

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051073.D
 Acq On : 16 Nov 2021 19:16
 Operator : CG/JU
 Sample : M4659-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HB-2-(6-6.5)-11-10-21

Quant Time: Nov 17 00:42:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	32124	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	127073	20.000	ng	# 0.00
39) Acenaphthene-d10	14.854	164	83653	20.000	ng	0.00
64) Phenanthrene-d10	17.597	188	203302	20.000	ng	# 0.00
76) Chrysene-d12	21.892	240	198930	20.000	ng	# 0.00
86) Perylene-d12	25.300	264	201854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	212520	98.963	ng	0.00
7) Phenol-d6	7.368	99	272785	89.997	ng	0.00
23) Nitrobenzene-d5	9.395	82	180411	62.847	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	91040	108.751	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	328311	62.011	ng	0.00
79) Terphenyl-d14	20.188	244	610976	56.198	ng	0.00

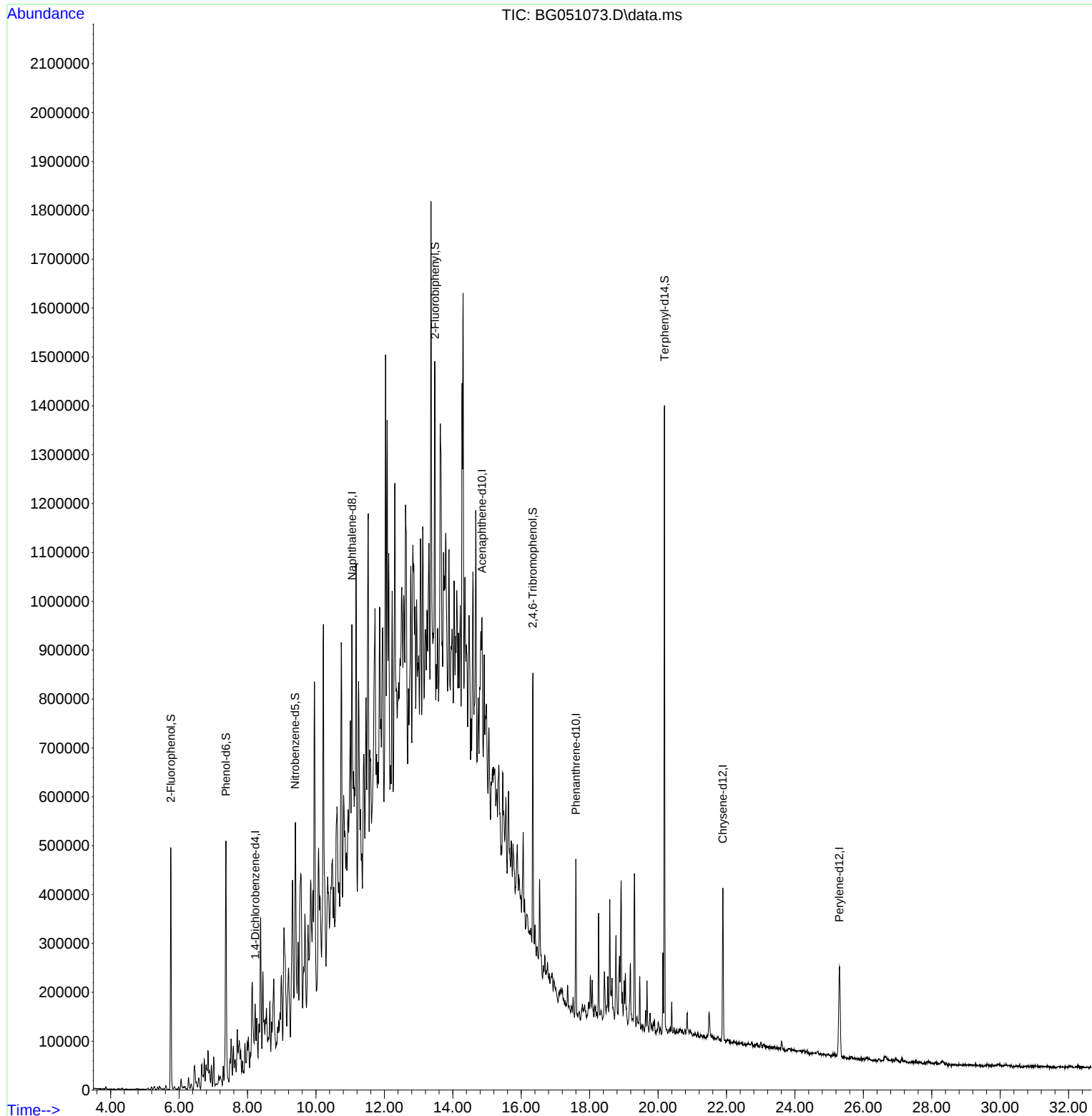
Target Compounds	Qvalue

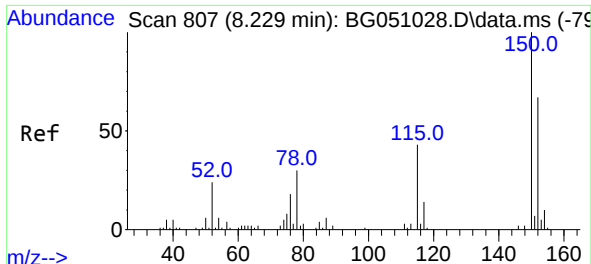
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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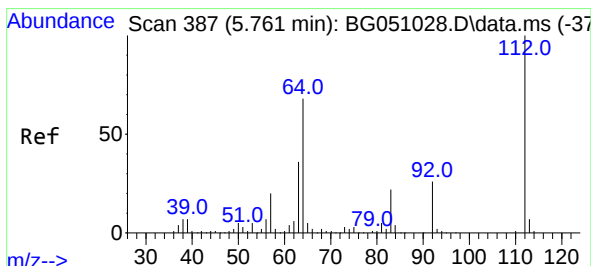
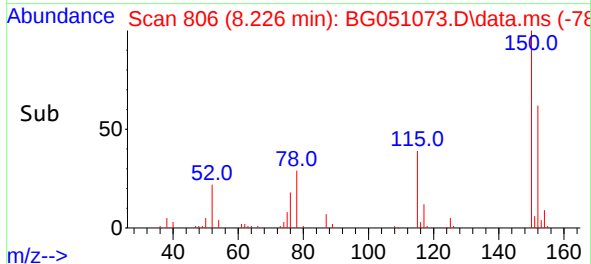
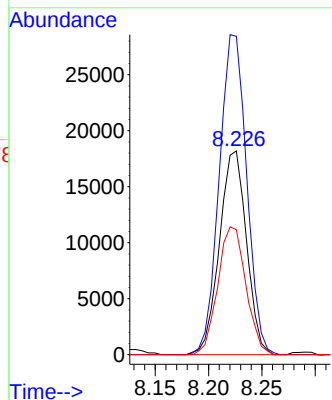
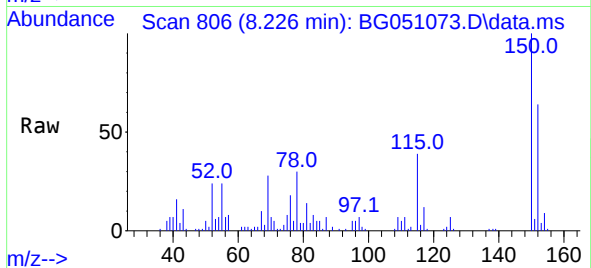




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 807
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

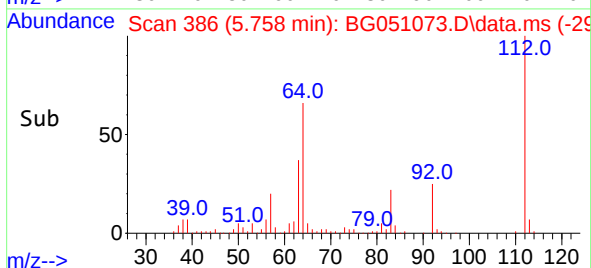
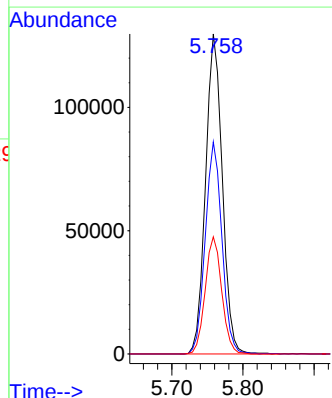
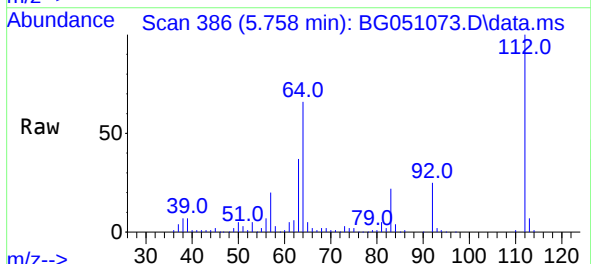
Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

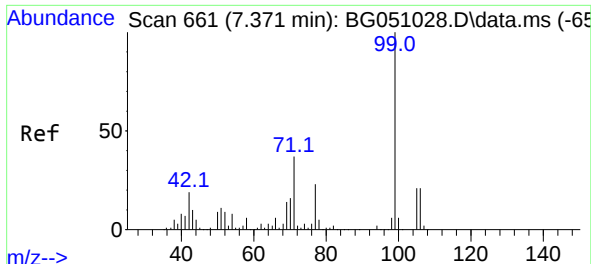
Tgt Ion:152 Resp: 32124
Ion Ratio Lower Upper
152 100
150 156.4 119.4 179.0
115 61.3 60.2 90.4



#5
2-Fluorophenol
Concen: 98.963 ng
RT: 5.758 min Scan# 386
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion:112 Resp: 212520
Ion Ratio Lower Upper
112 100
64 66.2 46.7 70.1
63 36.6 35.3 52.9

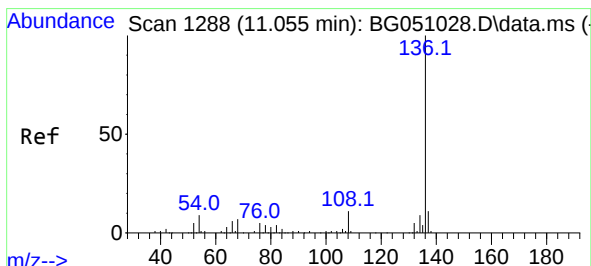
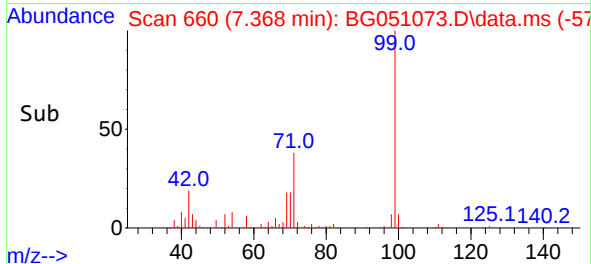
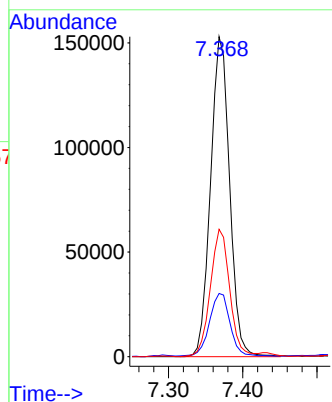
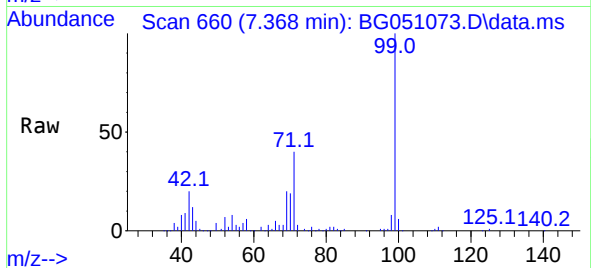




#7
Phenol-d6
Concen: 89.997 ng
RT: 7.368 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

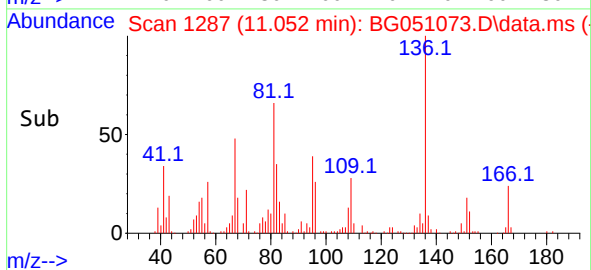
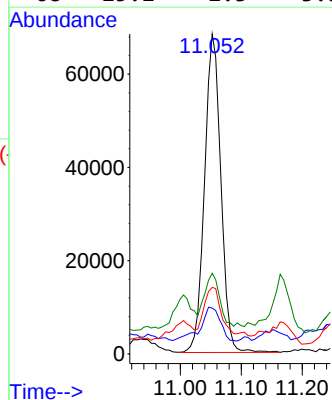
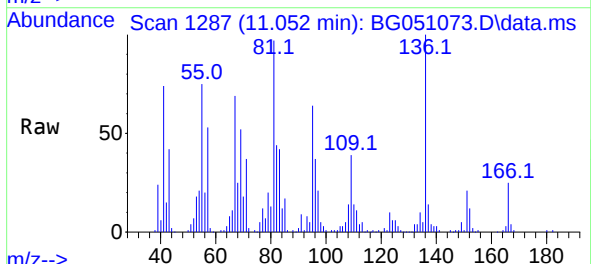
Instrument :
BNA_G
ClientSampleId :
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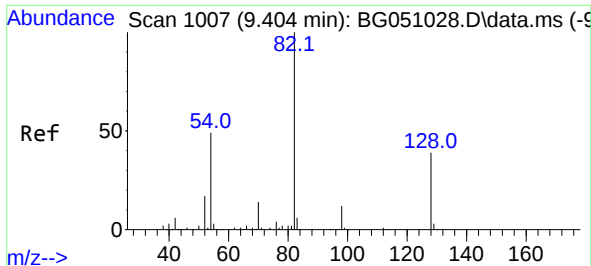
Tgt Ion: 99 Resp: 272785
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 39.8 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 1287
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion: 136 Resp: 127073
Ion Ratio Lower Upper
136 100
137 14.3 8.2 12.2#
54 20.8 5.5 8.3#
68 25.2 2.3 3.5#

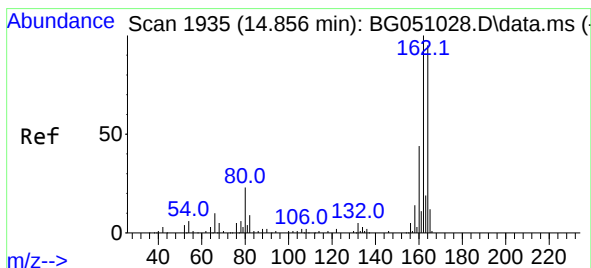
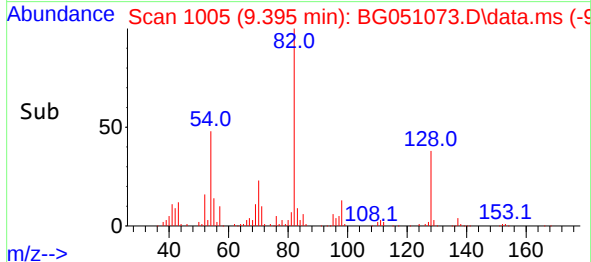
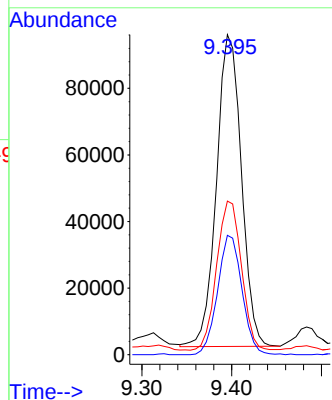
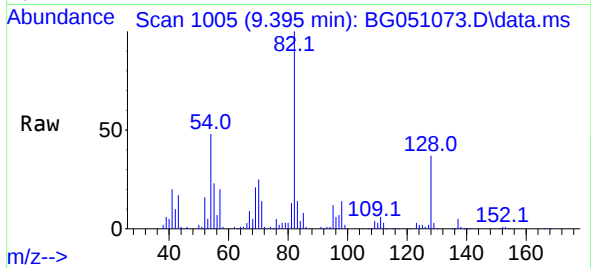




#23
Nitrobenzene-d5
Concen: 62.847 ng
RT: 9.395 min Scan# 10
Delta R.T. -0.009 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

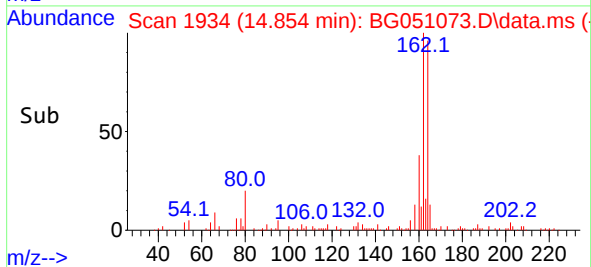
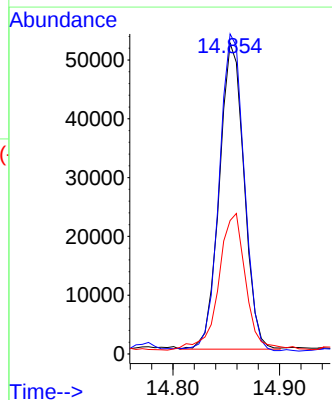
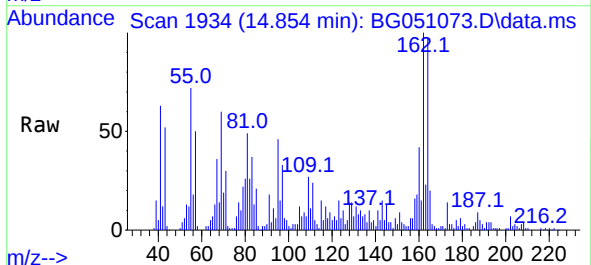
Instrument :
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HB-2-(6-6.5)-11-10-21

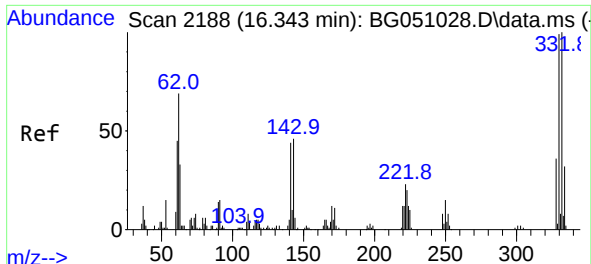
Tgt Ion: 82 Resp: 180411
Ion Ratio Lower Upper
82 100
128 37.3 29.8 44.6
54 48.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.854 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion:164 Resp: 83653
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 43.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 108.751 ng

RT: 16.340 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG051073.D

Acq: 16 Nov 2021 19:16

Instrument :

BNA_G

ClientSampleId :

HB-2-(6-6.5)-11-10-21

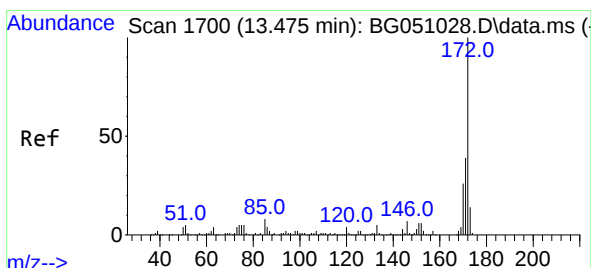
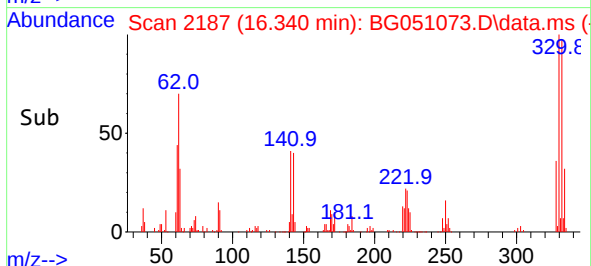
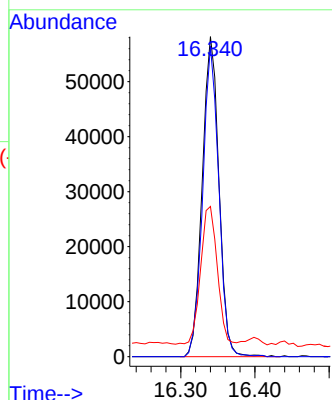
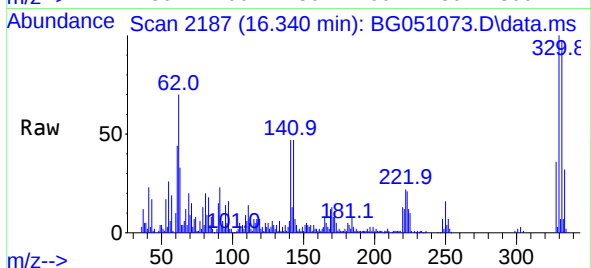
Tgt Ion:330 Resp: 91040

Ion Ratio Lower Upper

330 100

332 93.8 77.3 115.9

141 43.4 35.6 53.4



#45

2-Fluorobiphenyl

Concen: 62.011 ng

RT: 13.479 min Scan# 1700

Delta R.T. 0.004 min

Lab File: BG051073.D

Acq: 16 Nov 2021 19:16

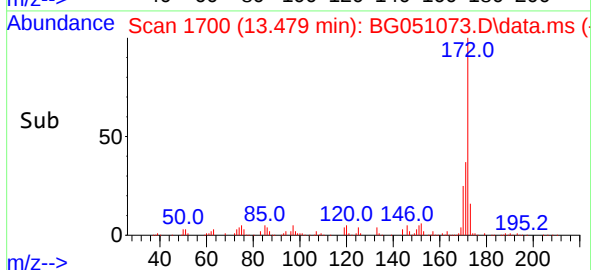
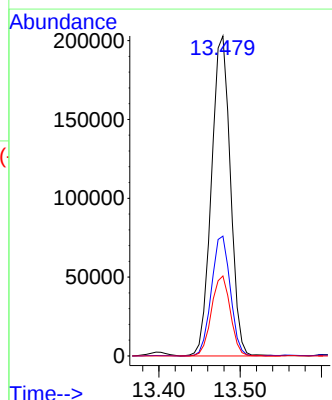
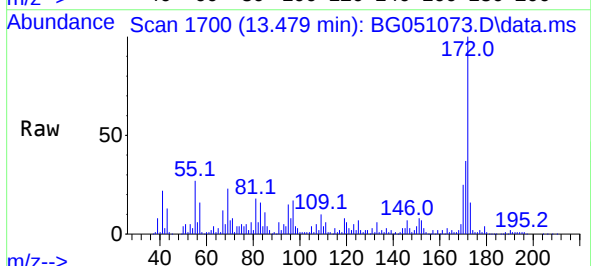
Tgt Ion:172 Resp: 328311

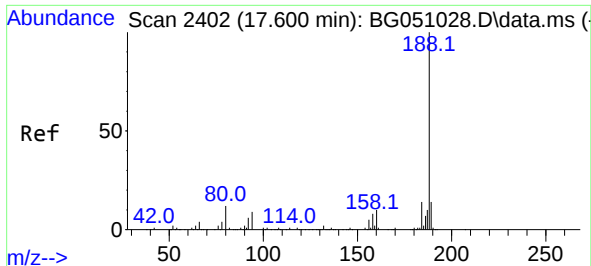
Ion Ratio Lower Upper

172 100

171 37.4 28.6 43.0

170 25.0 18.6 27.8

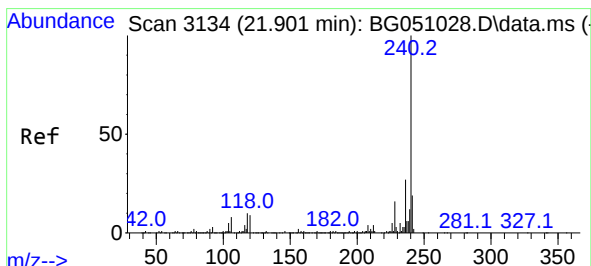
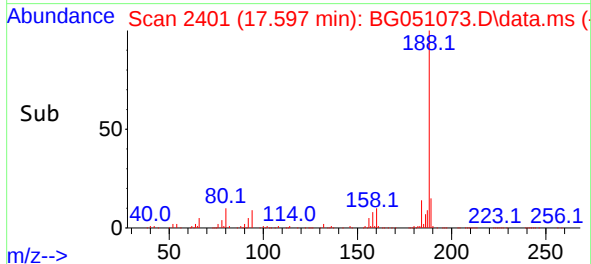
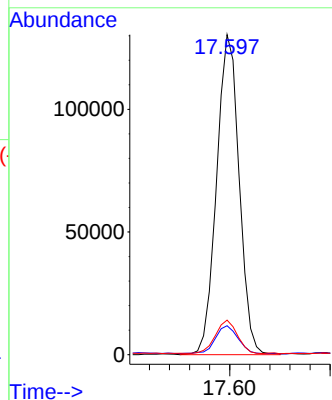
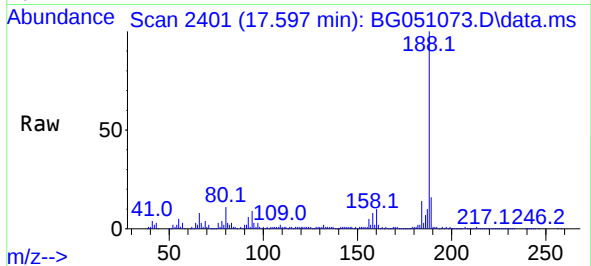




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.597 min Scan# 2401
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

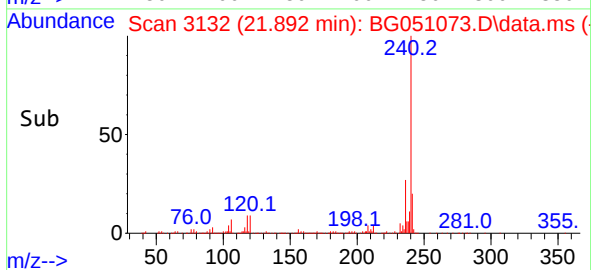
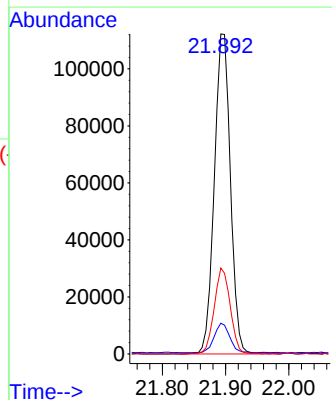
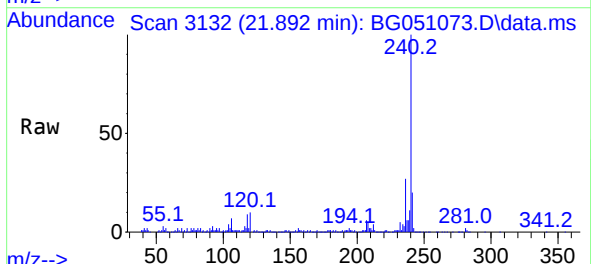
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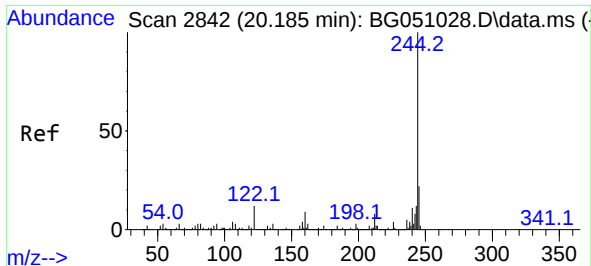
Tgt Ion:188 Resp: 203302
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 10.8 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.892 min Scan# 3132
Delta R.T. -0.008 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion:240 Resp: 198930
Ion Ratio Lower Upper
240 100
120 9.6 4.2 6.2#
236 26.8 21.8 32.6

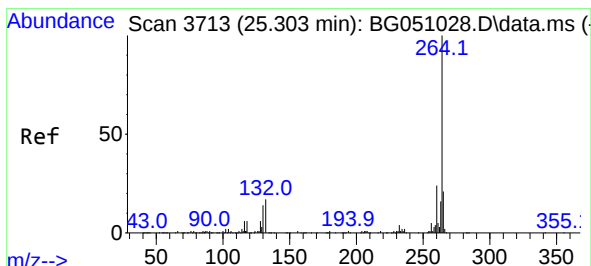
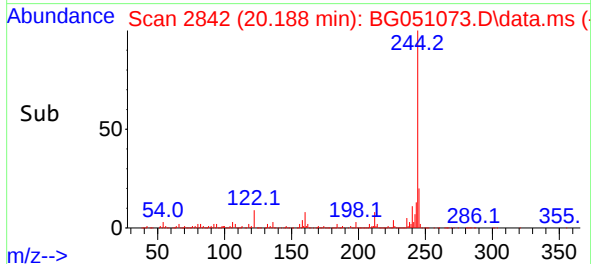
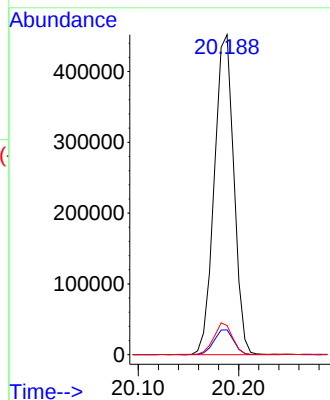
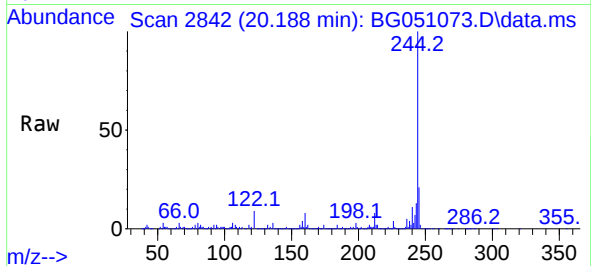




#79
 Terphenyl-d14
 Concen: 56.198 ng
 RT: 20.188 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG051073.D
 Acq: 16 Nov 2021 19:16

Instrument :
 BNA_G
 ClientSampleId :
 HB-2-(6-6.5)-11-10-21

Tgt Ion:244 Resp: 610976
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 9.1 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.300 min Scan# 3712
 Delta R.T. -0.003 min
 Lab File: BG051073.D
 Acq: 16 Nov 2021 19:16

Tgt Ion:264 Resp: 201854
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.0 16.9 25.3

