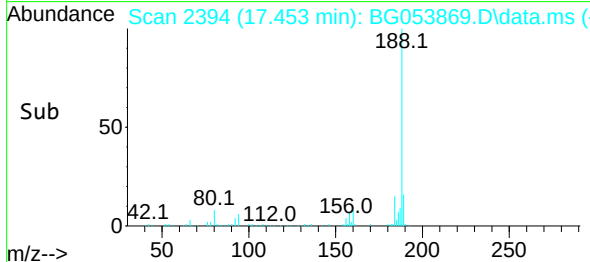
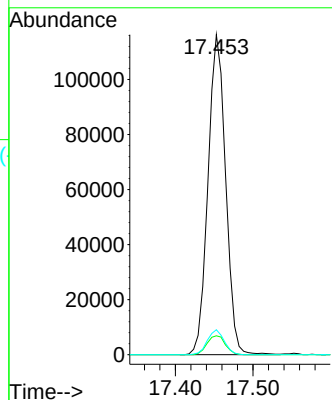
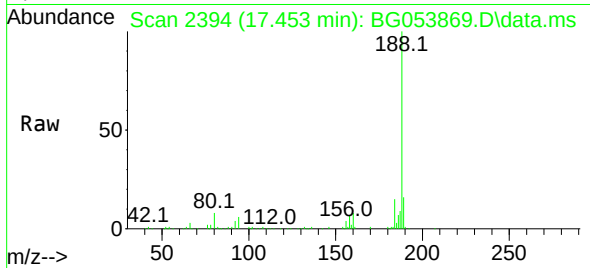




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

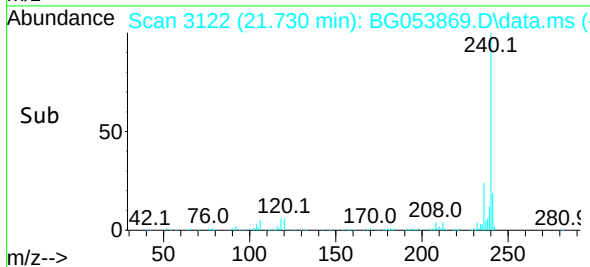
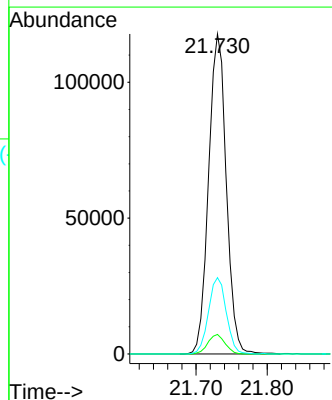
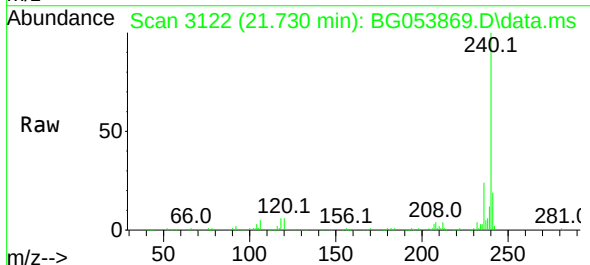
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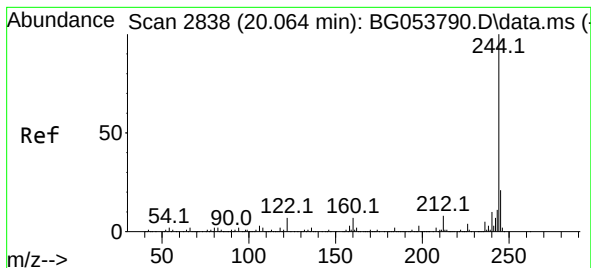
Tgt Ion:188 Resp: 183717
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 7.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

Tgt Ion:240 Resp: 203722
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 23.9 20.2 30.4





#79

Terphenyl-d14

Concen: 91.136 ng

RT: 20.061 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG053869.D

Acq: 9 Jun 2022 20:34

Instrument :

BNA_G

ClientSampleId :

TP-11D

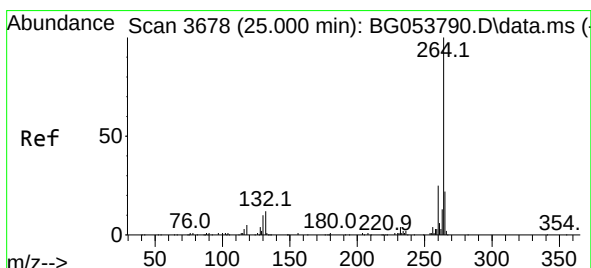
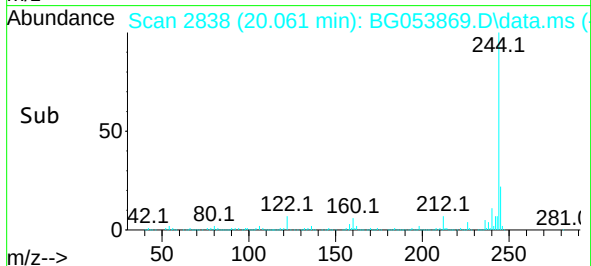
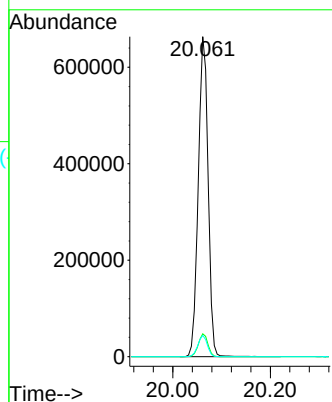
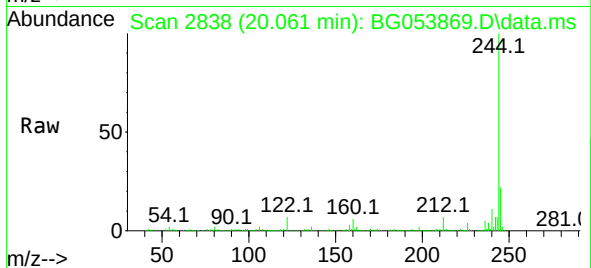
Tgt Ion:244 Resp: 933266

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 6.6 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.997 min Scan# 3678

Delta R.T. -0.003 min

Lab File: BG053869.D

Acq: 9 Jun 2022 20:34

Tgt Ion:264 Resp: 202377

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.9 17.4 26.2

