

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051159.D
 Acq On : 20 Nov 2021 22:42
 Operator : CG/JU
 Sample : M4758-37
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP19

Quant Time: Nov 22 01:27:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	25466	20.000	ng	-0.01
21) Naphthalene-d8	11.031	136	107342	20.000	ng	# 0.00
39) Acenaphthene-d10	14.833	164	70272	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	161298	20.000	ng	# 0.00
76) Chrysene-d12	21.883	240	163471	20.000	ng	# 0.00
86) Perylene-d12	25.279	264	161442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	143162	86.903	ng	0.00
7) Phenol-d6	7.359	99	194042	83.629	ng	0.00
23) Nitrobenzene-d5	9.380	82	138159	58.754	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	65257	87.370	ng	0.00
45) 2-Fluorobiphenyl	13.452	172	275020	59.056	ng	0.00
79) Terphenyl-d14	20.173	244	453576	50.723	ng	0.00

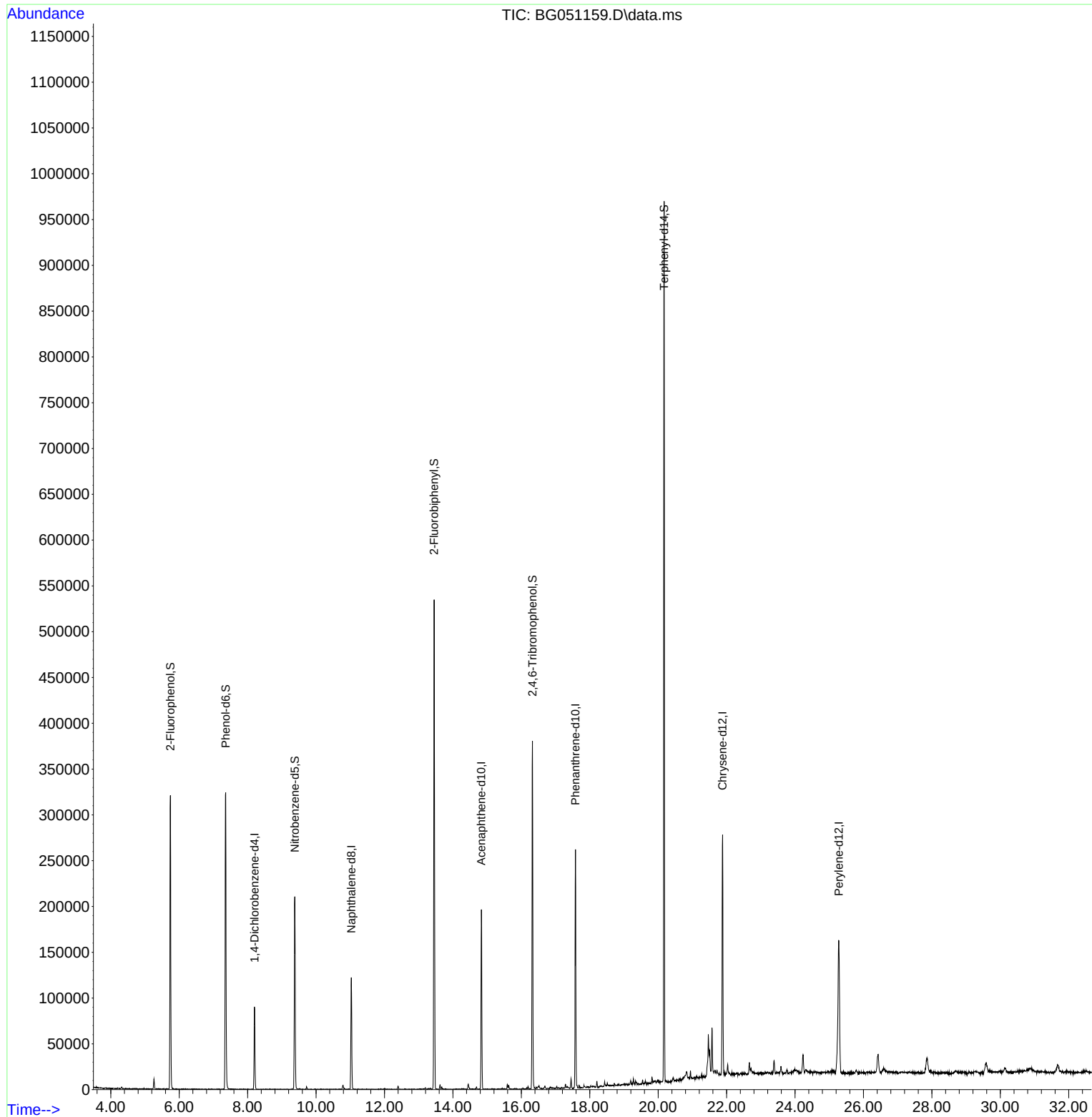
Target Compounds	Qvalue

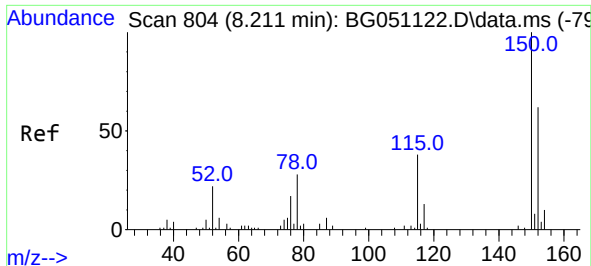
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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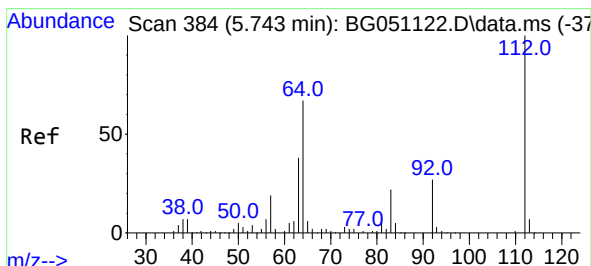
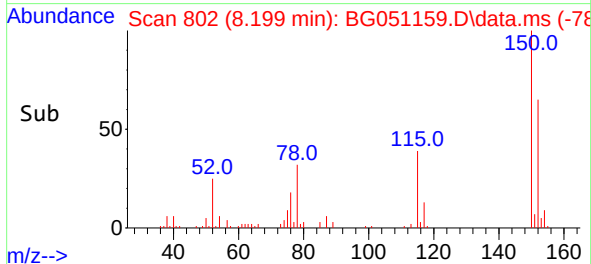
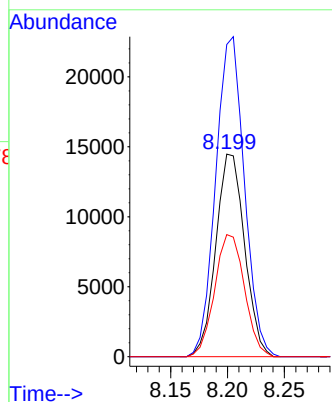
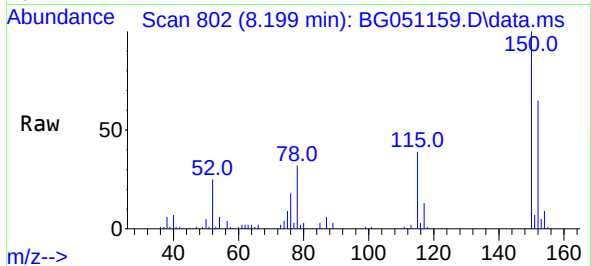




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.199 min Scan# 804
Delta R.T. -0.012 min
Lab File: BG051159.D
Acq: 20 Nov 2021 22:42

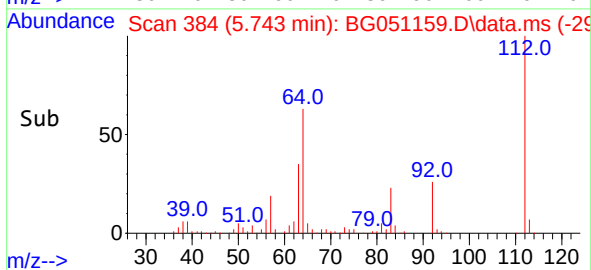
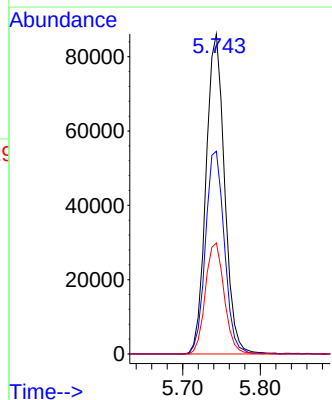
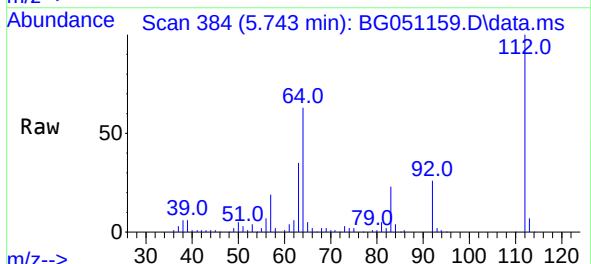
Instrument :
BNA_G
ClientSampleId :
TP19

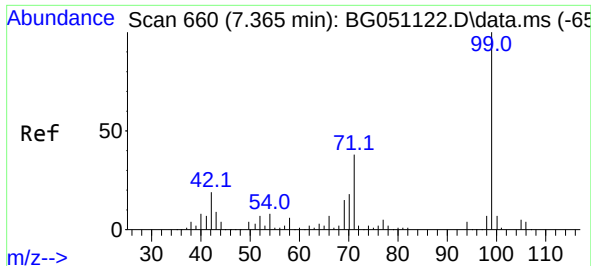
Tgt Ion:152 Resp: 25466
Ion Ratio Lower Upper
152 100
150 154.1 119.4 179.0
115 60.2 60.2 90.4



#5
2-Fluorophenol
Concen: 86.903 ng
RT: 5.743 min Scan# 384
Delta R.T. 0.000 min
Lab File: BG051159.D
Acq: 20 Nov 2021 22:42

Tgt Ion:112 Resp: 143162
Ion Ratio Lower Upper
112 100
64 63.3 46.7 70.1
63 34.7 35.3 52.9#

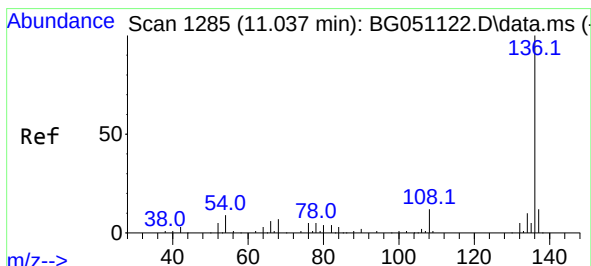
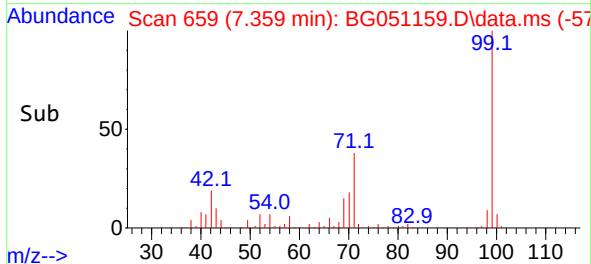
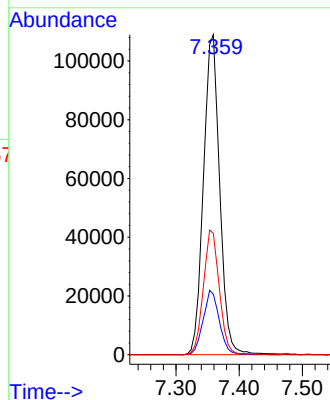
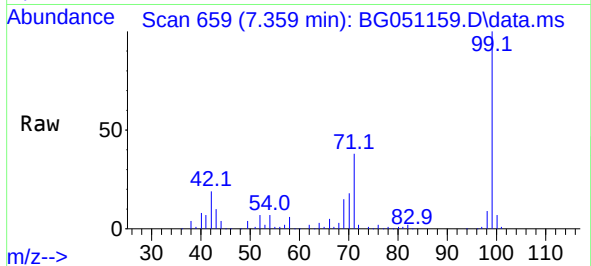




#7
Phenol-d6
Concen: 83.629 ng
RT: 7.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG051159.D
Acq: 20 Nov 2021 22:42

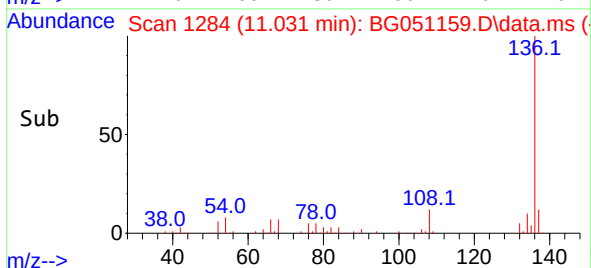
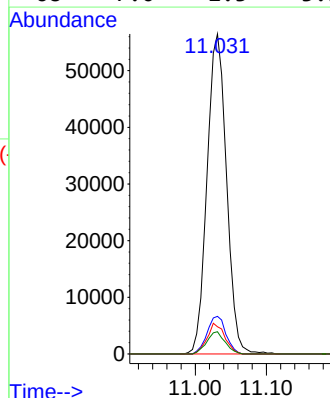
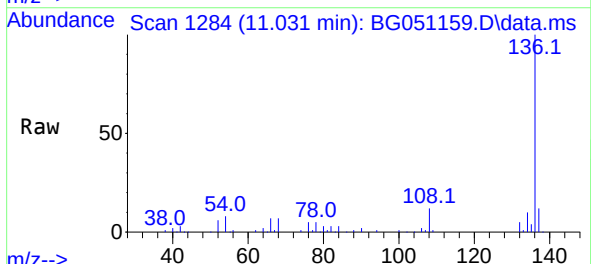
Instrument :
BNA_G
ClientSampleId :
TP19

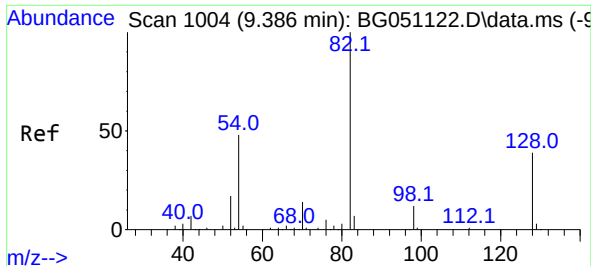
Tgt Ion: 99 Resp: 194042
Ion Ratio Lower Upper
99 100
42 18.9 20.5 30.7#
71 37.9 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.031 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BG051159.D
Acq: 20 Nov 2021 22:42

Tgt Ion:136 Resp: 107342
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.2
54 8.5 5.5 8.3#
68 7.0 2.3 3.5#

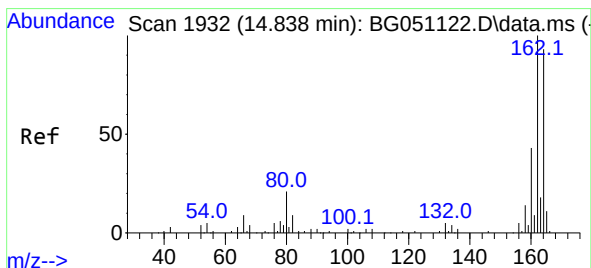
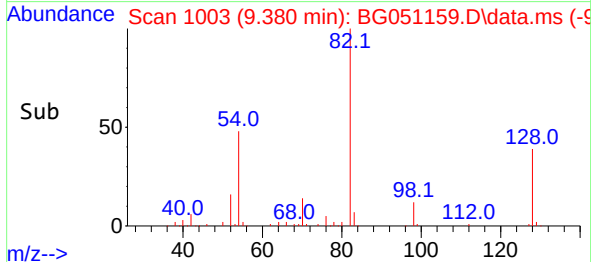
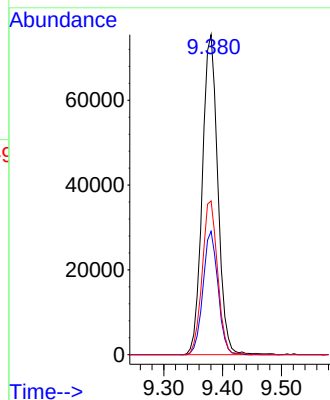
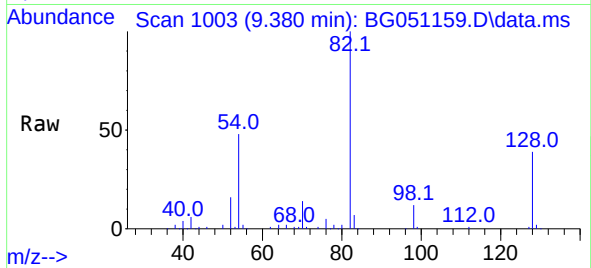




#23
 Nitrobenzene-d5
 Concen: 58.754 ng
 RT: 9.380 min Scan# 1003
 Delta R.T. -0.006 min
 Lab File: BG051159.D
 Acq: 20 Nov 2021 22:42

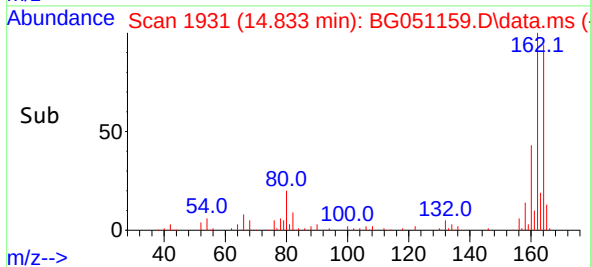
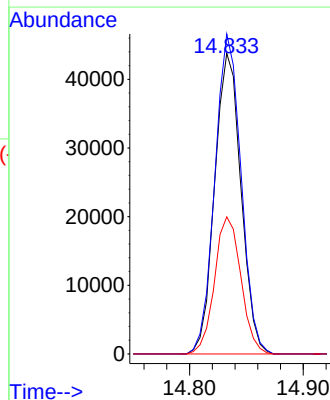
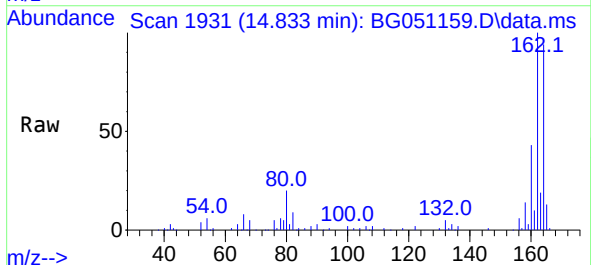
Instrument :
 BNA_G
 ClientSampleId :
 TP19

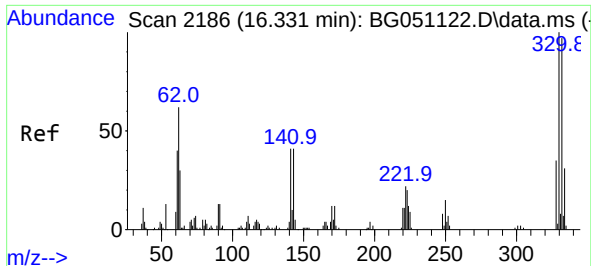
Tgt Ion: 82 Resp: 138159
 Ion Ratio Lower Upper
 82 100
 128 38.6 29.8 44.6
 54 48.0 45.8 68.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.833 min Scan# 1931
 Delta R.T. -0.005 min
 Lab File: BG051159.D
 Acq: 20 Nov 2021 22:42

Tgt Ion:164 Resp: 70272
 Ion Ratio Lower Upper
 164 100
 162 106.4 81.4 122.0
 160 45.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 87.370 ng

RT: 16.325 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG051159.D

Acq: 20 Nov 2021 22:42

Instrument :

BNA_G

ClientSampleId :

TP19

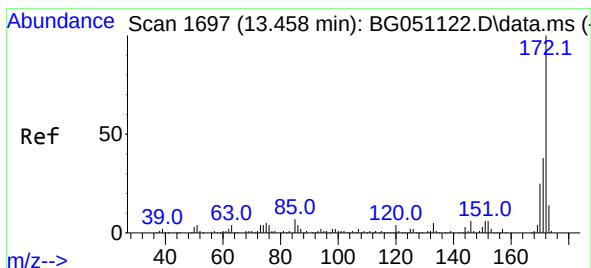
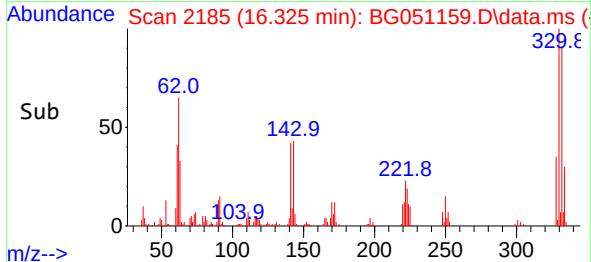
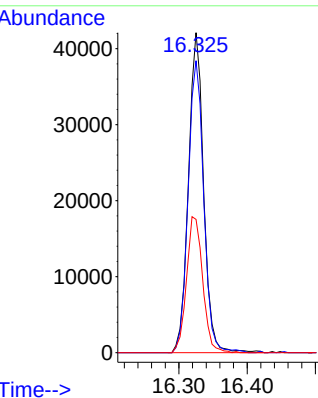
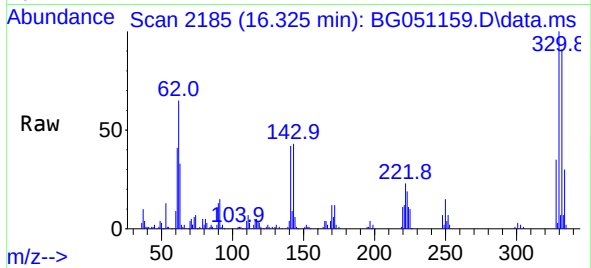
Tgt Ion:330 Resp: 65257

Ion Ratio Lower Upper

330 100

332 93.6 77.3 115.9

141 45.3 35.6 53.4



#45

2-Fluorobiphenyl

Concen: 59.056 ng

RT: 13.452 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BG051159.D

Acq: 20 Nov 2021 22:42

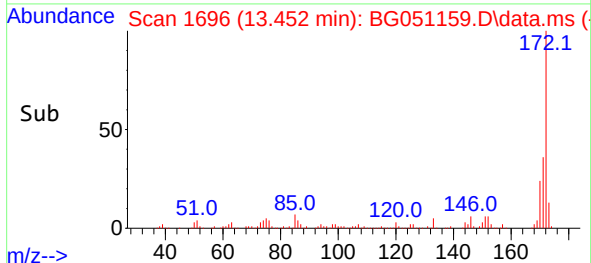
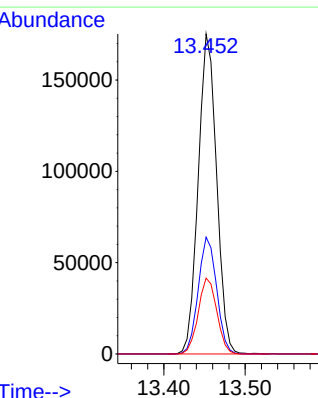
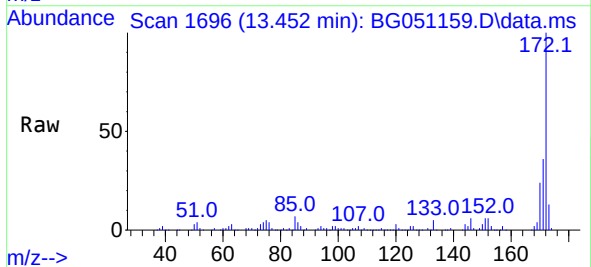
Tgt Ion:172 Resp: 275020

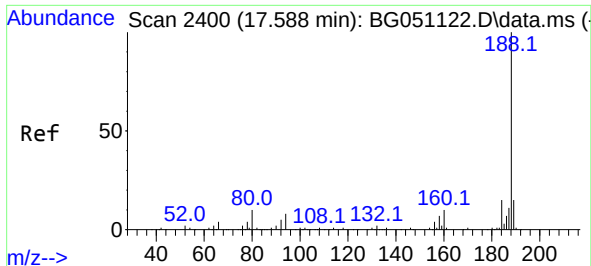
Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

170 23.7 18.6 27.8

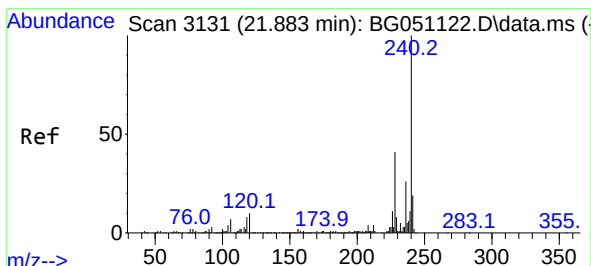
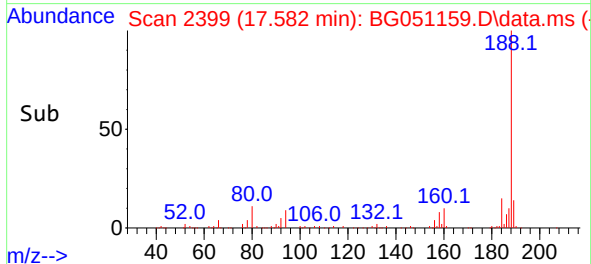
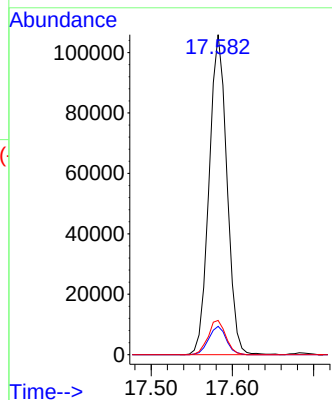
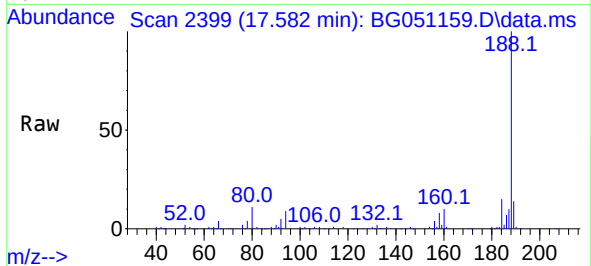




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG051159.D
Acq: 20 Nov 2021 22:42

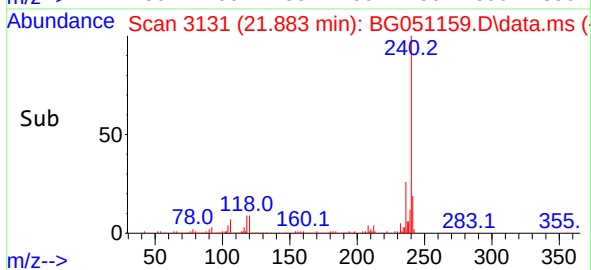
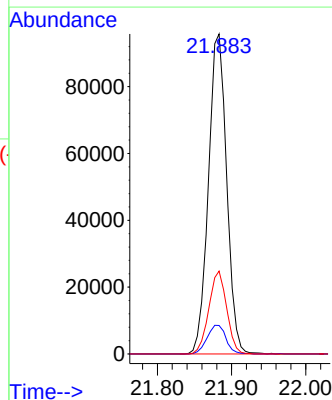
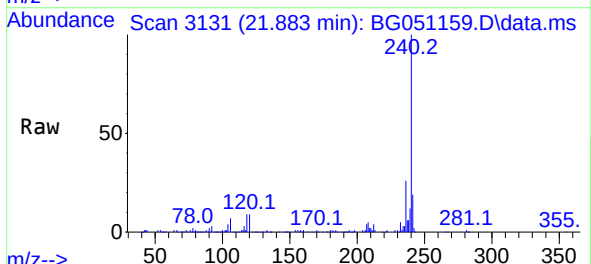
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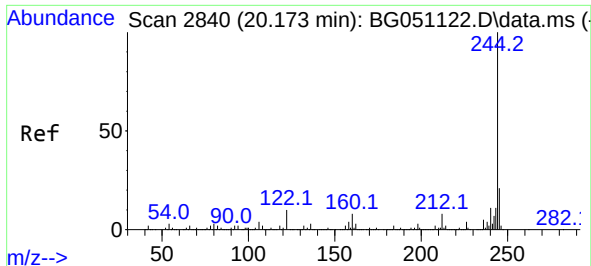
Tgt Ion:188 Resp: 161298
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 10.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BG051159.D
Acq: 20 Nov 2021 22:42

Tgt Ion:240 Resp: 163471
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.2#
236 25.9 21.8 32.6

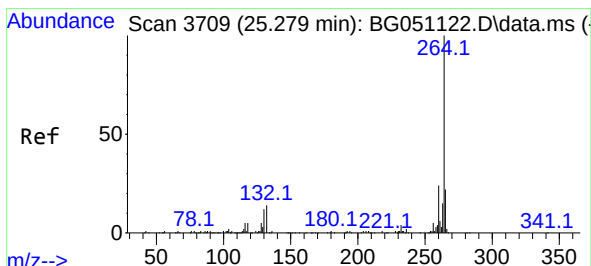
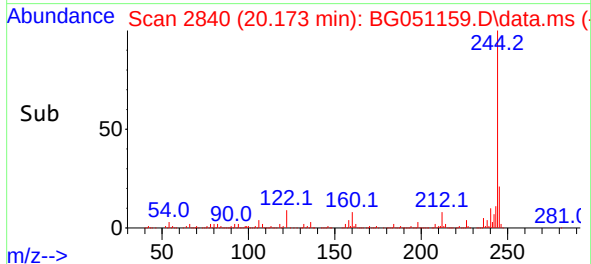
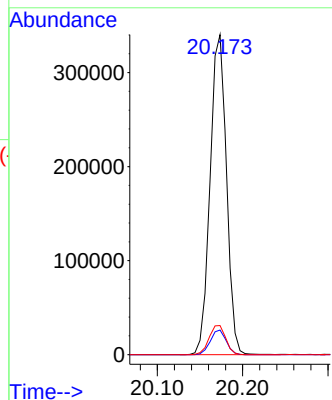
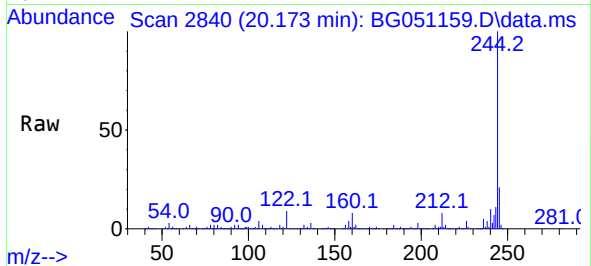




#79
 Terphenyl-d14
 Concen: 50.723 ng
 RT: 20.173 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG051159.D
 Acq: 20 Nov 2021 22:42

Instrument :
 BNA_G
 ClientSampleId :
 TP19

Tgt Ion:244 Resp: 453576
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.9 10.3
 122 9.1 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.279 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: BG051159.D
 Acq: 20 Nov 2021 22:42

Tgt Ion:264 Resp: 161442
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.4 29.2
 265 22.9 16.9 25.3

