

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051166.D
 Acq On : 22 Nov 2021 10:47
 Operator : CG/JU
 Sample : PB140911TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140911TB

Quant Time: Nov 22 17:16:21 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	8.207	152	24742	20.000	ng	# 0.00
21) Naphthalene-d8	11.034	136	108719	20.000	ng	# 0.00
39) Acenaphthene-d10	14.835	164	78323	20.000	ng	0.00
64) Phenanthrene-d10	17.585	188	186678	20.000	ng	# 0.00
76) Chrysene-d12	21.886	240	181043	20.000	ng	# 0.00
86) Perylene-d12	25.293	264	176622	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	224544	140.292	ng	0.00
7) Phenol-d6	7.361	99	300331	133.226	ng	0.00
23) Nitrobenzene-d5	9.383	82	202174	84.888	ng	0.00
42) 2,4,6-Tribromophenol	16.327	330	111788	134.284	ng	0.00
45) 2-Fluorobiphenyl	13.460	172	440513	84.869	ng	0.00
79) Terphenyl-d14	20.176	244	838716	84.690	ng	0.00

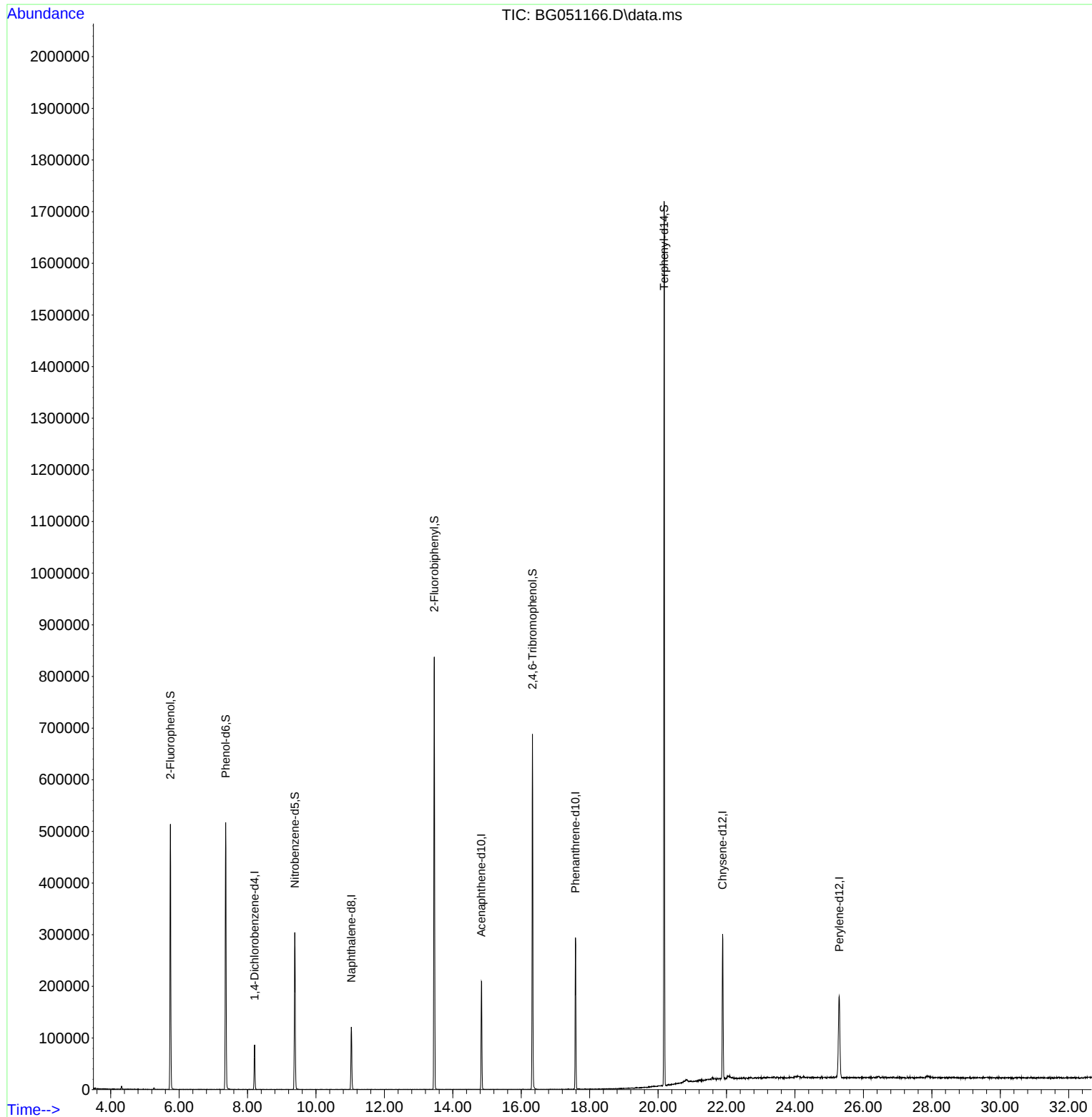
Target Compounds	Qvalue

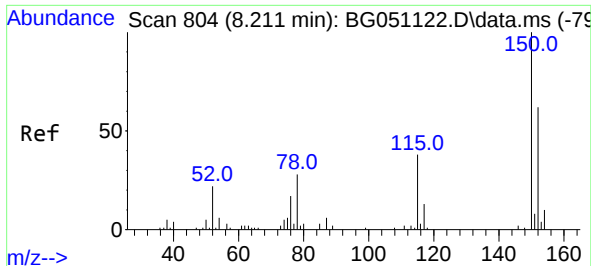
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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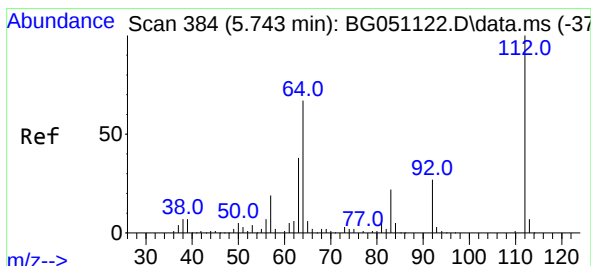
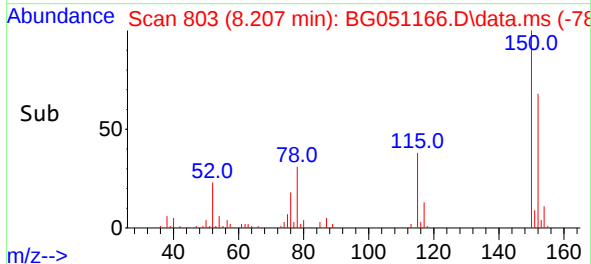
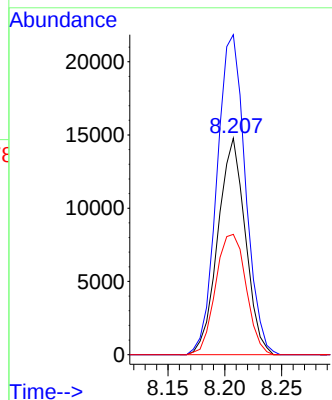
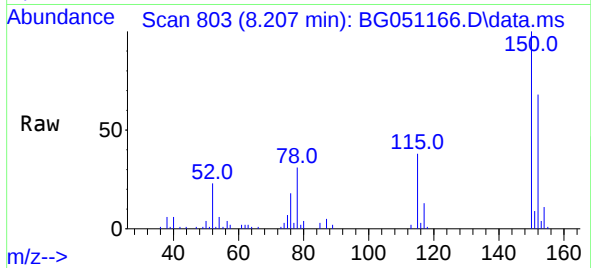




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.207 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG051166.D
Acq: 22 Nov 2021 10:47

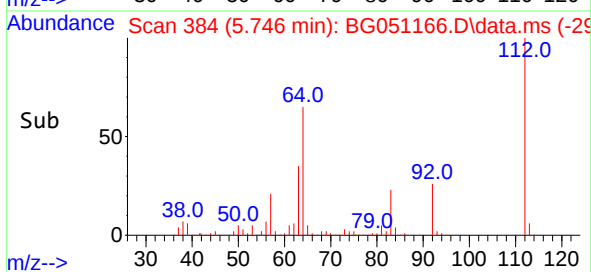
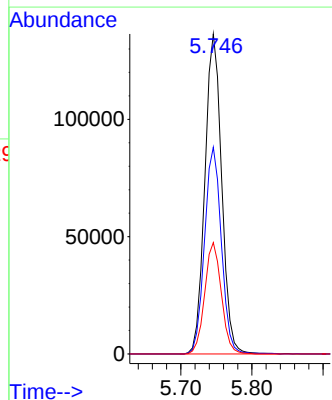
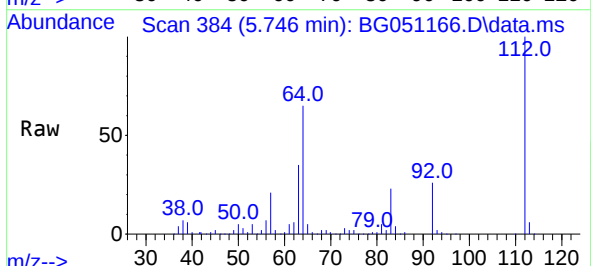
Instrument :
BNA_G
ClientSampleId :
PB140911TB

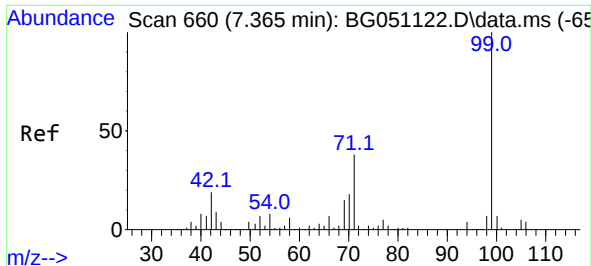
Tgt Ion:152 Resp: 24742
Ion Ratio Lower Upper
152 100
150 147.8 119.4 179.0
115 55.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 140.292 ng
RT: 5.746 min Scan# 384
Delta R.T. 0.002 min
Lab File: BG051166.D
Acq: 22 Nov 2021 10:47

Tgt Ion:112 Resp: 224544
Ion Ratio Lower Upper
112 100
64 64.6 46.7 70.1
63 34.8 35.3 52.9#

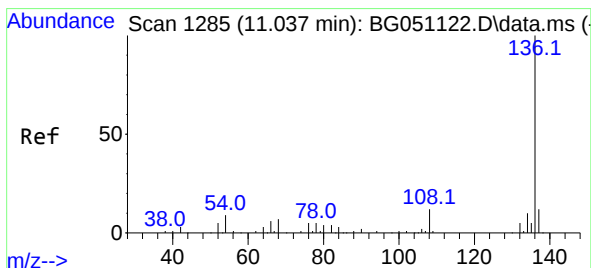
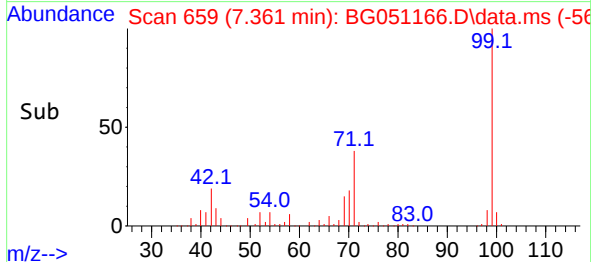
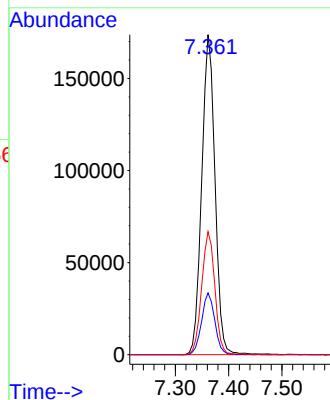
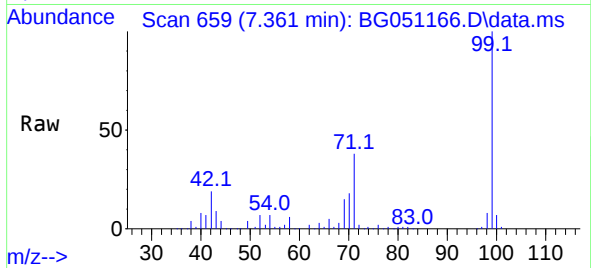




#7
Phenol-d6
Concen: 133.226 ng
RT: 7.361 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG051166.D
Acq: 22 Nov 2021 10:47

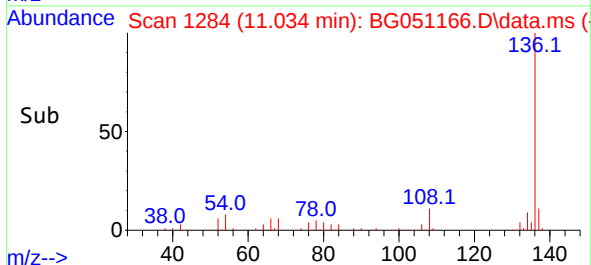
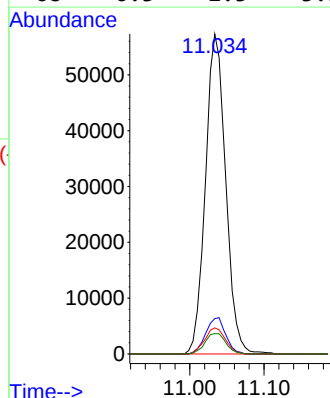
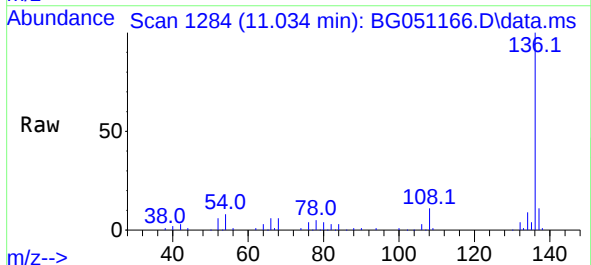
Instrument :
BNA_G
ClientSampleId :
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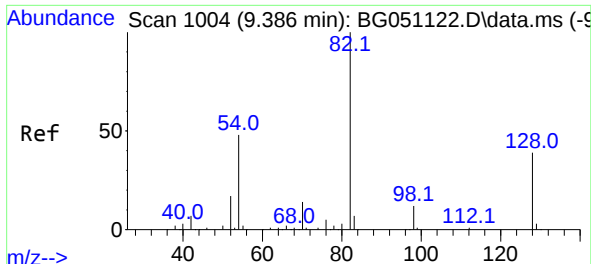
Tgt Ion: 99 Resp: 300331
Ion Ratio Lower Upper
99 100
42 19.3 20.5 30.7#
71 38.5 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.034 min Scan# 1284
Delta R.T. -0.003 min
Lab File: BG051166.D
Acq: 22 Nov 2021 10:47

Tgt Ion:136 Resp: 108719
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 8.1 5.5 8.3
68 6.3 2.3 3.5#

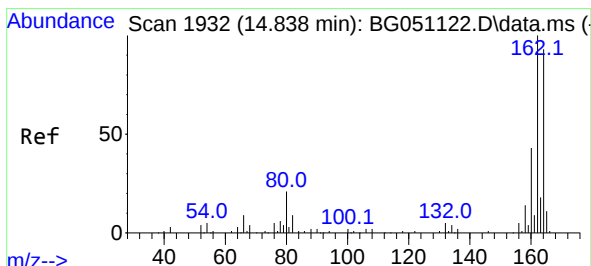
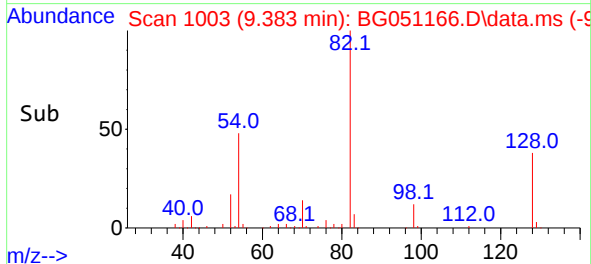
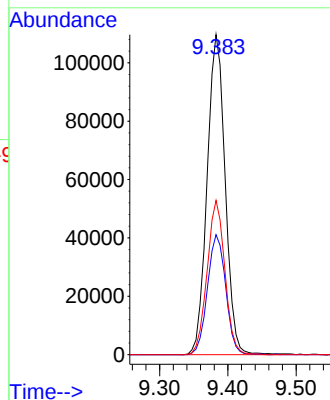
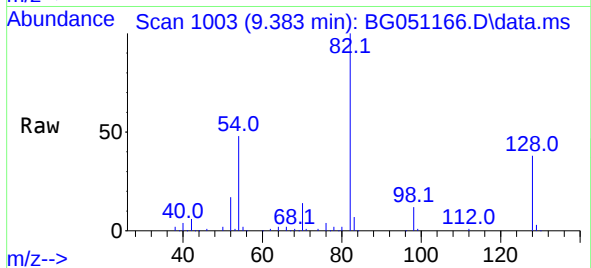




#23
Nitrobenzene-d5
Concen: 84.888 ng
RT: 9.383 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG051166.D
Acq: 22 Nov 2021 10:47

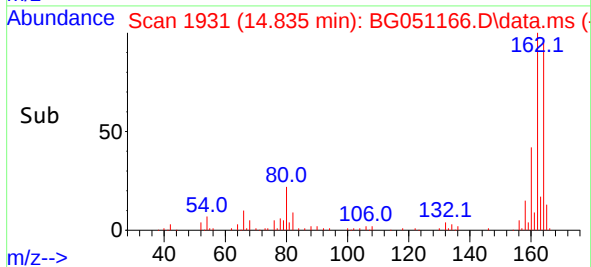
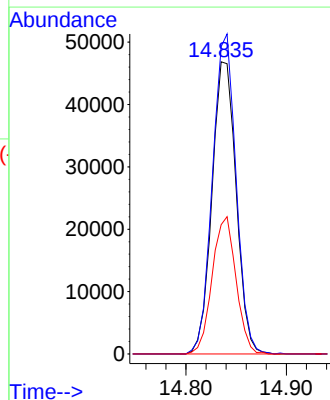
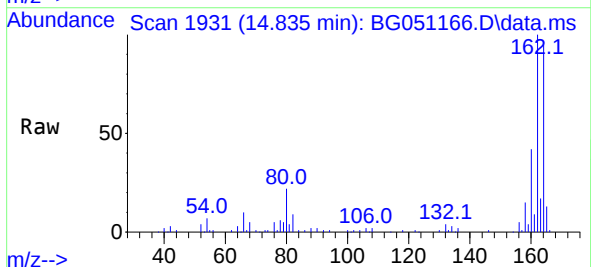
Instrument :
BNA_G
ClientSampleId :
PB140911TB

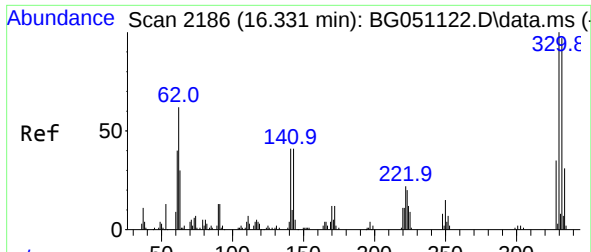
Tgt Ion: 82 Resp: 202174
Ion Ratio Lower Upper
82 100
128 37.5 29.8 44.6
54 48.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.835 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG051166.D
Acq: 22 Nov 2021 10:47

Tgt Ion:164 Resp: 78323
Ion Ratio Lower Upper
164 100
162 105.2 81.4 122.0
160 44.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 134.284 ng

RT: 16.327 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG051166.D

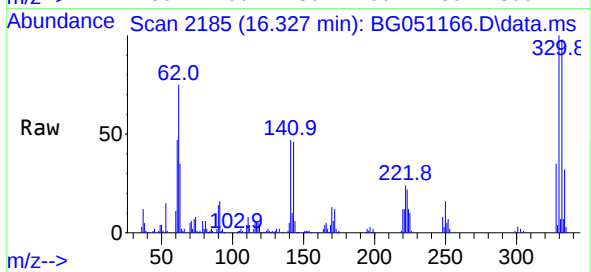
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Instrument :

BNA_G

ClientSampleId :

PB140911TB



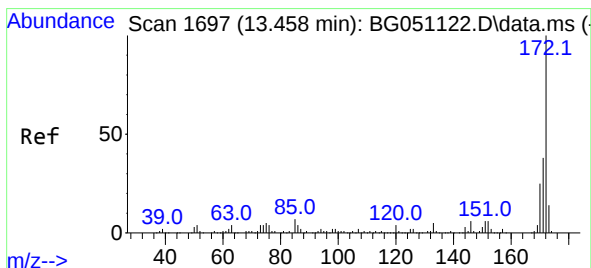
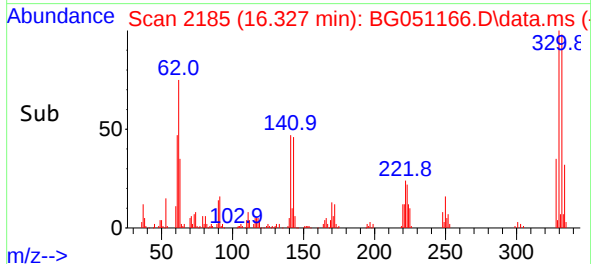
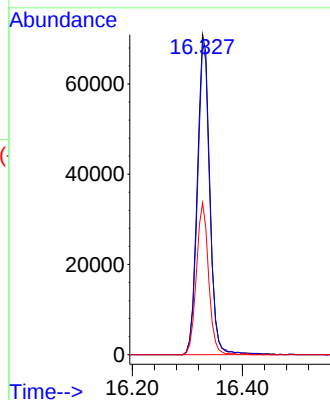
Tgt Ion:330 Resp: 111788

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 46.0 35.6 53.4



#45

2-Fluorobiphenyl

Concen: 84.869 ng

RT: 13.460 min Scan# 1697

Delta R.T. 0.002 min

Lab File: BG051166.D

Acq: 22 Nov 2021 10:47

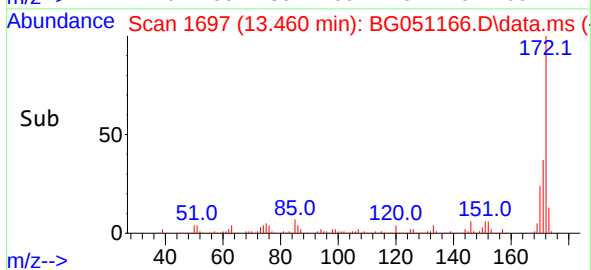
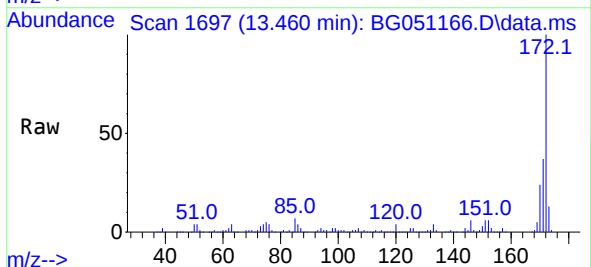
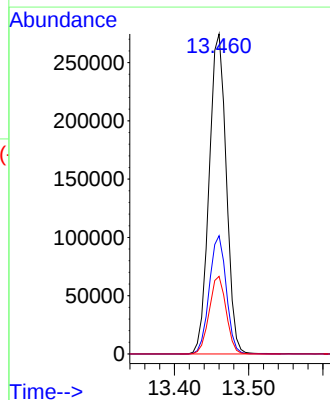
Tgt Ion:172 Resp: 440513

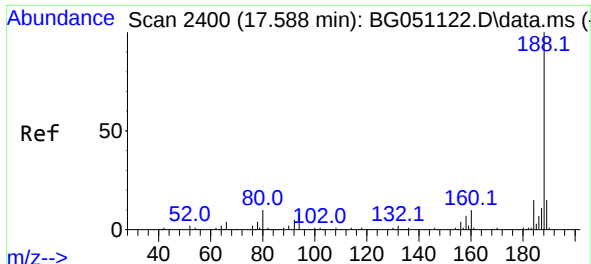
Ion Ratio Lower Upper

172 100

171 37.0 28.6 43.0

170 24.2 18.6 27.8

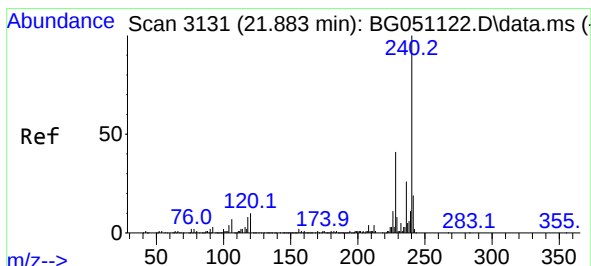
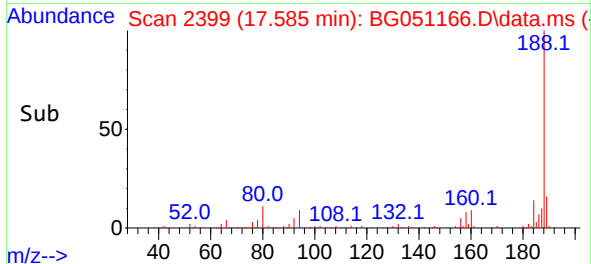
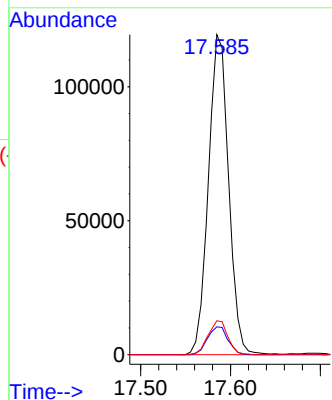
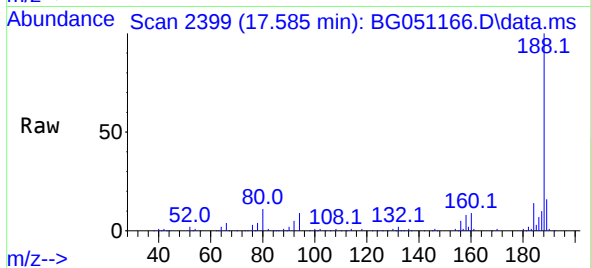




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.585 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG051166.D
Acq: 22 Nov 2021 10:47

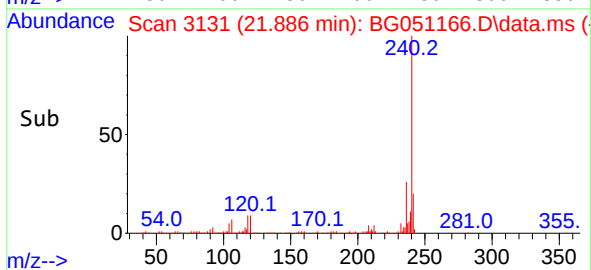
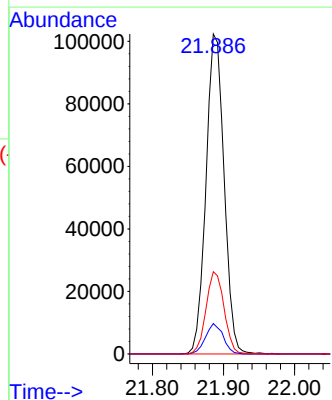
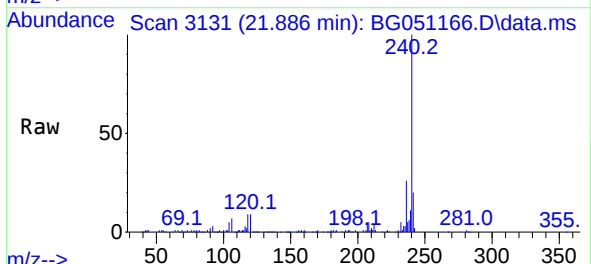
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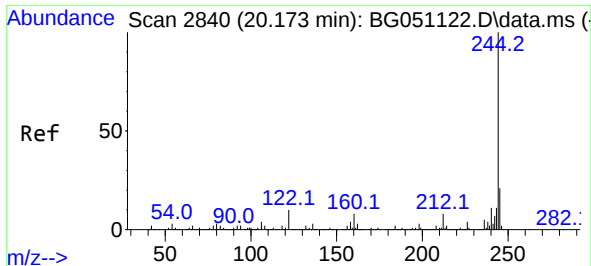
Tgt Ion:188 Resp: 186678
Ion Ratio Lower Upper
188 100
94 8.7 5.4 8.0#
80 10.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3131
Delta R.T. 0.002 min
Lab File: BG051166.D
Acq: 22 Nov 2021 10:47

Tgt Ion:240 Resp: 181043
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 25.7 21.8 32.6

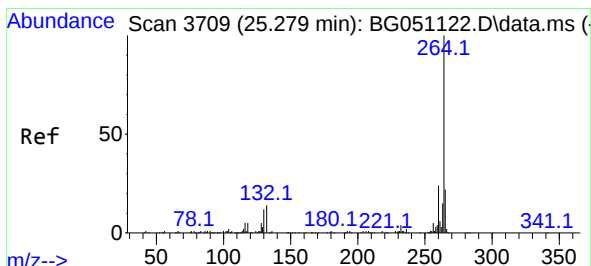
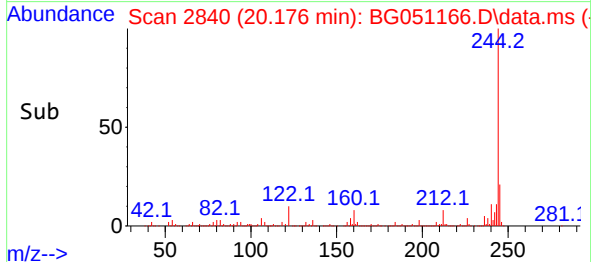
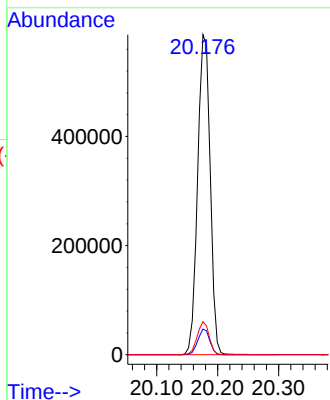
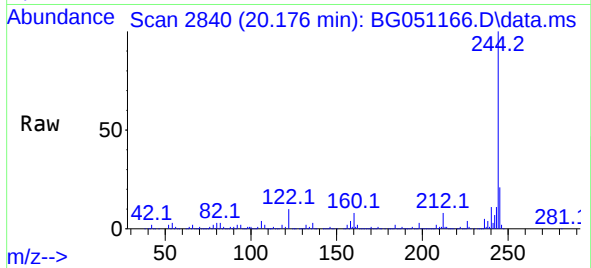




#79
 Terphenyl-d14
 Concen: 84.690 ng
 RT: 20.176 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG051166.D
 Acq: 22 Nov 2021 10:47

Instrument :
 BNA_G
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 PB140911TB

Tgt Ion:244 Resp: 838716
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 10.3 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.293 min Scan# 3711
 Delta R.T. 0.014 min
 Lab File: BG051166.D
 Acq: 22 Nov 2021 10:47

Tgt Ion:264 Resp: 176622
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.1 16.9 25.3

