

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
 Data File : BG055014.D
 Acq On : 23 Sep 2022 16:02
 Operator : CG/JU
 Sample : N4751-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-7

Quant Time: Sep 24 02:28:00 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	8.056	152	38974	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	153527	20.000	ng	# 0.00
39) Acenaphthene-d10	14.701	164	108559	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	265701	20.000	ng	# 0.00
76) Chrysene-d12	21.728	240	270854	20.000	ng	0.00
86) Perylene-d12	25.036	264	285863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.600	112	226695	113.812	ng	0.00
7) Phenol-d6	7.221	99	295398	110.644	ng	0.00
23) Nitrobenzene-d5	9.237	82	168315	63.545	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	134994	106.147	ng	0.00
45) 2-Fluorobiphenyl	13.326	172	468810	68.058	ng	0.00
79) Terphenyl-d14	20.053	244	913284	70.533	ng	0.00

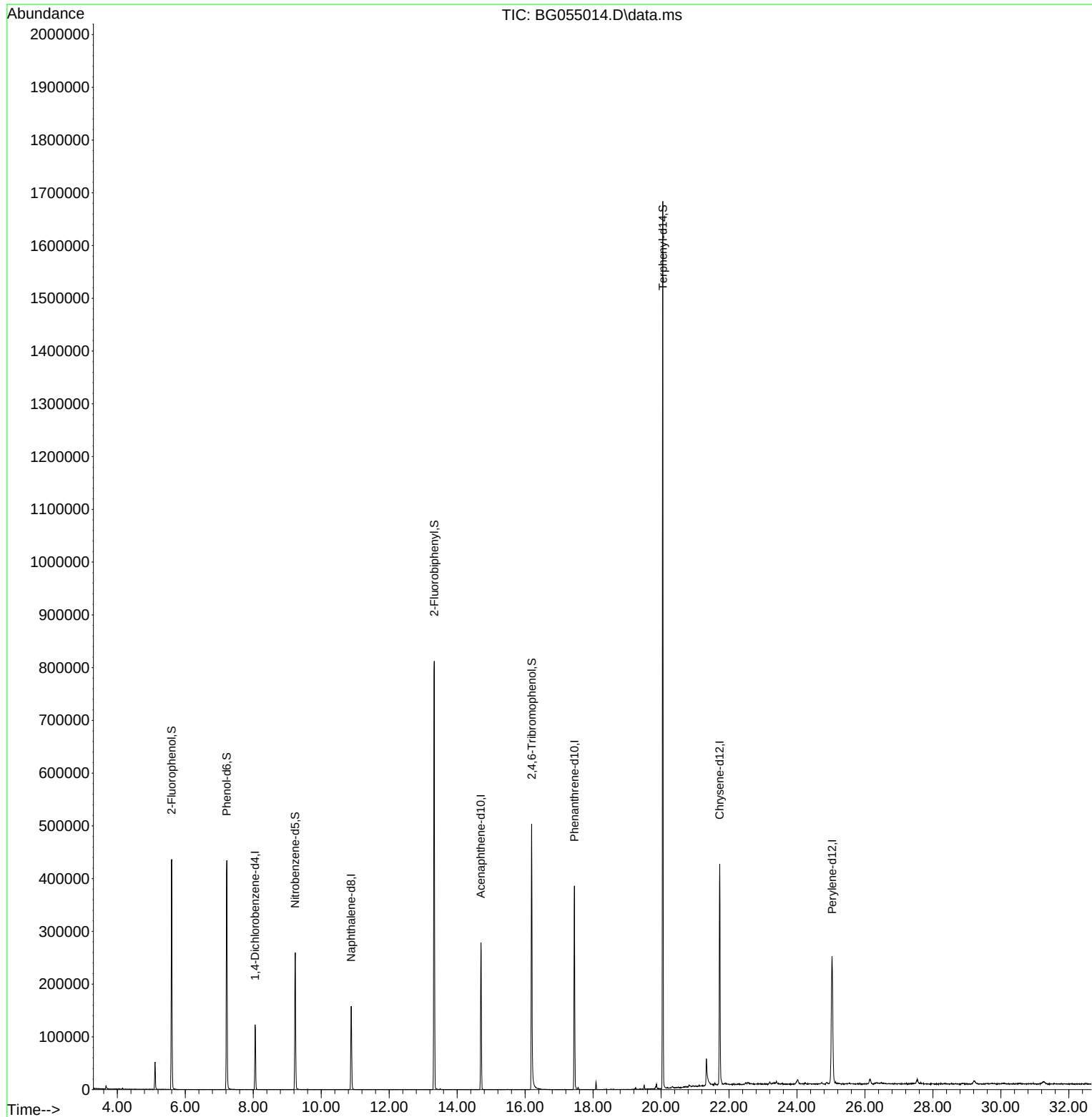
Target Compounds	Qvalue

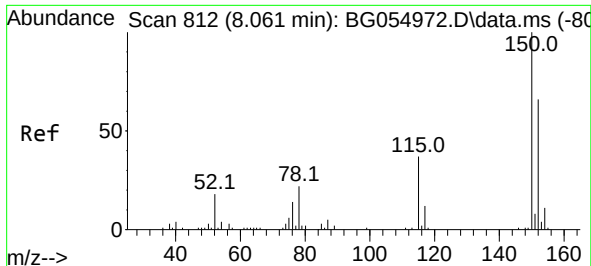
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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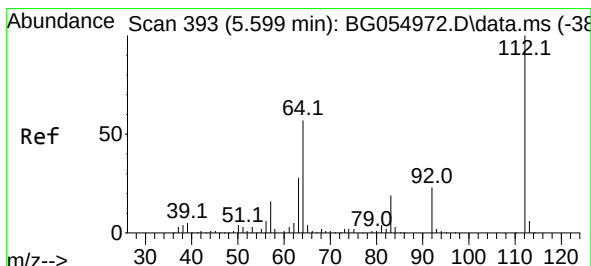
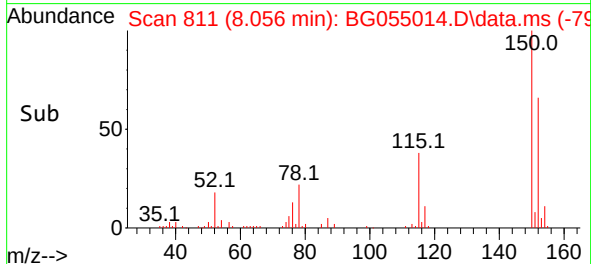
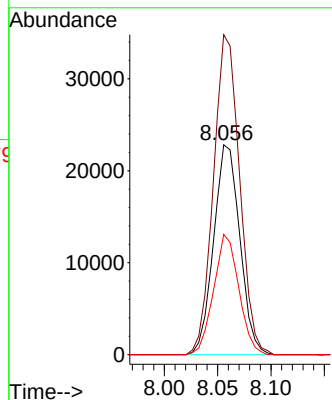
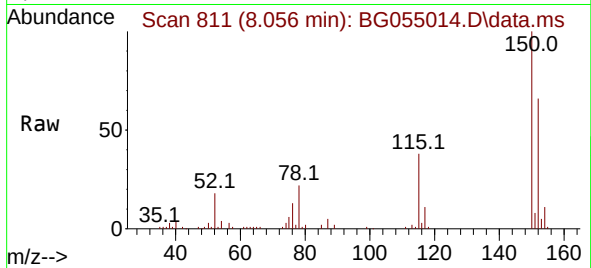




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.056 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

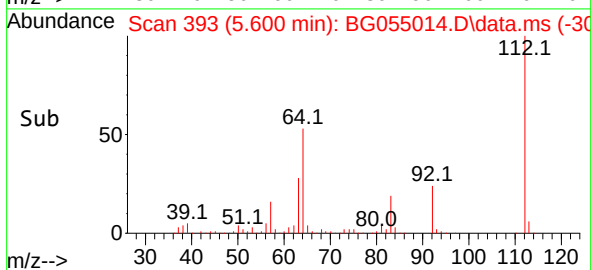
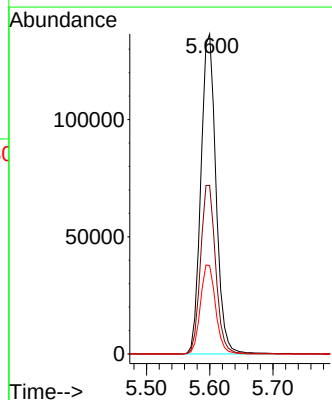
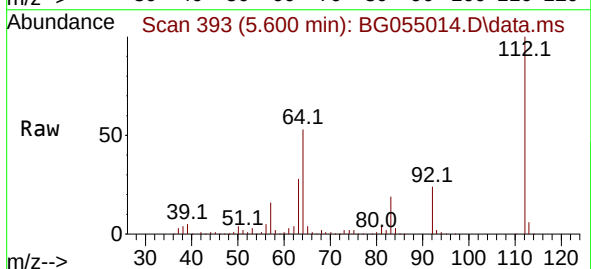
Instrument :
BNA_G
ClientSampleId :
PE-7

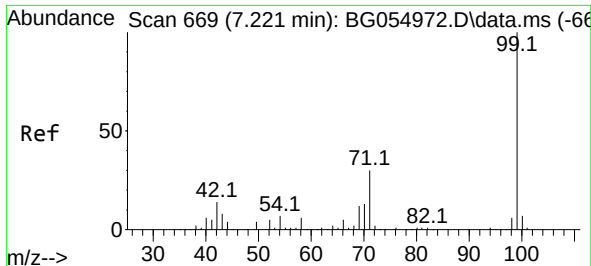
Tgt Ion:152 Resp: 38974
Ion Ratio Lower Upper
152 100
150 152.4 125.2 187.8
115 57.3 47.9 71.9



#5
2-Fluorophenol
Concen: 113.812 ng
RT: 5.600 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

Tgt Ion:112 Resp: 226695
Ion Ratio Lower Upper
112 100
64 52.7 49.3 73.9
63 27.6 26.3 39.5

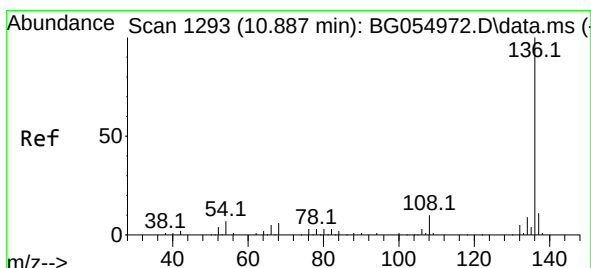
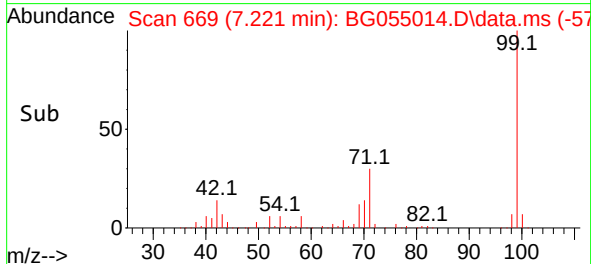
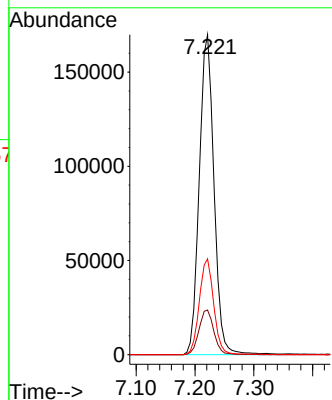
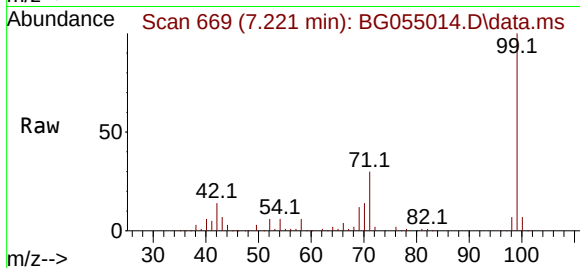




#7
Phenol-d6
Concen: 110.644 ng
RT: 7.221 min Scan# 669
Delta R.T. 0.001 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

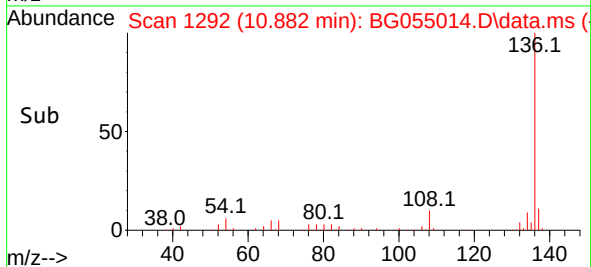
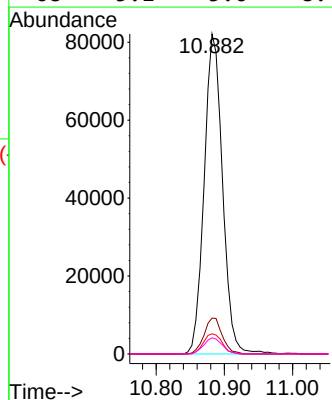
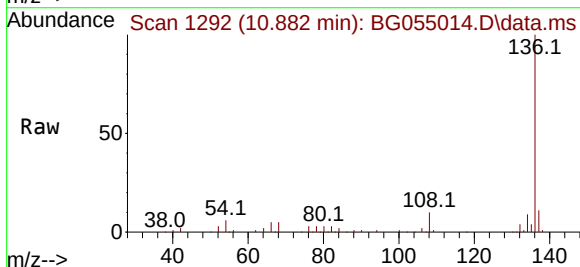
Instrument :
BNA_G
ClientSampleId :
PE-7

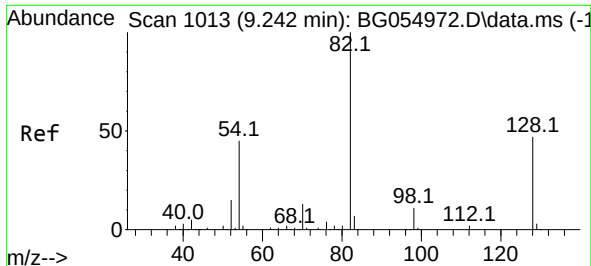
Tgt Ion: 99 Resp: 295398
Ion Ratio Lower Upper
99 100
42 13.9 14.6 22.0#
71 30.0 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.882 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

Tgt Ion: 136 Resp: 153527
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.3 7.7 11.5#
68 5.1 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 63.545 ng

RT: 9.237 min Scan# 1012

Delta R.T. -0.005 min

Lab File: BG055014.D

Acq: 23 Sep 2022 16:02

Instrument :

BNA_G

ClientSampleId :

PE-7

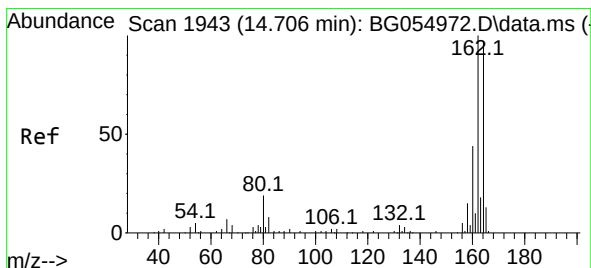
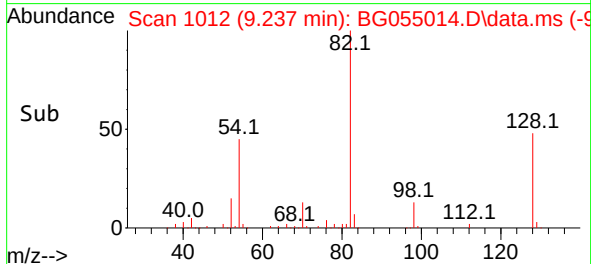
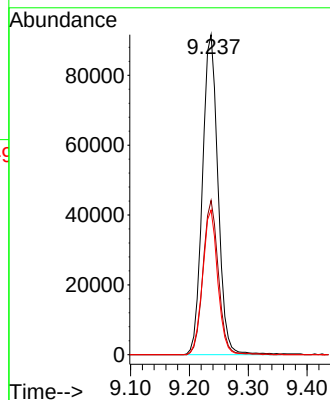
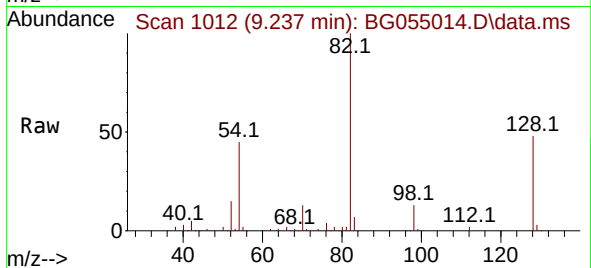
Tgt Ion: 82 Resp: 168315

Ion Ratio Lower Upper

82 100

128 48.2 32.2 48.2

54 45.2 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.701 min Scan# 1942

Delta R.T. -0.005 min

Lab File: BG055014.D

Acq: 23 Sep 2022 16:02

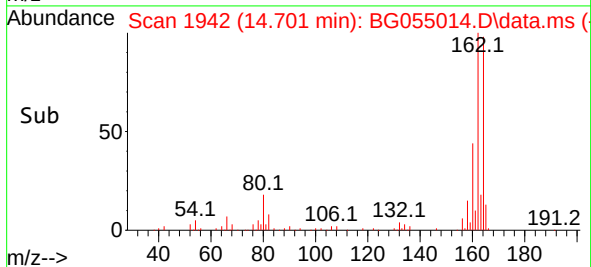
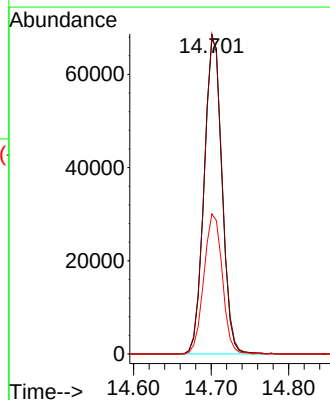
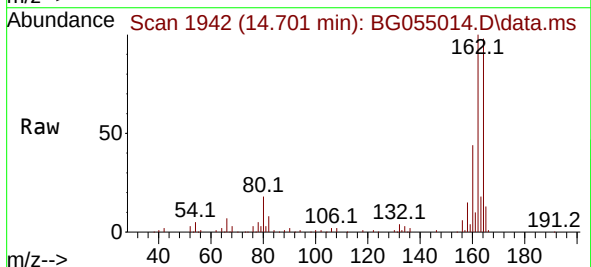
Tgt Ion:164 Resp: 108559

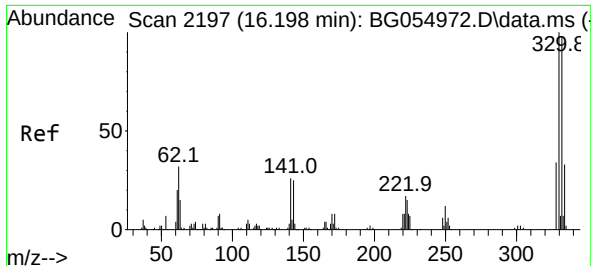
Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.4

160 44.5 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 106.147 ng

RT: 16.193 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055014.D

Acq: 23 Sep 2022 16:02

Instrument :

BNA_G

ClientSampleId :

PE-7

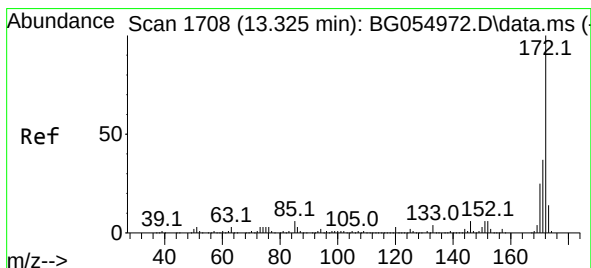
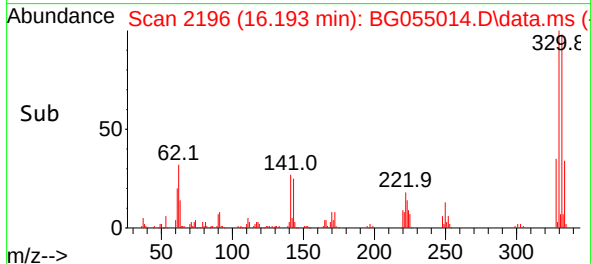
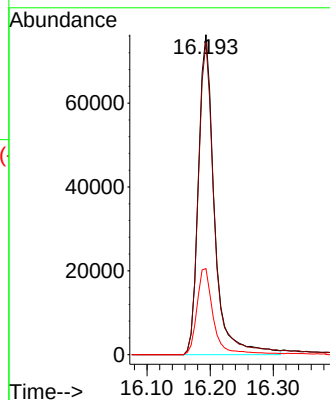
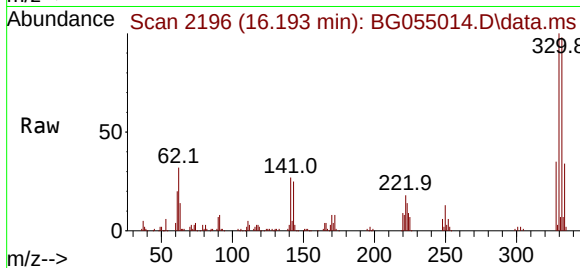
Tgt Ion:330 Resp: 134994

Ion Ratio Lower Upper

330 100

332 100.0 79.8 119.6

141 27.9 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 68.058 ng

RT: 13.326 min Scan# 1708

Delta R.T. 0.001 min

Lab File: BG055014.D

Acq: 23 Sep 2022 16:02

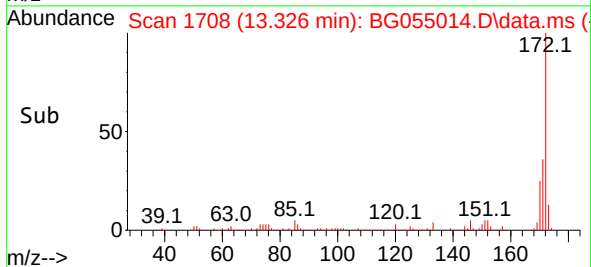
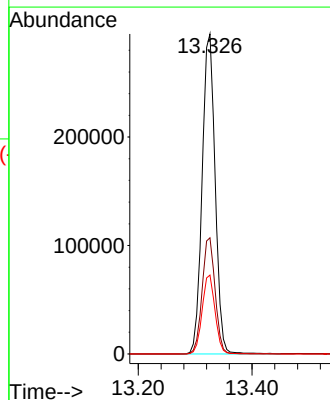
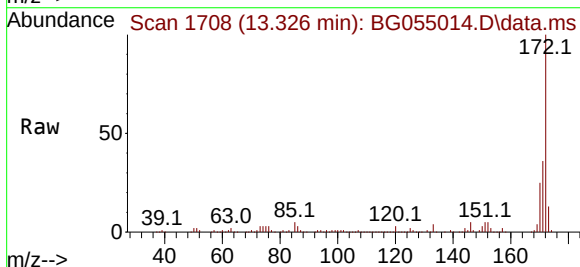
Tgt Ion:172 Resp: 468810

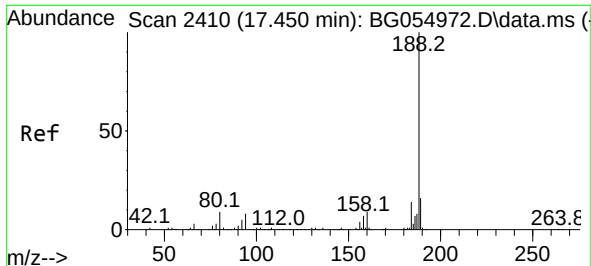
Ion Ratio Lower Upper

172 100

171 36.3 31.2 46.8

170 24.7 20.6 30.8

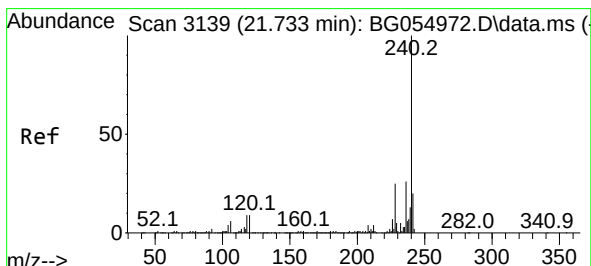
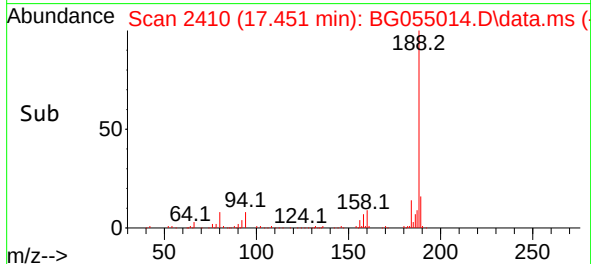
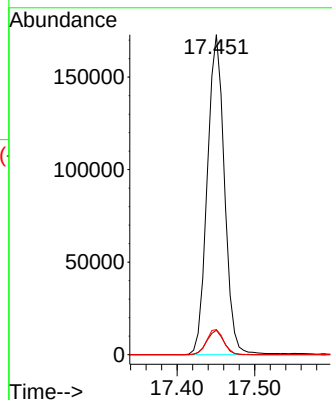
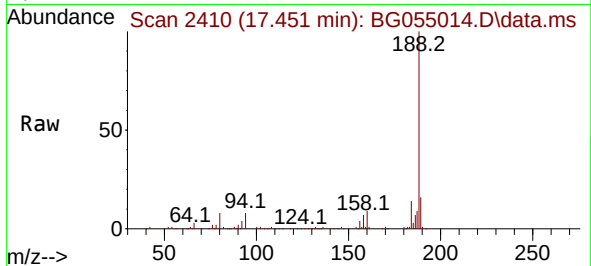




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 2410
Delta R.T. 0.001 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

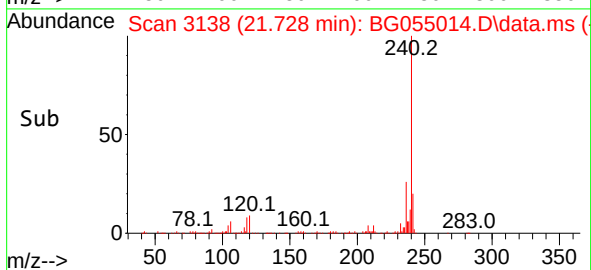
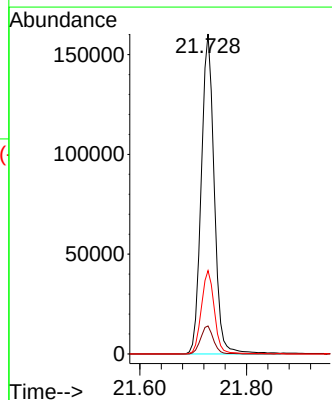
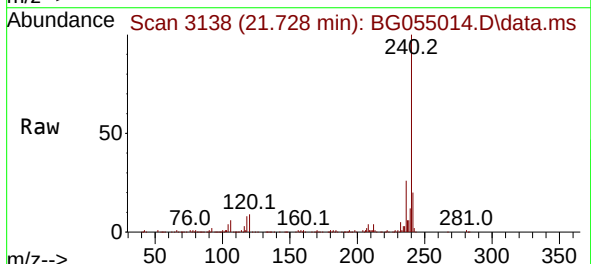
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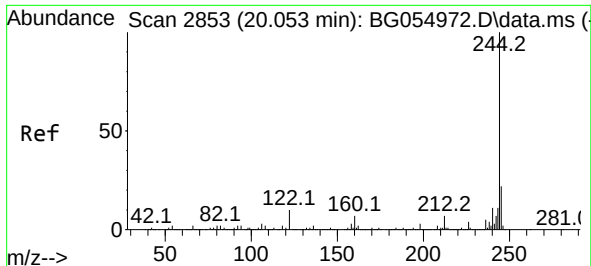
Tgt Ion:188 Resp: 265701
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 7.8 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

Tgt Ion:240 Resp: 270854
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.4
236 26.0 21.2 31.8

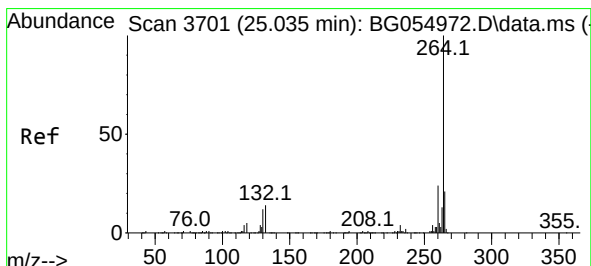
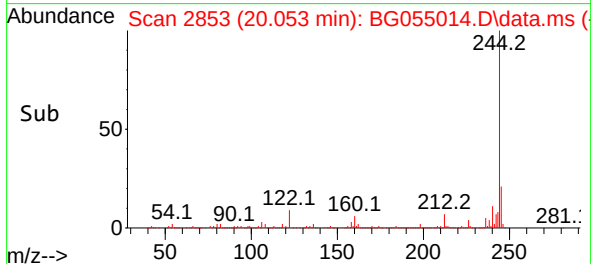
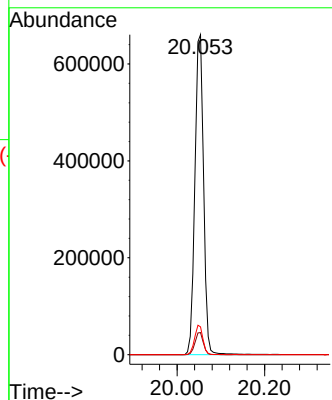
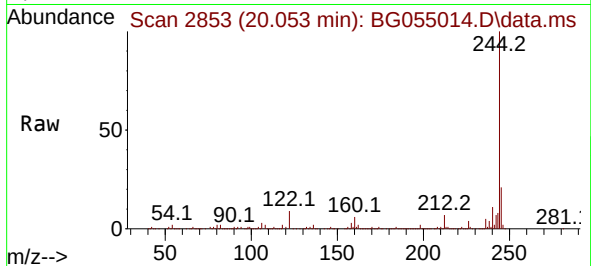




#79
 Terphenyl-d14
 Concen: 70.533 ng
 RT: 20.053 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG055014.D
 Acq: 23 Sep 2022 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PE-7

Tgt Ion:244 Resp: 913284
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.7 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.036 min Scan# 3701
 Delta R.T. 0.001 min
 Lab File: BG055014.D
 Acq: 23 Sep 2022 16:02

Tgt Ion:264 Resp: 285863
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.8 16.9 25.3

