

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052358.D
 Acq On : 10 Feb 2022 17:39
 Operator : CG/JU
 Sample : N1431-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHB-2022

Quant Time: Feb 11 02:06:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

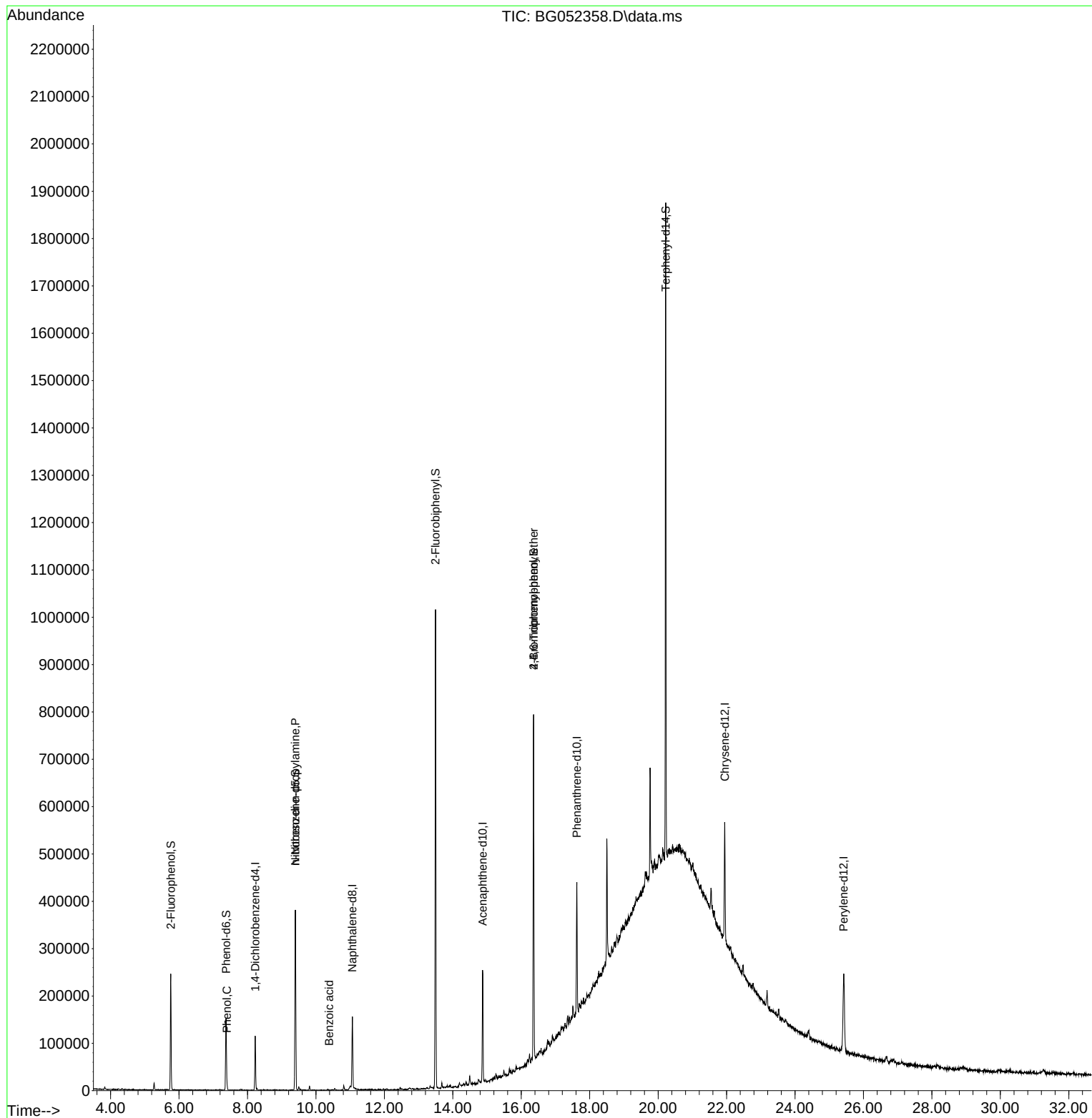
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	30901	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	128849	20.000	ng	# 0.00
39) Acenaphthene-d10	14.870	164	84949	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	176267	20.000	ng	0.00
76) Chrysene-d12	21.948	240	170124	20.000	ng	0.00
86) Perylene-d12	25.420	264	180608	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	100803	56.854	ng	0.00
7) Phenol-d6	7.374	99	87908	32.134	ng	0.00
23) Nitrobenzene-d5	9.400	82	241212	81.362	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	147704	121.026	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	533398	87.249	ng	0.00
79) Terphenyl-d14	20.221	244	703318	73.003	ng	0.00
Target Compounds						
9) Benzaldehyde	7.350	77	59	Below Cal		Qvalue # 8
10) Phenol	7.397	94	5866	2.158	ng	97
19) n-Nitroso-di-n-propyla...	9.400	70	32946	15.975	ng	# 69
32) Benzoic acid	10.387	122	77	6.036	ng	# 1
67) 4-Bromophenyl-phenylether	16.362	248	9587	4.472	ng	# 1

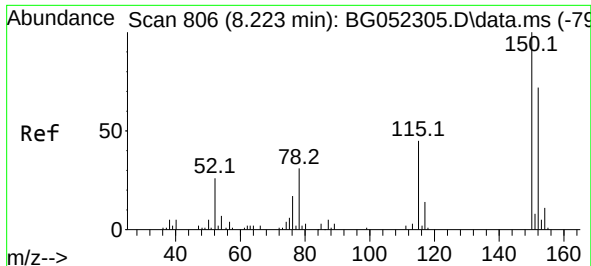
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
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Misc :
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BNA_G
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Quant Time: Feb 11 02:06:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

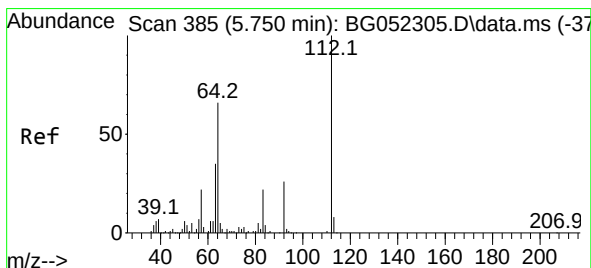
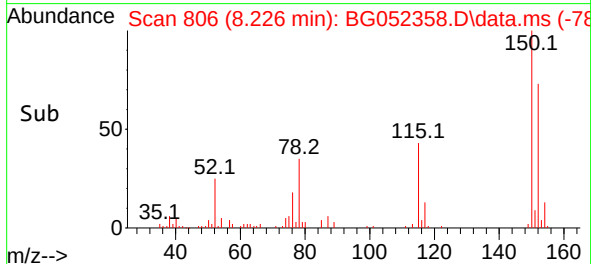
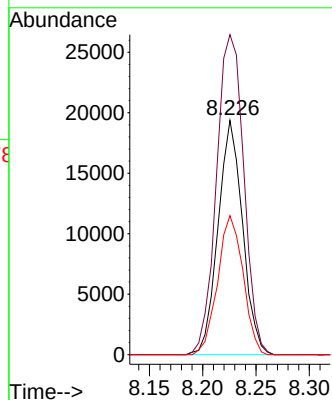
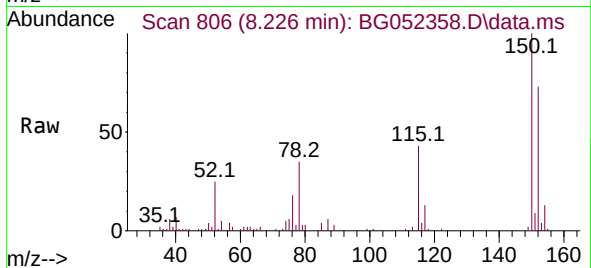




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.226 min Scan# 806
 Delta R.T. 0.003 min
 Lab File: BG052358.D
 Acq: 10 Feb 2022 17:39

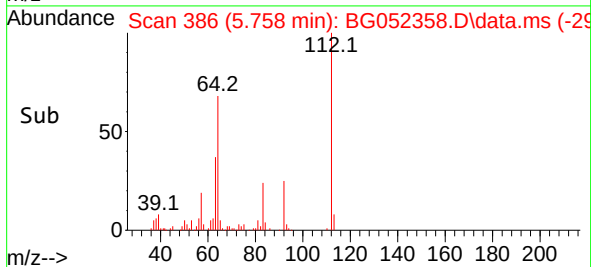
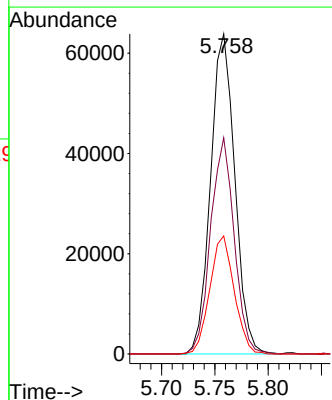
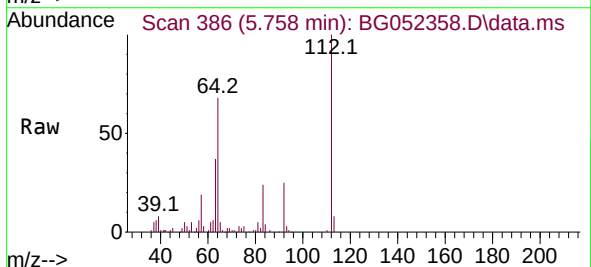
Instrument :
 BNA_G
 ClientSampleId :
 SHB-2022

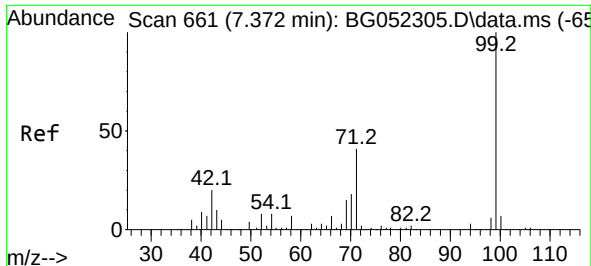
Tgt Ion:152 Resp: 30901
 Ion Ratio Lower Upper
 152 100
 150 136.6 117.8 176.8
 115 59.4 50.2 75.2



#5
 2-Fluorophenol
 Concen: 56.854 ng
 RT: 5.758 min Scan# 386
 Delta R.T. 0.008 min
 Lab File: BG052358.D
 Acq: 10 Feb 2022 17:39

Tgt Ion:112 Resp: 100803
 Ion Ratio Lower Upper
 112 100
 64 67.6 60.4 90.6
 63 36.9 33.3 49.9

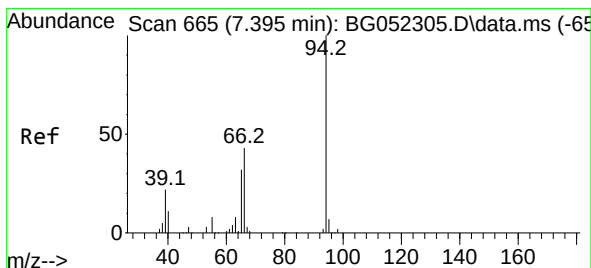
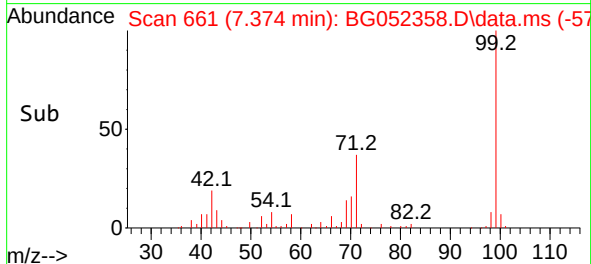
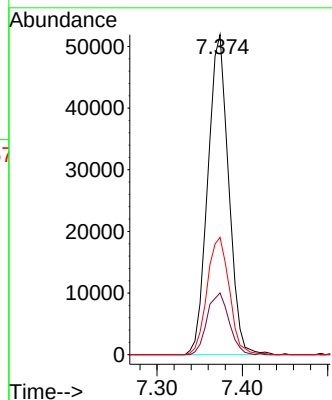
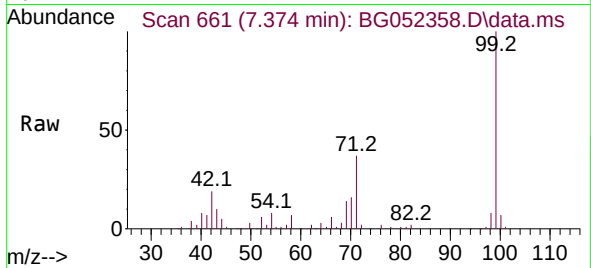




#7
Phenol-d6
Concen: 32.134 ng
RT: 7.374 min Scan# 661
Delta R.T. 0.002 min
Lab File: BG052358.D
Acq: 10 Feb 2022 17:39

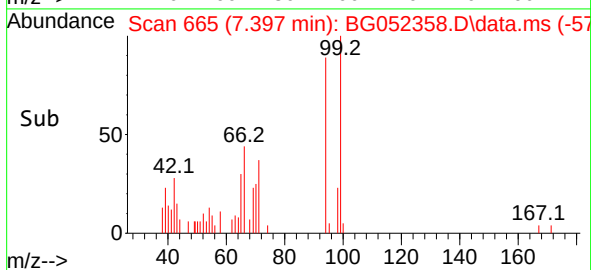
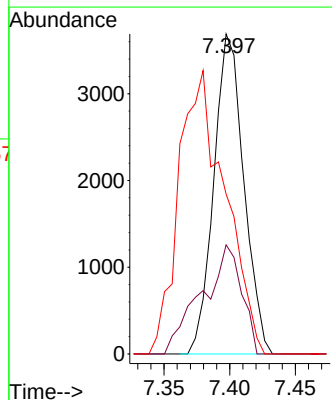
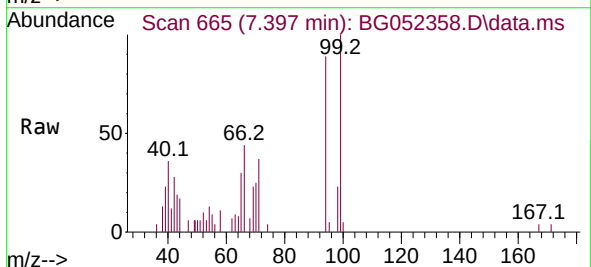
Instrument :
BNA_G
ClientSampleId :
SHB-2022

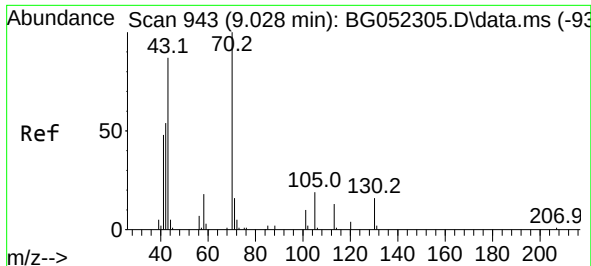
Tgt Ion: 99 Resp: 87908
Ion Ratio Lower Upper
99 100
42 19.3 19.1 28.7
71 36.6 33.4 50.2



#10
Phenol
Concen: 2.158 ng
RT: 7.397 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG052358.D
Acq: 10 Feb 2022 17:39

Tgt Ion: 94 Resp: 5866
Ion Ratio Lower Upper
94 100
65 34.1 14.1 54.1
66 49.9 26.6 66.6

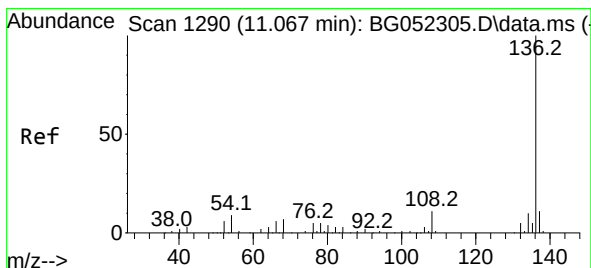
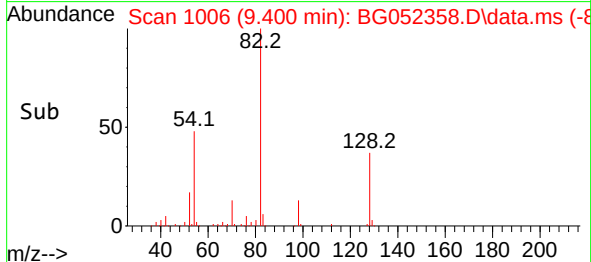
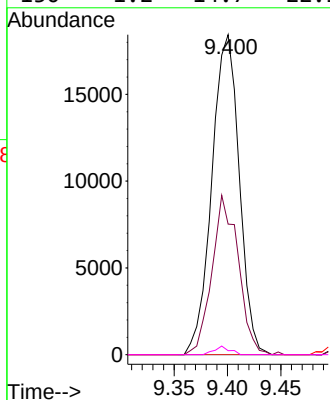
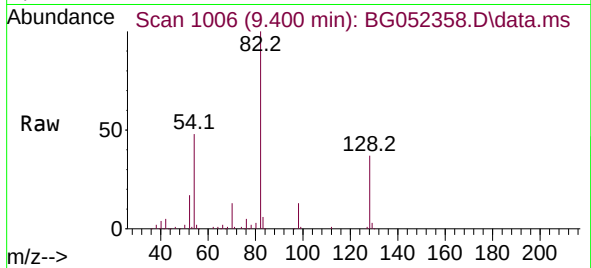




#19
n-Nitroso-di-n-propylamine
Concen: 15.975 ng
RT: 9.400 min Scan# 1006
Delta R.T. 0.372 min
Lab File: BG052358.D
Acq: 10 Feb 2022 17:39

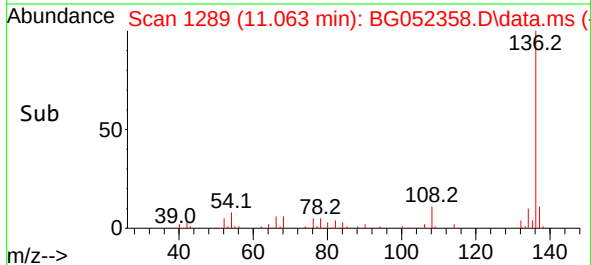
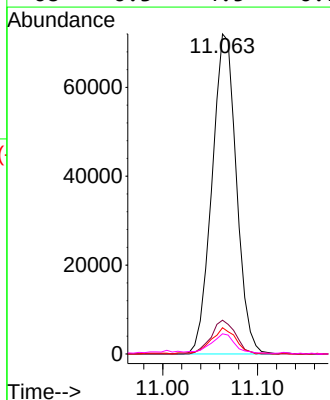
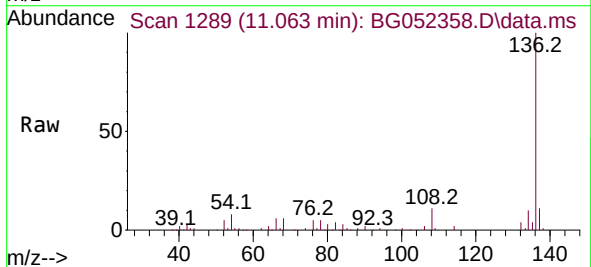
Instrument :
BNA_G
ClientSampleId :
SHB-2022

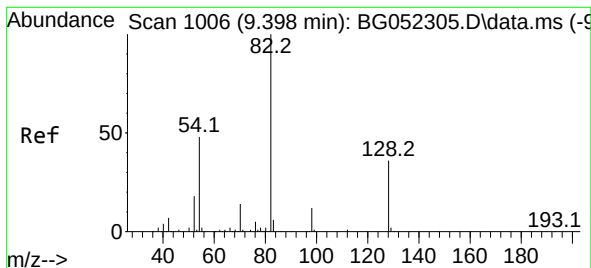
Tgt Ion: 70 Resp: 32946
Ion Ratio Lower Upper
70 100
42 40.8 51.8 77.6#
101 0.0 6.6 10.0#
130 1.2 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.063 min Scan# 1289
Delta R.T. -0.004 min
Lab File: BG052358.D
Acq: 10 Feb 2022 17:39

Tgt Ion: 136 Resp: 128849
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 8.2 8.3 12.5#
68 6.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 81.362 ng

RT: 9.400 min Scan# 1174

Delta R.T. 0.002 min

Lab File: BG052358.D

Acq: 10 Feb 2022 17:39

Instrument :

BNA_G

ClientSampleId :

SHB-2022

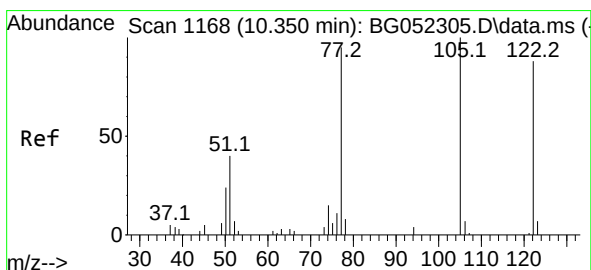
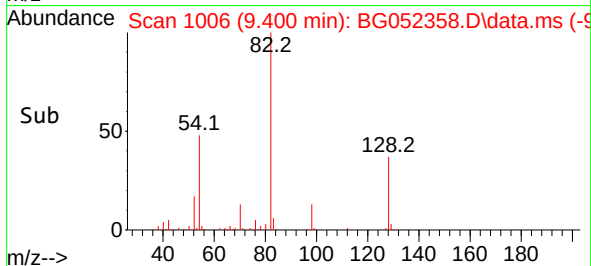
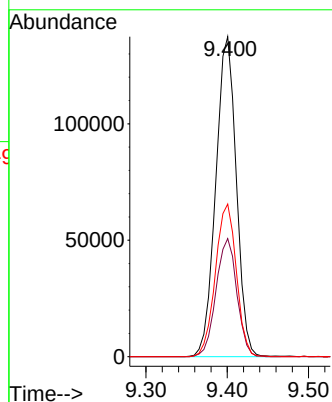
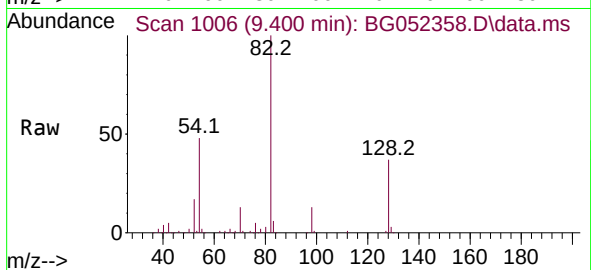
Tgt Ion: 82 Resp: 241212

Ion Ratio Lower Upper

82 100

128 36.9 27.0 40.4

54 47.7 41.0 61.6



#32

Benzoic acid

Concen: 6.036 ng

RT: 10.387 min Scan# 1174

Delta R.T. 0.037 min

Lab File: BG052358.D

Acq: 10 Feb 2022 17:39

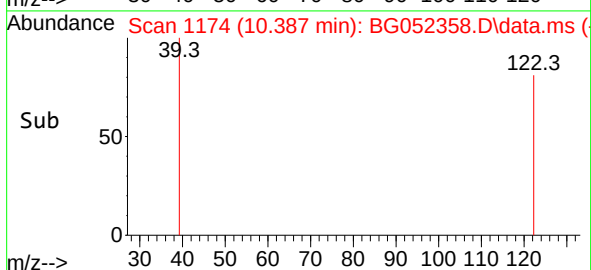
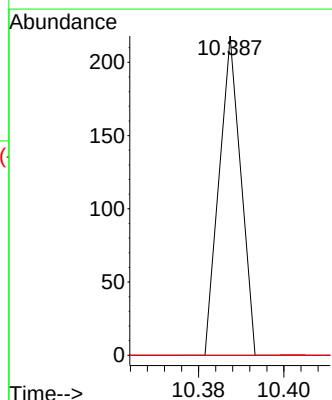
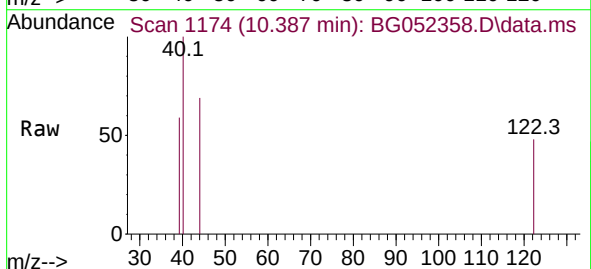
Tgt Ion: 122 Resp: 77

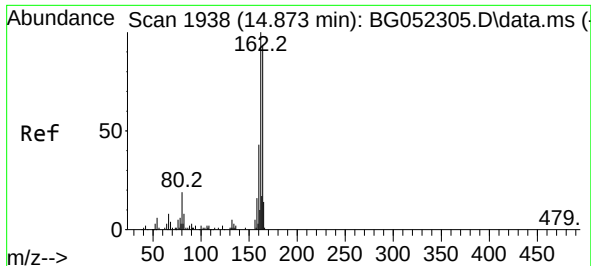
Ion Ratio Lower Upper

122 100

105 0.0 109.2 149.2#

77 0.0 92.8 132.8#

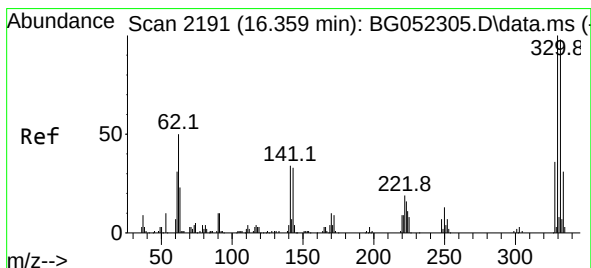
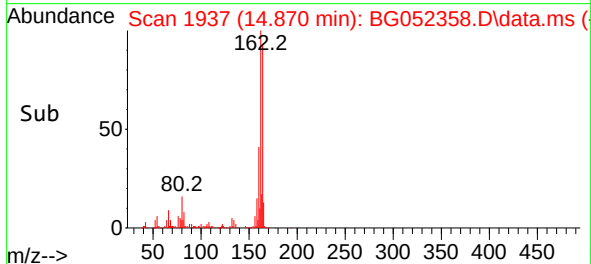
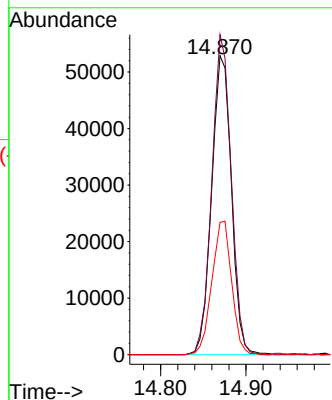
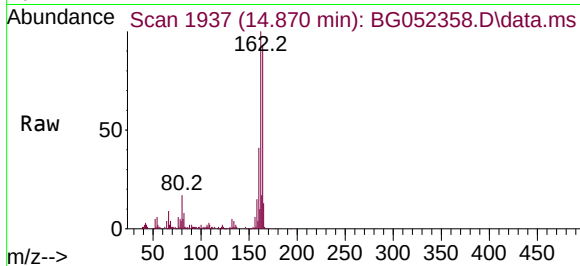




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG052358.D
Acq: 10 Feb 2022 17:39

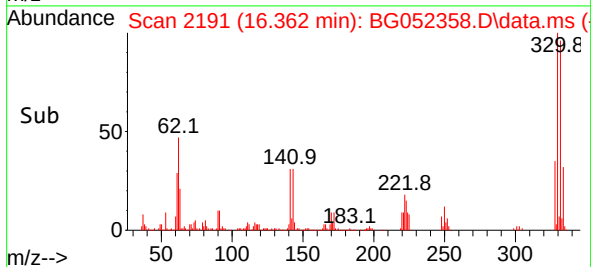
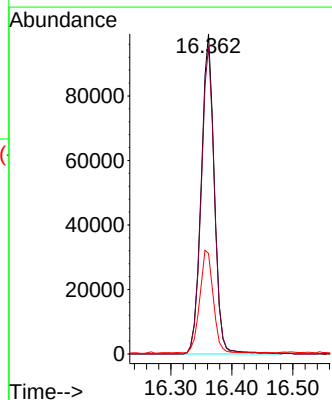
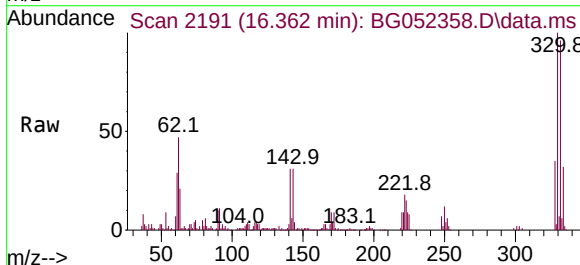
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BNA_G
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SHB-2022

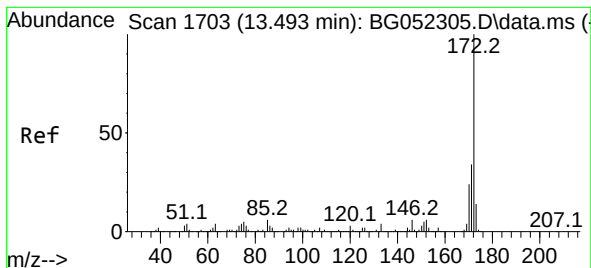
Tgt Ion:164 Resp: 84949
Ion Ratio Lower Upper
164 100
162 107.0 82.2 123.2
160 44.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 121.026 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.003 min
Lab File: BG052358.D
Acq: 10 Feb 2022 17:39

Tgt Ion:330 Resp: 147704
Ion Ratio Lower Upper
330 100
332 96.5 78.6 117.8
141 32.7 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 87.249 ng

RT: 13.495 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG052358.D

Acq: 10 Feb 2022 17:39

Instrument :

BNA_G

ClientSampleId :

SHB-2022

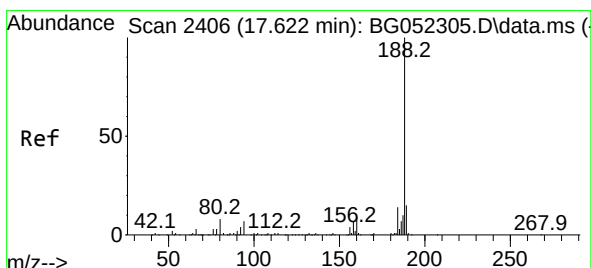
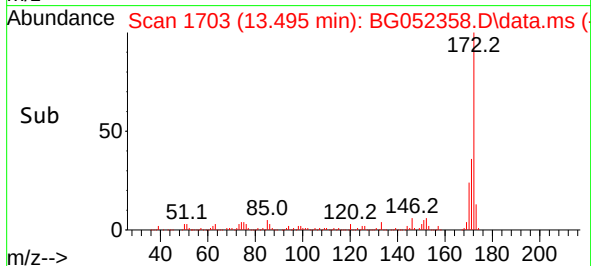
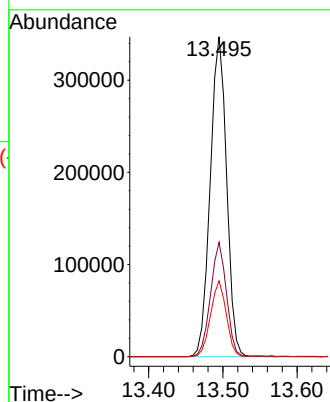
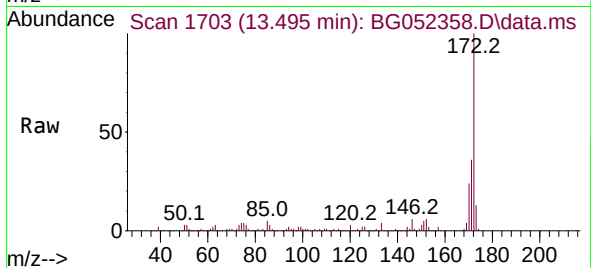
Tgt Ion:172 Resp: 533398

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.7 18.3 27.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.625 min Scan# 2406

Delta R.T. 0.002 min

Lab File: BG052358.D

Acq: 10 Feb 2022 17:39

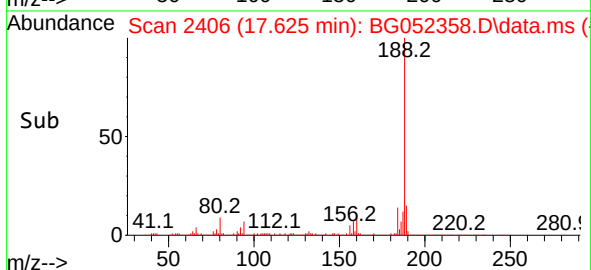
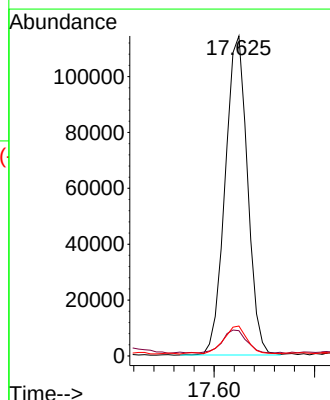
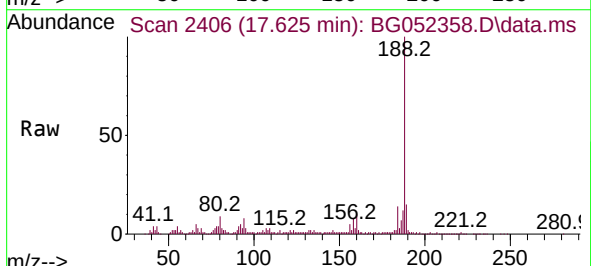
Tgt Ion:188 Resp: 176267

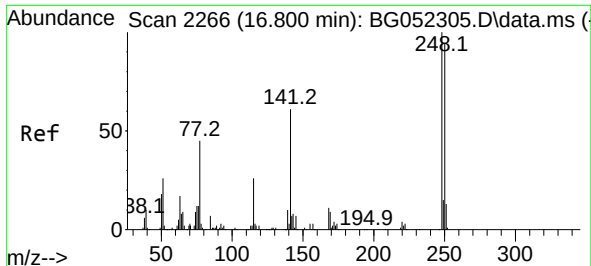
Ion Ratio Lower Upper

188 100

94 7.9 5.9 8.9

80 9.3 6.6 10.0

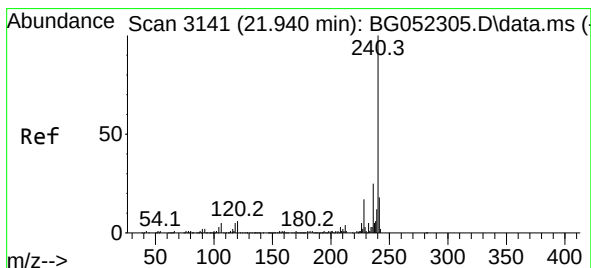
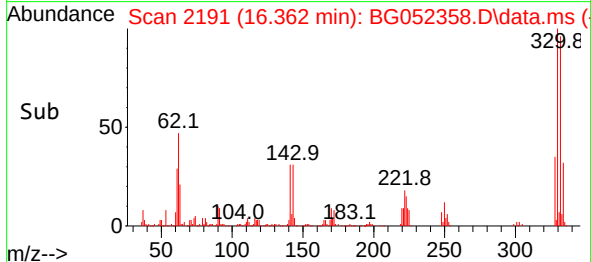
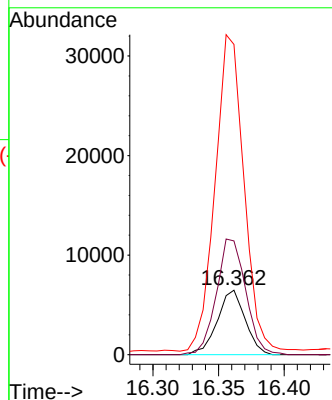
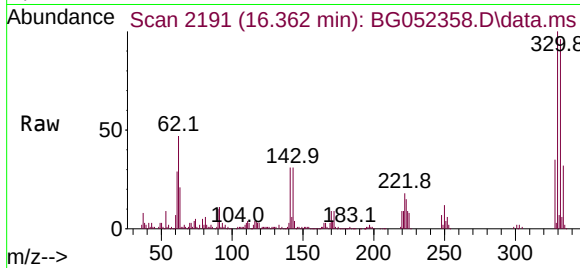




#67
4-Bromophenyl-phenylether
Concen: 4.472 ng
RT: 16.362 min Scan# 2191
Delta R.T. -0.438 min
Lab File: BG052358.D
Acq: 10 Feb 2022 17:39

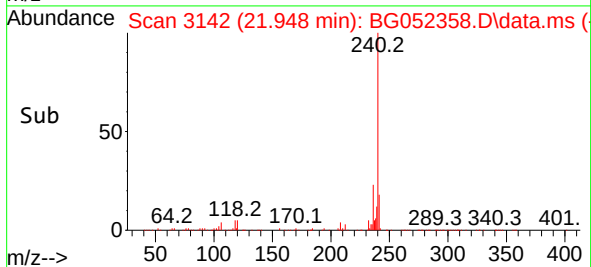
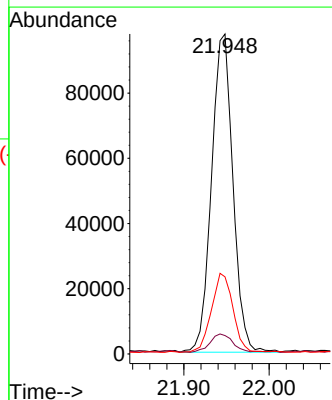
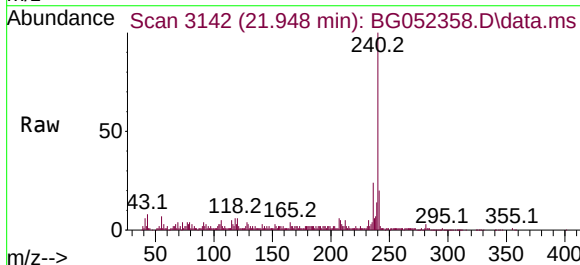
Instrument :
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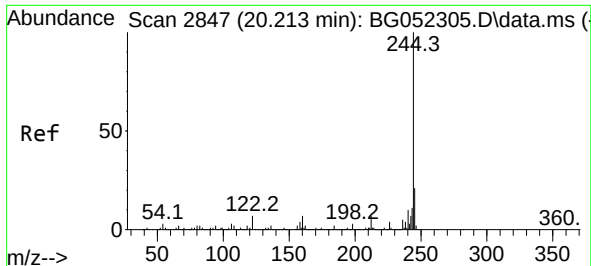
Tgt Ion:248 Resp: 9587
Ion Ratio Lower Upper
248 100
250 176.3 79.6 119.4#
141 480.8 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3142
Delta R.T. 0.008 min
Lab File: BG052358.D
Acq: 10 Feb 2022 17:39

Tgt Ion:240 Resp: 170124
Ion Ratio Lower Upper
240 100
120 5.7 4.4 6.6
236 24.1 20.8 31.2

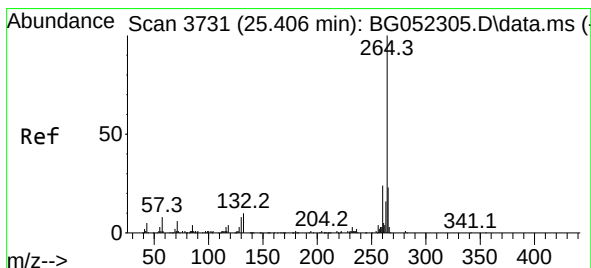
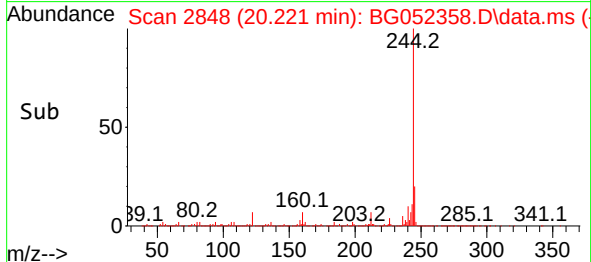
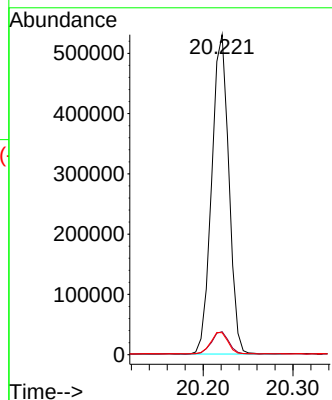
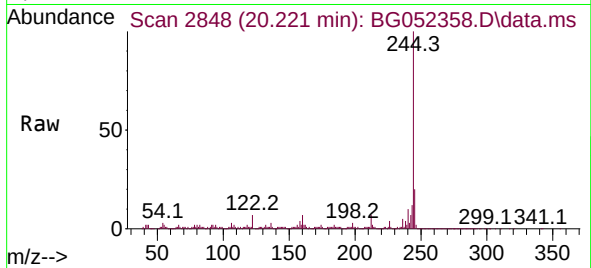




#79
 Terphenyl-d14
 Concen: 73.003 ng
 RT: 20.221 min Scan# 21
 Delta R.T. 0.008 min
 Lab File: BG052358.D
 Acq: 10 Feb 2022 17:39

Instrument :
 BNA_G
 ClientSampleId :
 SHB-2022

Tgt Ion:244 Resp: 703318
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 6.8 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.420 min Scan# 3733
 Delta R.T. 0.014 min
 Lab File: BG052358.D
 Acq: 10 Feb 2022 17:39

Tgt Ion:264 Resp: 180608
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.5 27.7
 265 22.7 17.8 26.6

